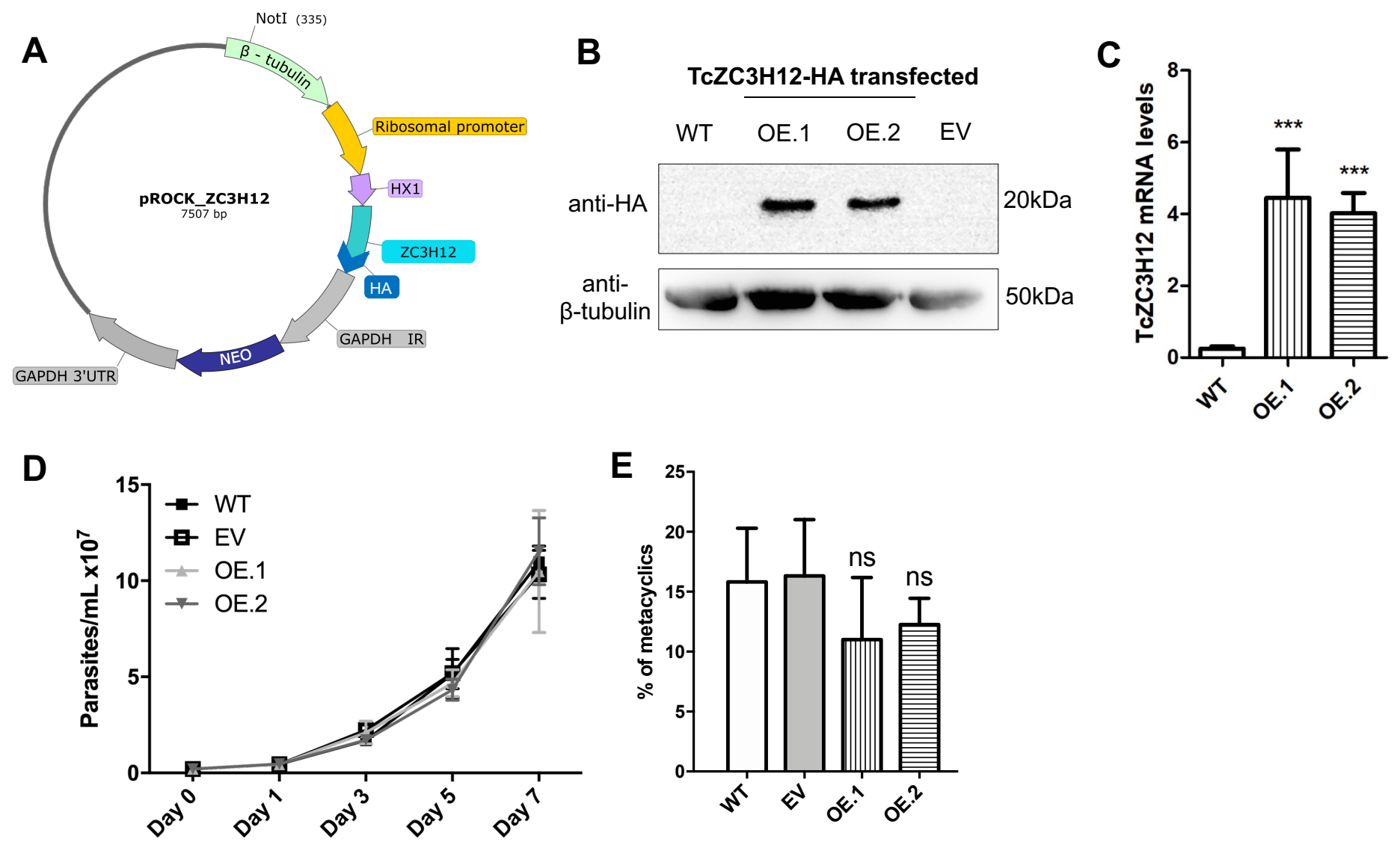
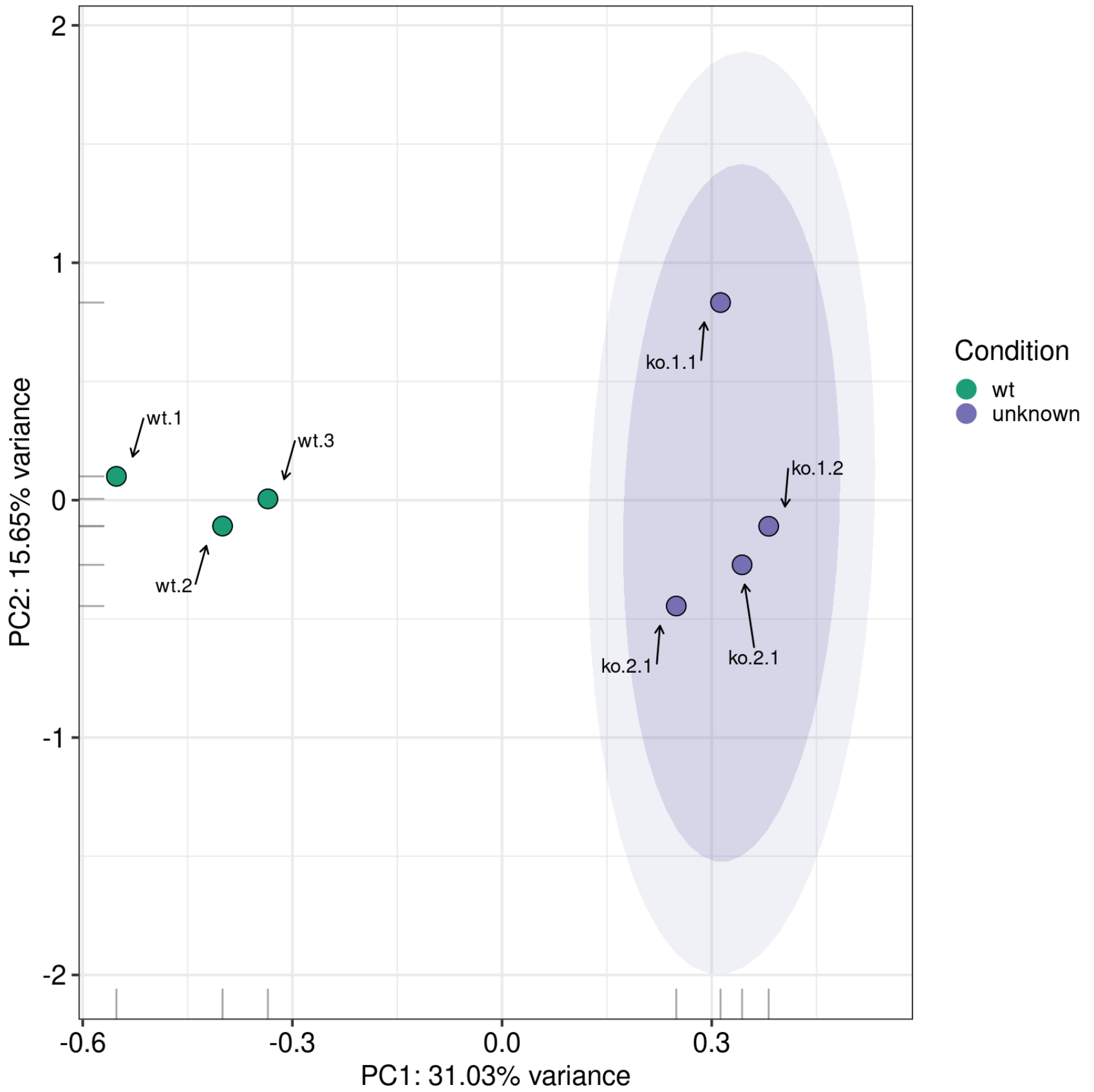


# Supp. Fig.1



Supp. Fig.2



**Supplementary Table 1. Summary of samples collected, mapping statistics and experimental metadata for RNA-Seq analysis of epimastigote, trypomastigote and amastigote.**

**Table S1. Summary of samples collected and mapping statistics**

Lab sample ID	Accession Number	Alias used in some figures	Developmental stage	Clone	Infected	Batch	Number of reads that pass Illumina filter	Total number of reads mapped	% of total reads mapped	Reads mapped to <i>T. cruzi</i> CL Brener 8.1	Reads mapped to <i>H. sapiens</i> hg38	% of mapped reads belonging to <i>T. cruzi</i> CL Brener 8.1	% of mapped reads belonging to <i>H. sapiens</i> hg38
HPGL0475	SAMN07291202	CLBr.A60.1	Amastigote 60 hpi	CL Brener	Y	20121216	122.215.032	112.803.140	92,30%	14.141.199	98.661.941	12,54%	87%
HPGL0476	SAMN07291204	CLBr.A60.3			Y	20121216	100.238.716	92.420.686	92,20%	8.493.782	83.926.904	9,19%	91%
HPGL0482	SAMN07291203	CLBr.A60.2			Y	20121216	94.665.058	87.115.475	92,02%	8.947.962	78.167.513	10,27%	90%
HPGL0481	SAMN07290964	CLBr.Tryp.3	Trypomastigote	CL Brener	N	20140601	102.571.998	92.052.266	89,74%	92.052.266	NA	100,00%	NA
HPGL0490	SAMN07290962	CLBr.Tryp.1			N	19700101	93.463.730	82.016.187	87,75%	82.016.187	NA	100,00%	NA
HPGL0488	SAMN07290963	CLBr.Tryp.2			N	20140601	109.810.272	98.242.222	89,47%	98.242.222	NA	100,00%	NA
HPGL0483	Pending: PRJNA389926	CLBr.Epi.1	Epimastigote	CL Brener	N	20140601	33.680.621	24.932.294	74,03%	24.932.294	NA	100,00%	NA
HPGL0486	Pending: PRJNA389926	CLBr.Epi.2			N	20140508	49.547.924	36.541.063	73,75%	36.541.063	NA	100,00%	NA
HPGL0487	Pending: PRJNA389926	CLBr.Epi.3			N	20140508	40.660.345	29.823.376	73,35%	29.823.376	NA	100,00%	NA
Total							746.853.696	655.946.709	87,83%	395.190.351	260.756.358	60,25%	40%

Alias used in some figures	Total number of reads mapped	Reads mapped to <i>T. cruzi</i> CL Brener 8.1	Percent mapping
CLB_ama60.1	112.803.140	14.141.199	12,54%
CLB_ama60.2	92.420.686	8.493.782	9,19%
CLB_ama60.3	87.115.475	8.947.962	10,27%
<b>CLB_ama60</b>	<b>97446433,67</b>	<b>10527647,67</b>	<b>10,67%</b>
CL14_ama60.1	58.860.711	4.205.223	7,14%
CL14_ama60.2	105.055.679	6.774.939	6,45%
CL14_ama60.3	60.855.520	3.909.457	6,42%
<b>CL14_ama60</b>	<b>74923970</b>	<b>4963206,333</b>	<b>6,67%</b>
CLB_trypo.1	92.052.266	92.052.266	100,00%
CLB_trypo.2	82.016.187	82.016.187	100,00%
CLB_trypo.3	98.242.222	98.242.222	100,00%
<b>CLB_tryp</b>	<b>90770225</b>	<b>90770225</b>	<b>100,00%</b>
CL14_trypo.1	66.239.477	66.239.477	100,00%
CL14_trypo.2	61.965.400	61.965.400	100,00%
CL14_trypo.3	74.965.544	74.965.544	100,00%
<b>CL14_tryp</b>	<b>67723473,67</b>	<b>67723473,67</b>	<b>100,00%</b>
CLB_epi.1	58.695.502	58.695.502	100,00%
CLB_epi.2	86.709.132	86.709.132	100,00%
CLB_epi.3	70.999.582	70.999.582	100,00%
	<b>72134738,67</b>	<b>72134738,67</b>	<b>100,00%</b>
CL14_epi.1	53.562.767	53.562.767	100,00%
CL14_epi.2	69.654.101	69.654.101	100,00%
CL14_epi.3	70.371.255	70.371.255	100,00%
	<b>64529374,33</b>	<b>64529374,33</b>	<b>100,00%</b>
<b>24</b>	<b>2.048.069.040</b>	<b>1.086.849.589</b>	<b>53,07%</b>

**Supplementary Table 2. Differently expressed (DE) genes in CL Brener epimastigotes, tissue culture derived trypomastigotes and intracellular amastigotes.**

epi\_over\_ama

geneid	genedescription	deseq_logfc	deseq_adjp
TcCLB.508741.80	mucin TcSMUGS, putative	7,293	5,33E-09
TcCLB.509601.140	hypothetical protein	6,868	2,264E-260
TcCLB.510103.24	hypothetical protein, conserved	6,775	0
TcCLB.506357.50	alcohol dehydrogenase, putative	6,692	4,579E-295
TcCLB.509713.30	hypothetical protein, conserved	6,64	0
TcCLB.508741.60	mucin TcSMUGS, putative	6,125	1,052E-29
TcCLB.508017.30	amino acid transporter, putative (fragment)	5,89	0
TcCLB.511277.60	alcohol dehydrogenase, putative	5,877	1,114E-264
TcCLB.511807.220	hypothetical protein	5,787	3,725E-283
TcCLB.508741.70	mucin TcSMUGS, putative	5,715	4,931E-26
TcCLB.508741.50	mucin TcSMUGS, putative	5,626	0
TcCLB.508741.40	mucin TcSMUGS, putative	5,62	9,907E-203
TcCLB.510257.80	cytosolic nonspecific dipeptidase, putative	5,544	0
TcCLB.511685.20	mucin TcSMUGS, putative	5,522	1,844E-115
TcCLB.511391.120	glutamamyl carboxypeptidase, putative	5,284	0
TcCLB.509213.120	cytosolic nonspecific dipeptidase, putative	5,279	0
TcCLB.511003.160	hypothetical protein, conserved	5,277	4,819E-184
TcCLB.503411.30	hypothetical protein, conserved	5,272	2,245E-19
TcCLB.509767.140	hypothetical protein	5,23	1,579E-136
TcCLB.510679.100	lipase, putative	5,107	1,923E-113
TcCLB.507047.150	D-arabinono-1,4-lactone oxidase, putative (ALO)	5,071	2,426E-98
TcCLB.510357.20	hypothetical protein, conserved	5,054	9,182E-46
TcCLB.506401.380	surface protease GP63, putative	4,954	9,832E-167
TcCLB.511685.10	mucin TcSMUGS, putative	4,943	1,171E-88
TcCLB.509041.10	tyrosine aminotransferase, putative	4,931	0,0001792
TcCLB.509217.40	trans-sialidase, Group V, putative	4,827	0,00001215
TcCLB.511685.30	mucin TcSMUGS, putative	4,811	6,586E-23
TcCLB.511679.10	mucin TcSMUGS, putative	4,769	1,288E-38
TcCLB.506551.10	protein associated with differentiation 4, putative	4,76	7,121E-239
TcCLB.506563.79	calpain-like cysteine peptidase (pseudogene), putative	4,755	1,109E-116
TcCLB.508799.270	protein associated with differentiation 4, putative	4,703	3,93E-255
TcCLB.509003.30	calpain-like cysteine peptidase, putative	4,701	1,542E-115
TcCLB.509965.390	amastin, putative	4,681	3,181E-87
TcCLB.511201.49	hypothetical protein, conserved	4,647	2,102E-266
TcCLB.506863.30	hypothetical protein, conserved	4,642	1,38E-23
TcCLB.508545.40	surface protease GP63, putative	4,601	2,132E-230
TcCLB.510187.50	tyrosine aminotransferase	4,54	0
TcCLB.510795.10	tyrosine aminotransferase (2.6.1.5)	4,488	0
TcCLB.511497.19	amastin, putative	4,476	2,32E-72
TcCLB.510535.100	cysteine peptidase C (CPC), putative (TCCB)	4,472	0
TcCLB.506753.130	hypothetical protein, conserved	4,408	8,41E-79
TcCLB.506789.340	hypothetical protein, conserved	4,395	1,376E-88
TcCLB.511779.60	trans-sialidase, Group III, putative	4,367	0,0007992

TcCLB.510187.40	tyrosine aminotransferase	4,359	6,23E-299
TcCLB.507689.40	glutamamyl carboxypeptidase, putative	4,349	0
TcCLB.511859.200	hypothetical protein, conserved	4,303	1,274E-258
TcCLB.506789.352	hypothetical protein, conserved	4,284	2,195E-22
TcCLB.506885.310	meiotic recombination protein DMC1, putative (dmc1)	4,248	3,469E-91
TcCLB.509051.20	amastin, putative	4,206	1,911E-79
TcCLB.503975.100	Present in the outer mitochondrial membrane proteome 2:	4,178	4,847E-155
TcCLB.508535.50	tyrosine aminotransferase	4,173	4,355E-97
TcCLB.509965.394	amastin, putative	4,156	5,22E-46
TcCLB.508263.5	hypothetical protein, conserved (fragment)	4,151	6,838E-53
TcCLB.510837.9	acetylornithine deacetylase, putative (fragment)	4,149	6,447E-36
TcCLB.509205.120	hypothetical protein, conserved	4,143	1,15E-289
TcCLB.509023.80	hypothetical protein, conserved	4,137	2,13E-157
TcCLB.510565.11	tyrosine aminotransferase, putative (fragment)	4,108	0
TcCLB.509707.10	protein associated with differentiation 8, putative	4,084	4,845E-39
TcCLB.504149.175	hypothetical protein, conserved	4,071	2,938E-186
TcCLB.511779.10	trans-sialidase, putative	4,041	0,002643
TcCLB.508799.290	hypothetical protein, conserved (fragment)	4,034	6,854E-222
TcCLB.509769.40	hypothetical protein, conserved	4,034	1,448E-54
TcCLB.510811.20	protein associated with differentiation 4, putative	4,027	1,62E-108
TcCLB.511825.240	hypothetical protein, conserved	4,027	1,499E-38
TcCLB.507689.50	metallo-peptidase, clan MH, family M18, putative (fragme	4,005	0
TcCLB.503413.4	Present in the outer mitochondrial membrane proteome 2:	4,002	3,077E-82
TcCLB.509197.50	hypothetical protein, conserved	3,979	1,438E-56
TcCLB.509043.10	tyrosine aminotransferase (pseudogene), putative	3,971	2,694E-132
TcCLB.508175.360	cystathionine beta-synthase (CBS)	3,956	0,0005739
TcCLB.507519.150	Adenine phosphoribosyltransferase, putative	3,935	1,901E-85
TcCLB.508999.260	calpain-like cysteine peptidase (pseudogene), putative	3,895	3,409E-193
TcCLB.506773.50	nucleoside transporter-like, putative	3,877	8,176E-232
TcCLB.510187.70	tyrosine aminotransferase, putative	3,871	6,107E-158
TcCLB.511827.100	cysteine peptidase C (CPC), putative (TCCB)	3,86	2,898E-211
TcCLB.503925.6	hypothetical protein, conserved	3,851	4,454E-37
TcCLB.511437.30	lipase, putative	3,841	2,699E-46
TcCLB.507689.30	glutamamyl carboxypeptidase, putative	3,824	9,359E-177
TcCLB.505789.20	hypothetical protein, conserved	3,801	3,441E-91
TcCLB.510101.80	hypothetical protein, conserved	3,797	4,032E-52
TcCLB.506563.170	calpain-like cysteine peptidase (pseudogene), putative	3,769	1,265E-162
TcCLB.503747.10	glutamine aminotransferase, putative (fragment) (GlnAT)	3,753	2,732E-82
TcCLB.504533.50	hypothetical protein, conserved	3,749	6,26E-86
TcCLB.510357.30	hypothetical protein, conserved	3,747	1,935E-64
TcCLB.508601.141	dipeptidyl-peptidase, putative (fragment)	3,74	1,693E-176
TcCLB.507657.20	glutamamyl carboxypeptidase, putative	3,734	0
TcCLB.510187.30	tyrosine aminotransferase	3,683	5,263E-23
TcCLB.507657.10	glutamamyl carboxypeptidase, putative	3,678	0
TcCLB.507949.250	hypothetical protein, conserved	3,67	0

TcCLB.508699.120	dipeptidyl-peptidase, putative	3,664	2,17E-232
TcCLB.508173.160	hypothetical protein, conserved	3,648	1,805E-153
TcCLB.509717.176	retrotransposon hot spot (RHS) protein, putative (fragment)	3,646	1,875E-09
TcCLB.504045.60	thermostable carboxypeptidase 2, putative	3,638	2E-266
TcCLB.509463.10	transmembrane amino acid transporter, putative	3,628	1,817E-138
TcCLB.511367.240	argonaute-like protein, putative	3,617	4,378E-122
TcCLB.507359.10	hypothetical protein, conserved	3,591	4,468E-25
TcCLB.507143.20	hypothetical protein, conserved	3,589	4,044E-92
TcCLB.506177.100	actyltransferase-like, putative	3,57	1,491E-45
TcCLB.509179.100	L-galactonolactone oxidase (ALO)	3,558	3,094E-95
TcCLB.507819.30	trans-sialidase, Group II, putative	3,554	1,031E-54
TcCLB.509683.90	hypothetical protein	3,552	9,022E-53
TcCLB.508033.39	mucin-associated surface protein (MASP, pseudogene), putative	3,545	2,871E-34
TcCLB.504765.20	protein associated with differentiation 8, putative	3,545	2,562E-13
TcCLB.507187.9	dispersed gene family protein 1 (DGF-1), putative	3,523	4,946E-100
TcCLB.510381.10	cystathionine beta-synthase, putative	3,516	7,488E-09
TcCLB.506247.220	histidine ammonia-lyase, putative	3,514	1,55E-260
TcCLB.506227.10	amino acid transporter, putative	3,475	9,074E-109
TcCLB.508647.180	hypothetical protein, conserved	3,47	3,039E-87
TcCLB.508863.10	hypothetical protein, conserved	3,469	2,965E-77
TcCLB.504421.19	hypothetical protein, conserved	3,466	1,922E-90
TcCLB.508065.70	protein associated with differentiation 8, putative	3,461	1,336E-65
TcCLB.511041.40	hexose transporter, putative	3,453	4,683E-36
TcCLB.510977.9	hypothetical protein, conserved (fragment)	3,451	3,043E-140
TcCLB.506001.90	retrotransposon hot spot (RHS) protein, putative	3,442	3,585E-114
TcCLB.504003.30	hypothetical protein	3,43	9,329E-108
TcCLB.510855.10	peptide methionine sulfoxide reductase, putative	3,423	1,589E-153
TcCLB.506213.50	prostaglandin F synthase (pseudogene), putative (PGFS)	3,403	6,405E-153
TcCLB.506513.110	peptidase t, putative	3,398	2,783E-119
TcCLB.510605.10	hypothetical protein, conserved	3,388	1,212E-56
TcCLB.401961.10	trans-sialidase, putative (fragment)	3,368	0,01501
TcCLB.503837.20	amino acid transporter, putative	3,366	3,449E-114
TcCLB.506753.140	hypothetical protein, conserved	3,364	1,279E-72
TcCLB.510877.170	hypothetical protein, conserved	3,362	1,424E-134
TcCLB.503697.70	hypothetical protein, conserved	3,36	2,186E-79
TcCLB.506773.10	hypothetical protein, conserved	3,346	0,01548
TcCLB.510837.20	glutamamyl carboxypeptidase, putative	3,336	3,181E-24
TcCLB.506325.10	retrotransposon hot spot (RHS) protein, putative	3,334	6,319E-40
TcCLB.509569.100	nucleoside phosphorylase, putative	3,332	3,896E-198
TcCLB.509331.120	hypothetical protein, conserved	3,319	1,987E-66
TcCLB.506879.10	mucin-associated surface protein (MASP), putative	3,315	0,0004173
TcCLB.509153.20	hypothetical protein, conserved	3,313	5,417E-42
TcCLB.507019.20	nitrate reductase, putative	3,309	1,377E-112
TcCLB.510905.10	dispersed gene family protein 1 (DGF-1), putative	3,302	7,271E-06
TcCLB.511691.10	cystathionine beta-synthase (CBS)	3,301	6,734E-20



TcCLB.510613.40	hypothetical protein, conserved (fragment)	3,299	1,466E-21
TcCLB.508045.131	retrotransposon hot spot protein (RHS, pseudogene), putat	3,289	1,32E-09
TcCLB.504425.60	NADP-dependent alcohol hydrogenase, putative	3,286	2,304E-115
TcCLB.509805.190	hypothetical protein, conserved	3,285	4,561E-67
TcCLB.509331.74	hypothetical protein, conserved	3,245	8,7E-74
TcCLB.504393.20	hypothetical protein	3,239	0,02463
TcCLB.504105.220	hypothetical protein, conserved	3,232	1,248E-69
TcCLB.507603.220	hypothetical protein	3,228	3,877E-51
TcCLB.511439.40	hypothetical protein	3,222	4,195E-167
TcCLB.504033.21	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, pu	3,22	1,968E-07
TcCLB.508917.49	peptidase t, putative	3,219	2,345E-37
TcCLB.508439.40	hypothetical protein	3,214	0,0002256
TcCLB.508039.70	hypothetical protein, conserved	3,213	6,752E-140
TcCLB.511691.39	hypothetical protein, conserved	3,209	2,399E-136
TcCLB.511207.10	hypothetical protein, conserved	3,207	4,041E-79
TcCLB.503445.9	retrotransposon hot spot (RHS) protein, putative	3,205	1,117E-55
TcCLB.508805.80	short chain dehydrogenase, putative	3,202	1,033E-49
TcCLB.507247.14	dispersed gene family protein 1 (DGF-1), putative (fragme	3,188	8,983E-53
TcCLB.508241.140	cystathionine beta-synthase, putative (CBS)	3,175	2,31E-26
TcCLB.510643.40	trans-sialidase, Group VIII, putative	3,173	2,23E-12
TcCLB.510679.40	hypothetical protein	3,171	9,155E-145
TcCLB.508823.20	hypothetical protein, conserved	3,17	2,662E-157
TcCLB.510065.5	hypothetical protein, conserved (fragment)	3,17	2,839E-42
TcCLB.507891.29	flagellar calcium-binding protein, putative	3,169	0,0001865
TcCLB.506011.10	hypothetical protein, conserved	3,159	2,996E-105
TcCLB.506559.410	hypothetical protein, conserved	3,152	2,213E-142
TcCLB.508919.10	peptidase T (pseudogene), putative	3,151	2,615E-38
TcCLB.505615.20	lipase (pseudogene), putative	3,15	0,00001984
TcCLB.511245.180	guanine nucleotide-binding protein, putative	3,141	2,133E-77
TcCLB.462761.16	hypothetical protein, conserved (fragment)	3,14	8,77E-30
TcCLB.511047.70	hypothetical protein, conserved	3,135	1,504E-171
TcCLB.510729.110	meiotic recombination protein DMC1, putative (dmc1)	3,135	7,276E-100
TcCLB.507117.9	dispersed gene family protein 1 (DGF-1), putative	3,129	2,106E-37
TcCLB.510483.280	90 kDa surface protein, putative	3,129	1,572E-18
TcCLB.503419.30	thiol-dependent reductase 1, putative (TcAc2)	3,128	5,708E-204
TcCLB.509107.9	hypothetical protein, conserved (fragment)	3,127	2,785E-25
TcCLB.505047.19	trans-sialidase (pseudogene), putative	3,126	0,001112
TcCLB.510063.30	hypothetical protein, conserved	3,118	6,072E-108
TcCLB.503975.40	hypothetical protein, conserved	3,111	4,871E-146
TcCLB.426675.9	trans-sialidase, putative	3,104	0,0001024
TcCLB.429257.20	cytochrome b5-dependent oleate desaturase	3,103	5,711E-114
TcCLB.511209.69	membrane-bound acid phosphatase, putative (fragment)	3,088	5,885E-70
TcCLB.508827.50	DNA repair and recombination helicase protein PIF3, putat	3,087	2,283E-102
TcCLB.508735.100	hypothetical protein, conserved	3,072	9,044E-107
TcCLB.508999.250	calpain-like cysteine peptidase (pseudogene), putative	3,068	2,283E-129

TcCLB.507473.40	retrotransposon hot spot protein (RHS, pseudogene), putat	3,068	2,656E-52
TcCLB.506905.50	cystathionine beta-synthase (CBS)	3,066	0
TcCLB.511051.10	hypothetical protein	3,064	1,879E-29
TcCLB.506779.140	hypothetical protein, conserved	3,055	1,232E-101
TcCLB.508003.10	retrotransposon hot spot (RHS) protein, putative	3,054	9,579E-50
TcCLB.510347.29	hypothetical protein, conserved	3,053	7,191E-46
TcCLB.508689.40	hypothetical protein, conserved	3,043	7,719E-114
TcCLB.511575.130	folate/pteridine transporter, putative	3,04	6,218E-200
TcCLB.504339.19	NADP-dependent alcohol hydrogenase, putative	3,036	0,00004197
TcCLB.509705.10	cellulosomal scaffoldin anchoring protein, putative	3,026	1,477E-52
TcCLB.506947.10	hypothetical protein, conserved	3,021	1,426E-72
TcCLB.503459.10	hypothetical protein, conserved	3,021	3,806E-36
TcCLB.511309.60	hypothetical protein, conserved	3,017	7,692E-34
TcCLB.505971.10	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, pu	3,01	3,753E-11
TcCLB.507473.30	trans-sialidase, Group II, putative	3,007	7,002E-28
TcCLB.507115.20	dispersed gene family protein 1 (DGF-1), putative	3,001	3,376E-31
TcCLB.508177.110	cystathionine beta-synthase	2,998	6,313E-168
TcCLB.508177.120	cystathionine beta-synthase (CBS)	2,997	7,574E-260
TcCLB.503713.30	6-phosphogluconolactonase, putative	2,997	9,363E-68
TcCLB.505193.100	Present in the outer mitochondrial membrane proteome 1	2,996	5,036E-60
TcCLB.506909.60	mucin TcMUCI, putative	2,981	0,02959
TcCLB.506931.4	hypothetical protein, conserved	2,98	7,302E-103
TcCLB.510517.40	hypothetical protein	2,974	1,661E-74
TcCLB.475133.10	trans-sialidase, putative	2,973	0,0002826
TcCLB.508055.30	trans-sialidase, Group II, putative	2,972	6,063E-25
TcCLB.511777.10	trans-sialidase, putative (fragment)	2,97	0,002146
TcCLB.509367.30	dispersed gene family protein 1 (DGF-1, pseudogene), puta	2,966	5,342E-22
TcCLB.510187.20	tyrosine aminotransferase, putative	2,964	3,637E-142
TcCLB.509457.50	retrotransposon hot spot (RHS) protein, putative	2,962	3,037E-22
TcCLB.404455.10	trans-sialidase, putative (fragment)	2,956	1,966E-18
TcCLB.506563.120	hypothetical protein, conserved	2,955	6,854E-63
TcCLB.506825.40	hypothetical protein, conserved	2,953	5,645E-23
TcCLB.503683.11	RNA-binding protein, putative	2,952	3,458E-13
TcCLB.510065.10	hypothetical protein, conserved	2,95	1,627E-153
TcCLB.505609.40	trans-sialidase, Group V, putative	2,947	0,00199
TcCLB.413409.10	trans-sialidase, putative (fragment)	2,943	4,01E-35
TcCLB.508177.129	cystathionine beta-synthase, putative	2,939	1,087E-224
TcCLB.509997.10	hypothetical protein, conserved	2,939	5,698E-20
TcCLB.506195.120	lysosomal alpha-mannosidase precursor, putative	2,936	1,422E-88
TcCLB.507831.20	hypothetical protein, conserved	2,932	0,002866
TcCLB.510667.120	galactokinase, putative	2,93	2,755E-126
TcCLB.507085.140	mucin TcMUCII, putative	2,928	0,0002868
TcCLB.508827.10	membrane-bound acid phosphatase, putative	2,922	1,161E-106
TcCLB.508801.10	protein associated with differentiation 4, putative	2,92	8,734E-118
TcCLB.506739.99	zinc finger (CCCH type) protein, putative	2,915	6,318E-232

TcCLB.508897.119	FKBP-type peptidylprolyl cis-trans isomerase, putative	2,905	1,436E-57
TcCLB.511421.185	hypothetical protein, conserved	2,903	3,616E-27
TcCLB.506937.10	cytosolic malate dehydrogenase, putative	2,9	2,747E-78
TcCLB.511149.210	mucin TcMUCII, putative	2,872	0,00002839
TcCLB.511911.90	hypothetical protein, conserved	2,868	6,46E-96
TcCLB.503939.20	hypothetical protein, conserved	2,863	7,562E-78
TcCLB.506825.200	hypothetical protein	2,857	3,403E-177
TcCLB.509457.60	retrotransposon hot spot (RHS) protein, putative	2,852	2,461E-17
TcCLB.510853.10	dispersed gene family protein 1 (DGF-1, pseudogene), putative	2,844	1,258E-31
TcCLB.508503.20	cytochrome c oxidase subunit V, putative	2,841	5,923E-206
TcCLB.510301.30	hypothetical protein, conserved	2,839	2,295E-40
TcCLB.504137.100	hypothetical protein, conserved	2,837	9,559E-78
TcCLB.511639.20	hypothetical protein, conserved	2,835	2,522E-144
TcCLB.509713.10	protein associated with differentiation 4, putative	2,833	0
TcCLB.510039.40	nitrilase, putative	2,83	5,695E-163
TcCLB.509545.70	mucin TcMUCII, putative	2,824	0,01803
TcCLB.511287.49	aldo-keto reductase (AKR)	2,823	1,717E-95
TcCLB.508241.10	glycerol-3-phosphate dehydrogenase, putative	2,82	5,575E-81
TcCLB.511923.10	mucin-associated surface protein (MASP, pseudogene), putative	2,816	0,05152
TcCLB.511639.9	hypothetical protein, conserved	2,811	5,248E-42
TcCLB.511817.40	NADH-cytochrome b5 reductase, putative	2,808	4,851E-103
TcCLB.511793.30	mucin-associated surface protein (MASP), putative	2,807	0,04639
TcCLB.507923.10	L-threonine 3-dehydrogenase, putative	2,806	5,315E-234
TcCLB.506181.104	acyltransferase-like protein	2,806	6,133E-52
TcCLB.403481.10	trans-sialidase, putative (fragment)	2,803	0,01839
TcCLB.511613.189	mucin TcMUCII, putative	2,802	0,00003532
TcCLB.511277.140	serine/threonine protein kinase, putative	2,801	6,346E-56
TcCLB.510187.100	glucokinase	2,798	1,013E-100
TcCLB.509331.210	NADP-dependent alcohol hydrogenase, putative	2,795	2,891E-40
TcCLB.504005.54	hypothetical protein, conserved	2,79	8,646E-76
TcCLB.508809.40	hypothetical protein, conserved	2,789	6,723E-38
TcCLB.506763.30	mucin-associated surface protein (MASP), putative	2,784	0,04219
TcCLB.511753.120	L-threonine 3-dehydrogenase, putative	2,783	5,371E-267
TcCLB.508303.10	alanine racemase 2, putative	2,782	1,87E-71
TcCLB.507255.20	trans-sialidase, Group II, putative	2,769	4,152E-51
TcCLB.508501.110	mucin TcMUCII, putative	2,767	7,469E-06
TcCLB.507009.40	galactokinase, putative	2,754	5,35E-89
TcCLB.509999.140	RNA-binding protein, putative	2,747	6,087E-12
TcCLB.508595.40	cysteine peptidase, putative	2,744	1,052E-109
TcCLB.506257.98	hypothetical protein, conserved (pseudogene)	2,744	1,847E-64
TcCLB.506025.4	membrane-bound acid phosphatase, putative (fragment)	2,743	7,433E-91
TcCLB.504153.110	hypothetical protein, conserved	2,739	1,353E-72
TcCLB.506147.9	prostaglandin F2alpha synthase (TcPGFS)	2,734	5,931E-182
TcCLB.508139.130	trans-sialidase, Group II, putative	2,733	8,875E-81
TcCLB.506319.60	hypothetical protein, conserved	2,732	1,398E-40

TcCLB.508535.10	NADH-dependent fumarate reductase, putative	2,729	8,797E-234
TcCLB.509641.79	hypothetical protein, conserved (fragment)	2,724	2,322E-37
TcCLB.508923.10	amino acid permease, putative	2,722	4,793E-68
TcCLB.506485.10	hypothetical protein, conserved	2,721	3,676E-37
TcCLB.504557.10	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, pu	2,719	1,487E-23
TcCLB.508405.70	protein kinase, putative	2,716	7,073E-72
TcCLB.510345.9	protein kinase, putative (fragment)	2,715	3,852E-12
TcCLB.511295.10	FKBP-type peptidylprolyl cis-trans isomerase, putative	2,712	1,585E-54
TcCLB.508677.80	NADP-dependent alcohol hydrogenase, putative	2,712	2,149E-42
TcCLB.506563.180	calpain-like cysteine peptidase (pseudogene), putative	2,71	1,406E-82
TcCLB.508761.260	mucin TcMUCII, putative	2,71	3,621E-14
TcCLB.511303.34	Macro domain containing protein, putative	2,708	1,757E-57
TcCLB.506779.200	glycerol-3-phosphate dehydrogenase (pseudogene), putati	2,707	6,657E-112
TcCLB.507167.240	retrotransposon hot spot (RHS) protein, putative	2,699	7,508E-43
TcCLB.505373.10	retrotransposon hot spot (RHS) protein, putative	2,697	8,42E-63
TcCLB.506125.20	hypothetical protein, conserved	2,694	3,569E-80
TcCLB.510131.44	hypothetical protein, conserved	2,679	6,665E-67
TcCLB.427013.10	trans-sialidase, putative (fragment)	2,675	2,964E-20
TcCLB.507153.30	dispersed gene family protein 1 (DGF-1), putative	2,671	1,01E-58
TcCLB.509287.230	trans-sialidase, Group II, putative	2,666	2,8E-76
TcCLB.506993.110	mucin TcMUCII, putative	2,663	0,00001867
TcCLB.508257.30	hypothetical protein, conserved	2,662	1,164E-43
TcCLB.511479.39	hypothetical protein, conserved	2,659	3,265E-63
TcCLB.508081.30	mucin-associated surface protein (MASP), putative	2,654	0,06565
TcCLB.504045.55	hypothetical protein, conserved	2,646	3,542E-115
TcCLB.508831.110	serine/threonine kinase, putative	2,646	3,058E-46
TcCLB.510561.35	hypothetical protein	2,646	0,00771
TcCLB.508425.10	dispersed gene family protein 1 (DGF-1), putative	2,638	7,267E-08
TcCLB.503841.80	NADH-dependent fumarate reductase, putative	2,634	4,815E-21
TcCLB.510213.110	NADH-dependent fumarate reductase, putative	2,633	5,463E-32
TcCLB.504127.20	hypothetical protein	2,632	2,423E-29
TcCLB.504045.110	urocanate hydratase, putative	2,631	7,386E-218
TcCLB.504223.10	amino acid permease, putative	2,623	3,208E-82
TcCLB.510655.120	aminopeptidase P, putative	2,618	6,064E-121
TcCLB.508611.30	surface protease GP63, putative	2,618	3,861E-32
TcCLB.506789.160	hypothetical protein, conserved	2,617	2,945E-90
TcCLB.506593.60	nicotinamidase, putative (PNC1)	2,615	6,441E-94
TcCLB.506549.9	dispersed gene family protein 1 (DGF-1), putative (fragme	2,614	1,448E-75
TcCLB.503969.20	hypothetical protein, conserved	2,613	0,003078
TcCLB.506399.80	hypothetical protein, conserved	2,611	2,008E-49
TcCLB.509601.59	protoheme IX farnesyltransferase, putative	2,61	2,58E-110
TcCLB.510751.4	aminopeptidase P, putative	2,608	3,545E-100
TcCLB.511325.40	amino acid permease, putative	2,608	6,012E-77
TcCLB.438313.9	dispersed gene family protein 1 (DGF-1), putative	2,606	2,038E-49
TcCLB.511277.500	hypothetical protein, conserved	2,601	2,894E-41

TcCLB.506355.10	glucose transporter	2,597	8,236E-85
TcCLB.509229.60	hypothetical protein, conserved	2,596	6,593E-36
TcCLB.504223.30	hypothetical protein, conserved (fragment)	2,595	1,529E-08
TcCLB.509713.20	protein associated with differentiation 4, putative	2,59	0
TcCLB.506629.200	1,2-Dihydroxy-3-keto-5-methylthiopentene dioxygenase, pu	2,589	6,845E-146
TcCLB.509153.10	hypothetical protein, conserved	2,588	3,113E-133
TcCLB.510299.20	hypothetical protein, conserved	2,588	5,075E-59
TcCLB.508609.10	surface protease GP63, putative	2,588	5,121E-37
TcCLB.464807.10	serine/threonine protein kinase, putative	2,587	3,523E-35
TcCLB.503943.14	hypothetical protein, conserved	2,583	2,765E-70
TcCLB.510249.30	hypothetical protein, conserved	2,583	3,023E-13
TcCLB.509177.50	hypothetical protein, conserved	2,582	1,426E-55
TcCLB.504933.10	calpain-like cysteine peptidase, putative	2,582	3,331E-37
TcCLB.506775.180	hypothetical protein, conserved	2,581	1,876E-139
TcCLB.509463.41	retrotransposon hot spot (RHS) protein, putative (fragmen	2,577	3,117E-93
TcCLB.511545.80	L-Lysine transport protein	2,575	2,851E-106
TcCLB.508799.280	protein associated with differentiation 4, putative	2,573	1,012E-89
TcCLB.508551.39	hexose transporter, putative	2,565	5,623E-51
TcCLB.507237.80	mucin-associated surface protein (MASP), putative	2,56	0,009281
TcCLB.440219.10	trans-sialidase, putative (fragment)	2,559	2,217E-48
TcCLB.402919.10	trans-sialidase, putative	2,559	7,621E-12
TcCLB.508109.20	mucin TcMUCII, putative	2,558	0,00001731
TcCLB.503837.10	hypothetical protein, conserved	2,552	4,464E-114
TcCLB.509157.220	hypothetical protein, conserved	2,551	1,349E-66
TcCLB.508399.10	NADH-ubiquinone oxidoreductase, mitochondrial, putative	2,55	6,567E-89
TcCLB.506789.280	methylthioadenosine phosphorylase, putative	2,549	2,944E-89
TcCLB.507101.10	amino acid permease, putative	2,541	9,575E-84
TcCLB.508461.80	prostaglandin F2alpha synthase (TcPGFS)	2,537	2,047E-263
TcCLB.510739.19	cystathione gamma lyase, putative (fragment)	2,535	8,261E-33
TcCLB.509459.79	actin interacting protein-like protein, putative	2,531	1,227E-45
TcCLB.507919.10	surface protease GP63, putative	2,529	8,185E-48
TcCLB.508651.20	cytochrome c oxidase subunit 10, putative	2,528	2,399E-67
TcCLB.510667.140	ribulose-phosphate 3-epimerase, putative	2,525	3,059E-27
TcCLB.506777.64	hypothetical protein, conserved	2,52	3,462E-26
TcCLB.506195.290	hypothetical protein, conserved	2,518	3,361E-82
TcCLB.508501.250	UMP-CMP kinase, mitochondrial, putative	2,516	5,152E-60
TcCLB.509319.90	trypanothione synthetase (TRYS)	2,514	1,239E-70
TcCLB.508451.60	trans-sialidase, Group II, putative	2,511	0,0001621
TcCLB.507125.10	trans-sialidase, Group II, putative	2,506	1,201E-16
TcCLB.511129.60	hypothetical protein, conserved	2,505	6,047E-57
TcCLB.510989.30	guanine nucleotide-binding protein, putative	2,5	8,219E-40
TcCLB.506355.100	hexose transporter (pseudogene), putative	2,498	7,255E-84
TcCLB.508837.189	endoplasmic reticulum oxidoreductin, putative	2,497	2,503E-88
TcCLB.510603.169	hypothetical protein, conserved	2,496	8,53E-14
TcCLB.511051.59	hypothetical protein, conserved	2,491	2,732E-112

TcCLB.506323.30	retrotransposon hot spot (RHS) protein, putative	2,491	1,188E-80
TcCLB.508177.90	hypothetical protein, conserved	2,491	2,276E-76
TcCLB.507837.20	protein kinase, putative	2,485	3,901E-54
TcCLB.507809.39	hypothetical protein, conserved	2,483	1,132E-28
TcCLB.508495.170	mucin TcMUCII, putative	2,483	1,73E-08
TcCLB.509615.50	hypothetical protein	2,478	0,003645
TcCLB.511687.19	voltage-dependent anion-selective channel, putative (fragr	2,476	4,587E-09
TcCLB.510155.110	hypothetical protein, conserved	2,475	1,86E-73
TcCLB.504983.10	hypothetical protein	2,475	4,846E-45
TcCLB.509237.151	calpain-like cysteine peptidase, putative (fragment)	2,47	5,872E-53
TcCLB.504065.10	retrotransposon hot spot protein (RHS, pseudogene), putat	2,47	3,527E-43
TcCLB.511909.30	hypothetical protein, conserved	2,467	1,345E-43
TcCLB.511289.90	hypothetical protein, conserved	2,462	3,909E-99
TcCLB.510605.19	hypothetical protein, conserved	2,457	8,711E-103
TcCLB.506355.5	hexose transporter, putative	2,456	2,814E-27
TcCLB.506275.121	hypothetical protein	2,456	0,004325
TcCLB.511527.70	Unconventional myosin	2,455	7,905E-91
TcCLB.506625.230	hypothetical protein, conserved	2,454	4,377E-24
TcCLB.511073.10	fatty acid desaturase, putative	2,451	6,293E-91
TcCLB.510749.99	aminopeptidase P, putative	2,45	2,431E-19
TcCLB.510741.10	cystathione gamma lyase, putative	2,447	9,678E-44
TcCLB.507167.70	retrotransposon hot spot (RHS) protein, putative	2,446	3,601E-42
TcCLB.510811.10	protein associated with differentiation 4, putative	2,446	1,842E-20
TcCLB.510101.330	hypothetical protein, conserved	2,443	1,399E-98
TcCLB.509617.80	ABC transporter, putative	2,441	1,021E-49
TcCLB.506993.20	mucin TcMUCI, putative	2,44	0,01394
TcCLB.420293.20	trans-sialidase, Group II, putative	2,437	4,043E-29
TcCLB.509703.10	cellulosomal scaffoldin anchoring protein, putative	2,436	2,099E-40
TcCLB.511361.4	hypothetical protein, conserved	2,426	0,0001757
TcCLB.509963.40	dispersed gene family protein 1 (DGF-1), putative	2,425	2,971E-46
TcCLB.511165.109	hypothetical protein, conserved	2,423	2,839E-18
TcCLB.472357.10	trans-sialidase, Group V, putative	2,415	1,442E-22
TcCLB.511759.40	hypothetical protein, conserved	2,412	6,812E-17
TcCLB.402375.10	retrotransposon hot spot protein (RHS, pseudogene), putat	2,411	6,333E-88
TcCLB.506779.80	pantothenate kinase subunit, putative	2,408	3,446E-100
TcCLB.463279.20	trans-sialidase, Group II, putative	2,408	8,884E-45
TcCLB.407477.50	cytochrome c oxidase VIII (COX VIII), putative	2,407	2,649E-119
TcCLB.506263.10	D-isomer specific 2-hydroxyacid dehydrogenase-protein, pu	2,404	5,972E-183
TcCLB.509961.9	cytochrome c oxidase subunit 10, putative	2,403	5,233E-67
TcCLB.510343.15	protein kinase, putative	2,402	3,367E-10
TcCLB.511329.10	Calpain-like protein 2 (CALP2)	2,4	6,447E-72
TcCLB.503959.78	hypothetical protein, conserved	2,395	1,625E-71
TcCLB.510699.50	mucin TcMUCII, putative	2,395	5,219E-12
TcCLB.468803.10	surface protease GP63, putative	2,392	0,0001478
TcCLB.510407.30	hypothetical protein, conserved	2,391	4,351E-43

TcCLB.507617.9	prostaglandin F2alpha synthase (TcPGFS)	2,386	6,616E-198
TcCLB.505057.20	hypothetical protein	2,386	1,862E-36
TcCLB.507951.299	5-histidylcysteine sulfoxide synthase	2,385	1,022E-114
TcCLB.426799.9	hypothetical protein, conserved (fragment)	2,385	1,267E-10
TcCLB.508999.200	cysteine peptidase, Clan CA, family C2, putative	2,382	1,827E-85
TcCLB.508551.30	hexose transporter, putative	2,382	7,074E-73
TcCLB.509739.10	trans-sialidase, Group II, putative	2,382	3,499E-30
TcCLB.416605.20	mucin TcMUCII (pseudogene), putative	2,375	0,00001375
TcCLB.508823.70	P27 protein, putative (P27)	2,374	2,559E-226
TcCLB.510581.20	receptor-type adenylate cyclase, putative	2,372	6,333E-26
TcCLB.506529.360	cytochrome oxidase subunit IV, putative (COXIV)	2,369	2,228E-172
TcCLB.510359.570	mucin-associated surface protein (MASP), putative	2,368	1,854E-28
TcCLB.511907.89	hypothetical protein, conserved	2,368	8,036E-19
TcCLB.511335.9	calpain-like cysteine peptidase, putative (fragment)	2,367	3,945E-11
TcCLB.507125.30	retrotransposon hot spot protein (RHS, pseudogene), putat	2,366	6,119E-08
TcCLB.508621.10	protein kinase, putative	2,363	2,03E-56
TcCLB.509937.200	hypothetical protein, conserved	2,363	4,424E-46
TcCLB.507149.20	retrotransposon hot spot protein (RHS, pseudogene), putat	2,361	9,815E-07
TcCLB.511151.80	hypothetical protein, conserved	2,36	3,877E-68
TcCLB.511255.604	mucin TcMUCII, putative	2,358	0,0006141
TcCLB.510623.39	mucin-associated surface protein (MASP, pseudogene), pu	2,358	0,05597
TcCLB.508207.70	Adenine phosphoribosyltransferase, putative	2,357	1,027E-51
TcCLB.511075.9	fatty acid desaturase, putative (fragment)	2,354	6,439E-63
TcCLB.507515.90	hypothetical protein, conserved	2,354	5,495E-55
TcCLB.508023.100	trans-sialidase, Group IV, putative	2,354	2,092E-09
TcCLB.506731.10	hypothetical protein	2,35	6,924E-13
TcCLB.510339.80	hypothetical protein, conserved	2,349	1,961E-143
TcCLB.511575.30	hypothetical protein, conserved	2,344	1,415E-45
TcCLB.511671.80	serine/threonine kinase, putative	2,342	1,365E-34
TcCLB.508669.10	hypothetical protein, conserved	2,338	1,522E-57
TcCLB.511053.10	hypothetical protein, conserved	2,338	5,306E-31
TcCLB.510659.240	lactoylglutathione lyase-like protein, putative	2,336	8,819E-59
TcCLB.506717.130	trans-sialidase (pseudogene), putative	2,335	3,812E-34
TcCLB.506211.140	hypothetical protein, conserved	2,334	2,289E-107
TcCLB.511389.110	cytochrome c oxidase VIII (COX VIII), putative	2,333	1,316E-122
TcCLB.508193.60	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, pu	2,333	6,527E-23
TcCLB.508493.110	mucin-associated surface protein (MASP), putative	2,331	3,998E-11
TcCLB.511817.20	hypothetical protein, conserved	2,33	4,144E-73
TcCLB.507561.10	trans-sialidase, putative	2,33	0,01825
TcCLB.504131.90	hypothetical protein, conserved	2,327	6,211E-69
TcCLB.509461.10	actin interacting protein-like protein, putative	2,327	7,824E-56
TcCLB.504197.5	mucin-associated surface protein (MASP), putative (fragm	2,327	0,1053
TcCLB.401183.10	trans-sialidase, putative (fragment)	2,325	9,797E-09
TcCLB.510791.50	mucin TcMUCII, putative	2,325	0,0000185
TcCLB.507085.150	mucin-associated surface protein (MASP), putative	2,324	9,267E-15

TcCLB.511127.80	hypothetical protein, conserved	2,323	3,962E-47
TcCLB.511039.30	hypothetical protein, conserved	2,322	9,614E-39
TcCLB.508677.134	hypothetical protein, conserved	2,321	4,105E-39
TcCLB.507869.10	NADH-ubiquinone oxidoreductase, mitochondrial, putative	2,318	6,72E-77
TcCLB.508849.11	trans-sialidase, putative (fragment)	2,318	0,005908
TcCLB.508741.229	Mitochondrial outer membrane protein porin, putative (VD)	2,314	2,52E-144
TcCLB.509747.80	hypothetical protein, conserved	2,314	1,759E-25
TcCLB.511613.180	mucin-associated surface protein (MASP), putative	2,313	0,00004936
TcCLB.509059.50	pyridoxal kinase, putative	2,311	3,675E-79
TcCLB.504069.120	amino acid permease 24, putative (AAP24)	2,308	1,053E-43
TcCLB.510747.10	hypothetical protein, conserved	2,307	6,61E-31
TcCLB.424195.5	hypothetical protein, conserved	2,307	0,002473
TcCLB.506459.219	mucin TcMUCII, putative	2,303	0,00002699
TcCLB.508195.10	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, pu	2,3	2,75E-22
TcCLB.506759.140	90 kDa surface protein, putative	2,3	0,05631
TcCLB.509003.60	hypothetical protein, conserved	2,298	1,927E-52
TcCLB.505945.20	ribonuclease mar1, putative	2,297	5,107E-57
TcCLB.503943.20	hypothetical protein, conserved	2,294	1,383E-113
TcCLB.510103.30	protein associated with differentiation 4, putative	2,292	3,27E-88
TcCLB.503501.14	mucin TcMUCII, putative	2,289	0,005912
TcCLB.510005.20	trans-sialidase, Group II, putative	2,288	4,079E-20
TcCLB.508761.80	mucin TcMUCII, putative	2,288	0,001924
TcCLB.510155.160	protein kinase, putative	2,286	2,059E-90
TcCLB.510305.70	hypothetical protein, conserved	2,286	5,809E-39
TcCLB.508141.90	hypothetical protein, conserved	2,283	1,093E-39
TcCLB.509753.90	trans-sialidase (pseudogene), putative	2,283	8,761E-17
TcCLB.508737.70	cytochrome b5-dependent oleate desaturase	2,28	2,7E-107
TcCLB.511301.90	protein kinase, putative	2,28	6,406E-51
TcCLB.504557.20	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, pu	2,28	9,274E-22
TcCLB.507723.100	cytochrome oxidase subunit IX, putative (COXIX)	2,276	3,158E-80
TcCLB.509463.20	hypothetical protein, conserved	2,276	1,245E-43
TcCLB.507317.34	hypothetical protein, conserved	2,272	1,01E-40
TcCLB.507889.20	hypothetical protein, conserved	2,269	3,628E-21
TcCLB.504587.40	mucin TcMUCII, putative	2,267	0,00004719
TcCLB.504867.70	cytochrome c oxidase assembly protein, putative	2,265	1,877E-63
TcCLB.510725.40	hypothetical protein, conserved	2,265	9,064E-58
TcCLB.505945.90	folate/pteridine transporter, putative	2,264	7,66E-92
TcCLB.506563.210	cysteine peptidase, Clan CA, family C2, putative	2,259	3,296E-157
TcCLB.506405.43	hypothetical protein, conserved	2,259	2,296E-25
TcCLB.506797.110	hypothetical protein, conserved	2,259	7,105E-20
TcCLB.508799.150	nucleoside transporter-like, putative	2,258	2,717E-67
TcCLB.506801.30	hypothetical protein	2,257	4,145E-15
TcCLB.506879.40	mucin-associated surface protein (MASP, pseudogene), pu	2,256	0,0001499
TcCLB.508055.40	surface protease GP63 (pseudogene), putative	2,254	0,06875
TcCLB.509895.30	hypothetical protein, conserved	2,253	7,358E-146



TcCLB.511807.130	hypothetical protein, conserved	2,253	3,561E-08
TcCLB.507233.110	mismatch repair protein MSH4, putative	2,248	1,368E-87
TcCLB.508495.80	mucin-associated surface protein (MASP, pseudogene), pu	2,248	0,02624
TcCLB.511859.150	mucin-like glycoprotein, putative	2,247	1,257E-30
TcCLB.508985.21	mucin TcMUCII, putative (fragment)	2,247	0,1324
TcCLB.510507.40	transmembrane amino acid transporter, putative	2,246	1,832E-46
TcCLB.511325.50	amino acid permease, putative	2,245	4,384E-19
TcCLB.504669.50	mucin TcMUCl, putative	2,244	1,241E-07
TcCLB.508231.9	hexose transporter, putative	2,243	9,965E-55
TcCLB.508737.10	surface antigen TASV-C2, putative (TASV-C2)	2,242	8,197E-56
TcCLB.507143.80	hypothetical protein, conserved	2,242	2,106E-29
TcCLB.509197.20	cation transporter, putative	2,241	1,637E-06
TcCLB.509669.30	ABC transporter, putative	2,24	6,136E-46
TcCLB.510785.10	hypothetical protein	2,24	2,151E-38
TcCLB.510561.30	mucin-associated surface protein (MASP), putative	2,239	0,1242
TcCLB.511859.130	mucin-like glycoprotein, putative	2,237	2,669E-27
TcCLB.503501.7	mucin-associated surface protein (MASP), putative (fragm	2,236	0,1228
TcCLB.510661.250	cystathione gamma lyase, putative	2,234	5,303E-147
TcCLB.503879.110	hypothetical protein, conserved	2,233	9,845E-73
TcCLB.509333.10	trans-sialidase, Group III, putative	2,232	1,441E-64
TcCLB.511657.40	hypothetical protein, conserved	2,232	1,605E-40
TcCLB.507479.29	retrotransposon hot spot protein (RHS, pseudogene), putat	2,229	1,705E-16
TcCLB.509267.30	hypothetical protein, conserved	2,228	5,833E-24
TcCLB.505683.10	sterol 24-c-methyltransferase, putative	2,225	4,488E-78
TcCLB.506753.150	hypothetical protein, conserved	2,225	2,57E-22
TcCLB.510669.5	ribulose-phosphate 3-epimerase, putative (fragment)	2,225	0,00002284
TcCLB.510843.10	beta galactofuranosyl glycosyltransferase (pseudogene), pi	2,224	1,21E-41
TcCLB.509329.31	trans-sialidase, putative	2,224	0,008186
TcCLB.510863.9	hypothetical protein	2,222	5,115E-12
TcCLB.507641.64	hypothetical protein, conserved	2,221	1,917E-84
TcCLB.506853.50	2-oxoisovalerate dehydrogenase alpha subunit, putative	2,221	7,69E-76
TcCLB.503791.30	hypothetical protein, conserved	2,22	2,735E-119
TcCLB.506735.30	hypothetical protein, conserved	2,22	1,469E-45
TcCLB.506123.70	hypothetical protein, conserved	2,218	3,665E-12
TcCLB.508119.70	mucin TcMUCII, putative	2,218	1,717E-11
TcCLB.509441.10	hypothetical protein, conserved	2,215	4,005E-55
TcCLB.474079.10	trans-sialidase, putative	2,213	9,804E-26
TcCLB.507969.40	hypothetical protein, conserved	2,209	9,058E-31
TcCLB.506529.550	cysteine peptidase, putative	2,208	8,474E-61
TcCLB.509053.30	hypothetical protein, conserved	2,207	3,297E-106
TcCLB.509257.10	trans-sialidase, Group II, putative	2,206	2,221E-56
TcCLB.410241.10	retrotransposon hot spot protein (RHS, pseudogene), putat	2,204	0,004482
TcCLB.511099.160	mucin TcMUCII, putative	2,197	0,0003316
TcCLB.508821.40	hypothetical protein, conserved	2,196	7,234E-106
TcCLB.507211.20	protein kinase, putative	2,195	3,845E-07

TcCLB.506203.60	hypothetical protein, conserved	2,189	2,742E-53
TcCLB.504163.60	hypothetical protein, conserved	2,189	2,107E-35
TcCLB.511591.10	mucin-associated surface protein (MASP), putative	2,189	0,03014
TcCLB.504033.80	hypothetical protein, conserved	2,188	7,823E-118
TcCLB.509207.90	pyrroline-5-carboxylate reductase, putative (P5CR)	2,183	3,866E-94
TcCLB.507219.20	retrotransposon hot spot protein (RHS, pseudogene), putat	2,183	4,667E-76
TcCLB.506931.10	haloacid dehalogenase-like hydrolase, putative	2,183	1,007E-38
TcCLB.507491.39	hypothetical protein, conserved	2,183	2,16E-21
TcCLB.510329.150	hypothetical protein, conserved	2,181	1,273E-74
TcCLB.511361.10	kinesin-like protein (pseudogene), putative	2,181	3,606E-41
TcCLB.509859.10	hypothetical protein, conserved	2,177	1,399E-98
TcCLB.511037.20	L-2-hydroxyglutarate dehydrogenase, mitochondrial, putati	2,177	3,621E-59
TcCLB.509853.10	mannosyl-oligosaccharide 1,2-alpha-mannosidase IB, puta	2,177	1,184E-51
TcCLB.506179.5	ferric reductase transmembrane protein, putative (fragme	2,177	0,0004931
TcCLB.507773.10	trans-sialidase, Group IV, putative	2,173	2,109E-24
TcCLB.507523.75	mucin TcMUCII (pseudogene), putative	2,172	0,0001958
TcCLB.509109.14	hypothetical protein, conserved (fragment)	2,171	1,014E-25
TcCLB.507771.70	hypothetical protein, conserved	2,163	2,399E-79
TcCLB.510565.30	cytochrome c oxidase subunit V, putative	2,161	5,077E-127
TcCLB.511693.110	hypothetical protein, conserved	2,159	4,081E-36
TcCLB.509329.9	retrotransposon hot spot (RHS) protein, putative	2,158	5,7E-22
TcCLB.503731.9	hypothetical protein (fragment)	2,157	0,00001068
TcCLB.505621.10	mucin-associated surface protein (MASP, pseudogene), pu	2,154	1,564E-25
TcCLB.510591.30	retrotransposon hot spot protein (RHS, pseudogene), putat	2,152	9,441E-09
TcCLB.511661.80	hypothetical protein, conserved	2,151	3,846E-31
TcCLB.508211.60	hypothetical protein, conserved	2,149	1,469E-51
TcCLB.504153.30	hypothetical protein, conserved	2,147	8,042E-51
TcCLB.511613.120	mucin TcMUCII, putative	2,146	0,00629
TcCLB.507611.280	cytochrome oxidase subunit IX, putative (COXIX)	2,145	5,514E-78
TcCLB.508465.40	hypothetical protein, conserved	2,143	1,035E-51
TcCLB.508121.120	mucin TcMUCII, putative	2,143	0,0004603
TcCLB.509799.140	L-2-hydroxyglutarate dehydrogenase, mitochondrial, putati	2,142	8,535E-56
TcCLB.508873.430	trans-sialidase (pseudogene), putative	2,142	2,884E-18
TcCLB.509109.160	hypothetical protein, conserved	2,141	2,785E-15
TcCLB.466593.10	hypothetical protein, conserved	2,14	1,646E-23
TcCLB.503461.20	per-hexamer repeat protein 5, putative	2,139	7,173E-34
TcCLB.508163.310	mucin TcMUCII, putative	2,138	2,293E-08
TcCLB.507719.9	dispersed gene family protein 1 (DGF-1), putative	2,137	5,785E-52
TcCLB.504143.10	hypothetical protein, conserved	2,136	1,103E-26
TcCLB.506543.40	hypothetical protein, conserved	2,134	6,267E-22
TcCLB.509429.329	cruzipain precursor, putative (fragment)	2,133	1,469E-213
TcCLB.511151.90	glycerol-3-phosphate dehydrogenase, putative	2,133	3,448E-132
TcCLB.506417.5	endoribonuclease L-PSP (pb5), putative	2,133	4,72E-63
TcCLB.508701.20	cation transporter, putative	2,133	5,021E-06
TcCLB.507129.5	hypothetical protein, conserved (fragment)	2,131	4,324E-09

TcCLB.504081.500	mucin TcMUCII, putative	2,131	0,01658
TcCLB.506243.10	retrotransposon hot spot protein (RHS, pseudogene), putative	2,129	3,22E-55
TcCLB.509429.280	hypothetical protein	2,127	1,113E-50
TcCLB.508173.140	hypothetical protein	2,126	6,448E-53
TcCLB.507669.220	hypothetical protein, conserved	2,124	1,602E-57
TcCLB.510245.10	amino acid permease, putative	2,122	5,177E-86
TcCLB.508495.150	mucin-associated surface protein (MASP, pseudogene), putative	2,122	0,00000488
TcCLB.506001.30	hypothetical protein	2,119	0,01619
TcCLB.510101.50	lanosterol 14-alpha-demethylase, putative	2,117	1,118E-189
TcCLB.508737.210	Mitochondrial outer membrane protein porin, putative (VD)	2,117	4,214E-102
TcCLB.510581.9	receptor-type adenylate cyclase, putative (fragment)	2,117	5,29E-27
TcCLB.511439.30	lipase, putative	2,117	5,588E-16
TcCLB.508257.220	expression site-associated gene (ESAG-like) protein, putative	2,116	1,459E-68
TcCLB.510033.14	mucin-associated surface protein (MASP, pseudogene), putative	2,112	4,931E-27
TcCLB.509001.30	hypothetical protein, conserved	2,109	2,933E-29
TcCLB.482369.29	arginine kinase (fragment)	2,109	8,8E-18
TcCLB.508241.20	hypothetical protein, conserved	2,108	3,936E-69
TcCLB.510945.70	aspartate aminotransferase, mitochondrial, putative	2,107	3,823E-56
TcCLB.426897.10	hypothetical protein	2,105	2,372E-40
TcCLB.506679.270	hypothetical protein, conserved	2,102	9,456E-51
TcCLB.510357.40	hypothetical protein, conserved	2,101	5,841E-24
TcCLB.509437.160	trans-sialidase, Group IV, putative	2,099	5,64E-25
TcCLB.508555.50	calpain-like cysteine peptidase, putative	2,097	2,403E-36
TcCLB.509105.70	thiol-dependent reductase 1, putative (TcAc2)	2,095	2,147E-108
TcCLB.508267.50	hypothetical protein, conserved	2,09	2,863E-39
TcCLB.504069.20	cytochrome c oxidase subunit VI, putative	2,089	1,82E-64
TcCLB.510093.10	ATPase, putative	2,087	0,03825
TcCLB.508267.30	hypothetical protein, conserved	2,085	3,796E-57
TcCLB.506767.310	trans-sialidase (pseudogene), putative	2,085	7,061E-10
TcCLB.511605.55	hypothetical protein	2,083	0,001055
TcCLB.511545.90	hypothetical protein	2,081	1,497E-44
TcCLB.508567.70	peptidyl-prolyl cis-trans isomerase (PIN1)	2,081	9,3E-38
TcCLB.510609.50	nuclear receptor binding factor, putative	2,08	2,477E-34
TcCLB.511775.21	mitochondrial RNA editing ligase 1 (pseudogene), putative	2,079	0,158
TcCLB.506635.60	pyroglutamyl-peptidase I, putative (PPI)	2,077	8,267E-47
TcCLB.510943.50	delta-1-pyrroline-5-carboxylate dehydrogenase, putative	2,076	7,668E-85
TcCLB.511817.210	protein kinase, putative	2,076	2,249E-29
TcCLB.510483.210	trans-sialidase (pseudogene), putative	2,076	2,063E-22
TcCLB.509239.10	fatty acid desaturase, putative	2,075	3,767E-92
TcCLB.509365.20	dispersed gene family protein 1 (DGF-1, pseudogene), putative	2,073	1,656E-23
TcCLB.510491.60	trans-sialidase, Group IV, putative	2,072	4,668E-37
TcCLB.504801.20	surface protease GP63, putative	2,072	0,006731
TcCLB.507359.20	surface antigen TASV, putative	2,072	0,01345
TcCLB.505683.5	hypothetical protein	2,071	9,178E-67
TcCLB.509693.209	mismatch repair protein, putative	2,071	7,812E-33

TcCLB.511361.20	hypothetical protein, conserved	2,071	6,965E-10
TcCLB.506297.230	hypothetical protein, conserved	2,07	1,199E-31
TcCLB.506965.90	mucin TcMUCII, putative	2,069	0,0002161
TcCLB.510185.10	sterol 24-c-methyltransferase, putative	2,065	7,307E-69
TcCLB.510673.10	dispersed gene family protein 1 (DGF-1, pseudogene), putative	2,063	5,349E-27
TcCLB.506893.100	UMP-CMP kinase, mitochondrial, putative	2,062	1,587E-37
TcCLB.507393.9	dispersed gene family protein 1 (DGF-1), putative	2,061	5,066E-32
TcCLB.503975.50	hypothetical protein, conserved	2,06	1,02E-83
TcCLB.508739.21	mucin TcSMUGS (pseudogene), putative	2,06	5,087E-37
TcCLB.504393.10	hypothetical protein	2,06	0,002387
TcCLB.508823.10	hypothetical protein, conserved	2,059	1,476E-52
TcCLB.508201.40	mucin TcMUCII, putative	2,059	7,99E-10
TcCLB.507631.20	hypothetical protein, conserved	2,057	1,668E-26
TcCLB.510829.10	hypothetical protein, conserved	2,053	1,354E-39
TcCLB.508781.110	2-oxoisovalerate dehydrogenase alpha subunit, putative	2,048	8,714E-51
TcCLB.511393.10	nonspecific lipid-transfer protein, putative	2,048	1,503E-31
TcCLB.508677.160	hypothetical protein, conserved	2,046	1,597E-38
TcCLB.503943.10	serine/threonine protein kinase, putative (fragment)	2,045	8,852E-61
TcCLB.510445.10	casein kinase 1 isoform 2, putative	2,044	4,98E-17
TcCLB.507275.40	hypothetical protein, conserved	2,043	2,848E-18
TcCLB.507429.10	mucin TcMUCII (pseudogene), putative	2,043	0,00007385
TcCLB.511809.30	hypothetical protein, conserved	2,041	1,764E-53
TcCLB.509449.10	receptor-type adenylate cyclase, putative	2,041	6,654E-24
TcCLB.445783.10	mucin-associated surface protein (MASP, pseudogene), putative	2,041	0,001427
TcCLB.507443.30	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, putative	2,04	3,349E-09
TcCLB.505945.60	hypothetical protein, conserved	2,039	2,177E-46
TcCLB.511237.30	proline oxidase (pseudogene), putative	2,038	1,417E-48
TcCLB.509327.10	retrotransposon hot spot protein (RHS, pseudogene), putative	2,038	5,805E-26
TcCLB.506821.210	cytochrome-b5 reductase, putative	2,037	1,218E-63
TcCLB.511843.10	mucin-associated surface protein (MASP), putative	2,037	0,00001027
TcCLB.509397.9	dispersed gene family protein 1 (DGF-1), putative (fragment)	2,036	9,873E-13
TcCLB.511839.10	mucin TcMUCII, putative	2,036	0,001949
TcCLB.508569.10	hypothetical protein, conserved	2,032	0,00002306
TcCLB.506537.80	trans-sialidase, Group II, putative	2,031	5,064E-07
TcCLB.510889.50	cytochrome oxidase subunit IV, putative (COXIV)	2,03	1,006E-89
TcCLB.507483.39	calmodulin (CALA2)	2,03	6,005E-07
TcCLB.511333.10	calpain-like cysteine peptidase, putative	2,024	2,203E-09
TcCLB.506819.30	superoxide dismutase, putative	2,019	2,113E-38
TcCLB.506693.20	hypothetical protein, conserved	2,019	2,364E-29
TcCLB.511117.30	trans-sialidase, Group II, putative	2,018	1,485E-06
TcCLB.507645.50	hypothetical protein, conserved	2,013	5,082E-30
TcCLB.507967.20	hypothetical protein, conserved	2,012	5,806E-28
TcCLB.503779.20	hypothetical protein, conserved	2,011	3,087E-42
TcCLB.510039.80	hypothetical protein, conserved	2,011	1,131E-35
TcCLB.509217.30	retrotransposon hot spot protein (RHS, pseudogene), putative	2,01	1,725E-06

TcCLB.507357.130	mucin TcMUCII, putative	2,01	0,005202
TcCLB.511895.20	hypothetical protein	2,008	2,394E-37
TcCLB.510233.39	trans-sialidase, putative (fragment)	2,007	0,04311
TcCLB.508013.60	hypothetical protein	2,005	0,00535
TcCLB.508747.40	mucin TcMUCII, putative	2,004	7,283E-11
TcCLB.506799.40	hypothetical protein	2,004	1,048E-10
TcCLB.506717.140	retrotransposon hot spot protein (RHS, pseudogene), putative	2,003	0,00000144
TcCLB.509141.40	Mitochondrial outer membrane protein porin, putative (VD)	2,002	2,972E-51
TcCLB.509205.60	hypothetical protein, conserved	2,001	1,867E-62
TcCLB.426435.9	fatty acid desaturase, putative	2	6,427E-76
TcCLB.506377.10	trans-sialidase, putative	2	1,653E-35
TcCLB.508589.5	trans-sialidase, putative (fragment)	1,999	0,0003509
TcCLB.510677.9	dispersed gene family protein 1 (DGF-1), putative (fragment)	1,995	3,122E-32
TcCLB.430539.10	hypothetical protein, conserved (fragment)	1,993	8,636E-08
TcCLB.510139.10	mucin-associated surface protein (MASP, pseudogene), putative	1,992	8,846E-07
TcCLB.508297.50	short chain dehydrogenase, putative	1,991	3,322E-34
TcCLB.506683.110	trans-sialidase, Group VIII, putative	1,989	1,758E-30
TcCLB.506417.10	multidrug resistance protein A (pseudogene), putative	1,988	6,739E-190
TcCLB.506475.100	conserved protein, unknown function	1,987	3,602E-31
TcCLB.507625.60	dispersed gene family protein 1 (DGF-1, pseudogene), putative	1,987	2,231E-27
TcCLB.511817.60	hypothetical protein, conserved	1,987	4,652E-23
TcCLB.509197.10	cation transporter, putative	1,987	0,00001192
TcCLB.509453.79	hypothetical protein, conserved	1,984	4,099E-74
TcCLB.506743.135	trans-sialidase (pseudogene), putative	1,984	1,282E-08
TcCLB.509217.90	mucin-associated surface protein (MASP), putative	1,979	0,0003101
TcCLB.511627.130	hypothetical protein, conserved	1,978	1,121E-48
TcCLB.508023.40	retrotransposon hot spot (RHS) protein, putative	1,978	4,751E-25
TcCLB.509265.10	retrotransposon hot spot (RHS) protein, putative	1,976	9,804E-50
TcCLB.510843.19	trans-sialidase, putative (fragment)	1,974	6,71E-09
TcCLB.508025.10	retrotransposon hot spot (RHS) protein, putative (fragment)	1,973	2,139E-08
TcCLB.510191.20	mucin TcMUCII, putative	1,971	0,02365
TcCLB.398477.10	trans-sialidase, Group II, putative	1,97	0,0001414
TcCLB.511687.10	Mitochondrial outer membrane protein porin, putative (VD)	1,969	4,737E-54
TcCLB.509331.70	3-oxo-5-alpha-steroid 4-dehydrogenase, putative	1,968	7,477E-43
TcCLB.506199.20	hypothetical protein, conserved	1,968	1,998E-18
TcCLB.511383.80	hypothetical protein, conserved	1,967	7,378E-20
TcCLB.511255.700	trans-sialidase, Group V, putative	1,966	0,00000268
TcCLB.509281.20	trans-sialidase, Group II, putative	1,965	0,00009676
TcCLB.510659.20	hypothetical protein, conserved	1,964	2,386E-35
TcCLB.508501.70	mucin TcMUCII, putative	1,964	1,503E-07
TcCLB.509667.10	dispersed gene family protein 1 (DGF-1), putative	1,962	5,368E-18
TcCLB.510039.30	mucin-associated surface protein (MASP), putative	1,961	9,536E-11
TcCLB.507559.80	deoxyribose-phosphate aldolase, putative	1,959	2,28E-90
TcCLB.503887.40	hypothetical protein, conserved	1,959	1,675E-76
TcCLB.508387.20	methylthioadenosine phosphorylase, putative	1,958	4,214E-53

TcCLB.503393.10	amino acid permease, putative (fragment)	1,958	1,807E-13
TcCLB.510165.70	retrotransposon hot spot protein (RHS, pseudogene), putat	1,958	1,072E-07
TcCLB.508495.50	mucin TcMUCII, putative	1,957	2,307E-09
TcCLB.511573.30	hypothetical protein, conserved	1,949	8,238E-27
TcCLB.508109.30	mucin-associated surface protein (MASP), putative	1,949	0,02538
TcCLB.510669.49	Gim5A protein, putative	1,948	6,619E-58
TcCLB.508677.60	hypothetical protein	1,948	5,082E-09
TcCLB.506615.100	mucin-associated surface protein (MASP), putative	1,947	8,842E-15
TcCLB.511693.10	hypothetical protein	1,946	1,214E-83
TcCLB.508799.230	hypothetical protein, conserved	1,946	1,442E-44
TcCLB.508811.40	hypothetical protein	1,945	3,168E-40
TcCLB.508571.10	hypothetical protein	1,945	9,846E-16
TcCLB.503975.70	hypothetical protein, conserved	1,941	5,106E-53
TcCLB.503577.9	delta-1-pyrroline-5-carboxylate dehydrogenase (pseudoger	1,941	8,064E-30
TcCLB.508971.40	acetylornithine deacetylase-like, putative	1,94	6,246E-114
TcCLB.509493.20	mucin TcMUCII, putative	1,94	3,369E-06
TcCLB.508557.29	hypothetical protein, conserved	1,937	2,984E-62
TcCLB.506145.70	hypothetical protein, conserved	1,936	7,293E-26
TcCLB.511821.20	hypothetical protein, conserved	1,936	6,48E-23
TcCLB.508153.700	hypothetical protein, conserved	1,935	6,962E-29
TcCLB.506417.83	multidrug resistance-associated protein (pseudogene), put	1,934	2,86E-34
TcCLB.509493.80	mucin TcMUCII, putative	1,934	6,536E-12
TcCLB.507709.90	sterol C-24 reductase, putative	1,933	9,532E-42
TcCLB.509129.10	Mitochondrial outer membrane protein porin, putative (VD	1,932	1,178E-90
TcCLB.504205.20	trans-sialidase (pseudogene), putative	1,932	1,728E-07
TcCLB.506999.60	hypothetical protein, conserved	1,929	9,464E-46
TcCLB.508293.44	mucin-associated surface protein (MASP, pseudogene), pu	1,928	0,06372
TcCLB.503855.40	calpain-like cysteine peptidase, putative	1,927	3,462E-50
TcCLB.503415.40	hypothetical protein	1,927	6,22E-28
TcCLB.507611.170	trans-sialidase, Group II, putative	1,926	0,0003882
TcCLB.509601.5	mannosyl-oligosaccharide 1,2-alpha-mannosidase IB, puta	1,925	3,454E-07
TcCLB.508495.140	mucin TcMUCII, putative	1,924	3,367E-06
TcCLB.508257.70	phosphomannomutase-like protein, putative	1,922	1,048E-57
TcCLB.503745.25	hypothetical protein, conserved	1,922	3,267E-18
TcCLB.509331.160	hypothetical protein, conserved	1,921	5,544E-29
TcCLB.504085.60	CMP-sialic acid transporter, putative	1,921	2,558E-28
TcCLB.510331.10	trans-sialidase, Group III, putative	1,921	1,316E-18
TcCLB.504423.10	hypothetical protein, conserved	1,92	2,764E-19
TcCLB.416619.10	trans-sialidase, putative (fragment)	1,92	0,01842
TcCLB.508023.80	retrotransposon hot spot protein (RHS, pseudogene), putat	1,919	1,215E-21
TcCLB.511487.90	trans-sialidase, Group V, putative	1,919	0,00000212
TcCLB.505037.30	hypothetical protein, conserved	1,918	1,067E-12
TcCLB.507963.20	arginase, putative	1,914	5,685E-47
TcCLB.511815.100	hypothetical protein, conserved	1,913	7,639E-35
TcCLB.507527.50	cation transporter, putative	1,913	0,0006014

TcCLB.506407.10	lysosomal alpha-mannosidase precursor, putative	1,912	2,279E-70
TcCLB.506759.190	surface protease GP63 (pseudogene), putative	1,911	0,06014
TcCLB.506825.10	RNA-binding protein, putative	1,91	0,006898
TcCLB.509967.20	mismatch repair protein MSH4, putative	1,908	3,571E-40
TcCLB.511817.134	hypothetical protein, conserved	1,908	2,693E-26
TcCLB.508501.40	mucin TcMUCII, putative	1,907	1,615E-10
TcCLB.506529.430	alanine aminotransferase, putative	1,907	3,184E-07
TcCLB.509699.150	mucin TcMUCII, putative	1,906	0,06774
TcCLB.510625.79	mucin TcMUCII (pseudogene), putative	1,905	0,03027
TcCLB.511585.120	hypothetical protein, conserved	1,904	4,697E-49
TcCLB.509429.320	cysteine peptidase, putative	1,903	4,903E-191
TcCLB.511553.90	mucin TcMUCII, putative	1,902	0,0001489
TcCLB.510621.55	mucin TcMUCII (pseudogene), putative	1,901	0,009107
TcCLB.508999.190	calpain-like cysteine peptidase, putative	1,9	2,205E-139
TcCLB.509011.10	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase (p:	1,898	3,122E-09
TcCLB.509825.40	hypothetical protein, conserved	1,894	5,511E-48
TcCLB.506989.140	Elongation factor Ts, mitochondrial, putative (EF-Ts)	1,893	8,861E-46
TcCLB.508461.280	protein kinase A catalytic subunit isoform 2, putative	1,892	1,353E-32
TcCLB.510129.11	surface glycoprotein, putative	1,891	3,038E-25
TcCLB.510603.10	hypothetical protein, conserved	1,891	7,36E-14
TcCLB.506219.20	hypothetical protein	1,891	1,575E-13
TcCLB.511571.20	hypothetical protein, conserved	1,889	6,219E-50
TcCLB.509419.70	trans-sialidase, Group V, putative	1,887	0,00004123
TcCLB.506499.149	mucin TcMUCII, putative	1,887	0,0008859
TcCLB.505201.9	retrotransposon hot spot (RHS) protein, putative	1,886	5,492E-24
TcCLB.508043.10	trans-sialidase, putative	1,886	7,179E-08
TcCLB.511761.60	hypothetical protein, conserved	1,885	5,629E-19
TcCLB.507821.130	trans-sialidase, Group II, putative	1,885	1,665E-09
TcCLB.510101.380	hypothetical protein, conserved	1,883	3,506E-59
TcCLB.509695.100	hypothetical protein, conserved	1,883	1,658E-27
TcCLB.508931.40	hypothetical protein, conserved	1,883	1,683E-15
TcCLB.510005.41	retrotransposon hot spot (RHS) protein, putative	1,881	1,822E-52
TcCLB.508207.90	hypothetical protein, conserved	1,879	2,818E-30
TcCLB.509597.20	carbonic anhydrase-like protein, putative	1,878	7,88E-73
TcCLB.509387.19	trans-sialidase, putative	1,878	1,898E-24
TcCLB.508013.90	hypothetical protein	1,878	0,005692
TcCLB.506945.190	cytochrome p450-like protein, putative	1,877	1,187E-78
TcCLB.509157.90	hypothetical protein, conserved	1,874	2,002E-85
TcCLB.511213.50	mucin TcMUCII, putative	1,873	9,702E-08
TcCLB.503581.30	hypothetical protein, conserved	1,872	1,617E-29
TcCLB.504203.40	hypothetical protein, conserved	1,87	2,84E-79
TcCLB.508799.260	hypothetical protein, conserved	1,87	3,328E-66
TcCLB.508023.60	trans-sialidase (pseudogene), putative	1,87	6,999E-22
TcCLB.510017.40	mucin TcMUCII, putative	1,87	0,03101
TcCLB.510583.100	mucin TcMUCII, putative	1,87	0,06515

TcCLB.507241.30	arginine kinase	1,869	7,609E-18
TcCLB.510621.70	mucin TcMUCII, putative	1,869	0,03052
TcCLB.509601.150	hypothetical protein, conserved	1,865	1,029E-39
TcCLB.506459.149	mucin-associated surface protein (MASP), putative	1,865	1,285E-21
TcCLB.506189.20	hypothetical protein, conserved	1,864	2,104E-22
TcCLB.505647.40	endoribonuclease L-PSP (pb5), putative	1,863	2,362E-119
TcCLB.508699.70	hypothetical protein, conserved	1,862	7,382E-46
TcCLB.507085.70	mucin-associated surface protein (MASP, pseudogene), pu	1,862	0,00004125
TcCLB.511743.10	hypothetical protein, conserved	1,861	3,164E-31
TcCLB.504055.130	trans-sialidase (pseudogene), putative	1,861	9,074E-22
TcCLB.506779.120	hypothetical protein, conserved	1,86	3,748E-44
TcCLB.511531.20	hypothetical protein, conserved	1,86	6,118E-23
TcCLB.506383.10	mannosyl-oligosaccharide 1,2-alpha-mannosidase IB, puta	1,859	1,654E-26
TcCLB.507479.51	beta galactofuranosyl glycosyltransferase, putative	1,856	0,0001129
TcCLB.503411.4	hypothetical protein, conserved	1,854	5,773E-07
TcCLB.509787.10	retrotransposon hot spot (RHS) protein, putative	1,853	8,999E-72
TcCLB.509159.10	ATP-dependent DNA DEAD/DEAH box helicase, putative (fr	1,852	9,253E-39
TcCLB.507711.200	hypothetical protein, conserved	1,85	4,902E-171
TcCLB.506469.80	protein kinase, putative	1,85	4,953E-16
TcCLB.509007.30	hypothetical protein, conserved	1,849	6,292E-23
TcCLB.511583.40	tricarboxylate carrier, putative	1,847	3,139E-34
TcCLB.415273.9	mucin TcMUCII (pseudogene), putative	1,847	0,07261
TcCLB.509719.40	cytochrome P450, putative	1,846	6,135E-41
TcCLB.511625.130	trans-sialidase, Group V, putative	1,846	4,285E-15
TcCLB.511813.20	ubiquitin-conjugating enzyme E2, putative	1,845	4,039E-57
TcCLB.505853.10	trans-sialidase, putative (fragment)	1,845	0,0002165
TcCLB.508677.50	beta galactofuranosyl glycosyltransferase, putative	1,843	5,604E-29
TcCLB.506873.4	ATP-dependent DNA DEAD/DEAH box helicase, putative (fr	1,842	2,518E-13
TcCLB.506843.100	retrotransposon hot spot (RHS) protein, putative	1,841	2,373E-73
TcCLB.506529.420	alanine aminotransferase, putative	1,841	1,788E-66
TcCLB.505573.10	trans-sialidase, putative (fragment)	1,841	6,922E-07
TcCLB.510887.50	hypothetical protein, conserved	1,836	6,038E-56
TcCLB.508739.90	hypothetical protein, conserved	1,836	2,295E-20
TcCLB.508547.160	hypothetical protein, conserved	1,835	1,128E-55
TcCLB.511303.70	hypothetical protein, conserved	1,834	4,135E-31
TcCLB.506169.21	retrotransposon hot spot (RHS) protein, putative (fragmen	1,833	1,299E-10
TcCLB.511153.70	hypothetical protein, conserved	1,832	8,15E-30
TcCLB.507479.20	trans-sialidase, Group II, putative	1,83	0,004172
TcCLB.508461.84	hypothetical protein	1,829	3,609E-38
TcCLB.467373.10	trans-sialidase, putative (fragment)	1,829	8,983E-29
TcCLB.509351.10	delta-1-pyrroline-5-carboxylate dehydrogenase, putative	1,828	7,489E-30
TcCLB.511843.30	trans-sialidase (pseudogene), putative	1,827	0,005942
TcCLB.504151.60	actin interacting protein-like protein, putative	1,825	5,005E-51
TcCLB.504777.40	mucin TcMUCII, putative	1,825	2,803E-07
TcCLB.509151.10	hypothetical protein, conserved	1,824	3,543E-50



TcCLB.508163.40	mucin TcMUCII (pseudogene), putative	1,824	0,006777
TcCLB.509791.140	hypothetical protein, conserved	1,823	4,419E-27
TcCLB.508419.20	dispersed gene family protein 1 (DGF-1, pseudogene), putative	1,823	2,955E-21
TcCLB.509377.20	trans-sialidase, Group VII, putative	1,823	0,1787
TcCLB.511173.496	mucin-associated surface protein (MASP), putative (fragment)	1,822	0,02637
TcCLB.506781.39	mucin-associated surface protein (MASP), putative	1,822	0,07343
TcCLB.508163.50	mucin-associated surface protein (MASP), putative	1,821	3,164E-06
TcCLB.511015.30	Trichohyalin, putative (fragment)	1,818	6,744E-103
TcCLB.504655.9	mucin-associated surface protein (MASP), putative	1,818	1,504E-77
TcCLB.510069.20	protein associated with differentiation 4, putative	1,818	1,581E-62
TcCLB.508643.20	hypothetical protein, conserved	1,818	4,123E-48
TcCLB.509295.80	retrotransposon hot spot (RHS) protein, putative	1,817	1,647E-43
TcCLB.506795.80	proline racemase	1,817	3,443E-33
TcCLB.503471.10	protein tyrosine phosphatase, putative	1,817	4,118E-31
TcCLB.503827.30	mucin TcMUCII, putative	1,817	0,1451
TcCLB.505647.60	hypothetical protein, conserved	1,816	1,111E-37
TcCLB.503893.80	NADH dehydrogenase [ubiquinone] iron-sulfur protein 7, mitochondrial	1,816	4,839E-28
TcCLB.507695.14	dispersed gene family protein 1 (DGF-1), putative	1,816	0,001932
TcCLB.506129.60	beta galactofuranosyl glycosyltransferase, putative	1,815	2,824E-06
TcCLB.505919.70	glycine dehydrogenase [decarboxylating] (pseudogene), putative	1,814	1,471E-11
TcCLB.510149.60	hypothetical protein, conserved	1,813	3,386E-27
TcCLB.509029.80	hypothetical protein	1,812	1,761E-30
TcCLB.510095.10	hypothetical protein	1,811	0,002041
TcCLB.510515.30	hypothetical protein, conserved	1,81	3,092E-50
TcCLB.510035.10	trans-sialidase (pseudogene), putative	1,81	1,143E-49
TcCLB.507049.60	NAD(P)-dependent oxidoreductase, putative	1,808	8,388E-53
TcCLB.511807.60	hypothetical protein, conserved	1,806	1,943E-49
TcCLB.506041.20	hypothetical protein, conserved	1,805	7,987E-33
TcCLB.509975.30	mucin-associated surface protein (MASP), putative	1,805	1,886E-17
TcCLB.511471.120	retrotransposon hot spot protein (RHS, pseudogene), putative	1,804	4,298E-57
TcCLB.506819.40	hypothetical protein, conserved	1,801	8,151E-26
TcCLB.503615.10	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, putative	1,801	2,481E-12
TcCLB.508163.240	hypothetical protein	1,801	0,01466
TcCLB.508493.130	mucin TcMUCII, putative	1,798	1,037E-06
TcCLB.504105.250	hypothetical protein	1,795	6,538E-21
TcCLB.508495.110	hypothetical protein	1,795	0,009086
TcCLB.508023.150	trans-sialidase (pseudogene), putative	1,794	5,769E-26
TcCLB.504539.10	mucin TcSMUGL, putative	1,794	0,00004215
TcCLB.508109.10	mucin-associated surface protein (MASP), putative	1,794	0,03914
TcCLB.503955.55	hypothetical protein, conserved	1,793	6,836E-20
TcCLB.506171.10	retrotransposon hot spot (RHS) protein, putative	1,793	3,185E-12
TcCLB.508013.110	mucin-associated surface protein (MASP), putative	1,793	0,01048
TcCLB.508931.10	hypothetical protein	1,792	6,607E-24
TcCLB.506373.39	trans-sialidase, putative (fragment)	1,792	1,332E-10
TcCLB.510437.40	cytosolic malate dehydrogenase, putative	1,791	1,893E-53

TcCLB.424937.10	glucose transporter, putative	1,79	7,503E-27
TcCLB.509765.129	trans-sialidase, putative (fragment)	1,788	5,596E-26
TcCLB.511513.14	hypothetical protein, conserved	1,788	2,678E-08
TcCLB.509611.180	peptide methionine sulfoxide reductase, putative	1,785	6,261E-34
TcCLB.511693.130	hypothetical protein	1,785	2,911E-31
TcCLB.510153.19	tricarboxylate carrier, putative	1,785	7,819E-18
TcCLB.506475.105	hypothetical protein, conserved	1,784	2,437E-25
TcCLB.504427.20	hypothetical protein, conserved	1,78	1,994E-19
TcCLB.507297.10	cruzipain precursor, putative	1,779	1,146E-122
TcCLB.508285.50	retrotransposon hot spot protein (RHS, pseudogene), putat	1,779	2,181E-33
TcCLB.511063.180	trans-sialidase (pseudogene), putative	1,779	0,00002494
TcCLB.504769.170	retrotransposon hot spot protein (RHS, pseudogene), putat	1,778	5,958E-35
TcCLB.508261.60	mucin TcMUCII, putative	1,776	0,02175
TcCLB.509767.59	protoheme IX farnesyltransferase, putative	1,775	1,293E-48
TcCLB.504393.30	trans-sialidase (pseudogene), putative	1,773	0,00003356
TcCLB.503851.32	trans-sialidase (pseudogene), putative	1,772	2,096E-07
TcCLB.503769.40	cytochrome oxidase subunit VII (COXVII)	1,771	2,183E-73
TcCLB.503845.30	retrotransposon hot spot protein (RHS, pseudogene), putat	1,771	1,967E-50
TcCLB.511295.60	hypothetical protein, conserved (pseudogene)	1,771	1,578E-37
TcCLB.511179.150	alanine racemase, putative	1,771	2,541E-22
TcCLB.506139.120	trans-sialidase, Group V, putative	1,771	2,037E-09
TcCLB.506755.20	paraflagellar rod component, putative	1,769	1,604E-35
TcCLB.507009.30	ribulose-phosphate 3-epimerase, putative	1,769	1,771E-21
TcCLB.507465.10	receptor-type adenylate cyclase, putative (fragment)	1,769	6,483E-07
TcCLB.511911.30	mismatch repair protein MSH4 (pseudogene), putative	1,768	6,035E-34
TcCLB.508837.90	hypothetical protein, conserved	1,768	2,742E-30
TcCLB.505193.110	serine/threonine protein kinase, putative	1,767	3,475E-83
TcCLB.506975.40	amidohydrolase, putative	1,767	1,313E-61
TcCLB.508041.40	hypothetical protein	1,766	2,077E-52
TcCLB.449247.10	hypothetical protein, conserved	1,765	2,22E-15
TcCLB.511821.160	microtubial binding protein, putative	1,765	1,372E-10
TcCLB.509601.90	alanine racemase, putative	1,763	9,505E-48
TcCLB.463451.10	hypothetical protein, conserved	1,758	2,031E-33
TcCLB.506823.50	retrotransposon hot spot protein (RHS, pseudogene), putat	1,756	2,943E-45
TcCLB.504177.30	hypothetical protein, conserved	1,754	1,092E-35
TcCLB.506467.50	serine/threonine protein kinase, putative	1,753	6,097E-57
TcCLB.508677.40	trans-sialidase, Group VIII, putative	1,75	3,545E-17
TcCLB.509123.10	surface antigen TASV, putative	1,749	4,608E-24
TcCLB.509337.5	hypothetical protein, conserved (pseudogene)	1,746	3,593E-27
TcCLB.507515.4	trypanothione/tryparedoxin dependent peroxidase 2, putat	1,744	1,247E-58
TcCLB.510349.50	CDP-diacylglycerol--inositol 3-phosphatidyltransferase, put	1,743	3,853E-21
TcCLB.507537.20	cysteine peptidase, putative	1,742	1,963E-89
TcCLB.509563.10	hypothetical protein, conserved	1,741	5,412E-33
TcCLB.507009.50	hypothetical protein, conserved	1,741	6,964E-21
TcCLB.508119.200	hypothetical protein	1,739	1,534E-58

TcCLB.510977.20	hypothetical protein, conserved (pseudogene)	1,739	2,188E-23
TcCLB.503401.29	hypothetical protein, conserved	1,739	7,281E-20
TcCLB.506321.110	mucin TcMUCII, putative	1,739	1,394E-07
TcCLB.511573.10	leucine-rich repeat protein, putative	1,737	7,204E-10
TcCLB.506309.70	mucin-associated surface protein (MASP), putative	1,737	0,08318
TcCLB.506633.10	protein kinase, putative	1,736	1,556E-17
TcCLB.509391.20	flagellar calcium-binding protein, putative	1,736	0,06779
TcCLB.511589.70	ADP-ribosylation factor GTPase activating protein, putative	1,735	1,143E-30
TcCLB.511829.20	retrotransposon hot spot protein (RHS, pseudogene), putat	1,735	2,416E-10
TcCLB.509427.50	retrotransposon hot spot protein (RHS, pseudogene), putat	1,733	1,909E-32
TcCLB.511449.110	surface protease GP63, putative	1,733	0,0003215
TcCLB.507357.60	mucin TcMUCII, putative	1,733	0,01601
TcCLB.507091.50	aspartate carbamoyltransferase, putative	1,731	7,132E-27
TcCLB.509721.60	poly(ADP-ribose) polymerase, putative	1,73	7,121E-47
TcCLB.508493.40	mucin TcMUCII, putative	1,73	9,778E-09
TcCLB.507615.130	hypothetical protein, conserved	1,728	1,391E-20
TcCLB.504039.99	mucin TcMUCII (pseudogene), putative	1,728	0,003646
TcCLB.505789.10	hypothetical protein, conserved	1,726	2,842E-20
TcCLB.508147.140	mucin TcMUCII, putative	1,725	0,02921
TcCLB.507487.30	mucin TcMUCII, putative	1,724	0,05143
TcCLB.510675.9	dispersed gene family protein 1 (DGF-1), putative (fragme	1,723	0,00000491
TcCLB.504055.100	retrotransposon hot spot protein (RHS, pseudogene), putat	1,723	0,0003316
TcCLB.508165.270	mucin TcMUCII, putative	1,722	0,1679
TcCLB.511597.40	mucin-associated surface protein (MASP), putative	1,721	0,03062
TcCLB.507675.10	hypothetical protein, conserved	1,72	3,935E-70
TcCLB.508885.5	mucin-associated surface protein (MASP), putative	1,717	0,257
TcCLB.509223.20	retrotransposon hot spot (RHS) protein, putative	1,716	4,502E-38
TcCLB.504199.4	hypothetical protein, conserved	1,716	1,055E-06
TcCLB.504427.230	trans-sialidase, Group VIII, putative	1,716	0,1697
TcCLB.511827.80	hypothetical protein, conserved	1,715	7,429E-20
TcCLB.505945.30	ribonuclease mar1, putative	1,714	1,821E-32
TcCLB.504111.40	hypothetical protein, conserved	1,713	1,136E-19
TcCLB.508387.140	hypothetical protein, conserved	1,712	2,403E-37
TcCLB.509147.50	mucin TcSMUGL, putative	1,712	1,328E-34
TcCLB.483389.10	retrotransposon hot spot protein (RHS, pseudogene), putat	1,711	1,06E-39
TcCLB.506783.39	mucin-associated surface protein (MASP), putative	1,71	0,04819
TcCLB.422189.20	leucine-rich repeat protein, putative	1,709	6,12E-14
TcCLB.509155.39	surface protease GP63, putative	1,709	0,1075
TcCLB.505975.20	trans-sialidase, Group IV, putative	1,708	5,249E-16
TcCLB.503897.60	hypothetical protein, conserved	1,706	5,658E-26
TcCLB.511649.14	hypothetical protein, conserved (fragment)	1,706	1,259E-14
TcCLB.510659.270	hypothetical protein, conserved	1,705	1,439E-29
TcCLB.506563.130	calpain-like cysteine peptidase (pseudogene), putative	1,702	5,042E-24
TcCLB.507801.110	hypothetical protein, conserved	1,701	5,114E-36
TcCLB.507699.130	mucin-associated surface protein (MASP), putative	1,699	0,00000251

TcCLB.510583.200	mucin TcMUCII, putative	1,699	0,03032
TcCLB.506595.149	retrotransposon hot spot (RHS) protein, putative	1,698	8,757E-79
TcCLB.509289.39	hypothetical protein, conserved (pseudogene)	1,698	3,514E-20
TcCLB.511145.10	cytochrome c oxidase subunit VI, putative	1,697	1,077E-35
TcCLB.506627.20	hypothetical protein, conserved	1,696	7,263E-69
TcCLB.509097.20	trans-sialidase, Group V, putative	1,696	0,00006403
TcCLB.509911.20	hypothetical protein	1,695	2,418E-10
TcCLB.511553.209	mucin TcMUC (pseudogene), putative	1,695	0,008891
TcCLB.507537.10	cruzipain precursor (pseudogene), putative	1,694	3,368E-54
TcCLB.509815.20	trans-sialidase (pseudogene), putative	1,694	4,346E-18
TcCLB.506057.15	hypothetical protein	1,694	0,0005483
TcCLB.511259.9	mucin TcMUCI, putative	1,694	0,1084
TcCLB.509677.10	hypothetical protein, conserved	1,693	8,867E-27
TcCLB.510507.29	hypothetical protein, conserved	1,692	9,34E-21
TcCLB.510095.5	retrotransposon hot spot protein (RHS, pseudogene), putative	1,692	0,004597
TcCLB.506999.191	hypothetical protein, conserved (fragment)	1,691	0,0000515
TcCLB.508555.20	hypothetical protein, conserved	1,69	5,541E-19
TcCLB.511675.3	surface antigen TASV, putative	1,69	2,76E-18
TcCLB.508001.70	retrotransposon hot spot (RHS) protein, putative	1,689	8,094E-35
TcCLB.508569.140	hypothetical protein, conserved	1,689	2,023E-19
TcCLB.509225.21	hypothetical protein	1,689	0,00001886
TcCLB.507555.80	retrotransposon hot spot (RHS) protein, putative	1,688	1,261E-77
TcCLB.503405.10	glutamine synthetase, putative	1,686	1,826E-46
TcCLB.508151.10	mucin TcMUCII, putative	1,686	0,001004
TcCLB.507067.40	mucin TcMUCII, putative	1,686	0,005503
TcCLB.506611.70	surface protease GP63, putative	1,685	0,004464
TcCLB.506923.21	mucin TcMUCII, putative	1,684	0,00001867
TcCLB.503811.60	Elongation factor Ts, mitochondrial, putative (EF-Ts)	1,683	7,906E-42
TcCLB.511573.40	Mitogen-activated protein kinase 10, putative (MPK10)	1,683	5,204E-37
TcCLB.509791.100	hypothetical protein, conserved	1,683	4,598E-29
TcCLB.504083.20	retrotransposon hot spot protein (RHS, pseudogene), putative	1,682	0,06636
TcCLB.507225.19	hypothetical protein	1,681	1,992E-33
TcCLB.507669.139	hypothetical protein, conserved	1,681	2,841E-24
TcCLB.476833.10	trans-sialidase, putative	1,681	0,03878
TcCLB.506573.5	surface antigen TASV-A8, putative (TASV-A8)	1,68	2,23E-46
TcCLB.510479.20	dispersed gene family protein 1 (DGF-1, pseudogene), putative	1,68	3,065E-13
TcCLB.506243.77	retrotransposon hot spot protein (RHS, pseudogene), putative	1,679	2,489E-07
TcCLB.510741.170	hypothetical protein	1,678	2,066E-32
TcCLB.509815.90	retrotransposon hot spot protein (RHS, pseudogene), putative	1,678	2,44E-23
TcCLB.509901.160	hypothetical protein, conserved	1,678	1,036E-17
TcCLB.508221.820	mucin-associated surface protein (MASP), putative	1,678	0,00001221
TcCLB.506665.30	trans-sialidase, putative (fragment)	1,678	0,000644
TcCLB.510693.220	mucin TcMUCII, putative	1,678	0,005071
TcCLB.511575.10	hypothetical protein, conserved	1,677	6,007E-20
TcCLB.508153.605	hypothetical protein, conserved	1,676	1,223E-27

TcCLB.506989.10	hypothetical protein, conserved	1,676	4,213E-23
TcCLB.509387.5	trans-sialidase, putative	1,676	3,788E-11
TcCLB.506983.48	calpain-like cysteine peptidase, putative	1,675	1,615E-30
TcCLB.506149.10	folate/pteridine transporter, putative	1,674	1,416E-29
TcCLB.506713.80	trans-sialidase, putative (fragment)	1,674	1,614E-17
TcCLB.506353.10	trans-sialidase, Group II, putative	1,674	1,321E-06
TcCLB.506485.100	hypothetical protein, conserved	1,672	1,545E-25
TcCLB.506633.90	folate/pteridine transporter, putative	1,67	1,655E-67
TcCLB.506835.159	casein kinase 1 isoform 2, putative (fragment)	1,669	5,014E-08
TcCLB.510957.9	calpain-like cysteine peptidase, putative	1,664	3,42E-86
TcCLB.508173.150	protein disulfide isomerase, putative	1,664	1,195E-41
TcCLB.506775.140	hypothetical protein, conserved	1,664	1,014E-17
TcCLB.509785.50	trans-sialidase, Group V, putative	1,664	1,461E-09
TcCLB.511277.390	hypothetical protein, conserved	1,663	4,397E-42
TcCLB.508945.10	hypothetical protein, conserved	1,663	5,038E-29
TcCLB.508893.10	hypothetical protein, conserved	1,662	4,423E-31
TcCLB.506597.20	mucin-associated surface protein (MASP, pseudogene), pu	1,662	0,03304
TcCLB.510025.70	90 kDa surface protein, putative	1,661	0,009499
TcCLB.510847.20	beta galactofuranosyl glycosyltransferase, putative	1,66	1,29E-13
TcCLB.509495.49	mucin TcMUCII, putative	1,66	4,46E-07
TcCLB.510743.70	lactoylglutathione lyase-like protein, putative	1,659	1,036E-50
TcCLB.510381.30	hypothetical protein, conserved	1,658	3,825E-37
TcCLB.509207.80	glycogen synthase kinase-3 alpha, putative	1,658	2,776E-35
TcCLB.507925.40	pyridoxal kinase, putative	1,658	3,345E-25
TcCLB.507357.135	hypothetical protein	1,658	0,01791
TcCLB.507723.50	trans-sialidase, Group IV, putative	1,657	1,397E-06
TcCLB.511099.230	mucin TcMUCII, putative	1,657	0,04013
TcCLB.511821.150	hypothetical protein, conserved	1,656	7,082E-20
TcCLB.507569.4	electron transport protein SCO1/SCO2, putative	1,654	4,001E-21
TcCLB.507699.180	mucin-associated surface protein (MASP, pseudogene), pu	1,654	0,0001088
TcCLB.506571.20	retrotransposon hot spot protein (RHS, pseudogene), putat	1,653	2,243E-18
TcCLB.507625.140	membrane transporter protein, putative	1,652	7,051E-36
TcCLB.511693.20	hypothetical protein, conserved	1,652	7,903E-19
TcCLB.507157.10	mucin TcSMUGL, putative	1,652	3,845E-09
TcCLB.511063.30	trans-sialidase (pseudogene), putative	1,651	0,00005022
TcCLB.510861.140	serine/threonine protein kinase, putative	1,65	3,439E-68
TcCLB.506773.44	cytochrome b5, putative	1,65	4,776E-41
TcCLB.509259.50	retrotransposon hot spot protein (RHS, pseudogene), putat	1,65	2,407E-27
TcCLB.509335.10	retrotransposon hot spot (RHS) protein, putative	1,649	3,505E-68
TcCLB.446325.9	retrotransposon hot spot (RHS) protein, putative (fragment)	1,649	1,927E-24
TcCLB.510207.21	mucin-associated surface protein (MASP, pseudogene), pu	1,648	0,002629
TcCLB.510101.140	pyruvate phosphate dikinase, putative	1,647	2,089E-52
TcCLB.503411.10	hypothetical protein	1,647	9,158E-35
TcCLB.506015.40	mucin TcMUCI, putative	1,646	0,00008154
TcCLB.507993.270	hypothetical protein, conserved	1,642	5,587E-29

TcCLB.508549.20	hypothetical protein, conserved	1,641	1,53E-51
TcCLB.509959.90	retrotransposon hot spot protein (RHS, pseudogene), putat	1,64	9,677E-21
TcCLB.510693.40	90 kDa surface protein, putative	1,64	0,007388
TcCLB.509601.20	hypothetical protein, conserved	1,639	9,055E-12
TcCLB.506565.20	hypothetical protein, conserved	1,638	3,128E-15
TcCLB.506063.50	retrotransposon hot spot protein (RHS, pseudogene), putat	1,638	2,093E-12
TcCLB.487455.10	trans-sialidase, putative (fragment)	1,638	0,02993
TcCLB.511807.190	hypothetical protein, conserved	1,636	3,702E-57
TcCLB.506277.10	mucin-associated surface protein (MASP), putative	1,636	0,0000129
TcCLB.503973.250	mucin TcMUCII (pseudogene), putative	1,636	0,00007883
TcCLB.506773.90	amino acid permease/transporter, putative	1,635	7,002E-63
TcCLB.511351.30	protein kinase, putative	1,635	6,876E-60
TcCLB.511367.210	ubiquitin-conjugating enzyme variant Kua homologue, puta	1,635	3,486E-23
TcCLB.506721.50	hypothetical protein	1,635	1,735E-07
TcCLB.507071.170	mucin TcMUCII, putative	1,634	5,614E-06
TcCLB.504797.20	hypothetical protein, conserved	1,632	3,289E-31
TcCLB.506399.30	hypothetical protein, conserved	1,632	1,497E-25
TcCLB.510233.20	hypothetical protein	1,632	0,003017
TcCLB.511057.20	mucin TcMUCII, putative	1,631	0,004444
TcCLB.509849.30	hypothetical protein	1,63	1,92E-68
TcCLB.510377.270	retrotransposon hot spot protein (RHS, pseudogene), putat	1,63	0,0000189
TcCLB.507031.90	arginase, putative	1,629	3,408E-42
TcCLB.507669.20	hypothetical protein, conserved	1,628	2,296E-38
TcCLB.511323.50	NADH-ubiquinone oxidoreductase, mitochondrial, putative	1,628	1,708E-18
TcCLB.508231.40	hypothetical protein, conserved	1,627	8,718E-58
TcCLB.506381.10	retrotransposon hot spot protein (RHS, pseudogene), putat	1,627	3,491E-15
TcCLB.509637.36	procyclic form surface glycoprotein, putative (fragment)	1,625	1,737E-20
TcCLB.505919.31	hypothetical protein, conserved (pseudogene)	1,625	1,455E-13
TcCLB.510791.20	mucin TcMUCII, putative	1,625	9,512E-07
TcCLB.506399.70	hypothetical protein, conserved	1,624	3,855E-19
TcCLB.509977.80	mucin-associated surface protein (MASP), putative	1,624	3,994E-09
TcCLB.506131.199	mucin TcMUCII, putative	1,624	0,02862
TcCLB.506195.160	hypothetical protein, conserved	1,623	9,246E-37
TcCLB.510359.430	trans-sialidase (pseudogene), putative	1,623	9,582E-24
TcCLB.510101.450	hypothetical protein, conserved	1,621	4,994E-49
TcCLB.511821.170	hypothetical protein, conserved	1,62	2,338E-15
TcCLB.439245.10	mucin TcMUCII, putative (fragment)	1,62	0,02145
TcCLB.511599.80	trans-sialidase, Group V, putative	1,619	4,076E-13
TcCLB.508887.20	mucin TcMUCII, putative	1,619	0,003079
TcCLB.509329.20	retrotransposon hot spot protein (RHS, pseudogene), putat	1,617	1,771E-45
TcCLB.504427.75	hypothetical protein, conserved (pseudogene)	1,617	1,672E-14
TcCLB.509099.50	trypanothione synthetase (TRYS)	1,616	1,522E-72
TcCLB.506835.70	PAS-domain containing phosphoglycerate kinase, putative	1,616	1,625E-50
TcCLB.511821.179	hypothetical protein, conserved	1,616	5,521E-49
TcCLB.509799.50	hypothetical protein, conserved	1,616	1,957E-38

TcCLB.508789.204	mucin-associated surface protein (MASP, pseudogene), pu	1,615	0,007234
TcCLB.507467.10	receptor-type adenylate cyclase, putative (fragment)	1,614	4,587E-09
TcCLB.510503.70	trans-sialidase (pseudogene), putative	1,614	0,00002429
TcCLB.507603.270	cruzipain precursor, putative	1,613	1,444E-34
TcCLB.510283.70	glycosyl hydrolase-like protein, putative	1,612	1,859E-39
TcCLB.510889.140	alanine aminotransferase, putative	1,611	1,853E-42
TcCLB.511693.70	hypothetical protein, conserved	1,611	7,932E-33
TcCLB.508159.60	mucin TcMUCII, putative	1,611	0,003259
TcCLB.508045.14	hypothetical protein, conserved	1,609	1,661E-23
TcCLB.511259.189	mucin TcMUCII, putative	1,609	0,04248
TcCLB.506769.80	mucin-associated surface protein (MASP), putative	1,606	0,000641
TcCLB.508651.10	dispersed gene family protein 1 (DGF-1, pseudogene), puta	1,606	0,003092
TcCLB.506533.106	mucin TcSMUGL, putative	1,605	2,11E-34
TcCLB.511701.19	surface protease GP63, putative (fragment)	1,604	0,1442
TcCLB.510857.4	hypothetical protein, conserved	1,603	1,617E-29
TcCLB.508071.90	retrotransposon hot spot (RHS) protein, putative	1,601	1,434E-44
TcCLB.509493.100	mucin-associated surface protein (MASP, pseudogene), pu	1,601	1,646E-12
TcCLB.509875.240	hypothetical protein, conserved	1,599	1,772E-42
TcCLB.506675.110	retrotransposon hot spot (RHS) protein, putative	1,598	5,215E-27
TcCLB.508493.20	mucin-associated surface protein (MASP, pseudogene), pu	1,598	4,54E-11
TcCLB.509493.39	mucin TcMUCII, putative	1,595	2,098E-07
TcCLB.508741.170	glycerate kinase, putative	1,594	7,331E-133
TcCLB.506529.300	hypothetical protein, conserved	1,593	9,285E-50
TcCLB.511003.110	hypothetical protein, conserved	1,593	1,058E-24
TcCLB.508221.509	mucin-associated surface protein (MASP, pseudogene), pu	1,593	0,02976
TcCLB.507499.30	retrotransposon hot spot protein (RHS, pseudogene), putat	1,592	3,935E-16
TcCLB.511827.115	hypothetical protein	1,592	5,766E-09
TcCLB.509153.100	arginine N-methyltransferase, type III, putative (PRMT7)	1,59	1,842E-59
TcCLB.506941.180	hypothetical protein, conserved	1,589	1,194E-26
TcCLB.508503.10	fatty acid desaturase, putative	1,589	3,096E-22
TcCLB.508119.20	mucin-associated surface protein (MASP), putative	1,589	1,705E-10
TcCLB.506989.110	NADH-ubiquinone oxidoreductase complex I subunit, putati	1,588	1,448E-26
TcCLB.504239.240	mucin-associated surface protein (MASP, pseudogene), pu	1,588	0,2144
TcCLB.508989.9	nucleoside phosphorylase, putative	1,586	2,141E-55
TcCLB.505401.31	trans-sialidase (pseudogene), putative	1,586	4,025E-17
TcCLB.508027.110	pyroglutamyl-peptidase I, putative (PPI)	1,585	1,821E-32
TcCLB.511149.10	mucin TcMUCII, putative	1,585	0,05267
TcCLB.510863.30	hypothetical protein, conserved	1,584	3,84E-22
TcCLB.511303.150	hypothetical protein, conserved	1,584	3,02E-18
TcCLB.510555.10	mucin-associated surface protein (MASP, pseudogene), pu	1,584	0,001669
TcCLB.506763.190	mucin TcMUCII, putative	1,584	0,009992
TcCLB.505609.10	trans-sialidase, Group II, putative	1,584	0,3048
TcCLB.506763.80	mucin TcMUCII, putative	1,583	0,01459
TcCLB.509601.120	hypothetical protein, conserved	1,581	2,571E-50
TcCLB.510155.50	hypothetical protein, conserved	1,581	7,006E-29

TcCLB.504081.270	mucin TcMUCII, putative	1,58	0,01503
TcCLB.508873.289	90 kDa surface protein, putative	1,578	0,02301
TcCLB.509961.70	dispersed gene family protein 1 (DGF-1, pseudogene), putative	1,575	2,021E-22
TcCLB.506047.20	retrotransposon hot spot (RHS) protein, putative	1,574	8,712E-38
TcCLB.508989.120	hypothetical protein, conserved	1,574	7,901E-17
TcCLB.509027.20	ankyrin repeat protein, putative	1,574	8,776E-13
TcCLB.508493.10	mucin TcMUCII, putative	1,574	0,00001393
TcCLB.506537.200	trans-sialidase, Group VIII, putative	1,573	2,761E-17
TcCLB.507739.40	uracil phosphoribosyltransferase, putative	1,572	1,408E-43
TcCLB.510497.90	mucin TcMUCII, putative	1,572	0,002791
TcCLB.510237.60	mucin TcMUCII, putative	1,572	0,02768
TcCLB.509427.30	dispersed gene family protein 1 (DGF-1, pseudogene), putative	1,57	0,00006112
TcCLB.510431.20	hypothetical protein, conserved	1,569	1,982E-17
TcCLB.509151.29	hypothetical protein, conserved (pseudogene)	1,569	1,202E-06
TcCLB.508173.20	retrotransposon hot spot protein (RHS, pseudogene), putative	1,568	1,126E-103
TcCLB.503859.40	mucin-associated surface protein (MASP), putative	1,568	0,002016
TcCLB.509281.10	hypothetical protein	1,568	0,01863
TcCLB.507811.100	amino acid permease, putative	1,567	3,776E-10
TcCLB.503973.70	serine-alanine-and proline-rich protein, putative	1,567	0,0009151
TcCLB.507959.90	mucin TcMUCII, putative	1,567	0,09488
TcCLB.440101.10	fatty acid desaturase, putative (fragment)	1,566	1,033E-13
TcCLB.508595.50	cysteine peptidase, putative	1,565	1,206E-61
TcCLB.507065.89	mucin TcMUC (pseudogene), putative	1,565	0,003342
TcCLB.509243.30	hypothetical protein, conserved	1,564	7,495E-23
TcCLB.511385.30	Pyrophosphate-energized vacuolar membrane proton pump	1,563	4,21E-78
TcCLB.511751.205	hypothetical protein	1,563	6,723E-32
TcCLB.507487.20	mucin-associated surface protein (MASP), putative	1,563	0,09006
TcCLB.510943.130	cytochrome c oxidase assembly protein, putative	1,562	7,294E-33
TcCLB.510181.20	delta-4 fatty acid desaturase, putative	1,562	1,457E-24
TcCLB.506411.30	proline oxidase, putative	1,56	1,41E-27
TcCLB.507429.3	mucin-associated surface protein (MASP), putative	1,56	0,006765
TcCLB.506401.140	hypothetical protein, conserved	1,557	3,803E-07
TcCLB.510773.20	Pyrophosphate-energized vacuolar membrane proton pump	1,556	4,471E-71
TcCLB.510889.120	alanine aminotransferase, putative	1,556	5,031E-49
TcCLB.507063.10	hypothetical protein	1,555	5,547E-23
TcCLB.509401.30	cysteine peptidase, putative	1,552	6,074E-94
TcCLB.509683.124	hypothetical protein, conserved	1,552	2,168E-53
TcCLB.510557.50	mucin TcMUCII, putative	1,552	0,0006094
TcCLB.507963.10	hypothetical protein, conserved	1,551	1,886E-21
TcCLB.511217.130	hypothetical protein, conserved	1,549	3,313E-51
TcCLB.510669.40	hypothetical protein	1,549	7,511E-45
TcCLB.508569.20	ubiquitin-conjugating enzyme E2, putative	1,549	6,129E-36
TcCLB.511837.90	protein kinase, putative	1,549	5,957E-35
TcCLB.428999.30	hypothetical protein	1,549	9,68E-24
TcCLB.506773.100	protein kinase, putative	1,548	2,644E-33



TcCLB.509413.10	hypothetical protein, conserved	1,547	5,731E-51
TcCLB.509163.90	retrotransposon hot spot protein (RHS, pseudogene), putative	1,547	8,802E-38
TcCLB.506145.24	hypothetical protein, conserved	1,547	1,664E-19
TcCLB.504199.20	hypothetical protein, conserved	1,546	4,746E-39
TcCLB.506129.10	dispersed gene family protein 1 (DGF-1, pseudogene), putative	1,546	3,872E-07
TcCLB.439307.9	hypothetical protein, conserved	1,545	0,235
TcCLB.504149.100	hypothetical protein, conserved	1,544	2,394E-58
TcCLB.509647.13	hypothetical protein, conserved (fragment)	1,544	1,271E-57
TcCLB.508965.14	multidrug resistance protein E, putative (MRPE)	1,544	3,878E-40
TcCLB.510847.40	retrotransposon hot spot protein (RHS, pseudogene), putative	1,544	2,234E-22
TcCLB.511109.130	heterogeneous nuclear ribonucleoprotein H/F, putative	1,543	2,06E-30
TcCLB.507917.10	surface protease GP63, putative	1,542	6,185E-12
TcCLB.506183.90	trans-sialidase (pseudogene), putative	1,54	2,987E-08
TcCLB.506055.14	trans-sialidase (pseudogene), putative	1,54	0,00003001
TcCLB.507625.10	retrotransposon hot spot (RHS) protein, putative	1,538	2,734E-44
TcCLB.511823.14	hypothetical protein, conserved	1,538	2,109E-08
TcCLB.510359.350	hypothetical protein, conserved	1,537	7,537E-45
TcCLB.510941.3	protein kinase, putative (fragment)	1,537	1,532E-33
TcCLB.506773.104	hypothetical protein, conserved	1,537	9,884E-24
TcCLB.506563.220	calpain-like cysteine peptidase, putative	1,536	1,132E-47
TcCLB.457101.30	multidrug resistance protein E, putative	1,536	7,052E-19
TcCLB.507035.11	trans-sialidase, putative (fragment)	1,536	1,323E-06
TcCLB.508219.60	mucin TcMUCII (pseudogene), putative	1,536	0,02552
TcCLB.504769.20	mucin-associated surface protein (MASP), putative	1,535	2,775E-09
TcCLB.505373.30	retrotransposon hot spot protein (RHS, pseudogene), putative	1,534	2,526E-11
TcCLB.507221.60	oxidoreductase-like protein (pseudogene), putative	1,533	1,158E-20
TcCLB.511245.120	hypothetical protein, conserved	1,533	9,539E-20
TcCLB.509489.20	hypothetical protein, conserved	1,532	7,812E-22
TcCLB.508119.120	GDP-mannose 4,6 dehydratase, putative	1,531	2,557E-38
TcCLB.510697.40	mucin-associated surface protein (MASP), putative	1,531	0,002815
TcCLB.511149.30	mucin TcMUCII (pseudogene), putative	1,527	0,0167
TcCLB.509419.58	mucin TcMUCII (pseudogene), putative	1,526	0,06904
TcCLB.509601.80	hypothetical protein, conserved	1,525	5,444E-25
TcCLB.509977.90	hypothetical protein	1,524	5,155E-13
TcCLB.507711.90	procyclic form surface phosphoprotein, putative	1,522	3,034E-29
TcCLB.508307.125	hypothetical protein, conserved	1,522	1,573E-15
TcCLB.505047.9	dispersed gene family protein 1 (DGF-1), putative	1,521	0,0001417
TcCLB.507609.40	delta-4 fatty acid desaturase, putative	1,52	5,525E-21
TcCLB.506529.610	hypothetical protein	1,519	4,082E-06
TcCLB.504047.5	urocanate hydratase, putative (fragment)	1,518	0,00117
TcCLB.511259.180	mucin-associated surface protein (MASP), putative	1,518	0,09026
TcCLB.509339.10	hypothetical protein, conserved	1,516	7,603E-18
TcCLB.503617.31	nuclear receptor binding factor, putative	1,515	1,599E-31
TcCLB.504219.40	trans-sialidase (pseudogene), putative	1,514	0,00001966
TcCLB.504269.10	protein kinase (pseudogene), putative	1,513	1,098E-28

TcCLB.511807.40	hypothetical protein, conserved	1,513	1,331E-24
TcCLB.504587.30	mucin-associated surface protein (MASP), putative	1,513	7,566E-09
TcCLB.504239.280	90 kDa surface protein, putative	1,512	0,01036
TcCLB.511393.70	hypothetical protein, conserved	1,511	1,575E-36
TcCLB.503597.10	homoserine kinase, putative	1,511	3,723E-31
TcCLB.511909.50	hypothetical protein, conserved	1,511	1,171E-26
TcCLB.507065.150	mucin TcMUCII, putative	1,511	0,001238
TcCLB.504051.20	ATP-dependent DNA DEAD/DEAH box helicase, putative	1,51	4,276E-31
TcCLB.508567.40	hypothetical protein, conserved	1,509	1,098E-28
TcCLB.511545.120	superoxide dismutase, putative	1,509	2,429E-25
TcCLB.508641.160	glycogenin glucosyltransferase, putative	1,509	1,693E-21
TcCLB.506595.140	hypothetical protein	1,508	2,762E-11
TcCLB.509147.40	surface antigen TASV, putative	1,507	6,542E-15
TcCLB.507085.10	mucin TcMUCII, putative	1,507	2,457E-06
TcCLB.508435.70	mucin-associated surface protein (MASP), putative	1,507	0,01994
TcCLB.506533.142	mucin TcSMUGL, putative	1,506	9,836E-14
TcCLB.504081.470	mucin TcMUCII, putative	1,505	0,09897
TcCLB.508973.9	hypothetical protein, conserved (fragment)	1,504	3,25E-14
TcCLB.506855.180	adenylate kinase, putative	1,503	1,003E-22
TcCLB.509157.120	hypothetical protein, conserved	1,503	3,839E-19
TcCLB.506471.120	trans-sialidase, Group II, putative	1,503	1,089E-18
TcCLB.506945.20	PAS-domain containing phosphoglycerate kinase, putative	1,502	3,659E-45
TcCLB.506829.80	nicotinamidase, putative (PNC1)	1,502	7,911E-22
TcCLB.508113.14	mucin TcMUC (pseudogene), putative	1,502	1,397E-06
TcCLB.511827.90	hypothetical protein, conserved	1,501	2,203E-06
TcCLB.506173.270	mucin TcMUCII, putative	1,5	0,009803
TcCLB.503705.19	trans-sialidase, putative	1,498	0,2538
TcCLB.509693.180	hypothetical protein, conserved	1,497	1,318E-12
TcCLB.509849.40	mannosyl-oligosaccharide 1,2-alpha-mannosidase IB, puta	1,497	1,807E-08
TcCLB.510853.50	beta galactofuranosyl glycosyltransferase, putative	1,497	0,005593
TcCLB.503527.60	hypothetical protein, conserved	1,496	3,425E-19
TcCLB.508501.280	hypothetical protein, conserved	1,496	1,956E-16
TcCLB.503971.50	hypothetical protein, conserved	1,495	2,771E-13
TcCLB.509525.400	mucin TcMUCII, putative	1,495	0,007868
TcCLB.510591.10	trans-sialidase (pseudogene), putative	1,495	0,04344
TcCLB.509997.40	hypothetical protein, conserved	1,494	5,443E-26
TcCLB.507357.80	mucin TcMUCII, putative	1,494	0,02722
TcCLB.510101.320	hypothetical protein	1,493	3,163E-40
TcCLB.506681.40	hypothetical protein, conserved	1,493	1,799E-06
TcCLB.510583.114	mucin-associated surface protein (MASP, pseudogene), pu	1,493	0,2741
TcCLB.505919.80	retrotransposon hot spot (RHS) protein, putative	1,491	6,267E-32
TcCLB.510579.50	hypothetical protein, conserved	1,491	1,713E-28
TcCLB.506593.10	hypothetical protein, conserved	1,491	1,2E-09
TcCLB.506687.10	retrotransposon hot spot protein (RHS, pseudogene), putat	1,49	1,926E-26
TcCLB.506321.40	mucin TcMUCII, putative	1,49	3,74E-11

TcCLB.510861.110	hypothetical protein	1,489	6,187E-33
TcCLB.509055.44	hypothetical protein, conserved	1,489	9,907E-21
TcCLB.510359.660	mucin TcMUCII, putative	1,489	0,009727
TcCLB.508507.59	NADH dehydrogenase [ubiquinone] iron-sulfur protein 7, m	1,488	2,243E-28
TcCLB.511545.160	hypothetical protein, conserved	1,487	2,388E-14
TcCLB.507429.49	mucin TcMUCII, putative	1,487	0,0005156
TcCLB.510853.73	retrotransposon hot spot protein (pseudogene), putative	1,486	3,595E-59
TcCLB.507089.110	hypothetical protein, conserved	1,486	9,283E-32
TcCLB.508601.50	NADH dehydrogenase subunit NB6M, putative	1,486	4,638E-17
TcCLB.503409.20	hypothetical protein, conserved	1,486	7,531E-15
TcCLB.509369.50	surface protease GP63, putative	1,486	0,01817
TcCLB.509807.11	hypothetical protein, conserved (pseudogene)	1,485	4,05E-12
TcCLB.509449.5	receptor-type adenylate cyclase, putative (fragment)	1,485	0,03042
TcCLB.507081.110	aminopeptidase P1, putative	1,484	3,306E-33
TcCLB.505193.74	hypothetical protein, conserved	1,484	2,156E-26
TcCLB.503487.50	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, pu	1,483	5,619E-18
TcCLB.504081.440	90 kDa surface protein, putative	1,483	0,00008699
TcCLB.510795.4	CLC-type chloride channel protein (pseudogene), putative	1,483	0,004355
TcCLB.508851.189	phosphoenolpyruvate mutase, putative	1,482	1,2E-44
TcCLB.507809.150	hypothetical protein, conserved	1,482	2,206E-21
TcCLB.503653.60	cytochrome b-domain protein, putative	1,482	3,935E-20
TcCLB.507715.10	cysteine peptidase, Clan CA, family C51, putative	1,481	2,763E-37
TcCLB.504427.64	hypothetical protein, conserved	1,481	5,872E-22
TcCLB.511621.60	Asparagine-linked glycosylation protein 12 (ALG12)	1,481	0,00004853
TcCLB.506133.140	mucin-associated surface protein (MASP), putative	1,481	0,001748
TcCLB.503981.30	hypothetical protein, conserved	1,48	6,928E-26
TcCLB.505975.10	hypothetical protein	1,48	0,07993
TcCLB.510359.20	paraflagellar rod component, putative	1,479	1,022E-07
TcCLB.508495.130	hypothetical protein	1,479	0,01334
TcCLB.506921.20	hypothetical protein, conserved	1,478	1,462E-26
TcCLB.507699.110	mucin-associated surface protein (MASP, pseudogene), pu	1,477	0,001908
TcCLB.511211.70	cytochrome c oxidase assembly protein (COX15)	1,476	6,421E-46
TcCLB.505193.90	hypothetical protein, conserved	1,476	2,442E-28
TcCLB.508461.310	protein kinase A catalytic subunit isoform 1, putative	1,476	1,048E-24
TcCLB.511763.19	hypothetical protein, conserved	1,476	4,352E-14
TcCLB.507787.50	membrane transporter protein (pseudogene), putative	1,476	1,827E-13
TcCLB.507167.200	beta galactofuranosyl glycosyltransferase, putative	1,476	0,00005386
TcCLB.511853.10	mucin TcMUCl, putative	1,475	0,04178
TcCLB.511025.90	hypothetical protein, conserved	1,474	2,111E-16
TcCLB.510025.30	mucin-associated surface protein (MASP, pseudogene), pu	1,474	0,02427
TcCLB.509401.20	cysteine peptidase (pseudogene), putative	1,473	1,256E-72
TcCLB.510073.17	cysteine peptidase (C-terminal), putative	1,473	6,559E-49
TcCLB.509965.330	hypothetical protein, conserved	1,472	9,844E-69
TcCLB.506755.110	hypothetical protein, conserved	1,471	8,573E-36
TcCLB.511011.10	retrotransposon hot spot (RHS) protein, putative	1,471	8,587E-28

TcCLB.508307.70	hypothetical protein, conserved	1,471	1,322E-25
TcCLB.506951.80	trans-sialidase, Group V, putative	1,471	1,966E-18
TcCLB.508879.20	hypothetical protein	1,471	1,082E-15
TcCLB.508221.104	mucin-associated surface protein (MASP), putative	1,469	0,277
TcCLB.511647.10	hypothetical protein, conserved	1,468	8,285E-51
TcCLB.506297.4	hypothetical protein, conserved (pseudogene)	1,468	7,62E-15
TcCLB.510743.30	hypothetical protein, conserved	1,467	1,914E-25
TcCLB.510719.100	hypothetical protein, conserved	1,467	8,107E-12
TcCLB.508761.160	mucin TcMUCII, putative	1,467	0,001792
TcCLB.509973.80	hypothetical protein	1,466	0,00004708
TcCLB.510503.100	surface protease GP63, putative	1,466	0,001201
TcCLB.507699.120	mucin TcMUCII, putative	1,466	0,009131
TcCLB.506955.184	mucin-associated surface protein (MASP, pseudogene), pu	1,465	0,003252
TcCLB.511817.180	histone H2A, putative	1,464	0,003397
TcCLB.506499.70	mucin TcMUCII, putative	1,464	0,00797
TcCLB.410049.20	hypothetical protein, conserved	1,463	1,035E-09
TcCLB.505807.180	2-hydroxy-3-oxopropionate reductase, putative	1,462	3,109E-49
TcCLB.506407.50	hypothetical protein, conserved	1,462	1,092E-30
TcCLB.506779.110	phosphatase, putative	1,461	6,792E-40
TcCLB.503781.80	universal minicircle sequence binding protein 1 (UMSBP1)	1,461	5,44E-34
TcCLB.470827.10	retrotransposon hot spot protein (RHS, pseudogene), putat	1,461	1,393E-11
TcCLB.511871.90	hypothetical protein, conserved	1,46	1,805E-34
TcCLB.509769.33	palmitoyl acyltransferase 12, putative	1,46	1,149E-21
TcCLB.510461.30	mucin-associated surface protein (MASP), putative (fragm	1,459	0,3438
TcCLB.444777.10	drug resistance protein, putative	1,458	8,85E-07
TcCLB.509233.150	cytochrome oxidase subunit VII (COXVII)	1,457	1,224E-53
TcCLB.506325.40	retrotransposon hot spot protein (RHS, pseudogene), putat	1,456	1,164E-41
TcCLB.508451.30	retrotransposon hot spot protein (RHS, pseudogene), putat	1,456	2,839E-07
TcCLB.510349.30	phosphatidylinositol-4-phosphate 5-kinase, putative	1,455	2,798E-25
TcCLB.510967.20	hypothetical protein, conserved	1,455	8,607E-11
TcCLB.510759.140	hypothetical protein, conserved	1,454	1,816E-34
TcCLB.508671.10	serine carboxypeptidase (CBP1), putative	1,454	1,375E-29
TcCLB.508207.74	Adenine phosphoribosyltransferase, putative	1,454	3,072E-20
TcCLB.504139.10	retrotransposon hot spot protein (RHS, pseudogene), putat	1,452	5,162E-11
TcCLB.511819.40	hypothetical protein, conserved	1,451	5,627E-30
TcCLB.510203.34	mucin-associated surface protein (MASP, pseudogene), pu	1,451	0,0001735
TcCLB.508817.130	carbonic anhydrase-like protein, putative	1,45	7,712E-59
TcCLB.506281.134	mucin-associated surface protein (MASP), putative	1,45	0,1049
TcCLB.507477.5	trans-sialidase, putative	1,45	0,3372
TcCLB.506513.190	NADH-ubiquinone oxidoreductase, mitochondrial, putative	1,449	1,236E-20
TcCLB.511859.120	mucin-like glycoprotein, putative	1,449	8,941E-12
TcCLB.510693.19	mucin-associated surface protein (MASP, pseudogene), pu	1,449	0,00003952
TcCLB.511725.170	hypothetical protein, conserved	1,448	2,64E-29
TcCLB.508417.29	dispersed gene family protein 1 (DGF-1), putative (fragme	1,447	9,15E-18
TcCLB.511613.80	mucin-associated surface protein (MASP), putative	1,447	0,002219

TcCLB.508909.90	Protein kinase domain, putative	1,446	1,112E-35
TcCLB.506741.110	mucin TcMUCII, putative	1,446	2,778E-10
TcCLB.506221.70	Paraflagellar Rod Proteome Component 9, putative (PFC9)	1,445	9,185E-14
TcCLB.508389.138	mucin TcMUCII, putative	1,445	0,07303
TcCLB.508401.20	retrotransposon hot spot (RHS) protein, putative	1,444	2,462E-39
TcCLB.506297.260	lanosterol 14-alpha-demethylase, putative (CYP51)	1,443	2,295E-63
TcCLB.511827.64	hypothetical protein, conserved	1,443	3,743E-32
TcCLB.510345.40	hypothetical protein, conserved	1,443	1,177E-29
TcCLB.507067.60	mucin-associated surface protein (MASP), putative	1,443	0,01155
TcCLB.508125.100	mucin TcMUCII, putative	1,443	0,3475
TcCLB.510149.150	NADH-ubiquinone oxidoreductase complex I subunit, putative	1,44	5,404E-18
TcCLB.509973.10	mucin-associated surface protein (MASP), putative	1,44	8,255E-16
TcCLB.506775.190	serine/threonine protein kinase, putative	1,439	4,205E-15
TcCLB.508495.210	mucin-associated surface protein (MASP, pseudogene), putative	1,439	0,002989
TcCLB.503753.29	NADPH--cytochrome P450 reductase, putative	1,438	2,198E-28
TcCLB.507225.10	retrotransposon hot spot (RHS) protein, putative	1,437	7,943E-43
TcCLB.509849.10	ammonium transporter, putative	1,437	1,435E-19
TcCLB.509977.40	hypothetical protein	1,437	4,482E-07
TcCLB.504039.180	mucin-associated surface protein (MASP), putative	1,437	0,00000578
TcCLB.509725.80	retrotransposon hot spot protein (RHS, pseudogene), putative	1,436	1,064E-52
TcCLB.508495.70	mucin TcMUCII, putative	1,436	2,245E-07
TcCLB.510359.540	hypothetical protein	1,436	0,06193
TcCLB.508113.7	trans-sialidase (pseudogene), putative	1,435	1,303E-07
TcCLB.483623.10	hypothetical protein, conserved	1,434	1,11E-11
TcCLB.508693.199	hypothetical protein, conserved	1,433	3,525E-20
TcCLB.507639.30	universal minicircle sequence binding protein 1 (pdz5)	1,432	1,147E-18
TcCLB.507023.70	hypothetical protein, conserved	1,432	4,556E-11
TcCLB.510789.10	mucin TcMUCII, putative	1,432	0,00004288
TcCLB.506909.20	mucin TcMUCI, putative	1,432	0,001744
TcCLB.510279.140	mucin-associated surface protein (MASP), putative	1,432	0,004541
TcCLB.506401.110	protein kinase, putative	1,431	4,109E-68
TcCLB.506993.86	mucin-associated surface protein (MASP, pseudogene), putative	1,431	0,001095
TcCLB.506337.160	NADH-ubiquinone oxidoreductase complex I subunit, putative	1,43	6,185E-28
TcCLB.508023.50	hypothetical protein	1,43	1,426E-06
TcCLB.510013.270	trans-sialidase (pseudogene), putative	1,43	7,662E-06
TcCLB.510305.79	hypothetical protein, conserved	1,429	4,197E-59
TcCLB.508671.20	serine carboxypeptidase (CBP1), putative	1,429	5,826E-34
TcCLB.503521.50	UTP-glucose-1-phosphate uridylyltransferase 2, putative	1,428	6,286E-23
TcCLB.507475.30	retrotransposon hot spot protein (RHS, pseudogene), putative	1,428	8,922E-17
TcCLB.503653.20	hypothetical protein, conserved	1,428	1,236E-12
TcCLB.509961.51	tryptophanyl-tRNA synthetase (pseudogene), putative	1,428	0,00008804
TcCLB.511585.260	dispersed gene family protein 1 (DGF-1, pseudogene), putative	1,427	5,879E-13
TcCLB.509699.30	mucin TcMUCII (pseudogene), putative	1,427	0,03861
TcCLB.507739.59	hypothetical protein, conserved	1,426	3,463E-10
TcCLB.507693.10	dispersed gene family protein 1 (DGF-1), putative	1,426	4,217E-07

TcCLB.507163.60	hypothetical protein	1,426	0,002984
TcCLB.510101.350	hypothetical protein, conserved	1,425	4,614E-73
TcCLB.510535.90	hypothetical protein, conserved	1,425	0,0001701
TcCLB.509463.30	3-ketoacyl-CoA thiolase, putative	1,424	9,753E-68
TcCLB.509921.20	trans-sialidase (pseudogene), putative	1,424	7,974E-08
TcCLB.511815.170	hypothetical protein, conserved	1,423	8,607E-34
TcCLB.511395.20	phosphatidylglycerolphosphate synthase, mitochondrial, pu	1,423	3E-30
TcCLB.503643.30	hypothetical protein, conserved	1,423	1,299E-21
TcCLB.510343.5	hypothetical protein, conserved (fragment)	1,423	1,153E-14
TcCLB.510513.10	mannosyl-oligosaccharide 1,2-alpha-mannosidase IB, puta	1,422	7,298E-25
TcCLB.508973.69	hypothetical protein, conserved	1,422	1,491E-14
TcCLB.506183.9	pyruvate dehydrogenase (lipoamide) kinase, putative (frag	1,422	2,056E-13
TcCLB.510795.30	fatty acid desaturase (pseudogene), putative	1,421	8,066E-27
TcCLB.506501.190	mucin TcMUCII, putative	1,421	0,03885
TcCLB.506775.100	DNA repair and recombination helicase protein PIF2, putat	1,42	1,254E-22
TcCLB.507875.110	retrotransposon hot spot protein (RHS, pseudogene), putat	1,42	3,294E-20
TcCLB.509843.20	trans-sialidase, Group VII, putative	1,419	3,191E-43
TcCLB.511129.40	trans-sialidase, Group III, putative	1,419	0,2118
TcCLB.509179.10	choline/carnitine O-acyltransferase (pseudogene), putative	1,418	1,978E-09
TcCLB.509331.189	hypothetical protein, conserved	1,417	1,834E-21
TcCLB.511911.60	trans-sialidase, Group III, putative	1,417	0,1034
TcCLB.511817.120	hypothetical protein, conserved	1,416	2,31E-35
TcCLB.510201.5	mucin-associated surface protein (MASP), putative	1,416	0,2782
TcCLB.509331.200	ABC transporter, putative	1,415	5,044E-21
TcCLB.508355.127	hypothetical protein, conserved	1,414	7,679E-28
TcCLB.506271.30	retrotransposon hot spot (RHS) protein, putative (fragment)	1,414	2,851E-06
TcCLB.510099.120	D-isomer specific 2-hydroxyacid dehydrogenase-protein, pu	1,413	1,316E-122
TcCLB.508741.160	hypothetical protein, conserved	1,413	6,683E-38
TcCLB.506299.9	dispersed gene family protein 1 (DGF-1), putative (fragme	1,413	3,143E-11
TcCLB.510377.210	trans-sialidase (pseudogene), putative	1,413	0,008183
TcCLB.507237.20	mucin-associated surface protein (MASP), putative	1,413	0,04037
TcCLB.503865.60	hypothetical protein, conserved	1,412	7,272E-34
TcCLB.454787.10	mucin TcMUC, putative	1,412	0,3926
TcCLB.511599.30	90 kDa surface protein, putative	1,411	0,2018
TcCLB.508499.10	mucin TcMUCII, putative	1,41	0,00003349
TcCLB.503987.30	Enriched in surface-labeled proteome protein 16 (ESP16)	1,409	5,64E-25
TcCLB.510993.10	(H)-ATPase G subunit	1,408	5,359E-31
TcCLB.511573.49	hypothetical protein	1,407	1,449E-23
TcCLB.510079.10	retrotransposon hot spot protein (RHS, pseudogene), putat	1,407	8,999E-23
TcCLB.509331.180	aldose 1-epimerase-like protein, putative	1,407	2,894E-18
TcCLB.511825.30	hypothetical protein, conserved	1,407	5,619E-18
TcCLB.511781.31	trans-sialidase (pseudogene), putative	1,407	0,3917
TcCLB.503519.30	mucin-associated surface protein (MASP), putative	1,406	0,0001456
TcCLB.506859.240	hypothetical protein, conserved	1,406	0,000266
TcCLB.510423.50	hypothetical protein, conserved	1,405	2,315E-28

TcCLB.509213.100	3-ketoacyl-CoA reductase, putative	1,404	2,817E-35
TcCLB.510265.4	hypothetical protein, conserved	1,404	4,295E-07
TcCLB.508501.140	mucin TcMUCII, putative	1,404	0,00001219
TcCLB.507737.40	hypothetical protein, conserved (fragment)	1,404	0,01083
TcCLB.511331.10	calpain cysteine peptidase, putative (fragment)	1,403	0,01736
TcCLB.511843.80	retrotransposon hot spot (RHS) protein, putative	1,402	2,5E-13
TcCLB.506457.140	hypothetical protein, conserved	1,401	2,554E-09
TcCLB.509331.30	acetyl-CoA synthetase, putative	1,4	2,407E-27
TcCLB.507645.11	hypothetical protein, conserved (fragment)	1,4	1,159E-09
TcCLB.508493.100	mucin TcMUCII, putative	1,4	7,139E-06
TcCLB.506331.130	trans-sialidase, Group II, putative	1,4	0,0004584
TcCLB.506285.50	mucin TcMUCII, putative	1,4	0,001009
TcCLB.510377.190	mucin TcMUCII, putative	1,4	0,003857
TcCLB.511121.30	hypothetical protein	1,4	0,05877
TcCLB.507847.30	mucin TcMUCII (pseudogene), putative	1,397	0,006915
TcCLB.506675.30	retrotransposon hot spot protein (RHS, pseudogene), putat	1,396	7,02E-30
TcCLB.506961.130	retrotransposon hot spot protein (RHS, pseudogene), putat	1,396	4,026E-28
TcCLB.508043.20	metallo-beta-lactamase-like protein, putative	1,395	2,802E-26
TcCLB.511669.10	trans-sialidase, Group VIII, putative	1,394	8,579E-15
TcCLB.509973.25	mucin TcMUC (pseudogene), putative	1,394	0,00001552
TcCLB.508017.10	hypothetical protein, conserved	1,394	0,002514
TcCLB.508777.110	hypothetical protein, conserved	1,393	2,045E-35
TcCLB.510855.20	hypothetical protein, conserved	1,393	3,913E-20
TcCLB.510131.40	haloacid dehalogenase-like hydrolase, putative	1,393	2,027E-17
TcCLB.503779.109	hypothetical protein, conserved (fragment)	1,393	7,14E-16
TcCLB.509535.9	electron transport protein SCO1/SCO2, putative	1,393	2,024E-12
TcCLB.506219.40	hypothetical protein, conserved	1,392	1,589E-59
TcCLB.508677.150	glycosyl transferase, putative	1,392	2,295E-52
TcCLB.511817.260	hypothetical protein, conserved	1,392	9,233E-48
TcCLB.509961.20	dispersed gene family protein 1 (DGF-1), putative	1,392	0,007968
TcCLB.508225.4	trans-sialidase, putative	1,391	0,004822
TcCLB.511809.120	hypothetical protein, conserved	1,388	6,725E-43
TcCLB.503607.4	retrotransposon hot spot (RHS) protein, putative	1,388	6,999E-21
TcCLB.509967.140	hypothetical protein, conserved	1,388	1,334E-14
TcCLB.507699.64	mucin TcMUCII, putative	1,387	0,02247
TcCLB.503823.40	glycosyl hydrolase-like protein, putative	1,385	3,452E-41
TcCLB.510819.119	zinc finger (CCCH type) protein, putative	1,385	8,737E-29
TcCLB.509797.30	hypothetical protein, conserved	1,385	2,329E-24
TcCLB.506577.120	sterol C-24 reductase, putative	1,385	2,176E-16
TcCLB.460127.30	amino acid permease, putative	1,385	4,781E-07
TcCLB.504031.11	hypothetical protein	1,385	0,0008403
TcCLB.509765.20	retrotransposon hot spot protein (RHS, pseudogene), putat	1,384	0,0001364
TcCLB.510021.140	mucin TcMUCII (pseudogene), putative	1,384	0,001726
TcCLB.506823.20	retrotransposon hot spot protein (RHS, pseudogene), putat	1,382	6,081E-10
TcCLB.508799.240	aminopeptidase, putative	1,381	3,104E-54

TcCLB.511861.120	surface antigen TASV, putative	1,381	5,544E-11
TcCLB.508741.140	imidazolonepropionase, putative	1,38	9,248E-44
TcCLB.511809.40	hypothetical protein, conserved	1,38	2,77E-18
TcCLB.510861.50	hypothetical protein, conserved	1,38	0,0001774
TcCLB.511391.160	cytochrome c1, heme protein, mitochondrial, putative (CYC	1,379	2,569E-68
TcCLB.510759.40	Protein kinase domain, putative	1,379	5,569E-31
TcCLB.506931.80	p450 reductase, putative	1,379	7,643E-29
TcCLB.510883.10	retrotransposon hot spot (RHS) protein, putative	1,379	3,106E-17
TcCLB.511821.40	hypothetical protein, conserved	1,379	6,259E-13
TcCLB.509025.20	hypothetical protein, conserved	1,379	7,655E-09
TcCLB.506777.110	hypothetical protein, conserved	1,377	2,54E-33
TcCLB.504107.10	calpain-like cysteine peptidase, putative (fragment)	1,376	0,03135
TcCLB.506005.10	dispersed gene family protein 1 (DGF-1, pseudogene), puta	1,375	5,193E-20
TcCLB.506435.424	hypothetical protein, conserved	1,375	7,278E-11
TcCLB.508495.200	mucin TcMUCII, putative	1,375	1,57E-10
TcCLB.401569.10	trans-sialidase, putative	1,375	0,0006766
TcCLB.506059.10	trans-sialidase, putative	1,375	0,0007609
TcCLB.506823.80	retrotransposon hot spot protein (RHS, pseudogene), putat	1,374	2,853E-16
TcCLB.505919.11	mucin-associated surface protein (MASP, pseudogene), pu	1,373	3,137E-23
TcCLB.510279.180	mucin TcMUCII (pseudogene), putative	1,373	0,04372
TcCLB.506501.80	mucin-associated surface protein (MASP, pseudogene), pu	1,372	0,000097
TcCLB.507757.30	hypothetical protein, conserved	1,371	2,678E-14
TcCLB.510279.120	mucin-associated surface protein (MASP), putative	1,371	0,03408
TcCLB.506263.20	D-isomer specific 2-hydroxyacid dehydrogenase-protein, pu	1,37	1,01E-45
TcCLB.510349.10	hypothetical protein, conserved	1,37	7,251E-19
TcCLB.509545.79	mucin-associated surface protein (MASP), putative	1,37	0,02527
TcCLB.511375.30	hypothetical protein (fragment)	1,369	0,02835
TcCLB.399997.10	retrotransposon hot spot (RHS) protein, putative	1,368	2,676E-23
TcCLB.508499.20	mucin-associated surface protein (MASP), putative	1,368	3,417E-06
TcCLB.506157.30	retrotransposon hot spot protein (RHS, pseudogene), putat	1,365	2,754E-15
TcCLB.508069.10	retrotransposon hot spot protein (RHS, pseudogene), putat	1,365	1,672E-10
TcCLB.511607.60	trans-sialidase (pseudogene), putative	1,365	6,256E-09
TcCLB.508493.70	hypothetical protein	1,365	0,00432
TcCLB.510961.40	mucin TcMUCII, putative	1,365	0,02808
TcCLB.511607.30	mucin TcMUCII, putative	1,365	0,07614
TcCLB.508221.790	trans-sialidase, Group V, putative	1,364	0,006021
TcCLB.511909.60	hypothetical protein, conserved	1,363	1,054E-16
TcCLB.452475.10	trans-sialidase, Group V, putative	1,363	0,001126
TcCLB.508443.30	hypothetical protein, conserved	1,362	1,959E-44
TcCLB.506477.10	cytochrome c oxidase assembly factor, putative	1,361	3,029E-19
TcCLB.504071.110	ama1 protein, putative	1,361	1,403E-13
TcCLB.510265.10	quinone oxidoreductase, putative	1,36	1,76E-23
TcCLB.511727.220	hypothetical protein, conserved	1,36	1,281E-19
TcCLB.509387.10	trans-sialidase, Group VIII, putative	1,36	6,418E-18
TcCLB.509965.144	hypothetical protein, conserved	1,359	4,077E-16



TcCLB.510377.10	trans-sialidase, Group V, putative	1,359	0,0009629
TcCLB.508677.30	trans-sialidase (pseudogene), putative	1,358	4,324E-11
TcCLB.509281.30	hypothetical protein	1,358	1,358E-09
TcCLB.508799.160	cytochrome b5-like protein, putative	1,357	2,415E-42
TcCLB.511079.71	mucin TcMUC (pseudogene), putative	1,356	0,004355
TcCLB.508119.144	ribosomal protein L38, putative	1,355	4,816E-32
TcCLB.506585.70	p450 reductase, putative	1,354	1,245E-56
TcCLB.506521.9	dispersed gene family protein 1 (DGF-1), putative	1,354	4,655E-16
TcCLB.510025.50	trans-sialidase, Group V, putative	1,353	3,514E-10
TcCLB.508903.100	ATPase, putative	1,353	3,794E-07
TcCLB.511797.130	mucin TcMUCII (pseudogene), putative	1,353	4,903E-06
TcCLB.403031.10	trans-sialidase, putative (fragment)	1,353	0,3862
TcCLB.506865.2	nucleoside phosphorylase, putative	1,352	8,833E-15
TcCLB.506187.20	trans-sialidase, Group V, putative	1,351	2,12E-10
TcCLB.507427.20	dispersed gene family protein 1 (DGF-1, pseudogene), putative	1,351	0,00000292
TcCLB.505843.49	ERV/ALR sulfhydryl oxidase domain-containing protein (PC	1,35	3,142E-06
TcCLB.507699.90	mucin TcMUCII, putative	1,35	0,0002429
TcCLB.503519.20	mucin TcMUCII, putative	1,35	0,009631
TcCLB.507179.7	trans-sialidase (pseudogene), putative	1,349	3,069E-11
TcCLB.510583.40	mucin TcMUCII, putative	1,349	0,06354
TcCLB.510879.170	hypothetical protein, conserved	1,348	1,262E-14
TcCLB.510115.70	trans-sialidase, putative	1,348	0,001291
TcCLB.508449.31	trans-sialidase, putative	1,348	0,02539
TcCLB.507085.30	trans-sialidase, Group I, putative	1,347	3,626E-16
TcCLB.509665.10	hypothetical protein	1,347	0,06049
TcCLB.506767.130	mucin TcMUCII, putative	1,347	0,296
TcCLB.509477.10	mucin-associated surface protein (MASP), putative	1,347	0,3921
TcCLB.504769.140	trans-sialidase, Group VIII, putative	1,346	0,0001969
TcCLB.504093.10	hypothetical protein, conserved (pseudogene)	1,345	1,179E-25
TcCLB.511511.40	hypothetical protein, conserved	1,345	4,294E-25
TcCLB.510151.19	fatty acyl CoA synthetase 1, putative	1,345	1,16E-14
TcCLB.511127.270	ankyrin repeat protein, putative	1,345	5,494E-10
TcCLB.509079.10	surface protease GP63 (pseudogene), putative	1,344	0,05261
TcCLB.507981.40	hypothetical protein	1,344	0,3487
TcCLB.441241.10	microtubule-associated protein Gb4, putative (fragment)	1,343	2,021E-22
TcCLB.506369.20	transporter, putative	1,343	2,494E-10
TcCLB.506631.30	hypothetical protein, conserved	1,342	3,606E-23
TcCLB.511019.84	GDP-mannose 4,6 dehydratase, putative	1,342	2,144E-17
TcCLB.508873.25	hypothetical protein	1,342	0,004605
TcCLB.509151.70	hypothetical protein, conserved	1,34	5,969E-39
TcCLB.506615.29	mucin-associated surface protein (MASP, pseudogene), pu	1,34	9,012E-14
TcCLB.509915.50	trans-sialidase (pseudogene), putative	1,34	0,03926
TcCLB.511751.150	hypothetical protein, conserved	1,339	2,367E-11
TcCLB.511203.5	hypothetical protein, conserved	1,339	0,002559
TcCLB.510013.260	mucin-associated surface protein (MASP), putative	1,339	0,02865

TcCLB.511655.40	hypothetical protein, conserved	1,338	5,419E-21
TcCLB.506989.220	hypothetical protein, conserved	1,337	4,428E-22
TcCLB.507021.110	phosphopantothencycysteine decarboxylase, putative (PPC)	1,337	9,836E-22
TcCLB.510671.10	dispersed gene family protein 1 (DGF-1), putative	1,336	1,922E-11
TcCLB.503633.30	surface protease GP63, putative	1,336	0,01197
TcCLB.508071.20	trans-sialidase (pseudogene), putative	1,336	0,04692
TcCLB.506999.180	hypothetical protein	1,334	1,356E-37
TcCLB.510523.20	hypothetical protein, conserved	1,334	6,653E-13
TcCLB.508269.40	hypothetical protein, conserved	1,334	8,118E-12
TcCLB.506063.20	retrotransposon hot spot protein (RHS, pseudogene), putat	1,334	2,051E-10
TcCLB.459199.10	retrotransposon hot spot (RHS) protein, putative	1,333	4,47E-63
TcCLB.510715.120	mucin TcMUCII, putative	1,333	0,00281
TcCLB.506593.50	hypothetical protein, conserved	1,332	4,746E-20
TcCLB.508163.234	trans-sialidase, putative	1,331	0,0021
TcCLB.508267.20	hypothetical protein, conserved	1,33	5,913E-34
TcCLB.508687.20	retrotransposon hot spot protein (RHS, pseudogene), putat	1,33	2,697E-14
TcCLB.508593.130	hypothetical protein, conserved	1,329	5,854E-31
TcCLB.506583.70	cytosolic factor SEC14, putative	1,329	2,148E-15
TcCLB.510933.120	surface protease GP63, putative	1,329	8,866E-07
TcCLB.511117.60	mucin-associated surface protein (MASP, pseudogene), pu	1,329	0,004757
TcCLB.508079.10	conserved protein	1,328	2,536E-50
TcCLB.508173.10	retrotransposon hot spot protein (RHS, pseudogene), putat	1,328	1,009E-48
TcCLB.510769.60	hypothetical protein, conserved (pseudogene)	1,328	4,591E-25
TcCLB.509869.10	mucin TcMUCI, putative	1,328	0,01037
TcCLB.506777.40	hypothetical protein, conserved	1,327	2,126E-28
TcCLB.504479.10	trans-sialidase, Group II, putative	1,327	5,171E-15
TcCLB.506761.54	mucin-associated surface protein (MASP, pseudogene), pu	1,327	0,01203
TcCLB.506287.100	hypothetical protein, conserved	1,326	1,835E-16
TcCLB.424123.20	paraflagellar rod component, putative (PFC16)	1,326	1,357E-11
TcCLB.508229.30	mucin-associated surface protein (MASP), putative	1,326	0,004976
TcCLB.508389.50	mucin-associated surface protein (MASP), putative	1,326	0,008592
TcCLB.508515.90	hypothetical protein, conserved	1,325	3,473E-10
TcCLB.510979.60	mucin TcMUCII, putative	1,325	0,01329
TcCLB.506459.60	retrotransposon hot spot protein (RHS, pseudogene), putat	1,323	1,182E-18
TcCLB.503477.10	hypothetical protein, conserved	1,323	3,127E-14
TcCLB.506469.30	protein kinase, putative	1,323	1,525E-09
TcCLB.509725.113	ATP-dependent DEAD/H RNA helicase (pseudogene), putat	1,323	0,001162
TcCLB.506423.20	mucin TcMUCII, putative	1,323	0,2226
TcCLB.504533.40	trans-sialidase, Group IV, putative	1,322	1,793E-29
TcCLB.510021.150	hypothetical protein, conserved (pseudogene)	1,322	0,0001239
TcCLB.511613.50	mucin TcMUCII, putative	1,322	0,006495
TcCLB.506015.50	hypothetical protein (pseudogene)	1,322	0,01342
TcCLB.507031.100	hypothetical protein, conserved	1,321	1,551E-16
TcCLB.509533.10	trans-sialidase, Group II, putative	1,321	1,096E-11
TcCLB.504149.160	phosphoinositide-specific phospholipase C, putative	1,32	7,627E-45

TcCLB.508173.40	mercaptopyruvate sulfurtransferase, putative (MST)	1,319	1,862E-27
TcCLB.503411.20	hypothetical protein, conserved	1,319	1,137E-18
TcCLB.510089.60	hypothetical protein, conserved	1,319	1,669E-12
TcCLB.508851.120	ADP-ribosylation factor GTPase activating protein, putative	1,317	1,609E-20
TcCLB.507089.210	hypothetical protein, conserved	1,316	3,193E-26
TcCLB.509495.30	trans-sialidase, Group I, putative	1,316	1,102E-14
TcCLB.506327.99	serine/threonine protein kinase, putative (fragment)	1,315	3,175E-20
TcCLB.509109.120	protein tyrosine phosphatase, putative	1,314	8,935E-20
TcCLB.507765.149	hypothetical protein, conserved	1,314	1,838E-16
TcCLB.511257.100	surface protease GP63, putative	1,313	1,89E-13
TcCLB.503991.20	Xaa-Pro aminopeptidase, putative	1,312	3,86E-29
TcCLB.507953.180	mucin TcMUCII, putative	1,312	0,01154
TcCLB.507587.50	hypothetical protein	1,312	0,06891
TcCLB.506779.100	RNA-binding protein, putative	1,311	2,499E-14
TcCLB.504039.230	mucin-associated surface protein (MASP), putative	1,311	0,0008225
TcCLB.506857.20	pyrroline-5-carboxylate reductase, putative (P5CR)	1,31	2,672E-25
TcCLB.509259.180	retrotransposon hot spot (RHS) protein, putative	1,31	4,075E-23
TcCLB.510525.139	protein kinase, putative	1,31	8,335E-09
TcCLB.506529.70	hypothetical protein, conserved	1,309	1,009E-19
TcCLB.510325.40	acyltransferase, putative	1,309	7,708E-18
TcCLB.506331.90	trans-sialidase, Group II, putative	1,309	0,00001329
TcCLB.503889.10	mucin TcMUCII, putative	1,309	0,000023
TcCLB.503553.10	trans-sialidase (pseudogene), putative	1,309	0,02092
TcCLB.506779.160	palmitoyl acyltransferase 9, putative	1,308	1,246E-23
TcCLB.509967.170	dynein arm light chain, putative	1,308	1,026E-22
TcCLB.509295.50	beta galactofuranosyl glycosyltransferase, putative	1,308	4,625E-06
TcCLB.509493.110	mucin TcMUCII, putative	1,308	0,0003966
TcCLB.511865.10	hypothetical protein, conserved	1,307	1,804E-39
TcCLB.506649.50	cytochrome c oxidase assembly factor, putative	1,307	1,472E-20
TcCLB.511643.73	mucin-associated surface protein (MASP, pseudogene), pu	1,307	0,02286
TcCLB.506401.320	60S ribosomal protein L7a, putative	1,306	3,082E-64
TcCLB.511817.100	hypothetical protein, conserved	1,306	1,01E-33
TcCLB.503527.40	GPI alpha-mannosyltransferase III (GPI10)	1,306	2,261E-17
TcCLB.508005.10	hypothetical protein	1,306	0,0752
TcCLB.507711.20	paraflagellar rod component, putative (PFC16)	1,305	1,619E-14
TcCLB.510093.20	trans-sialidase, Group VIII, putative	1,305	4,384E-07
TcCLB.508009.10	surface protease GP63 (pseudogene), putative	1,305	0,003598
TcCLB.507471.10	surface protease GP63 (pseudogene), putative	1,305	0,247
TcCLB.509777.140	hypothetical protein, conserved	1,304	6,751E-17
TcCLB.509259.40	surface protease GP63, putative	1,304	0,01857
TcCLB.506465.14	hypothetical protein, conserved	1,302	1,092E-18
TcCLB.511309.40	hydrolase-like protein, putative	1,302	7,685E-09
TcCLB.503503.30	mucin TcMUCII, putative	1,302	0,0003353
TcCLB.506325.36	N-acetyltransferase complex ARD1 subunit (pseudogene),	1,302	0,007342
TcCLB.509973.40	hypothetical protein	1,302	0,01617

TcCLB.508511.49	trans-sialidase, putative	1,301	0,0006983
TcCLB.507391.20	hypothetical protein, conserved (pseudogene)	1,3	2,66E-19
TcCLB.511885.20	trans-sialidase, Group II, putative	1,3	9,178E-11
TcCLB.506217.40	trans-sialidase, Group VIII, putative	1,3	0,00004384
TcCLB.509857.50	bilobe protein, conserved	1,299	5,667E-33
TcCLB.506367.30	1,2-Dihydroxy-3-keto-5-methylthiopentene dioxygenase, pu	1,298	1,448E-55
TcCLB.510155.115	hypothetical protein, conserved	1,297	1,316E-18
TcCLB.509759.10	L-ribulokinase, putative	1,297	1,047E-06
TcCLB.511461.60	NADH-dependent fumarate reductase (pseudogene), putat	1,296	3,182E-45
TcCLB.511807.284	carnitine O-palmitoyltransferase II, putative	1,296	1,245E-33
TcCLB.508521.40	hypothetical protein	1,296	0,04737
TcCLB.510101.250	hypothetical protein, conserved	1,295	3,784E-30
TcCLB.510407.90	serine hydroxymethyltransferase, putative	1,295	4,027E-24
TcCLB.506425.90	hypothetical protein, conserved	1,295	3,935E-20
TcCLB.511057.30	mucin-associated surface protein (MASP), putative	1,295	0,1006
TcCLB.506843.5	trans-sialidase, putative (fragment)	1,295	0,319
TcCLB.509437.60	hypothetical protein, conserved	1,294	4,84E-29
TcCLB.445635.10	receptor-type adenylate cyclase (pseudogene), putative	1,294	1,925E-17
TcCLB.509331.100	hypothetical protein, conserved	1,294	1,642E-11
TcCLB.509963.30	tryptophanyl-tRNA synthetase (pseudogene), putative	1,294	0,04191
TcCLB.509149.80	hypothetical protein, conserved	1,293	1,445E-27
TcCLB.508045.120	trans-sialidase, Group III, putative	1,293	4,115E-22
TcCLB.504423.15	hypothetical protein, conserved	1,293	4,215E-14
TcCLB.511233.160	hypothetical protein	1,293	0,001879
TcCLB.511771.40	trans-sialidase (pseudogene), putative	1,292	0,0452
TcCLB.506001.24	hypothetical protein (pseudogene)	1,292	0,1813
TcCLB.507677.160	hypothetical protein, conserved	1,291	3,372E-37
TcCLB.509977.30	mucin-associated surface protein (MASP), putative	1,291	4,543E-08
TcCLB.503579.119	hypothetical protein, conserved	1,291	8,631E-07
TcCLB.510483.300	mucin TcMUCII, putative	1,291	0,001175
TcCLB.504269.20	GPR1/FUN34/yaaH family, putative	1,29	3,481E-31
TcCLB.506467.29	methyltransferase domain containing protein, putative (PC	1,29	4,447E-31
TcCLB.510667.110	hypothetical protein, conserved	1,29	1,015E-14
TcCLB.506487.37	hypothetical protein	1,29	0,0008752
TcCLB.509877.60	hypothetical protein, conserved	1,289	3,717E-23
TcCLB.506241.160	hypothetical protein, conserved	1,288	5,703E-31
TcCLB.506129.30	trans-sialidase, Group II, putative	1,288	4,887E-16
TcCLB.506615.120	trans-sialidase (pseudogene), putative	1,288	2,775E-11
TcCLB.511173.89	mucin TcMUCII (pseudogene), putative	1,287	0,00005026
TcCLB.510495.11	surface protease GP63 (pseudogene), putative	1,287	0,002544
TcCLB.511255.640	mucin TcMUCII, putative	1,287	0,0473
TcCLB.510289.54	hypothetical protein, conserved	1,286	5,824E-09
TcCLB.506129.20	dispersed gene family protein 1 (DGF-1, pseudogene), puta	1,286	0,003285
TcCLB.505955.4	mucin TcMUCII, putative (fragment)	1,286	0,009403
TcCLB.510593.20	hypothetical protein, conserved	1,285	1,145E-24

TcCLB.510611.50	hypothetical protein, conserved	1,285	2,388E-20
TcCLB.503531.20	hypothetical protein, conserved	1,285	1,173E-19
TcCLB.506715.44	hypothetical protein, conserved	1,285	1,514E-09
TcCLB.509461.50	hypothetical protein, conserved	1,284	2,587E-16
TcCLB.508117.20	mucin-associated surface protein (MASP, pseudogene), pu	1,284	0,0001348
TcCLB.511597.10	trans-sialidase, putative	1,284	0,2301
TcCLB.511821.60	protein kinase, putative	1,283	1,719E-18
TcCLB.510053.10	hypothetical protein, conserved	1,283	3,374E-08
TcCLB.511827.125	trans-sialidase (pseudogene), putative	1,283	0,0001436
TcCLB.506133.75	mucin TcMUCII (pseudogene), putative	1,283	0,0001848
TcCLB.506599.350	mucin TcMUCII, putative	1,283	0,3337
TcCLB.507707.20	hypothetical protein, conserved	1,282	4,518E-25
TcCLB.504669.40	mucin-associated surface protein (MASP, pseudogene), pu	1,281	1,976E-17
TcCLB.504015.30	surface protease GP63, putative	1,281	2,843E-07
TcCLB.510849.11	retrotransposon hot spot protein (RHS, pseudogene), putat	1,281	0,00006471
TcCLB.508641.220	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, pu	1,28	3,269E-10
TcCLB.510041.30	hypothetical protein, conserved (fragment)	1,279	9,104E-06
TcCLB.508799.220	hypothetical protein, conserved (pseudogene)	1,279	0,009751
TcCLB.511771.30	beta galactofuranosyl glycosyltransferase (pseudogene), pu	1,278	0,00001174
TcCLB.506995.40	mucin TcMUCII, putative	1,278	0,002859
TcCLB.477983.10	calpain cysteine peptidase, putative	1,278	0,03956
TcCLB.506145.30	O-6 methyl-guanine alkyl transferase, putative	1,277	2,511E-08
TcCLB.509217.60	trans-sialidase (pseudogene), putative	1,277	0,003167
TcCLB.511025.80	hypothetical protein, conserved	1,276	3,808E-08
TcCLB.510595.30	hypothetical protein	1,276	3,203E-07
TcCLB.506843.40	retrotransposon hot spot (RHS) protein, putative	1,275	7,301E-54
TcCLB.509459.60	Na/H antiporter-like protein, putative	1,275	2,429E-39
TcCLB.503469.9	dispersed gene family protein 1 (DGF-1), putative (fragme	1,275	9,542E-13
TcCLB.510095.20	trans-sialidase, Group II, putative	1,275	0,08359
TcCLB.507105.100	retrotransposon hot spot protein (RHS, pseudogene), putat	1,273	1,387E-41
TcCLB.508995.60	electron transport protein SCO1/2, putative	1,273	7,364E-14
TcCLB.415803.10	hypothetical protein, conserved	1,273	9,319E-07
TcCLB.507163.20	hypothetical protein	1,273	0,0228
TcCLB.507547.90	Phosphoenolpyruvate carboxykinase [ATP], glycosomal	1,272	7,495E-56
TcCLB.508039.30	retrotransposon hot spot (RHS) protein, putative	1,272	1,481E-25
TcCLB.511829.5	trans-sialidase (pseudogene), putative	1,272	3,564E-10
TcCLB.508055.20	retrotransposon hot spot protein (RHS, pseudogene), putat	1,271	3,512E-07
TcCLB.506401.170	plasma membrane Ca <sup>2+</sup> ATPase	1,27	4,217E-55
TcCLB.504177.10	fatty acyl CoA synthetase 2, putative	1,27	1,307E-12
TcCLB.507959.200	mucin TcMUCII, putative	1,27	0,03236
TcCLB.506279.90	mucin TcMUCII, putative	1,27	0,06124
TcCLB.509153.130	hypothetical protein	1,268	3,815E-21
TcCLB.510303.200	glucosamine-fructose-6-phosphate aminotransferase, puta	1,266	2,828E-23
TcCLB.507167.80	trans-sialidase, Group II, putative	1,266	0,00001489
TcCLB.508157.40	hypothetical protein	1,266	0,005465

TcCLB.507071.164	mucln TcMUCII (pseudogene), putative	1,266	0,1019
TcCLB.510087.90	hypothetical protein, conserved	1,265	3,439E-12
TcCLB.511807.22	retrotransposon hot spot protein (RHS, pseudogene), putative	1,264	3,01E-22
TcCLB.507991.129	cyclophilin, putative	1,264	1,22E-12
TcCLB.507925.60	calcium-binding protein, putative	1,263	1,246E-14
TcCLB.509859.80	coronin, putative (CRN12)	1,262	4,436E-43
TcCLB.503775.50	mucln TcMUCII (pseudogene), putative	1,261	0,02666
TcCLB.506779.180	surface protease GP63, putative	1,26	4,579E-10
TcCLB.511531.30	hypothetical protein, conserved	1,26	1,362E-06
TcCLB.507895.80	hypothetical protein, conserved	1,259	2,027E-22
TcCLB.510921.20	mucln TcMUCII, putative	1,259	0,001033
TcCLB.510359.120	hypothetical protein, conserved (pseudogene)	1,258	7,782E-19
TcCLB.511005.10	retrotransposon hot spot (RHS) protein, putative (fragment)	1,258	5,001E-16
TcCLB.490989.10	trans-sialidase, putative	1,258	0,001253
TcCLB.508441.20	Phosphoenolpyruvate carboxykinase [ATP], glycosomal	1,257	4,516E-63
TcCLB.509137.30	imidazolonepropionase, putative	1,257	1,556E-34
TcCLB.511065.23	hypothetical protein, conserved	1,257	1,068E-13
TcCLB.511245.10	hypothetical protein, conserved	1,257	4,047E-12
TcCLB.511593.20	mucln TcMUCII, putative	1,257	0,0347
TcCLB.511517.44	chaperone DNAJ protein, putative	1,256	6,425E-22
TcCLB.506811.20	hypothetical protein, conserved	1,255	1,417E-18
TcCLB.505183.14	hypothetical protein, conserved	1,255	3,131E-12
TcCLB.510187.439	hypothetical protein	1,254	1,419E-42
TcCLB.511337.4	hypothetical protein, conserved	1,254	1,663E-06
TcCLB.510603.160	hypothetical protein, conserved	1,253	2,06E-20
TcCLB.508261.80	trans-sialidase (pseudogene), putative	1,253	0,001432
TcCLB.508975.30	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, putative	1,253	0,07595
TcCLB.508433.170	mucln TcMUCII, putative	1,253	0,1859
TcCLB.508045.90	oxidoreductase, putative	1,252	4,328E-19
TcCLB.504669.30	surface protease GP63, putative	1,252	3,07E-15
TcCLB.511773.110	retrotransposon hot spot (RHS) protein, putative	1,251	1,801E-37
TcCLB.510479.11	retrotransposon hot spot (RHS) protein, putative (fragment)	1,251	2,494E-21
TcCLB.458015.4	hypothetical protein, conserved	1,251	1,719E-18
TcCLB.508501.190	hypothetical protein, conserved	1,251	4,466E-09
TcCLB.509769.30	hypothetical protein, conserved	1,251	2,582E-06
TcCLB.509373.30	mucln-associated surface protein (MASP, pseudogene), putative	1,251	0,005835
TcCLB.508743.10	surface antigen TASV, putative	1,25	4,963E-25
TcCLB.509217.180	trans-sialidase (pseudogene), putative	1,249	0,1088
TcCLB.418221.30	hypothetical protein, conserved	1,248	9,615E-51
TcCLB.508077.9	conserved protein (fragment)	1,248	2,458E-39
TcCLB.506941.40	hypothetical protein, conserved	1,248	2,813E-16
TcCLB.510361.160	retrotransposon hot spot protein (RHS, pseudogene), putative	1,248	1,366E-06
TcCLB.507801.200	dispersed gene family protein 1 (DGF-1), putative	1,248	0,04702
TcCLB.507357.90	mucln-associated surface protein (MASP), putative	1,248	0,09597
TcCLB.506775.130	hypothetical protein, conserved	1,247	1,611E-31

TcCLB.509199.24	ribose 5-phosphate isomerase type B	1,247	6,184E-22
TcCLB.504105.70	hypothetical protein, conserved	1,247	1,918E-21
TcCLB.506015.30	mucin-associated surface protein (MASP, pseudogene), pu	1,247	3,29E-12
TcCLB.509237.90	hypothetical protein, conserved	1,247	1,161E-09
TcCLB.507133.10	trans-sialidase, putative	1,247	0,00001371
TcCLB.508115.10	hypothetical protein	1,247	0,000348
TcCLB.494675.10	fatty acyl CoA synthetase 2, putative	1,246	5,264E-22
TcCLB.503521.30	Dynein light chain roadblock-type protein, putative	1,246	4,589E-17
TcCLB.508325.270	retrotransposon hot spot protein (RHS, pseudogene), putat	1,245	6,195E-15
TcCLB.503891.80	hypothetical protein, conserved	1,245	1,078E-14
TcCLB.509279.10	hypothetical protein, conserved	1,245	1,226E-08
TcCLB.508873.30	mucin-associated surface protein (MASP), putative	1,245	2,432E-08
TcCLB.510851.21	retrotransposon hot spot protein (RHS, pseudogene), putat	1,244	1,098E-27
TcCLB.437121.9	hypothetical protein, conserved (fragment)	1,244	4,529E-20
TcCLB.507485.100	hypothetical protein, conserved	1,244	3,015E-18
TcCLB.511233.80	calmodulin, putative	1,244	1,486E-16
TcCLB.511645.21	mucin TcMUCII, putative	1,244	0,0001993
TcCLB.506799.120	hypothetical protein	1,244	0,000332
TcCLB.503507.20	mucin TcMUCII, putative (fragment)	1,244	0,1028
TcCLB.503849.60	NADH-dependent fumarate reductase, putative	1,243	4,347E-29
TcCLB.508179.60	protein kinase, putative	1,243	1,064E-25
TcCLB.506615.50	mucin TcMUCII, putative	1,243	3,298E-08
TcCLB.510025.80	hypothetical protein, conserved (pseudogene)	1,243	0,00001025
TcCLB.506599.250	surface protease GP63 (pseudogene), putative	1,243	0,09386
TcCLB.510859.17	nucleolar RNA-binding protein, putative	1,242	6,03E-65
TcCLB.508443.60	hypothetical protein, conserved	1,242	7,682E-19
TcCLB.510861.30	hypothetical protein, conserved	1,241	4,707E-21
TcCLB.505807.10	cyclophilin, putative	1,241	4,075E-11
TcCLB.511797.260	mucin-associated surface protein (MASP, pseudogene), pu	1,241	0,05821
TcCLB.510959.15	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	1,241	0,08962
TcCLB.505757.20	transcriptional regulator, putative	1,239	1,78E-13
TcCLB.504797.100	35 kDa cyclophilin, putative (CYP35)	1,238	1,521E-14
TcCLB.509013.10	calpain-like cysteine peptidase, putative	1,238	3,025E-09
TcCLB.511825.180	ATP-dependent DEAD/H RNA helicase, putative	1,237	4,805E-38
TcCLB.509979.150	nitrilase, putative	1,237	4,523E-25
TcCLB.510519.14	hypothetical protein, conserved	1,237	1,659E-07
TcCLB.452283.10	amino acid permease (pseudogene), putative	1,236	8,552E-08
TcCLB.511731.74	hypothetical protein, conserved	1,235	7,393E-13
TcCLB.510037.10	mucin-associated surface protein (MASP), putative	1,235	7,907E-09
TcCLB.508461.580	hypothetical protein	1,234	6,831E-37
TcCLB.509721.40	MIX protein, putative	1,234	7,221E-15
TcCLB.506567.70	NAD(P)-dependent oxidoreductase, putative	1,233	4,207E-26
TcCLB.511393.49	hypothetical protein, conserved	1,233	1,095E-18
TcCLB.507645.20	hypothetical protein, conserved	1,233	4,109E-16
TcCLB.509767.230	hypothetical protein, conserved	1,233	1,167E-14

TcCLB.507023.80	hypothetical protein, conserved	1,233	3,346E-08
TcCLB.508167.20	mucin TcMUCII, putative	1,233	0,007308
TcCLB.507957.43	hypothetical protein, conserved (pseudogene)	1,233	0,2
TcCLB.506825.100	hypothetical protein, conserved	1,232	3,416E-23
TcCLB.506261.10	fatty acyl CoA synthetase 2, putative	1,231	2,239E-24
TcCLB.507787.100	gamma-glutamylcysteine synthetase, putative	1,223	1,076E-22
TcCLB.509597.29	hypothetical protein, conserved	1,229	9,216E-12
TcCLB.508501.10	hypothetical protein	1,228	0,002212
TcCLB.507709.60	hypothetical protein, conserved	1,227	9,579E-35
TcCLB.511589.74	hypothetical protein	1,227	1,13E-17
TcCLB.506843.20	retrotransposon hot spot protein (RHS, pseudogene), putat	1,227	3,118E-11
TcCLB.508143.50	trans-sialidase (pseudogene), putative	1,227	1,773E-10
TcCLB.508343.10	trans-sialidase, putative	1,227	0,3665
TcCLB.504071.30	hypothetical protein, conserved	1,226	9,661E-50
TcCLB.509431.10	hypothetical protein, conserved (pseudogene)	1,226	6,708E-15
TcCLB.510889.261	cruzipain precursor, putative	1,226	1,815E-08
TcCLB.508541.160	hypothetical protein, conserved	1,226	3,442E-07
TcCLB.510137.10	trans-sialidase (pseudogene), putative	1,226	0,00003394
TcCLB.506327.90	serine/threonine protein kinase, putative	1,225	2,968E-35
TcCLB.507011.240	hypothetical protein, conserved	1,224	1,433E-09
TcCLB.510111.11	trans-sialidase (pseudogene), putative	1,224	0,00001071
TcCLB.506055.30	retrotransposon hot spot protein (RHS, pseudogene), putat	1,224	0,00007329
TcCLB.506779.90	hypothetical protein, conserved	1,223	2,622E-38
TcCLB.506943.40	hypothetical protein, conserved	1,223	6,589E-13
TcCLB.508297.41	hypothetical protein, conserved	1,223	7,648E-08
TcCLB.509115.50	mucin-like glycoprotein, putative	1,223	0,00006225
TcCLB.511671.20	trans-sialidase (pseudogene), putative	1,223	0,0003099
TcCLB.511395.80	hypothetical protein	1,222	1,314E-20
TcCLB.508831.10	hypothetical protein, conserved	1,222	1,145E-17
TcCLB.507747.180	trans-sialidase, Group VI, putative	1,222	2,139E-12
TcCLB.510165.90	trans-sialidase (pseudogene), putative	1,222	0,00003542
TcCLB.508885.10	surface protease GP63 (pseudogene), putative	1,222	0,06277
TcCLB.506775.30	tubulin-tyrosine ligase-like protein, putative	1,221	7,193E-37
TcCLB.508547.150	hypothetical protein, conserved	1,221	9,555E-37
TcCLB.510661.190	protein kinase, putative	1,221	0,0007532
TcCLB.508081.50	mucin-associated surface protein (MASP), putative	1,221	0,001475
TcCLB.511181.40	hypothetical protein	1,22	2,591E-10
TcCLB.503993.20	hypothetical protein	1,22	0,04997
TcCLB.510039.70	hypothetical protein, conserved	1,218	4,618E-16
TcCLB.506349.47	retrotransposon hot spot protein (RHS, pseudogene), putat	1,218	0,0004415
TcCLB.503613.60	acidocalcisomal pyrophosphatase, putative	1,217	3,026E-29
TcCLB.506831.63	hypothetical protein, conserved	1,217	3,109E-13
TcCLB.506501.70	mucin TcMUCII, putative	1,217	0,03847
TcCLB.511805.20	Trichohyalin, putative	1,216	1,713E-08
TcCLB.509331.150	permease-like protein, putative	1,216	5,252E-08



TcCLB.509925.20	mucin TcMUCII, putative	1,216	2,252E-07
TcCLB.506329.50	mucin TcMUCII, putative	1,216	0,03921
TcCLB.510101.90	hypothetical protein, conserved	1,215	3,923E-44
TcCLB.503925.40	hypothetical protein	1,215	6,022E-12
TcCLB.503697.40	hypothetical protein	1,215	2,819E-09
TcCLB.506153.3	hypothetical protein, conserved	1,214	4,469E-17
TcCLB.503739.20	trans-sialidase (pseudogene), putative	1,214	1,464E-08
TcCLB.507779.20	trans-sialidase (pseudogene), putative	1,214	1,917E-06
TcCLB.511843.60	retrotransposon hot spot protein (RHS, pseudogene), putat	1,214	0,00003003
TcCLB.508221.860	mucin-associated surface protein (MASP, pseudogene), pu	1,214	0,01745
TcCLB.511773.90	retrotransposon hot spot protein (RHS, pseudogene), putat	1,213	7,222E-20
TcCLB.441401.10	imidazolonepropienase, putative	1,213	1,247E-17
TcCLB.508695.10	hypothetical protein, conserved	1,213	0,00001238
TcCLB.508761.150	mucin-associated surface protein (MASP, pseudogene), pu	1,213	0,03543
TcCLB.510101.430	40S ribosomal protein S21, putative	1,212	4,732E-25
TcCLB.506375.90	hypothetical protein, conserved	1,212	8,844E-16
TcCLB.509695.20	hypothetical protein, conserved	1,212	3,085E-13
TcCLB.509885.80	hypothetical protein, conserved	1,212	0,00002323
TcCLB.504039.120	mucin TcMUCII, putative	1,212	0,0663
TcCLB.418185.50	retrotransposon hot spot protein (RHS, pseudogene), putat	1,211	2,792E-17
TcCLB.506305.29	hypothetical protein, conserved	1,209	5,625E-25
TcCLB.508177.10	hypothetical protein, conserved	1,209	4,104E-18
TcCLB.511373.20	mucin TcMUCII, putative	1,209	0,0005525
TcCLB.509857.40	hypothetical protein, conserved	1,208	2,133E-36
TcCLB.511595.50	mucin-associated surface protein (MASP, pseudogene), pu	1,208	0,0001022
TcCLB.510715.64	mucin-associated surface protein (MASP), putative	1,208	0,1392
TcCLB.504131.180	ATPase subunit 9, putative	1,207	2,978E-30
TcCLB.511645.10	mucin-associated surface protein (MASP), putative	1,207	0,00009239
TcCLB.508165.400	mucin TcMUCII, putative	1,207	0,006041
TcCLB.510947.30	hypothetical protein, conserved	1,206	1,362E-18
TcCLB.508507.40	hypothetical protein, conserved	1,206	4,157E-07
TcCLB.508139.110	hypothetical protein	1,206	0,01237
TcCLB.510279.40	90 kDa surface protein, putative	1,206	0,03755
TcCLB.509875.170	pyruvate dehydrogenase (lipoamide) kinase, putative	1,205	1,706E-23
TcCLB.507669.10	fumarate hydratase, putative	1,204	1,44E-23
TcCLB.506791.50	Present in the outer mitochondrial membrane proteome 3'	1,204	1,687E-19
TcCLB.442383.19	hypothetical protein	1,204	6,293E-16
TcCLB.503645.40	mucin-associated surface protein (MASP), putative	1,204	0,05722
TcCLB.510267.20	60S acidic ribosomal protein P2, putative	1,203	3,766E-20
TcCLB.511255.30	mucin-associated surface protein (MASP), putative	1,203	0,001235
TcCLB.506281.117	mucin TcMUCII (pseudogene), putative	1,203	0,01347
TcCLB.508161.26	mucin TcMUCII (pseudogene), putative	1,203	0,04364
TcCLB.508503.90	hypothetical protein, conserved	1,202	1,1E-16
TcCLB.506941.220	Present in the outer mitochondrial membrane proteome 3'	1,202	2,858E-12
TcCLB.508241.50	surface protease GP63, putative	1,201	1,693E-22

TcCLB.511465.10	proteasome activator protein pa26, putative	1,201	2,755E-19
TcCLB.503741.40	mucin TcMUCII, putative	1,201	0,06557
TcCLB.506401.310	hypothetical protein, conserved	1,2	8,359E-14
TcCLB.507519.120	hypothetical protein, conserved	1,2	3,589E-13
TcCLB.509725.100	hypothetical protein, conserved (pseudogene)	1,2	3,234E-12
TcCLB.406377.10	hypothetical protein, conserved (pseudogene)	1,2	0,00002983
TcCLB.510553.30	mucin-associated surface protein (MASP), putative	1,199	0,0005997
TcCLB.509331.221	hypothetical protein, conserved	1,199	0,008663
TcCLB.508097.60	mucin-associated surface protein (MASP), putative	1,199	0,08759
TcCLB.508831.220	trans-sialidase (pseudogene), putative	1,199	0,1503
TcCLB.508587.10	retrotransposon hot spot protein (RHS, pseudogene), putat	1,197	1,411E-14
TcCLB.508257.10	serine-palmitoyl-CoA transferase, putative	1,197	3,603E-09
TcCLB.508273.120	mucin TcMUCI, putative	1,197	0,0008508
TcCLB.508221.87	retrotransposon hot spot protein (RHS, pseudogene), putat	1,196	0,0005159
TcCLB.504769.100	trans-sialidase, Group II, putative	1,195	3,008E-08
TcCLB.511183.90	mucin TcMUCII, putative	1,195	0,05169
TcCLB.506401.304	mitochondrial carrier protein, putative	1,194	5,725E-22
TcCLB.509195.40	mucin TcMUCII, putative	1,194	0,003848
TcCLB.507547.18	mucin TcMUCI, putative	1,194	0,07797
TcCLB.506893.10	mucin TcMUCII, putative	1,194	0,1427
TcCLB.421231.10	hypothetical protein, conserved	1,193	1,552E-17
TcCLB.510359.650	mucin-associated surface protein (MASP), putative	1,193	0,1061
TcCLB.510533.170	hypothetical protein, conserved	1,192	8,93E-10
TcCLB.510561.20	mucin TcMUCII, putative	1,192	0,01308
TcCLB.506773.80	hypothetical protein, conserved	1,191	1,059E-26
TcCLB.506347.5	trans-sialidase, putative (fragment)	1,191	0,004524
TcCLB.506283.20	trans-sialidase, putative	1,191	0,1189
TcCLB.509765.50	trans-sialidase, Group VIII, putative	1,189	0,1554
TcCLB.511929.30	retrotransposon hot spot (RHS) protein, putative	1,188	1,635E-13
TcCLB.508975.10	acyl-CoA dehydrogenase, mitochondrial precursor, putative	1,187	6,897E-33
TcCLB.511589.110	hypothetical protein, conserved	1,187	1,301E-28
TcCLB.509855.20	Probable methyltransferase BTM2 homolog	1,187	6,538E-21
TcCLB.507317.30	hypothetical protein, conserved	1,187	4,188E-11
TcCLB.506825.70	serine-threonine dehydratase, putative	1,187	1,373E-08
TcCLB.510003.41	clathrin coat assembly protein ap19, putative	1,186	9,71E-94
TcCLB.510145.10	hypothetical protein, conserved	1,186	7,425E-08
TcCLB.404431.10	trans-sialidase, putative	1,186	0,0001694
TcCLB.506145.80	surface protease GP63, putative	1,185	7,387E-17
TcCLB.504427.70	3-oxo-5-alpha-steroid 4-dehydrogenase, putative	1,185	1,241E-13
TcCLB.508119.140	retrotransposon hot spot (RHS) protein, putative	1,185	6,456E-08
TcCLB.503965.20	hypothetical protein, conserved	1,184	1,262E-22
TcCLB.509161.10	ubiquitin-conjugating enzyme E2, putative	1,184	1,253E-21
TcCLB.511807.230	hypothetical protein	1,183	2,855E-34
TcCLB.508267.40	hypothetical protein, conserved	1,183	1,172E-23
TcCLB.511875.70	mucin TcMUCII (pseudogene), putative	1,183	2,214E-07

TcCLB.509599.130	serine/threonine protein kinase, putative	1,182	2,765E-25
TcCLB.510847.10	trans-sialidase, Group VIII, putative	1,182	2,665E-15
TcCLB.508781.120	hypothetical protein, conserved	1,182	2,341E-12
TcCLB.508751.20	trans-sialidase (pseudogene), putative	1,182	0,007131
TcCLB.507221.40	hypothetical protein	1,181	3,296E-13
TcCLB.506369.60	hypothetical protein, conserved	1,181	2,114E-11
TcCLB.506995.60	surface protease GP63, putative	1,181	0,01077
TcCLB.506741.70	surface protease GP63 (pseudogene), putative	1,181	0,134
TcCLB.511827.30	hypothetical protein	1,18	3,785E-18
TcCLB.508045.4	hypothetical protein, conserved	1,18	1,806E-17
TcCLB.506239.40	hypothetical protein, conserved	1,18	5,14E-13
TcCLB.509769.80	hypothetical protein, conserved	1,179	1,283E-54
TcCLB.503861.10	retrotransposon hot spot (RHS) protein, putative	1,179	2,957E-40
TcCLB.508965.80	hypothetical protein, conserved	1,179	9,948E-15
TcCLB.508119.110	kynureninase, putative	1,179	4,084E-13
TcCLB.511219.40	trans-sialidase, Group II, putative	1,179	4,729E-07
TcCLB.509219.20	retrotransposon hot spot (RHS) protein, putative	1,178	2,194E-36
TcCLB.506505.30	hypothetical protein, conserved	1,177	3,621E-23
TcCLB.504239.340	mucin TcMUCII, putative	1,177	0,1065
TcCLB.508713.10	hypothetical protein, conserved	1,176	2,955E-34
TcCLB.511827.50	hypothetical protein	1,176	7,662E-10
TcCLB.506435.50	hypothetical protein, conserved	1,176	7,782E-09
TcCLB.506133.61	mucin-associated surface protein (MASP), putative	1,175	0,09389
TcCLB.503479.30	adenylate kinase 1	1,174	6,797E-20
TcCLB.508241.70	hypothetical protein, conserved	1,174	1,913E-15
TcCLB.511807.36	hypothetical protein	1,174	7,493E-15
TcCLB.509651.10	hypothetical protein, conserved	1,174	4,836E-14
TcCLB.510095.70	retrotransposon hot spot protein (RHS, pseudogene), putative	1,174	6,729E-13
TcCLB.503949.40	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, putative	1,174	2,504E-07
TcCLB.505975.30	beta galactofuranosyl glycosyltransferase (pseudogene), putative	1,174	6,883E-06
TcCLB.509623.19	clathrin coat assembly protein ap19, putative (ClaATc)	1,173	2,255E-92
TcCLB.508173.60	cis-prenyltransferase, putative	1,173	1,702E-18
TcCLB.504769.10	hypothetical protein	1,173	3,558E-08
TcCLB.508851.90	hypothetical protein, conserved	1,172	1,585E-12
TcCLB.509863.10	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, putative	1,172	1,143E-11
TcCLB.506843.137	retrotransposon hot spot protein (RHS, pseudogene), putative	1,172	0,01839
TcCLB.508247.70	mucin TcMUCII, putative	1,172	0,1477
TcCLB.505647.10	hypothetical protein, conserved	1,171	2,078E-41
TcCLB.506595.100	60S acidic ribosomal protein P2, putative	1,171	3,483E-27
TcCLB.510155.100	hypothetical protein	1,171	7,755E-27
TcCLB.509905.20	retrotransposon hot spot protein (RHS, pseudogene), putative	1,171	1,046E-06
TcCLB.510329.10	hypothetical protein, conserved	1,17	7,773E-34
TcCLB.511741.60	hypothetical protein, conserved	1,17	1,843E-18
TcCLB.510369.10	mucin-associated surface protein (MASP), putative	1,17	0,01867
TcCLB.511377.20	trans-sialidase (pseudogene), putative	1,17	0,04773

TcCLB.508461.570	Gim5A protein, putative	1,169	2,384E-48
TcCLB.511817.200	Present in the outer mitochondrial membrane proteome 3:	1,169	2,687E-17
TcCLB.504907.9	dispersed gene family protein 1 (DGF-1), putative (fragme	1,169	3,406E-07
TcCLB.507153.10	hypothetical protein, conserved	1,169	0,01114
TcCLB.510345.50	hypothetical protein, conserved	1,168	2,937E-20
TcCLB.511825.100	hypothetical protein, conserved	1,168	6,118E-16
TcCLB.510661.174	riboflavin kinase, putative	1,168	1,32E-09
TcCLB.511819.50	hypothetical protein, conserved	1,167	2,121E-35
TcCLB.504109.200	retrotransposon hot spot (RHS) protein, putative	1,167	1,975E-33
TcCLB.504065.50	trans-sialidase (pseudogene), putative	1,167	4,377E-22
TcCLB.507255.30	retrotransposon hot spot protein (RHS, pseudogene), putat	1,167	1,815E-11
TcCLB.506973.120	trans-sialidase, Group V, putative	1,167	0,0001333
TcCLB.508165.210	mucin-associated surface protein (MASP), putative	1,167	0,007444
TcCLB.510025.165	hypothetical protein, conserved (pseudogene)	1,167	0,09575
TcCLB.510101.40	60S ribosomal protein L28, putative	1,166	6,212E-49
TcCLB.507569.10	hypothetical protein, conserved	1,166	7,378E-24
TcCLB.505163.70	Selenoprotein T, putative (SelT)	1,166	2,494E-22
TcCLB.481211.10	mucin TcMUCII, putative	1,166	0,000366
TcCLB.511613.100	elongation factor 1-gamma (EF-1-gamma), putative	1,166	0,06912
TcCLB.506775.150	hypothetical protein, conserved	1,165	5,736E-17
TcCLB.507853.10	lathosterol oxidase, putative	1,165	3,59E-16
TcCLB.511361.50	hypothetical protein, conserved	1,165	7,97E-09
TcCLB.508267.60	hypothetical protein, conserved (fragment)	1,165	9,533E-09
TcCLB.510763.30	hypothetical protein, conserved	1,165	0,0000175
TcCLB.508159.13	trans-sialidase (pseudogene), putative	1,165	0,00006006
TcCLB.507063.60	hypothetical protein, conserved	1,165	0,001729
TcCLB.504081.330	mucin TcMUCII, putative	1,165	0,1195
TcCLB.508331.90	retrotransposon hot spot protein (RHS, pseudogene), putat	1,164	1,019E-12
TcCLB.503723.20	hypothetical protein, conserved	1,164	2,32E-11
TcCLB.507659.20	amino acid transporter, putative	1,162	4,778E-66
TcCLB.510309.20	MFS transporter, putative	1,162	4,066E-26
TcCLB.506921.10	surface protease GP63, putative	1,162	8,798E-20
TcCLB.508863.20	hypothetical protein, conserved	1,162	5E-10
TcCLB.509875.165	trans-sialidase (pseudogene), putative	1,162	0,00002164
TcCLB.510101.360	hypothetical protein, conserved	1,161	4,453E-33
TcCLB.503873.10	cytochrome-b5 reductase, putative	1,161	1,675E-29
TcCLB.508241.60	phosphoadenosine phosphosulfate reductase-like protein,	1,161	9,488E-24
TcCLB.506885.90	hypothetical protein, conserved	1,161	2,47E-21
TcCLB.511643.30	aspartate carbamoyltransferase, putative	1,161	1,553E-19
TcCLB.506175.25	hypothetical protein	1,161	2,57E-18
TcCLB.507245.20	trans-sialidase (pseudogene), putative	1,161	3,636E-09
TcCLB.503417.30	mucin TcMUCII, putative	1,161	0,07755
TcCLB.511815.50	hypothetical protein, conserved	1,16	2,07E-33
TcCLB.507477.10	dispersed gene family protein 1 (DGF-1), putative	1,16	3,295E-13
TcCLB.508033.69	mucin-associated surface protein (MASP, pseudogene), pu	1,16	0,001991

TcCLB.508501.80	mucin-associated surface protein (MASP), putative	1,159	0,0000393
TcCLB.506405.50	serine-palmitoyl-CoA transferase, putative	1,158	9,76E-38
TcCLB.511395.30	protein phosphatase 2A, regulatory subunit B, putative	1,158	2,503E-35
TcCLB.509973.70	mucin-associated surface protein (MASP), putative	1,158	0,00000341
TcCLB.506877.60	mucin-associated surface protein (MASP), putative	1,158	0,009094
TcCLB.510117.10	retrotransposon hot spot protein (RHS, pseudogene), putat	1,157	1,23E-12
TcCLB.507011.10	hypothetical protein, conserved	1,156	1,06E-19
TcCLB.509537.60	meiosis recombination protein SPO11, putative	1,156	1,633E-18
TcCLB.506179.10	ferric reductase transmembrane protein, putative (FR1)	1,155	7,61E-45
TcCLB.506775.14	hypothetical protein, conserved	1,155	5,375E-20
TcCLB.509541.4	paraflagellar rod component par4, putative	1,155	1,168E-07
TcCLB.509153.50	hypothetical protein, conserved	1,154	1,694E-13
TcCLB.504797.90	hypothetical protein, conserved	1,154	3,387E-10
TcCLB.508983.10	mucin-associated surface protein (MASP, pseudogene), pu	1,154	0,007514
TcCLB.508495.30	hypothetical protein	1,154	0,01598
TcCLB.509237.120	calpain-like cysteine peptidase, putative	1,153	1,103E-35
TcCLB.503771.74	mucin TcMUCII (pseudogene), putative	1,153	0,07706
TcCLB.510101.420	40S ribosomal protein S21, putative	1,152	1,279E-59
TcCLB.510901.230	hypothetical protein, conserved	1,152	1,368E-17
TcCLB.511815.80	3'a2rel-related protein, putative	1,152	1,6E-09
TcCLB.511223.20	trans-sialidase, putative	1,152	0,143
TcCLB.506925.110	hypothetical protein, conserved	1,151	7,651E-40
TcCLB.509859.50	hypothetical protein, conserved	1,151	3,605E-11
TcCLB.504343.10	trans-sialidase, Group II, putative	1,15	5,284E-08
TcCLB.511077.90	mucin TcMUCII, putative	1,15	0,01925
TcCLB.504421.10	serine/threonine protein kinase, putative	1,149	1,089E-51
TcCLB.509151.100	hypothetical protein, conserved	1,149	1,495E-15
TcCLB.506713.24	hypothetical protein, conserved	1,149	9,237E-06
TcCLB.508119.30	mucin TcMUCII, putative	1,149	0,00005137
TcCLB.508433.220	mucin-associated surface protein (MASP), putative	1,149	0,06486
TcCLB.509185.30	trans-sialidase, Group II, putative	1,149	0,4735
TcCLB.510039.90	60S ribosomal protein L35, putative	1,148	1,947E-54
TcCLB.508729.18	hypothetical protein, conserved	1,148	1,151E-13
TcCLB.510173.130	hypothetical protein, conserved	1,148	8,466E-12
TcCLB.504341.20	trans-sialidase, putative	1,148	0,4688
TcCLB.507429.20	mucin-associated surface protein (MASP), putative	1,147	0,0000398
TcCLB.508873.514	mucin TcMUC (pseudogene), putative	1,147	0,04765
TcCLB.511153.120	pantothenate kinase subunit, putative	1,146	2,658E-29
TcCLB.510307.230	trans-sialidase, Group II, putative	1,146	0,00002498
TcCLB.510039.36	hypothetical protein	1,146	0,0001562
TcCLB.476421.9	protein kinase, putative	1,145	5,398E-15
TcCLB.511321.60	hypothetical protein, conserved	1,145	0,0004598
TcCLB.508631.20	retrotransposon hot spot protein (RHS, pseudogene), putat	1,144	1,207E-30
TcCLB.509865.9	retrotransposon hot spot (RHS) protein, putative	1,144	2,557E-22
TcCLB.510039.50	hypothetical protein, conserved	1,144	1,227E-17

TcCLB.506925.20	hypothetical protein, conserved	1,144	3,656E-17
TcCLB.507769.20	hypothetical protein, conserved	1,143	2,494E-08
TcCLB.503899.119	trypanothione/tryparedoxin dependent peroxidase 2, putat	1,142	2,626E-29
TcCLB.508569.80	phosphoacetylglucosamine mutase, putative	1,142	2,743E-20
TcCLB.506339.10	trans-sialidase, Group V, putative	1,142	1,104E-06
TcCLB.509427.80	hypothetical protein	1,142	0,07225
TcCLB.509891.40	hypothetical protein, conserved	1,141	6,241E-12
TcCLB.510783.49	cytochrome c oxidase subunit 10, putative	1,141	0,00002761
TcCLB.507047.40	trans-sialidase, Group II, putative	1,14	1,374E-11
TcCLB.506825.180	protein kinase, putative	1,139	1,745E-41
TcCLB.507063.170	hypothetical protein	1,139	0,00001642
TcCLB.509081.100	mucin TcMUCII, putative	1,139	0,002474
TcCLB.455721.9	cytochrome c oxidase subunit 10, putative	1,138	4,202E-14
TcCLB.508901.10	hypothetical protein, conserved	1,138	6,227E-10
TcCLB.509437.103	dispersed gene family protein 1 (DGF-1, pseudogene), puta	1,138	0,02116
TcCLB.508221.714	retrotransposon hot spot protein (RHS, pseudogene), putat	1,138	0,04549
TcCLB.506751.50	trans-sialidase, Group II, putative	1,137	0,0009444
TcCLB.511595.39	mucin TcMUCII, putative	1,137	0,04913
TcCLB.510173.90	poly(ADP-ribose) polymerase, putative	1,136	2,076E-21
TcCLB.511183.450	trans-sialidase (pseudogene), putative	1,136	0,0000829
TcCLB.506321.20	mucin-associated surface protein (MASP), putative	1,136	0,0006423
TcCLB.510311.100	hypothetical protein, conserved	1,135	7,166E-10
TcCLB.511819.20	hypothetical protein, conserved	1,134	9,607E-25
TcCLB.509601.40	hypothetical protein, conserved	1,133	1,422E-23
TcCLB.506715.30	hypothetical protein	1,133	2,599E-14
TcCLB.511649.100	amino acid permease, putative	1,133	7,113E-11
TcCLB.511263.40	hypothetical protein, conserved	1,133	0,07461
TcCLB.510403.20	retrotransposon hot spot protein (RHS, pseudogene), putat	1,132	1,523E-18
TcCLB.511603.470	90 kDa surface protein, putative	1,132	0,0007626
TcCLB.510101.240	60S ribosomal protein L24, putative	1,131	1,872E-17
TcCLB.511587.60	retrotransposon hot spot protein (RHS, pseudogene), putat	1,131	7,005E-14
TcCLB.509461.40	hypothetical protein, conserved	1,131	3,637E-10
TcCLB.510037.5	elongation factor 1-gamma (EF-1-gamma), putative	1,131	3,309E-07
TcCLB.508495.100	trans-sialidase, Group V, putative	1,131	0,0007988
TcCLB.508761.20	mucin TcMUCII, putative	1,131	0,004034
TcCLB.506009.10	hypothetical protein, conserved	1,131	0,07059
TcCLB.506775.110	hypothetical protein, conserved	1,13	3,756E-24
TcCLB.506219.10	hypothetical protein, conserved	1,13	1,204E-18
TcCLB.505097.35	retrotransposon hot spot protein (RHS, pseudogene), putat	1,13	1,063E-10
TcCLB.509153.120	acyl-CoA dehydrogenase, putative	1,129	2,736E-26
TcCLB.509915.60	retrotransposon hot spot (RHS) protein, putative	1,129	1,144E-10
TcCLB.508159.50	mucin-associated surface protein (MASP, pseudogene), pu	1,129	0,002152
TcCLB.506173.310	mucin TcMUCII, putative	1,129	0,006075
TcCLB.510371.30	hypothetical protein, conserved (pseudogene)	1,129	0,1267
TcCLB.509003.70	beta tubulin (pseudogene), putative	1,128	2,449E-36

TcCLB.511815.180	hypothetical protein, conserved	1,128	1,64E-20
TcCLB.507851.60	hypothetical protein, conserved	1,128	4,801E-16
TcCLB.511923.110	aspartate carbamoyltransferase, putative	1,127	1,112E-14
TcCLB.506661.40	hypothetical protein, conserved	1,127	1,188E-08
TcCLB.503683.30	RNA-binding protein, putative	1,127	0,00003895
TcCLB.508047.60	trans-sialidase, Group V, putative	1,127	0,0001365
TcCLB.511149.70	mucin TcMUCII, putative	1,127	0,02046
TcCLB.508951.20	hexokinase, putative	1,126	4,509E-35
TcCLB.503595.10	hypothetical protein, conserved	1,126	8,677E-28
TcCLB.510349.60	hypothetical protein, conserved	1,126	8,977E-06
TcCLB.510693.190	mucin-associated surface protein (MASP), putative	1,126	0,01924
TcCLB.508119.100	hypothetical protein, conserved	1,125	8,04E-27
TcCLB.506003.39	trans-sialidase, putative (fragment)	1,125	0,3952
TcCLB.506123.24	dynein light chain, putative	1,124	6,891E-08
TcCLB.510005.30	retrotransposon hot spot protein (RHS, pseudogene), putat	1,124	1,422E-07
TcCLB.508143.90	trans-sialidase (pseudogene), putative	1,124	7,838E-07
TcCLB.510411.5	retrotransposon hot spot protein (RHS, pseudogene), putat	1,124	0,02521
TcCLB.509237.70	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, pu	1,123	0,00000736
TcCLB.506825.150	hypothetical protein, conserved	1,122	1,373E-36
TcCLB.508601.119	ribose 5-phosphate isomerase, putative	1,122	1,674E-14
TcCLB.505939.80	hypothetical protein, conserved	1,122	9,772E-12
TcCLB.507745.10	mucin-associated surface protein (MASP, pseudogene), pu	1,122	0,00393
TcCLB.506387.9	chaperone DNAJ protein, putative	1,121	0,0000267
TcCLB.506919.120	retrotransposon hot spot protein (RHS, pseudogene), putat	1,121	0,00004709
TcCLB.506309.34	mucin TcMUCII, putative	1,121	0,4171
TcCLB.506281.70	mucin TcMUCI, putative	1,12	0,02591
TcCLB.507849.50	cysteine proteinase, putative	1,119	3,843E-34
TcCLB.449247.20	hypothetical protein, conserved	1,119	6,647E-07
TcCLB.506741.10	trans-sialidase (pseudogene), putative	1,119	0,0001763
TcCLB.509207.100	hypothetical protein, conserved	1,118	1,42E-19
TcCLB.510603.60	protein tyrosine phosphatase-like protein, putative	1,118	3,431E-08
TcCLB.506599.50	mucin-associated surface protein (MASP), putative	1,118	0,007216
TcCLB.508621.51	peptidylprolyl isomerase-like protein (pseudogene), putativ	1,118	0,1176
TcCLB.508501.290	Kinesin-13 1, putative (KIN13-1)	1,117	1,469E-35
TcCLB.506775.170	NADH-cytochrome b5 reductase, putative	1,117	2,149E-18
TcCLB.509023.70	hypothetical protein, conserved	1,117	0,00002463
TcCLB.506923.30	hypothetical protein (pseudogene)	1,117	0,005818
TcCLB.510279.190	mucin-associated surface protein (MASP), putative	1,117	0,007471
TcCLB.507509.20	hypothetical protein, conserved	1,115	9,556E-20
TcCLB.506401.330	hypothetical protein, conserved	1,115	6,384E-13
TcCLB.508375.80	hypothetical protein, conserved	1,115	3,416E-10
TcCLB.507133.20	trans-sialidase, putative (fragment)	1,115	7,509E-06
TcCLB.508501.90	hypothetical protein	1,115	0,01535
TcCLB.511077.60	mucin-associated surface protein (MASP), putative	1,115	0,08742
TcCLB.508675.29	calpain-like cysteine peptidase, putative	1,114	9,319E-25

TcCLB.508729.9	hypothetical protein, conserved	1,114	2,327E-08
TcCLB.510387.40	mucin-associated surface protein (MASP), putative	1,114	0,06471
TcCLB.510101.390	hypothetical protein, conserved	1,113	2,176E-16
TcCLB.510531.100	hypothetical protein, conserved	1,112	2,895E-31
TcCLB.507683.40	protein kinase, putative	1,112	4,991E-20
TcCLB.440379.10	trans-sialidase, putative (fragment)	1,112	0,002836
TcCLB.510205.70	surface protease GP63, putative	1,112	0,02268
TcCLB.510583.10	mucin TcMUCII, putative	1,111	0,04835
TcCLB.504049.40	retrotransposon hot spot protein (RHS, pseudogene), putat	1,111	7,984E-15
TcCLB.503767.10	trans-sialidase, Group II, putative	1,111	0,007351
TcCLB.506959.70	serine palmitoyltransferase, putative	1,109	8,345E-30
TcCLB.511827.120	retrotransposon hot spot protein (RHS, pseudogene), putat	1,109	1,457E-21
TcCLB.506633.74	hypothetical protein, conserved (pseudogene)	1,109	6,604E-10
TcCLB.510773.120	hypothetical protein	1,109	0,08502
TcCLB.510101.170	40S ribosomal protein S5, putative	1,108	4,53E-38
TcCLB.506825.24	hypothetical protein, conserved	1,108	1,58E-17
TcCLB.506401.210	hypothetical protein, conserved	1,108	4,096E-14
TcCLB.509559.20	retrotransposon hot spot protein (RHS, pseudogene), putat	1,108	3,332E-13
TcCLB.506649.20	P-type H -ATPase, putative	1,107	4,649E-30
TcCLB.510039.64	hypothetical protein, conserved	1,107	7,819E-15
TcCLB.509429.260	hypothetical protein, conserved	1,107	2,858E-14
TcCLB.511217.10	hypothetical protein	1,107	6,818E-11
TcCLB.506957.100	hypothetical protein, conserved	1,107	4,284E-09
TcCLB.504011.80	hypothetical protein, conserved	1,107	8,412E-08
TcCLB.510521.10	NADH-cytochrome b5 reductase (pseudogene), putative	1,106	3,612E-18
TcCLB.507491.30	hypothetical protein, conserved	1,106	3,23E-16
TcCLB.503559.90	hypothetical protein, conserved	1,106	9,354E-15
TcCLB.506945.320	hypothetical protein, conserved	1,105	5,051E-28
TcCLB.506295.160	2-oxoisovalerate dehydrogenase beta subunit, mitochondri	1,105	2,148E-20
TcCLB.507783.10	ribosomal P protein AGP2beta-1, putative	1,105	0,00002319
TcCLB.507479.70	trans-sialidase, Group IV, putative	1,105	0,00003114
TcCLB.460197.10	cysteine peptidase (pseudogene), putative	1,105	0,002299
TcCLB.508523.30	trans-sialidase, Group II, putative	1,105	0,01574
TcCLB.508125.30	mucin TcMUCII, putative	1,105	0,1717
TcCLB.509617.20	paraflagellar rod protein 3, putative (PAR3)	1,104	6,497E-26
TcCLB.508039.10	retrotransposon hot spot protein (RHS, pseudogene), putat	1,104	2,585E-19
TcCLB.510421.110	hypothetical protein	1,104	3,839E-14
TcCLB.510237.110	mucin TcMUCII, putative	1,104	0,02411
TcCLB.508637.90	phosphoglucomutase	1,103	3,296E-19
TcCLB.507167.110	retrotransposon hot spot protein (RHS, pseudogene), putat	1,103	2,464E-14
TcCLB.503955.80	hypothetical protein	1,103	2,995E-12
TcCLB.510463.200	mucin-associated surface protein (MASP), putative	1,103	0,03101
TcCLB.509001.20	hypothetical protein, conserved	1,102	2,414E-20
TcCLB.506623.40	retrotransposon hot spot protein (RHS, pseudogene), putat	1,102	5,463E-14
TcCLB.503841.10	proteasome activator protein pa26, putative	1,102	7,159E-14



TcCLB.503605.20	retrotransposon hot spot (RHS) protein, putative	1,102	0,00002532
TcCLB.510557.70	mucin TcMUCII, putative	1,102	0,0008045
TcCLB.510121.90	hypothetical protein, conserved	1,101	3,741E-21
TcCLB.503991.39	2,4-dihydroxyhept-2-ene-1,7-dioic acid aldolase, putative	1,1	2,329E-12
TcCLB.509785.70	retrotransposon hot spot (RHS) protein, putative	1,1	4,118E-08
TcCLB.510543.70	trans-sialidase, Group II, putative	1,1	0,0009103
TcCLB.506715.59	Monooxygenase, putative	1,1	0,002511
TcCLB.508873.240	mucin TcMUCII, putative	1,1	0,01974
TcCLB.503421.50	retrotransposon hot spot protein (RHS, pseudogene), putat	1,099	2,58E-22
TcCLB.510723.29	1-acyl-sn-glycerol-3-phosphate acyltransferase, putative (f	1,099	2,149E-13
TcCLB.511553.10	mucin-associated surface protein (MASP), putative	1,099	0,00868
TcCLB.511173.110	mucin TcMUCII, putative	1,099	0,01939
TcCLB.507615.100	Present in the outer mitochondrial membrane proteome 2	1,098	2,572E-34
TcCLB.508547.170	hypothetical protein, conserved	1,098	6,723E-33
TcCLB.506825.130	hypothetical protein, conserved	1,098	2,345E-20
TcCLB.506563.50	calpain-like cysteine peptidase (pseudogene), putative	1,098	9,952E-11
TcCLB.503677.20	DNA repair and recombination helicase protein PIF4, putat	1,098	3,931E-09
TcCLB.509753.150	mucin TcMUCII, putative	1,098	0,1934
TcCLB.511889.11	trans-sialidase (pseudogene), putative	1,097	1,573E-16
TcCLB.508041.20	hypothetical protein, conserved	1,097	3,058E-14
TcCLB.506895.80	trans-sialidase, putative	1,097	0,00002227
TcCLB.511827.139	retrotransposon hot spot protein (RHS, pseudogene), putat	1,097	0,001952
TcCLB.511393.60	protein kinase, putative	1,096	6,406E-23
TcCLB.508741.440	surface antigen TASV, putative	1,096	2,53E-21
TcCLB.507221.20	poly(A)-specific ribonuclease PARN, putative	1,096	1,528E-16
TcCLB.509259.160	retrotransposon hot spot (RHS) protein, putative	1,096	1,636E-16
TcCLB.508569.100	hypothetical protein, conserved	1,096	1,169E-11
TcCLB.511755.80	formin, putative	1,096	9,044E-06
TcCLB.509149.50	hypothetical protein, conserved	1,095	5,751E-28
TcCLB.509601.10	neutral sphingomyelinase activation associated factor-like	1,095	7,918E-13
TcCLB.507603.190	hypothetical protein, conserved	1,094	1,237E-13
TcCLB.510925.9	dispersed gene family protein 1 (DGF-1), putative (fragme	1,094	0,03056
TcCLB.503525.4	hypothetical protein, conserved	1,093	4,673E-19
TcCLB.511065.10	STOP axonemal protein, putative	1,093	9,044E-19
TcCLB.511667.20	retrotransposon hot spot (RHS) protein, putative	1,093	3,22E-10
TcCLB.506053.50	trans-sialidase, Group IV, putative	1,093	0,00202
TcCLB.507411.20	retrotransposon hot spot (RHS) protein, putative	1,092	0,0004637
TcCLB.507533.21	clathrin assembly protein (pseudogene), putative	1,091	5,773E-38
TcCLB.508527.39	retrotransposon hot spot (RHS) protein, putative, (fragmer	1,091	5,921E-13
TcCLB.504045.80	hypothetical protein, conserved	1,091	6,394E-10
TcCLB.506183.40	retrotransposon hot spot protein (RHS, pseudogene), putat	1,091	3,436E-07
TcCLB.506737.128	mucin TcMUCl, putative	1,091	0,0003405
TcCLB.507067.20	surface protease GP63, putative	1,091	0,001952
TcCLB.506801.110	hypothetical protein, conserved	1,09	5,812E-10
TcCLB.504605.10	retrotransposon hot spot (RHS) protein, putative (fragmeni	1,09	9,441E-09

TcCLB.511223.10	hypothetical protein	1,09	0,02317
TcCLB.504187.10	retrotransposon hot spot protein (RHS, pseudogene), putat	1,09	0,03178
TcCLB.510699.80	mucin-associated surface protein (MASP), putative	1,09	0,09162
TcCLB.509139.10	glycerate kinase, putative	1,089	1,64E-42
TcCLB.506825.210	hypothetical protein, conserved	1,089	2,041E-31
TcCLB.511825.20	hypothetical protein, conserved	1,089	2,282E-11
TcCLB.509661.21	ferric reductase (pseudogene), putative	1,089	1,037E-07
TcCLB.504769.5	hypothetical protein	1,089	1,269E-07
TcCLB.507091.160	trans-sialidase (pseudogene), putative	1,089	4,382E-07
TcCLB.511001.240	proteasome activator protein pa26, putative	1,089	3,458E-06
TcCLB.506871.190	hypothetical protein	1,089	4,327E-06
TcCLB.510101.180	40S ribosomal protein S5, putative	1,089	0,0005418
TcCLB.509187.20	retrotransposon hot spot protein (RHS, pseudogene), putat	1,089	0,03729
TcCLB.511613.151	syntaxin binding protein (pseudogene), putative	1,089	0,08542
TcCLB.508221.910	mucin TcMUCII, putative	1,088	0,09511
TcCLB.511823.70	farnesyl pyrophosphate synthase	1,087	1,679E-18
TcCLB.510689.14	NADH-ubiquinone oxidoreductase complex I subunit, putati	1,087	3,309E-13
TcCLB.508201.30	mucin-associated surface protein (MASP), putative	1,087	7,582E-06
TcCLB.510377.200	mucin-associated surface protein (MASP), putative	1,087	0,02026
TcCLB.506925.530	glycosomal transporter (GAT3), putative	1,086	4,33E-41
TcCLB.504797.14	hypothetical protein, conserved	1,085	4,83E-10
TcCLB.463155.20	retrotransposon hot spot (RHS) protein, putative	1,084	3,592E-43
TcCLB.508857.30	trans-sialidase, Group I, putative	1,084	4,119E-12
TcCLB.508023.140	dispersed gene family protein 1 (DGF-1), putative	1,083	6,947E-09
TcCLB.508511.30	mucin TcMUCII, putative	1,083	0,05086
TcCLB.508221.550	mucin-associated surface protein (MASP), putative	1,083	0,1507
TcCLB.506773.160	hypothetical protein, conserved	1,082	8,358E-21
TcCLB.506325.30	hypothetical protein, conserved (pseudogene)	1,082	1,257E-10
TcCLB.456139.10	hypothetical protein, conserved	1,082	0,0001814
TcCLB.510687.60	hypothetical protein, conserved	1,081	9,051E-22
TcCLB.509561.30	citrate transporter, putative	1,081	3,999E-11
TcCLB.509667.20	tryptophanyl-tRNA synthetase (pseudogene), putative	1,081	7,028E-06
TcCLB.509871.70	retrotransposon hot spot protein (RHS, pseudogene), putat	1,08	8,337E-10
TcCLB.511007.20	retrotransposon hot spot (RHS) protein, putative	1,08	0,00000165
TcCLB.506183.70	beta galactofuranosyl glycosyltransferase, putative	1,078	9,341E-13
TcCLB.506433.10	retrotransposon hot spot protein (RHS, pseudogene), putat	1,078	2,333E-09
TcCLB.508465.100	hypothetical protein	1,078	8,064E-08
TcCLB.506763.260	mucin-associated surface protein (MASP), putative	1,078	0,0009327
TcCLB.507163.30	90 kDa surface protein, putative	1,076	0,06654
TcCLB.510859.30	hypothetical protein, conserved	1,075	6,491E-38
TcCLB.509979.30	hypothetical protein, conserved	1,075	6,457E-26
TcCLB.507891.47	flagellar calcium-binding protein, putative	1,075	2,223E-24
TcCLB.507021.40	hypothetical protein, conserved	1,075	1,096E-09
TcCLB.509979.10	hypothetical protein, conserved	1,074	1,545E-33
TcCLB.508663.10	mucin TcMUC (pseudogene), putative	1,074	2,947E-19

TcCLB.507801.210	retrotransposon hot spot protein (RHS, pseudogene), putat	1,074	0,00004087
TcCLB.508001.50	trans-sialidase (pseudogene), putative	1,074	0,03016
TcCLB.482097.20	hypothetical protein, conserved	1,074	0,03147
TcCLB.510483.310	mucin-associated surface protein (MASP), putative	1,074	0,04361
TcCLB.507637.100	mucin TcMUCII, putative	1,074	0,05984
TcCLB.506773.140	DNA ligase, putative	1,073	1,346E-17
TcCLB.509317.50	Asparagine-linked glycosylation protein 12 (ALG12)	1,073	9,006E-16
TcCLB.509065.50	hypothetical protein, conserved	1,073	1,501E-12
TcCLB.506669.4	MFS transporter, putative	1,073	0,0009286
TcCLB.507069.60	mucin TcMUCII, putative	1,073	0,05326
TcCLB.511395.40	hypothetical protein	1,072	1,711E-29
TcCLB.508065.50	phosphatidylinositol-4-phosphate 5-kinase-like protein, put	1,072	8,679E-23
TcCLB.506513.7	hypothetical protein, conserved	1,072	1,189E-13
TcCLB.508541.20	mucin-associated surface protein (MASP), putative	1,072	0,02145
TcCLB.503843.20	hypothetical protein, conserved	1,071	1,236E-22
TcCLB.509019.21	retrotransposon hot spot protein (RHS, pseudogene), putat	1,071	1,528E-10
TcCLB.510801.10	calpain-like cysteine peptidase, putative (fragment)	1,071	8,777E-08
TcCLB.503613.70	hypothetical protein, conserved	1,071	2,787E-06
TcCLB.511373.10	mucin-associated surface protein (MASP, pseudogene), pu	1,071	0,2217
TcCLB.511175.10	mucin-associated surface protein (MASP), putative	1,071	0,3842
TcCLB.508851.160	hypothetical protein, conserved	1,07	8,374E-24
TcCLB.504153.180	UDP-N-acetylglucosamine pyrophosphorylase, putative	1,07	6,244E-18
TcCLB.433559.10	trans-sialidase, putative (fragment)	1,07	0,1952
TcCLB.510347.50	hypothetical protein, conserved	1,069	5,375E-20
TcCLB.511825.4	hypothetical protein, conserved (fragment)	1,069	3,695E-14
TcCLB.506571.10	dispersed gene family protein 1 (DGF-1), putative	1,069	1,702E-07
TcCLB.510101.260	hypothetical protein, conserved	1,068	1,623E-19
TcCLB.510861.40	hypothetical protein, conserved	1,068	6,751E-17
TcCLB.506359.70	hypothetical protein, conserved	1,068	7,365E-08
TcCLB.506563.40	beta tubulin, putative	1,067	9,768E-17
TcCLB.506933.43	hypothetical protein, conserved	1,067	5,23E-14
TcCLB.508313.40	mucin TcMUCII, putative	1,066	0,0228
TcCLB.509149.40	60S ribosomal protein L19, putative	1,065	9,458E-72
TcCLB.504797.110	hypothetical protein, conserved	1,065	4,051E-22
TcCLB.507673.70	hypothetical protein, conserved	1,065	1,597E-13
TcCLB.506283.10	retrotransposon hot spot protein (RHS, pseudogene), putat	1,065	8,66E-11
TcCLB.506951.103	hypothetical protein	1,065	0,1243
TcCLB.509419.94	mucin TcMUCII (pseudogene), putative	1,065	0,1866
TcCLB.510585.10	mucin-associated surface protein (MASP, pseudogene), pu	1,065	0,2032
TcCLB.506599.91	surface protease GP63 (pseudogene), putative	1,065	0,2118
TcCLB.508359.50	mucin TcMUCII, putative	1,064	0,1228
TcCLB.504127.30	trans-sialidase (pseudogene), putative	1,063	3,115E-20
TcCLB.506983.39	calpain-like cysteine peptidase, putative	1,063	2,731E-17
TcCLB.510139.50	retrotransposon hot spot protein (RHS, pseudogene), putat	1,063	1,288E-07
TcCLB.510889.231	ATP synthase subunit, putative	1,063	0,00001006

TcCLB.509207.70	hypothetical protein, conserved	1,062	1,561E-17
TcCLB.510411.30	retrotransposon hot spot protein (RHS, pseudogene), putat	1,062	0,0001119
TcCLB.508885.20	mucin TcMUCI, putative	1,062	0,1268
TcCLB.508883.10	mucin-associated surface protein (MASP, pseudogene), pu	1,062	0,2833
TcCLB.511825.200	60S ribosomal protein L14, putative	1,061	2,409E-39
TcCLB.507659.30	amino acid transporter, putative (fragment)	1,061	2,319E-36
TcCLB.507611.10	retrotransposon hot spot (RHS) protein, putative	1,061	4,243E-35
TcCLB.506777.50	cell cycle sequence binding phosphoprotein (RBP45), putat	1,061	1,666E-18
TcCLB.508045.100	mitochondrial DNA primase, putative (PRI1)	1,06	9,273E-23
TcCLB.504231.30	hypothetical protein, conserved	1,06	8,012E-21
TcCLB.503477.20	transaldolase, putative	1,06	9,114E-18
TcCLB.507515.10	glutathione peroxidase-like protein, putative	1,06	3,999E-15
TcCLB.506183.15	trans-sialidase (pseudogene), putative	1,06	0,01338
TcCLB.509773.20	protein kinase, putative	1,06	0,01736
TcCLB.504087.20	hypothetical protein	1,058	6,686E-36
TcCLB.506051.10	retrotransposon hot spot protein (RHS, pseudogene), putat	1,058	1,529E-07
TcCLB.507875.170	ribosomal P protein AGP2beta-1, putative	1,058	8,308E-06
TcCLB.506801.60	mucin-like glycoprotein, putative	1,058	0,001677
TcCLB.508495.20	trans-sialidase (pseudogene), putative	1,057	3,981E-11
TcCLB.507163.50	mucin TcMUCII, putative	1,057	0,04773
TcCLB.508041.50	hypothetical protein, conserved	1,056	1,011E-23
TcCLB.507601.70	dihydrolipoamide branched chain transacylase, putative	1,056	4,274E-17
TcCLB.507165.30	hypothetical protein, conserved	1,056	1,197E-13
TcCLB.510861.125	hypothetical protein, conserved	1,055	2,057E-13
TcCLB.508029.10	Hydroxymethylglutaryl-CoA lyase, mitochondrial, putative	1,055	5,679E-13
TcCLB.433237.10	hypothetical protein	1,055	0,231
TcCLB.509901.100	hypothetical protein, conserved	1,054	6,2E-31
TcCLB.509331.20	hypothetical protein, conserved	1,054	3,242E-14
TcCLB.511827.70	hypothetical protein, conserved	1,054	3,837E-12
TcCLB.507633.120	mucin TcMUCII, putative	1,054	0,04575
TcCLB.509155.10	hypothetical protein, conserved	1,053	2,994E-34
TcCLB.506975.80	trans-sialidase, Group I, putative	1,053	1,702E-07
TcCLB.510349.80	protein kinase, putative	1,052	6,208E-27
TcCLB.508037.10	retrotransposon hot spot (RHS) protein, putative	1,052	5,522E-17
TcCLB.509081.130	surface protease GP63 (pseudogene), putative	1,052	0,2274
TcCLB.504177.20	fatty acyl CoA synthetase 2, putative	1,051	3,419E-22
TcCLB.511291.40	protein kinase, putative	1,051	8,479E-20
TcCLB.509271.10	trans-sialidase, putative	1,051	3,001E-14
TcCLB.508239.49	dynein regulatory complex subunit, putative	1,051	1,22E-09
TcCLB.507871.9	dispersed gene family protein 1 (DGF-1), putative	1,051	0,04034
TcCLB.504033.40	hypothetical protein	1,05	1,947E-20
TcCLB.511081.30	mucin TcMUCII, putative	1,05	0,0414
TcCLB.504769.150	hypothetical protein	1,05	0,1104
TcCLB.504191.10	sterol 24-c-methyltransferase, putative	1,049	3,218E-38
TcCLB.511825.230	hypothetical protein	1,049	8,077E-13

TcCLB.511211.90	surface protease GP63, putative	1,049	1,958E-06
TcCLB.506245.220	mucin TcMUCII, putative	1,049	0,1621
TcCLB.430605.40	ERV/ALR sulfhydryl oxidase domain-containing protein (PC	1,048	2,748E-14
TcCLB.503445.20	trans-sialidase (pseudogene), putative	1,048	3,473E-10
TcCLB.418185.21	retrotransposon hot spot protein (RHS, pseudogene), putat	1,048	0,0003742
TcCLB.508289.9	mucin-associated surface protein (MASP), putative	1,048	0,2625
TcCLB.511019.40	retrotransposon hot spot protein (RHS, pseudogene), putat	1,047	2,253E-47
TcCLB.507001.110	galactokinase-like protein, putative	1,047	1,253E-16
TcCLB.510759.10	hypothetical protein, conserved	1,047	1,381E-13
TcCLB.503465.40	hypothetical protein	1,047	5,188E-08
TcCLB.511287.70	hypothetical protein, conserved	1,047	1,179E-06
TcCLB.424499.10	mucin-associated surface protein (MASP), putative	1,047	0,06249
TcCLB.509733.199	Exradiol ring-cleavage dioxygenase, putative	1,046	3,165E-14
TcCLB.511711.110	TLR4 regulator and MIR-interacting MSAP, putative (ESP16	1,046	2,455E-12
TcCLB.510287.50	hypothetical protein, conserved	1,046	6,049E-09
TcCLB.510155.10	hypothetical protein, conserved	1,045	1,223E-47
TcCLB.506537.299	retrotransposon hot spot (RHS) protein, putative	1,045	9,621E-24
TcCLB.404843.20	hypothetical protein, conserved	1,045	1,04E-19
TcCLB.506615.10	trans-sialidase (pseudogene), putative	1,045	1,564E-10
TcCLB.504157.10	heterogeneous nuclear ribonucleoprotein H/F, putative	1,044	1,253E-15
TcCLB.508627.40	trans-sialidase, Group VIII, putative	1,044	4,733E-11
TcCLB.507275.24	ubiquitin fold modifier protein, putative (UFM1)	1,044	1,321E-07
TcCLB.504579.10	retrotransposon hot spot protein (RHS, pseudogene), putat	1,044	1,386E-07
TcCLB.506825.140	hypothetical protein, conserved	1,043	6,874E-13
TcCLB.503761.30	mucin TcMUCII, putative	1,043	0,0694
TcCLB.509461.70	hypothetical protein, conserved	1,042	7,619E-19
TcCLB.506773.110	hypothetical protein, conserved	1,04	1,265E-16
TcCLB.509363.20	retrotransposon hot spot protein (RHS, pseudogene), putat	1,04	0,06265
TcCLB.510859.40	hypothetical protein, conserved	1,039	3,147E-13
TcCLB.510377.300	trans-sialidase (pseudogene), putative	1,039	0,01961
TcCLB.507603.260	cysteine peptidase, putative	1,039	0,06318
TcCLB.511149.130	mucin TcMUCl, putative	1,039	0,307
TcCLB.506577.90	retrotransposon hot spot protein (RHS, pseudogene), putat	1,038	4,225E-15
TcCLB.507691.40	trans-sialidase (pseudogene), putative	1,038	1,146E-07
TcCLB.511127.74	hypothetical protein, conserved	1,038	3,203E-07
TcCLB.510845.10	retrotransposon hot spot (RHS) protein, putative (fragmen	1,038	0,00003138
TcCLB.511081.10	mucin-associated surface protein (MASP), putative	1,038	0,006627
TcCLB.509153.70	exosome-associated protein 3, putative (EAP3)	1,037	5,523E-14
TcCLB.511431.60	hypothetical protein, conserved	1,037	2,569E-07
TcCLB.508633.130	90 kDa surface protein, putative	1,037	0,006326
TcCLB.506767.170	trans-sialidase (pseudogene), putative	1,037	0,008499
TcCLB.505699.10	trans-sialidase, putative	1,036	2,116E-06
TcCLB.508521.50	surface protease GP63 (pseudogene), putative	1,036	0,0003582
TcCLB.509617.10	paraflagellar rod protein 3, putative (pseudogene) (PAR3)	1,035	1,089E-18
TcCLB.507821.70	dispersed gene family protein 1 (DGF-1, pseudogene), putat	1,035	6,663E-07

TcCLB.510669.20	Gim5A protein, putative	1,034	4,078E-25
TcCLB.510225.59	transporter, putative	1,034	0,00004122
TcCLB.510951.10	hypothetical protein, conserved	1,034	0,001416
TcCLB.506501.27	syntaxin binding protein (pseudogene), putative	1,034	0,1923
TcCLB.508569.120	hypothetical protein, conserved	1,033	7,345E-19
TcCLB.510511.9	Na/H antiporter-like protein, putative	1,033	2,332E-07
TcCLB.505937.80	retrotransposon hot spot protein (RHS, pseudogene), putative	1,033	0,00001886
TcCLB.505925.10	trans-sialidase, putative (fragment)	1,033	0,00003709
TcCLB.508873.70	mucin-associated surface protein (MASP, pseudogene), putative	1,033	0,0396
TcCLB.507937.14	mucin TcMUCII (pseudogene), putative	1,033	0,07871
TcCLB.507665.30	ferric reductase transmembrane protein, putative (FR1)	1,032	1,466E-25
TcCLB.503453.100	serine palmitoyltransferase, putative	1,032	2,047E-20
TcCLB.507559.70	hypothetical protein, conserved	1,032	5,708E-11
TcCLB.508119.180	hypothetical protein, conserved	1,032	5,726E-07
TcCLB.503715.30	ras-related protein RAB1A, putative (Rab1A)	1,031	2,15E-35
TcCLB.506163.50	hypothetical protein, conserved	1,031	4,506E-18
TcCLB.507473.20	hypothetical protein	1,031	3,482E-10
TcCLB.506595.40	trans-sialidase, Group II, putative	1,031	3,524E-08
TcCLB.509233.20	retrotransposon hot spot protein (RHS, pseudogene), putative	1,031	1,102E-06
TcCLB.509779.10	DNA repair protein, putative	1,03	1,036E-19
TcCLB.510373.30	90 kDa surface protein, putative	1,03	0,08441
TcCLB.507643.60	trans-sialidase (pseudogene), putative	1,029	4,912E-06
TcCLB.507213.40	trans-sialidase, Group II, putative	1,029	0,0005977
TcCLB.510101.270	hypothetical protein, conserved	1,027	9,669E-15
TcCLB.509395.100	cytochrome b-domain protein, putative	1,027	6,554E-10
TcCLB.503929.5	hypothetical protein, conserved	1,027	4,398E-07
TcCLB.511173.400	mucin-associated surface protein (MASP), putative	1,027	0,1417
TcCLB.503401.40	glycosyl transferase, putative	1,026	4,469E-29
TcCLB.510861.94	hypothetical protein, conserved	1,026	1,426E-25
TcCLB.511821.130	hypothetical protein	1,026	1,808E-21
TcCLB.511305.10	5'-3' exoribonuclease B, putative	1,026	6,491E-14
TcCLB.505193.70	hypothetical protein, conserved	1,026	2,013E-13
TcCLB.506401.190	hypothetical protein, conserved	1,026	1,164E-12
TcCLB.504787.99	mucin TcMUCII, putative	1,026	0,04021
TcCLB.509769.60	succinate dehydrogenase iron-sulfur subunit (SDH2N)	1,025	1,771E-27
TcCLB.511807.253	hypothetical protein, conserved	1,025	6,37E-18
TcCLB.505171.90	hypothetical protein	1,025	1,659E-11
TcCLB.507221.70	hypothetical protein, conserved	1,025	1,055E-09
TcCLB.503929.79	serine-palmitoyl-CoA transferase, putative	1,025	9,226E-08
TcCLB.508501.240	hypothetical protein, conserved	1,025	1,939E-06
TcCLB.511603.420	syntaxin binding protein (pseudogene), putative	1,025	0,09752
TcCLB.509481.10	trans-sialidase, putative	1,025	0,1238
TcCLB.506905.30	hypothetical protein, conserved	1,024	2,213E-12
TcCLB.510879.180	hypothetical protein	1,024	1,013E-11
TcCLB.506595.60	beta galactofuranosyl glycosyltransferase (pseudogene), putative	1,024	2,859E-09

TcCLB.504033.130	spermidine synthase, putative	1,024	0,0003186
TcCLB.511787.10	mucin-associated surface protein (MASP), putative	1,024	0,2041
TcCLB.509875.50	beta galactofuranosyl glycosyltransferase, putative	1,023	0,0006008
TcCLB.510465.60	hypothetical protein, conserved (pseudogene)	1,023	0,006915
TcCLB.511517.30	hypothetical protein, conserved	1,021	1,045E-14
TcCLB.509491.20	hypothetical protein, conserved (pseudogene)	1,021	4,629E-14
TcCLB.507747.230	acid phosphatase type 5, putative	1,021	1,798E-10
TcCLB.511261.20	chaperone DNAJ protein, putative	1,02	4,908E-16
TcCLB.507867.60	protein phosphatase 1, regulatory subunit, putative	1,02	8,356E-16
TcCLB.506467.40	serine/threonine protein kinase, putative	1,019	3,879E-19
TcCLB.511585.110	hypothetical protein	1,019	2,624E-18
TcCLB.509151.60	hypothetical protein, conserved	1,019	3,335E-17
TcCLB.476125.9	dispersed gene family protein 1 (DGF-1), putative	1,019	0,0002091
TcCLB.509009.10	dynein heavy chain, cytosolic, putative	1,018	7,73E-11
TcCLB.511117.10	retrotransposon hot spot protein (RHS, pseudogene), putative	1,018	6,137E-10
TcCLB.507559.110	surface protease GP63, putative	1,018	3,966E-07
TcCLB.509757.49	L-ribulokinase, putative	1,018	0,006249
TcCLB.507559.60	hypothetical protein, conserved	1,017	3,785E-18
TcCLB.506595.30	retrotransposon hot spot protein (RHS, pseudogene), putative	1,017	5,294E-12
TcCLB.511545.130	hypothetical protein, conserved	1,017	2,603E-11
TcCLB.511825.250	hypothetical protein, conserved	1,017	9,586E-09
TcCLB.504827.159	hypothetical protein, conserved	1,017	2,444E-07
TcCLB.509725.30	hypothetical protein, conserved (pseudogene)	1,017	4,617E-06
TcCLB.508125.50	mucin-associated surface protein (MASP, pseudogene), putative	1,017	0,04565
TcCLB.507637.130	mucin TcMUCII, putative	1,017	0,08822
TcCLB.510627.70	hypothetical protein, conserved (pseudogene)	1,017	0,08948
TcCLB.506771.9	hypothetical protein, conserved	1,016	3,227E-14
TcCLB.503739.10	beta galactofuranosyl glycosyltransferase (pseudogene), putative	1,016	0,01884
TcCLB.506537.180	retrotransposon hot spot protein (RHS, pseudogene), putative	1,015	7,537E-22
TcCLB.507615.76	hypothetical protein, conserved	1,015	4,629E-12
TcCLB.511753.40	hypothetical protein, conserved	1,015	0,00003437
TcCLB.511693.50	hypothetical protein, conserved	1,014	2,53E-18
TcCLB.504229.110	amino acid permease 24, putative (AAP24)	1,014	6,333E-09
TcCLB.509295.30	trans-sialidase (pseudogene), putative	1,014	0,000268
TcCLB.509753.240	mucin TcMUCII, putative	1,014	0,3519
TcCLB.506579.10	ABC transporter, putative	1,013	1,269E-34
TcCLB.510101.59	palmitoyl acyltransferase 7, putative	1,013	1,415E-17
TcCLB.506617.90	ATP-dependent Clp protease subunit, heat shock protein 100	1,013	3,74E-10
TcCLB.508297.61	choline ethanolamine kinase, putative	1,013	0,0007211
TcCLB.507429.40	mucin-associated surface protein (MASP, pseudogene), putative	1,013	0,002406
TcCLB.511123.11	trans-sialidase, putative (fragment)	1,013	0,004336
TcCLB.507059.10	mucin-like glycoprotein, putative	1,013	0,01299
TcCLB.504155.70	mucin TcMUCII, putative	1,013	0,1662
TcCLB.506779.20	hypothetical protein, conserved	1,012	3,741E-22
TcCLB.506775.22	hypothetical protein, conserved	1,012	1,383E-11

TcCLB.447483.10	hypothetical protein, conserved	1,012	3,243E-11
TcCLB.507721.20	clathrin assembly protein (pseudogene), putative	1,011	4,434E-27
TcCLB.506959.40	enoyl-CoA hydratase/isomerase family protein, putative	1,011	1,841E-16
TcCLB.506177.30	hypothetical protein, conserved	1,011	5,293E-12
TcCLB.408437.20	hypothetical protein, conserved	1,011	4,943E-08
TcCLB.511319.30	hypothetical protein	1,011	1,253E-07
TcCLB.503865.70	hypothetical protein, conserved	1,01	1,184E-20
TcCLB.508973.30	NUDIX family hydrolase, putative	1,01	1,082E-10
TcCLB.509037.20	surface protease GP63, putative	1,01	0,001954
TcCLB.506855.220	surface protease GP63, putative	1,01	0,005035
TcCLB.510655.100	hypothetical protein	1,008	1,991E-12
TcCLB.506537.10	retrotransposon hot spot protein (RHS, pseudogene), putat	1,007	1,031E-12
TcCLB.506113.10	retrotransposon hot spot protein (RHS, pseudogene), putat	1,007	8,99E-12
TcCLB.506285.120	mucin TcMUCII, putative	1,007	0,03566
TcCLB.511825.220	alanyl-tRNA synthetase, putative	1,006	4,471E-41
TcCLB.510155.140	Meckel syndrome type 6 protein, putative (mks6)	1,006	1,063E-32
TcCLB.506945.110	casein kinase 1 isoform 2, putative	1,006	7,547E-20
TcCLB.506793.10	hypothetical protein, conserved (pseudogene)	1,005	1,274E-10
TcCLB.507517.104	hypothetical protein, conserved	1,005	6,253E-07
TcCLB.511569.30	trans-sialidase (pseudogene), putative	1,005	0,0009643
TcCLB.508221.210	mucin-associated surface protein (MASP), putative	1,005	0,1361
TcCLB.510303.220	hypothetical protein, conserved	1,004	6,946E-23
TcCLB.508153.520	hypothetical protein, conserved (pseudogene)	1,004	3,493E-20
TcCLB.403985.10	retrotransposon hot spot (RHS) protein, putative, (fragmer	1,004	2,916E-11
TcCLB.511117.50	surface protease GP63, putative	1,004	0,003046
TcCLB.503741.10	mucin TcMUCII, putative	1,004	0,02917
TcCLB.506053.10	amino acid transporter, putative	1,003	8,202E-42
TcCLB.510565.20	fatty acid desaturase, putative	1,003	1,183E-19
TcCLB.509935.29	proline racemase (fragment)	1,003	3,141E-10
TcCLB.506163.30	hypothetical protein, conserved	1,003	1,28E-08
TcCLB.507083.40	hypothetical protein, conserved	1,003	0,00001984
TcCLB.510131.30	hypothetical protein, conserved	1,002	2,939E-19
TcCLB.508317.50	ammonium transporter, putative	1,002	1,134E-18
TcCLB.506289.40	hypothetical protein, conserved	1,002	8,321E-11
TcCLB.504151.80	Na/H antiporter-like protein, putative	1,002	9,322E-10
TcCLB.508413.5	hypothetical protein, conserved	1,002	0,0002889
TcCLB.510479.30	hypothetical protein	1,002	0,00121
TcCLB.509493.60	hypothetical protein	1,002	0,002063
TcCLB.509513.10	trans-sialidase, Group II, putative	1,002	0,002861
TcCLB.506597.9	trans-sialidase, putative (fragment)	1,002	0,5585
TcCLB.511245.24	hypothetical protein, conserved	1,001	2,416E-22
TcCLB.506201.70	serine/threonine-protein phosphatase PP1 alpha	1,001	0,0001411
TcCLB.509699.220	trans-sialidase (pseudogene), putative	1,001	0,001155
TcCLB.445281.9	calpain-like cysteine peptidase, putative	1,001	0,004896
TcCLB.410275.9	mucin-associated surface protein (MASP), putative	1,001	0,4769



TcCLB.509695.210	serine carboxypeptidase (CBP1), putative	0,9998	4,379E-20
TcCLB.508989.100	hypothetical protein, conserved	0,9998	1,371E-12
TcCLB.511173.483	mucin TcMUCII (pseudogene), putative	0,9998	0,04067
TcCLB.509033.30	cyclophilin, putative	0,9994	4,498E-08
TcCLB.507873.60	1,2-Dihydroxy-3-keto-5-methylthiopentene dioxygenase, pu	0,9988	0,00000016
TcCLB.509601.160	hypothetical protein, conserved	0,9987	0,00001351
TcCLB.509149.30	hypothetical protein, conserved	0,9986	1,623E-26
TcCLB.507851.50	hypothetical protein, conserved	0,9985	6,02E-20
TcCLB.510889.221	glucose-6-phosphate isomerase, glycosomal, putative	0,9983	4,5E-20
TcCLB.510433.10	hypothetical protein	0,9978	2,138E-17
TcCLB.508859.118	trans-sialidase, putative	0,9977	3,797E-06
TcCLB.511573.20	hypothetical protein	0,9973	9,534E-29
TcCLB.511321.23	cytidine deaminase-like protein	0,9968	1,729E-09
TcCLB.511171.40	trans-sialidase (pseudogene), putative	0,9964	0,000113
TcCLB.506615.111	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	0,9961	0,00008605
TcCLB.509259.126	hypothetical protein	0,9956	0,0003585
TcCLB.511823.30	hypothetical protein, conserved	0,9954	6,964E-16
TcCLB.510347.20	hypothetical protein, conserved	0,9953	3,918E-17
TcCLB.510625.54	mucin-associated surface protein (MASP), putative	0,9953	0,1206
TcCLB.510307.60	retrotransposon hot spot protein (RHS, pseudogene), putat	0,9952	1,104E-23
TcCLB.506285.30	trans-sialidase (pseudogene), putative	0,9952	0,0008558
TcCLB.508811.30	hypothetical protein, conserved	0,9948	9,027E-21
TcCLB.505647.20	hypothetical protein, conserved	0,9945	3,008E-27
TcCLB.507427.30	retrotransposon hot spot protein (RHS, pseudogene), putat	0,9945	5,67E-07
TcCLB.503599.60	hypothetical protein, conserved	0,9937	1,62E-09
TcCLB.506345.40	trans-sialidase, Group II, putative	0,9936	5,082E-09
TcCLB.510465.125	trans-sialidase (pseudogene), putative	0,9934	0,3826
TcCLB.509217.70	hypothetical protein, conserved (pseudogene)	0,9931	0,00001003
TcCLB.504787.20	mucin TcMUCII, putative	0,9931	0,01541
TcCLB.506279.74	mucin-associated surface protein (MASP, pseudogene), pu	0,9925	0,05326
TcCLB.508567.20	hypothetical protein, conserved	0,9922	6,293E-09
TcCLB.509755.89	hypothetical protein	0,9921	0,02427
TcCLB.510055.50	hypothetical protein, conserved	0,9918	2,7E-22
TcCLB.511279.40	hypothetical protein, conserved	0,9918	5,036E-06
TcCLB.510301.70	hypothetical protein, conserved	0,9917	3,471E-15
TcCLB.427247.4	hypothetical protein, conserved (fragment)	0,9916	3,059E-09
TcCLB.504155.20	trans-sialidase, Group V, putative	0,9912	0,003908
TcCLB.471799.10	trans-sialidase, putative (fragment)	0,9912	0,01976
TcCLB.511173.420	mucin TcMUCII, putative	0,991	0,08185
TcCLB.508221.170	mucin-associated surface protein (MASP), putative	0,991	0,2936
TcCLB.507017.40	2-hydroxy-3-oxopropionate reductase, putative	0,9909	1,436E-21
TcCLB.506871.70	hypothetical protein, conserved	0,9902	1,789E-14
TcCLB.509179.150	otubain cysteine peptidase, Clan CA, family C65, putative	0,99	7,219E-15
TcCLB.510575.5	proton motive ATPase, putative	0,9896	5,012E-15
TcCLB.509631.30	mucin TcMUCII (pseudogene), putative	0,9896	0,05797

TcCLB.509007.99	P-glycoprotein (pseudogene) (tcpgp1)	0,9894	9,079E-21
TcCLB.509975.41	mucin TcMUC, putative	0,9894	0,009195
TcCLB.508119.190	hypothetical protein, conserved	0,989	1,47E-23
TcCLB.507883.40	hypothetical protein, conserved	0,989	2,831E-08
TcCLB.508873.150	mucin TcMUCII, putative	0,9885	0,1337
TcCLB.511255.169	mucin-associated surface protein (MASP), putative	0,9884	0,1144
TcCLB.508905.30	hypothetical protein, conserved (pseudogene)	0,9883	3,912E-10
TcCLB.511511.150	sphingosine 1-phosphate lyase, putative (SPL)	0,9879	5,852E-14
TcCLB.507031.140	hypothetical protein, conserved (pseudogene)	0,9879	6,921E-11
TcCLB.506801.80	cysteine peptidase inhibitor (CHA)	0,9878	1,515E-14
TcCLB.509599.150	serine/threonine protein kinase, putative	0,9874	1,515E-08
TcCLB.510643.100	trans-sialidase (pseudogene), putative	0,9873	0,3995
TcCLB.507167.20	retrotransposon hot spot (RHS) protein, putative	0,9865	1,586E-37
TcCLB.506409.170	trans-sialidase, Group VI, putative	0,9863	4,489E-08
TcCLB.506829.110	fatty acyl CoA synthetase 2, putative	0,9862	2,706E-18
TcCLB.510285.80	hypothetical protein, conserved	0,986	3,191E-10
TcCLB.503559.109	electron-transfer-flavoprotein, alpha polypeptide, putative	0,9859	5,228E-19
TcCLB.507955.20	mucin-associated surface protein (MASP), putative	0,9858	0,2
TcCLB.506781.10	mucin TcMUCII, putative	0,9851	0,1124
TcCLB.510679.70	lipase, putative	0,9845	0,006506
TcCLB.506559.190	dual specificity protein phosphatase, putative	0,9842	3,12E-17
TcCLB.511443.10	calpain-like cysteine peptidase (pseudogene), putative	0,9839	7,707E-06
TcCLB.510663.70	6-phosphogluconate dehydrogenase, decarboxylating, puta	0,9837	2,573E-13
TcCLB.504333.20	trans-sialidase (pseudogene), putative	0,9835	9,258E-13
TcCLB.511613.90	mucin-associated surface protein (MASP), putative	0,9834	0,007711
TcCLB.509631.90	mucin TcMUCII, putative	0,9834	0,04159
TcCLB.506083.20	trans-sialidase (pseudogene), putative	0,9832	1,617E-09
TcCLB.511859.80	hypothetical protein	0,9831	2,583E-13
TcCLB.503437.10	retrotransposon hot spot protein (RHS, pseudogene), putat	0,983	1,269E-07
TcCLB.506173.240	mucin TcMUCII, putative	0,9829	0,03846
TcCLB.508163.10	mucin-associated surface protein (MASP, pseudogene), pu	0,9829	0,3191
TcCLB.510759.114	hypothetical protein, conserved	0,9826	2,577E-09
TcCLB.506951.50	mucin TcMUCII (pseudogene), putative	0,9825	4,868E-06
TcCLB.506715.10	protein kinase, putative	0,9819	3,257E-24
TcCLB.504153.240	hypothetical protein, conserved	0,9816	1,312E-15
TcCLB.507791.10	retrotransposon hot spot (RHS) protein, putative (fragmen	0,9816	0,05992
TcCLB.507773.60	phosphoribosylpyrophosphate synthetase, putative	0,9812	2,448E-18
TcCLB.511839.20	mucin-associated surface protein (MASP), putative	0,9808	0,052
TcCLB.509317.20	esterase, putative	0,9807	4,483E-08
TcCLB.506001.14	mucin-associated surface protein (MASP), putative	0,9806	0,09031
TcCLB.506247.390	hypothetical protein, conserved	0,9804	3,381E-16
TcCLB.510787.10	trans-sialidase, Group I, putative	0,9804	7,896E-08
TcCLB.503613.40	pterin-4-alpha-carbinolamine dehydratase, putative	0,9803	1,968E-12
TcCLB.435601.10	trans-sialidase, putative (fragment)	0,9802	0,02102
TcCLB.511907.140	hypothetical protein	0,9801	0,0002178

TcCLB.506355.140	hypothetical protein, conserved	0,9798	4,383E-19
TcCLB.508121.30	trans-sialidase (pseudogene), putative	0,9793	2,795E-06
TcCLB.508503.40	hypothetical protein, conserved	0,9791	2,596E-15
TcCLB.506779.190	Unconventional myosin	0,979	2,927E-17
TcCLB.506967.70	mucin-associated surface protein (MASP), putative	0,978	0,01404
TcCLB.507491.20	surface antigen TASV, putative	0,9775	1,785E-22
TcCLB.504769.60	hypothetical protein, conserved	0,9775	6,543E-07
TcCLB.510979.30	mucin TcMUCII (pseudogene), putative	0,9775	0,001183
TcCLB.508125.40	hypothetical protein	0,9771	0,07853
TcCLB.506113.60	retrotransposon hot spot (RHS) protein, putative	0,9769	3,412E-37
TcCLB.510557.40	hypothetical protein	0,9766	0,0001778
TcCLB.509857.60	hypothetical protein, conserved	0,9765	1,284E-27
TcCLB.504797.144	hypothetical protein, conserved	0,9762	1,451E-15
TcCLB.508817.119	hypothetical protein, conserved	0,9762	5,882E-08
TcCLB.509167.150	homoserine kinase, putative	0,9754	1,837E-15
TcCLB.507153.55	hypothetical protein, conserved (pseudogene)	0,9754	0,00001567
TcCLB.503975.60	hypothetical protein	0,9751	1,44E-15
TcCLB.508841.10	surface antigen TASV-A4 (TASV-A4)	0,9751	2,337E-06
TcCLB.511585.170	protein kinase, putative	0,9749	2,499E-17
TcCLB.510359.340	phospholipid:diacylglycerol acyltransferase, putative	0,9746	2,504E-21
TcCLB.506247.410	protein-l-isoaspartate o-methyltransferase, putative	0,9743	1,625E-13
TcCLB.506769.50	mucin TcMUCII, putative	0,9737	0,1406
TcCLB.511837.120	hypothetical protein, conserved	0,9733	0,0002174
TcCLB.509151.140	60S ribosomal protein L23a, putative	0,973	5,121E-33
TcCLB.504081.220	retrotransposon hot spot protein (RHS, pseudogene), putat	0,9726	6,675E-13
TcCLB.511653.69	DNA repair protein, putative (fragment)	0,972	3,45E-22
TcCLB.503861.40	trans-sialidase, Group VIII, putative	0,972	2,753E-07
TcCLB.503939.110	hypothetical protein, conserved	0,9719	1,597E-14
TcCLB.506715.40	hypothetical protein, conserved	0,9714	2,143E-19
TcCLB.511817.250	hypothetical protein, conserved	0,9712	1,797E-15
TcCLB.511751.210	phosphopantothenoylecysteine decarboxylase, putative (PPC)	0,971	3,175E-15
TcCLB.510049.10	trans-sialidase, putative	0,9701	7,224E-07
TcCLB.511903.180	hypothetical protein, conserved	0,97	6,44E-10
TcCLB.508221.260	90 kDa surface protein, putative	0,9698	0,1057
TcCLB.511817.270	hypothetical protein, conserved	0,9694	1,652E-16
TcCLB.506785.14	mucin-associated surface protein (MASP), putative	0,9692	0,2037
TcCLB.505943.110	retrotransposon hot spot protein (RHS, pseudogene), putat	0,9686	2,973E-09
TcCLB.509341.20	hypothetical protein, conserved	0,9684	5,738E-24
TcCLB.506295.130	prohibitin, putative	0,9681	1,657E-15
TcCLB.510279.210	mucin-associated surface protein (MASP), putative	0,968	0,09475
TcCLB.510239.80	trans-sialidase, Group V, putative	0,9679	0,004352
TcCLB.510623.10	mucin TcMUCII, putative	0,9677	0,1171
TcCLB.508319.20	Present in the outer mitochondrial membrane proteome 1!	0,9673	1,428E-14
TcCLB.507633.40	mucin TcMUCII, putative	0,9671	0,0005516
TcCLB.507043.21	mucin TcMUCI, putative (fragment)	0,9671	0,02223

TcCLB.510023.30	mucin-associated surface protein (MASP), putative (fragm	0,9668	0,07806
TcCLB.511201.40	hypothetical protein, conserved	0,9666	1,334E-08
TcCLB.507937.3	trans-sialidase, putative	0,9666	0,4926
TcCLB.506401.130	hypothetical protein, conserved	0,9664	3,61E-09
TcCLB.509903.5	retrotransposon hot spot (RHS) protein, putative (fragmen	0,9658	8,343E-21
TcCLB.508071.40	hypothetical protein	0,9657	0,04287
TcCLB.504123.30	map kinase, putative	0,9656	1,642E-14
TcCLB.503453.10	hypothetical protein, conserved	0,9656	6,326E-12
TcCLB.454403.30	retrotransposon hot spot protein (RHS, pseudogene), putat	0,9656	1,115E-08
TcCLB.511149.100	mucin TcMUCII, putative	0,9652	0,00187
TcCLB.506041.10	hypothetical protein, conserved (fragment)	0,9649	3,598E-07
TcCLB.506519.51	hypothetical protein, conserved	0,9647	6,743E-13
TcCLB.511077.100	mucin TcMUCII, putative	0,9643	0,2526
TcCLB.508501.300	hypothetical protein, conserved	0,964	5,846E-12
TcCLB.506409.190	mucin-associated surface protein (MASP, pseudogene), pu	0,9639	0,005942
TcCLB.511589.40	hypothetical protein, conserved	0,9632	7,738E-10
TcCLB.504257.60	S-adenosylmethionine decarboxylase proenzyme, putative	0,9632	7,662E-06
TcCLB.509599.170	hypothetical protein, conserved	0,9629	1,529E-09
TcCLB.510007.30	RNA-binding protein, putative	0,9627	2,857E-17
TcCLB.508953.10	hypothetical protein, conserved	0,9627	4,142E-06
TcCLB.509815.10	retrotransposon hot spot (RHS) protein, putative	0,9626	8,955E-08
TcCLB.509805.90	hypothetical protein, conserved	0,9624	2,901E-16
TcCLB.506359.80	Dynein light chain roadblock-type protein, putative	0,9624	6,012E-09
TcCLB.510465.74	mucin-associated surface protein (MASP), putative	0,9624	0,1758
TcCLB.510371.130	mucin TcMUCII, putative	0,9617	0,2056
TcCLB.507491.162	flagellar calcium-binding protein, putative (fragment)	0,9616	3,069E-18
TcCLB.506443.150	retrotransposon hot spot (RHS) protein, putative	0,9612	1,671E-39
TcCLB.511809.10	hypothetical protein	0,961	7,122E-12
TcCLB.506661.170	hypothetical protein, conserved	0,961	5,104E-07
TcCLB.511385.60	hypothetical protein	0,961	8,906E-07
TcCLB.510173.70	MIX protein, putative	0,9609	7,234E-08
TcCLB.508163.230	mucin-associated surface protein (MASP), putative	0,9608	0,1535
TcCLB.506471.100	trans-sialidase, Group II, putative	0,9605	0,00003161
TcCLB.511173.180	mucin-associated surface protein (MASP), putative	0,9604	0,08039
TcCLB.510643.10	dispersed gene family protein 1 (DGF-1), putative	0,9603	5,531E-07
TcCLB.511771.80	retrotransposon hot spot protein (RHS, pseudogene), putat	0,9601	1,463E-09
TcCLB.509589.20	squalene monooxygenase, putative	0,96	8,609E-22
TcCLB.510555.30	mucin TcMUCII, putative	0,9597	0,0704
TcCLB.504081.340	hypothetical protein (pseudogene)	0,9597	0,2295
TcCLB.511891.10	trans-sialidase, Group II, putative	0,9592	7,592E-08
TcCLB.508387.160	MORN repeat-containing protein	0,9591	1,502E-11
TcCLB.511817.300	hypothetical protein, conserved	0,9586	3,734E-12
TcCLB.510901.180	hypothetical protein, conserved	0,9586	9,421E-09
TcCLB.507485.40	hypothetical protein, conserved	0,9584	2,229E-16
TcCLB.452283.4	hypothetical protein, conserved	0,9584	0,01354

TcCLB.508205.4	hypothetical protein, conserved	0,9582	0,0003256
TcCLB.511655.30	hypothetical protein	0,9579	1,103E-22
TcCLB.506501.240	mucin-associated surface protein (MASP), putative	0,9577	0,2588
TcCLB.509419.80	mucin-associated surface protein (MASP), putative	0,9568	0,4026
TcCLB.511815.90	hypothetical protein	0,9559	6,712E-14
TcCLB.509259.120	retrotransposon hot spot (RHS) protein, putative	0,9553	1,577E-09
TcCLB.509459.50	hypothetical protein, conserved	0,9552	2,456E-15
TcCLB.509153.110	hypothetical protein	0,9545	1,395E-15
TcCLB.511605.80	mucin-associated surface protein (MASP), putative	0,9543	0,2015
TcCLB.506741.50	mucin TcMUCII, putative	0,9538	0,001519
TcCLB.509153.90	dihydrofolate reductase-thymidylate synthase	0,9537	4,509E-28
TcCLB.504769.70	hypothetical protein, conserved	0,9536	1,005E-27
TcCLB.506607.10	hypothetical protein, conserved	0,9535	4,929E-06
TcCLB.506667.70	mucin TcMUCII, putative	0,9532	0,05594
TcCLB.505193.10	serine/threonine protein phosphatase-like protein, putative	0,953	2,099E-09
TcCLB.508501.200	hypothetical protein, conserved	0,953	0,001738
TcCLB.511259.50	trans-sialidase (pseudogene), putative	0,9526	0,002969
TcCLB.506281.20	mucin TcMUCI, putative	0,9524	0,1446
TcCLB.507529.20	hypothetical protein, conserved	0,9523	9,21E-23
TcCLB.509217.150	retrotransposon hot spot protein (RHS, pseudogene), putative	0,9523	0,0001514
TcCLB.508979.50	trans-sialidase, Group VI, putative	0,9522	0,003003
TcCLB.509977.100	hypothetical protein, conserved	0,9517	2,111E-23
TcCLB.508745.60	mucin TcMUCII, putative	0,9517	0,03065
TcCLB.509215.30	hypothetical protein, conserved	0,9516	6,824E-06
TcCLB.479847.20	retrotransposon hot spot (RHS) protein, putative	0,9511	0,008296
TcCLB.509645.5	hypothetical protein, conserved (pseudogene)	0,951	9,393E-09
TcCLB.508961.10	hypothetical protein, conserved	0,9508	1,735E-14
TcCLB.509601.100	hypothetical protein, conserved	0,9507	1,732E-16
TcCLB.511047.40	NADH-cytochrome b5 reductase, putative	0,9505	5,219E-21
TcCLB.506599.224	mucin TcMUCII, putative	0,9504	0,1569
TcCLB.507007.108	amino acid transporter, putative	0,9501	8,179E-10
TcCLB.508563.30	retrotransposon hot spot protein (RHS, pseudogene), putative	0,9501	0,1306
TcCLB.511261.71	hypothetical protein, conserved (pseudogene)	0,9499	0,00000129
TcCLB.509417.9	trans-sialidase, putative	0,9496	0,0001509
TcCLB.508387.90	paraflagellar rod protein, putative	0,9494	5,379E-17
TcCLB.505207.30	retrotransposon hot spot (RHS) protein, putative	0,9494	1,333E-13
TcCLB.510611.79	Present in the outer mitochondrial membrane proteome 3'	0,9494	6,256E-09
TcCLB.511227.20	retrotransposon hot spot protein (RHS, pseudogene), putative	0,9493	1,427E-18
TcCLB.507019.90	hypothetical protein, conserved	0,9493	0,00000153
TcCLB.506683.100	retrotransposon hot spot protein (RHS, pseudogene), putative	0,9493	0,00007418
TcCLB.503543.20	divalent cation transporter, putative (fragment)	0,9488	3,12E-15
TcCLB.504125.40	ATPase subunit 9, putative	0,9483	1,214E-14
TcCLB.510381.50	hypothetical protein, conserved	0,9475	6,151E-08
TcCLB.506499.90	90 kDa surface protein, putative	0,9475	0,2154
TcCLB.452699.5	trans-sialidase (pseudogene), putative	0,9473	0,08877

TcCLB.510943.33	fatty acyl CoA synthetase, putative	0,9472	2,119E-14
TcCLB.510083.10	retrotransposon hot spot protein (RHS, pseudogene), putat	0,9472	4,999E-10
TcCLB.510557.60	mucin-associated surface protein (MASP), putative	0,9471	0,2581
TcCLB.505647.50	hypothetical protein, conserved	0,946	0,00002944
TcCLB.506673.30	hypothetical protein, conserved	0,9459	0,00000102
TcCLB.506245.190	trans-sialidase, Group V, putative	0,9459	0,01691
TcCLB.510935.20	surface protease GP63, putative	0,9458	0,001785
TcCLB.503431.10	caltractin, putative	0,9457	0,0003976
TcCLB.503505.20	MFS transporter, putative	0,9452	1,553E-10
TcCLB.511825.60	aquaporin, putative	0,9451	1,756E-13
TcCLB.504637.21	trans-sialidase (pseudogene), putative	0,9451	0,00001449
TcCLB.506813.120	retrotransposon hot spot protein (RHS, pseudogene), putat	0,9449	0,0007692
TcCLB.508759.60	mucin-associated surface protein (MASP), putative	0,9445	0,2732
TcCLB.506751.148	mucin TcMUCII (pseudogene), putative	0,9443	0,2114
TcCLB.508241.104	hypothetical protein, conserved	0,9441	2,749E-20
TcCLB.509869.30	mucin TcMUCII, putative	0,9441	0,1878
TcCLB.504003.70	S-adenosyl-methyltransferase mraW-like protein, putative	0,944	3,954E-16
TcCLB.503735.20	hypothetical protein	0,944	1,438E-09
TcCLB.508873.454	mucin TcMUC (pseudogene), putative	0,944	0,1672
TcCLB.510155.70	heat shock protein 70 (hsp70), putative	0,9435	2,403E-23
TcCLB.510543.60	retrotransposon hot spot protein (RHS, pseudogene), putat	0,9434	6,37E-10
TcCLB.508177.81	surface protease GP63 (pseudogene), putative	0,9433	0,00002859
TcCLB.511577.180	retrotransposon hot spot (RHS) protein, putative	0,9431	1,418E-10
TcCLB.511907.130	mucin-like glycoprotein, putative	0,9431	0,000242
TcCLB.506183.80	hypothetical protein	0,9429	0,0769
TcCLB.510095.50	dispersed gene family protein 1 (DGF-1), putative	0,9428	0,00001126
TcCLB.506295.110	hypothetical protein, conserved	0,9426	0,00000996
TcCLB.507085.170	mucin TcMUCII, putative	0,9425	0,008247
TcCLB.511737.6	hypothetical protein, conserved	0,9421	0,00002612
TcCLB.504689.10	hypothetical protein	0,9419	0,06484
TcCLB.505779.20	trans-sialidase, Group II, putative	0,9414	2,721E-06
TcCLB.510101.400	hypothetical protein, conserved	0,941	4,036E-20
TcCLB.507275.61	surface antigen TASV-A1 (TASV-A1)	0,9405	0,0002094
TcCLB.506131.84	mucin-associated surface protein (MASP), putative	0,9403	0,0612
TcCLB.506777.90	hypothetical protein, conserved	0,9398	4,016E-13
TcCLB.506909.160	trans-sialidase, Group V, putative	0,9397	0,0006286
TcCLB.508529.10	retrotransposon hot spot (RHS) protein, putative, (fragmer	0,9395	1,405E-07
TcCLB.506825.230	hypothetical protein, conserved	0,9394	3,805E-26
TcCLB.506441.20	hypothetical protein, conserved	0,9394	1,747E-22
TcCLB.503723.50	hypothetical protein, conserved	0,9393	2,98E-18
TcCLB.507507.10	hypothetical protein, conserved	0,9392	6,257E-12
TcCLB.511593.30	mucin-associated surface protein (MASP), putative	0,9391	0,006758
TcCLB.511759.30	hypothetical protein, conserved	0,9388	5,666E-14
TcCLB.503661.20	retrotransposon hot spot (RHS) protein, putative	0,9388	0,0302
TcCLB.506927.20	hypothetical protein, conserved	0,9387	8,348E-11

TcCLB.506825.20	hypothetical protein, conserved	0,9365	3,168E-23
TcCLB.506401.90	centrin, putative	0,9363	1,39E-11
TcCLB.511441.20	calpain-like cysteine peptidase, putative (fragment)	0,9363	0,1282
TcCLB.508205.48	hypothetical protein, conserved	0,9359	0,001177
TcCLB.506327.80	serine/threonine protein kinase, putative	0,9358	1,182E-10
TcCLB.510881.9	trans-sialidase, putative	0,9354	0,09719
TcCLB.503433.30	hypothetical protein, conserved	0,9345	1,126E-12
TcCLB.511603.60	mucin TcMUCII, putative	0,9344	0,01511
TcCLB.506763.140	hypothetical protein	0,9342	0,2901
TcCLB.418185.40	hypothetical protein, conserved (pseudogene)	0,934	9,29E-09
TcCLB.509331.60	hypothetical protein, conserved	0,934	1,724E-07
TcCLB.503723.60	tartrate-resistant acid phosphatase type 5 precursor, putative	0,9335	1,28E-09
TcCLB.509779.4	hypothetical protein, conserved	0,9335	1,801E-07
TcCLB.511607.40	mucin-associated surface protein (MASP), putative	0,9333	0,006832
TcCLB.508521.81	elongation factor 1-gamma (EF-1-gamma), putative	0,9333	0,03124
TcCLB.508973.60	hypothetical protein, conserved	0,933	6,12E-14
TcCLB.506791.79	hypothetical protein, conserved	0,933	8,846E-07
TcCLB.510915.5	dispersed gene family protein 1 (DGF-1), putative	0,9329	0,01256
TcCLB.511077.20	beta galactofuranosyl glycosyltransferase (pseudogene), putative	0,9329	0,04938
TcCLB.510719.90	hypothetical protein, conserved	0,9328	2,139E-08
TcCLB.506763.4	surface protease GP63 (pseudogene), putative	0,9328	0,005071
TcCLB.510087.80	hypothetical protein, conserved	0,9323	4,881E-16
TcCLB.510347.40	hypothetical protein, conserved	0,9322	9,642E-18
TcCLB.509207.40	hypothetical protein, conserved	0,9318	1,357E-35
TcCLB.510155.90	hypothetical protein, conserved	0,9318	2,788E-28
TcCLB.508961.4	ADP-ribosylation factor, putative	0,9315	2,243E-06
TcCLB.508429.20	mucin-like glycoprotein, putative	0,9315	0,1206
TcCLB.477935.9	calpain-like cysteine peptidase (pseudogene), putative	0,9314	6,542E-06
TcCLB.511921.29	mucin-associated surface protein (MASP, pseudogene), putative	0,9311	0,1379
TcCLB.508435.20	mucin TcMUCII, putative	0,9309	0,1365
TcCLB.508899.54	hypothetical protein, conserved	0,9307	2,804E-13
TcCLB.504249.65	mucin TcMUCII, putative	0,9307	0,03401
TcCLB.506763.90	mucin-associated surface protein (MASP, pseudogene), putative	0,9302	0,2697
TcCLB.505647.30	hypothetical protein, conserved	0,9295	3,309E-13
TcCLB.507645.30	hypothetical protein, conserved	0,929	6,507E-10
TcCLB.510095.80	hypothetical protein	0,929	0,0313
TcCLB.511003.60	3-ketoacyl-CoA thiolase, putative (ACAT)	0,9283	5,218E-14
TcCLB.511411.16	hypothetical protein, conserved	0,9279	2,175E-15
TcCLB.508461.240	chaperone protein DNAJ, putative	0,9279	2,028E-11
TcCLB.508641.110	hypothetical protein, conserved	0,9279	1,746E-06
TcCLB.506683.210	retrotransposon hot spot protein (RHS, pseudogene), putative	0,9278	3,529E-06
TcCLB.511825.190	hypothetical protein, conserved	0,9276	5,815E-19
TcCLB.511153.19	surface protease GP63, putative	0,9268	2,42E-12
TcCLB.506941.150	sphingosine 1-phosphate lyase, putative (SPL)	0,9265	8,934E-11
TcCLB.509683.10	hypothetical protein	0,9263	1,483E-31

TcCLB.511431.90	conserved protein, unknown function	0,9263	0,0178
TcCLB.413293.9	trans-sialidase, putative (fragment)	0,9263	0,03387
TcCLB.511911.130	phosphoglucomutase	0,9259	9,986E-13
TcCLB.510025.150	mucin TcMUCII, putative	0,9259	0,1278
TcCLB.503579.70	ATPase subunit 9, putative	0,9256	3,859E-13
TcCLB.510187.530	hypothetical protein, conserved	0,9255	1,489E-16
TcCLB.507491.151	flagellar calcium-binding protein, putative	0,925	4,997E-18
TcCLB.506067.280	mucin TcMUCII, putative	0,925	0,01379
TcCLB.503657.70	tyrosine phosphatase, putative	0,9248	1,044E-09
TcCLB.506593.30	ribosomal protein S7, putative	0,9246	3,412E-37
TcCLB.507485.20	hypothetical protein, conserved	0,9235	3,193E-08
TcCLB.510155.220	trans-sialidase (pseudogene), putative	0,9234	4,765E-06
TcCLB.507615.40	hypothetical protein, conserved	0,9229	3,398E-22
TcCLB.509287.130	surface protease GP63 (pseudogene), putative	0,9229	4,186E-06
TcCLB.511259.230	trans-sialidase (pseudogene), putative	0,9228	0,01611
TcCLB.506337.80	surface antigen TASV, putative	0,9225	5,211E-17
TcCLB.510155.94	hypothetical protein, conserved	0,9222	5,662E-11
TcCLB.507747.114	mucin-associated surface protein (MASP, pseudogene), pu	0,9222	0,08552
TcCLB.506475.90	hypothetical protein, conserved	0,9221	4,647E-13
TcCLB.507747.195	glyceraldehyde-3-phosphate dehydrogenase (pseudogene),	0,9217	0,003228
TcCLB.507145.60	trans-sialidase, Group V, putative	0,9214	0,007394
TcCLB.509065.36	hypothetical protein, conserved	0,9213	2,319E-06
TcCLB.503975.20	hypothetical protein	0,9211	9,752E-07
TcCLB.510353.30	paraflagellar rod component par4, putative	0,921	1,787E-20
TcCLB.506825.170	lanosterol synthase, putative	0,9205	3,135E-20
TcCLB.505997.80	trans-sialidase, Group VIII, putative	0,9201	0,01662
TcCLB.509461.80	hypothetical protein, conserved	0,919	1,017E-11
TcCLB.508317.120	mannosyl-oligosaccharide 1,2-alpha-mannosidase IB, puta	0,9189	2,462E-14
TcCLB.511571.40	hypothetical protein, conserved	0,9187	1,346E-15
TcCLB.511647.20	hypothetical protein, conserved	0,9187	1,638E-06
TcCLB.510643.50	retrotransposon hot spot protein (RHS, pseudogene), putat	0,9177	2,47E-10
TcCLB.511643.130	mucin-associated surface protein (MASP, pseudogene), pu	0,9176	0,0001621
TcCLB.509427.10	trans-sialidase, Group II, putative	0,9173	0,02504
TcCLB.506759.40	mucin-associated surface protein (MASP), putative	0,9171	0,02235
TcCLB.509525.250	mucin TcMUCII, putative	0,9171	0,2327
TcCLB.511517.120	hypothetical protein, conserved	0,917	1,731E-18
TcCLB.511233.59	hypothetical protein, conserved	0,9168	6,629E-11
TcCLB.511817.50	hypothetical protein, conserved	0,9166	4,356E-14
TcCLB.508241.80	hypothetical protein, conserved	0,9163	3,072E-08
TcCLB.508857.160	threonine synthase, putative	0,9159	1,901E-14
TcCLB.511807.64	DNA repair protein, putative	0,9155	2,937E-12
TcCLB.507653.20	trans-sialidase, Group II, putative	0,9155	0,001024
TcCLB.510377.250	mucin TcMUCII (pseudogene), putative	0,9154	0,1678
TcCLB.511507.70	calpain-like cysteine peptidase, putative	0,9153	5,736E-10
TcCLB.506837.10	mucin TcMUCI, putative	0,9153	0,00002292



TcCLB.508045.20	hypothetical protein, conserved	0,9152	2,741E-10
TcCLB.508871.10	trans-sialidase, Group V, putative	0,9146	0,00906
TcCLB.506153.20	amino acid transporter, putative	0,9145	1,062E-24
TcCLB.511333.4	Calpain-like protein 1 (CAP5.5)	0,9144	1,047E-11
TcCLB.508435.30	mucin-associated surface protein (MASP, pseudogene), pu	0,914	0,1334
TcCLB.511851.50	mucin TcMUCI, putative	0,9134	0,05569
TcCLB.510377.430	mucin-associated surface protein (MASP), putative	0,9133	0,05643
TcCLB.510823.30	Isoprenylcysteine alpha-carbonyl methylesterase, putative	0,9127	2,799E-17
TcCLB.507645.40	hypothetical protein, conserved	0,9126	4,618E-18
TcCLB.505065.30	carnitine O-palmitoyltransferase (pseudogene), putative	0,9126	0,07443
TcCLB.510503.20	mucin TcMUCII, putative	0,9123	0,04354
TcCLB.509119.30	hypothetical protein, conserved	0,9122	3,409E-12
TcCLB.509109.130	protein tyrosine phosphatase-like protein, putative	0,9122	3,175E-08
TcCLB.506853.40	hypothetical protein, conserved	0,9121	2,562E-08
TcCLB.507953.210	hypothetical protein	0,9121	0,1152
TcCLB.511445.10	calpain-like cysteine peptidase, putative	0,9116	0,0003075
TcCLB.509975.15	surface protease GP63 (pseudogene), putative	0,9113	0,09413
TcCLB.506195.10	glucose-6-phosphate dehydrogenase (pseudogene), putative	0,9109	0,00002014
TcCLB.506289.160	hypothetical protein	0,9107	0,003796
TcCLB.509737.19	retrotransposon hot spot protein (RHS, pseudogene), putative	0,9106	0,005512
TcCLB.508175.100	hypothetical protein	0,9104	6,237E-20
TcCLB.508787.14	hypothetical protein, conserved	0,9104	0,0004156
TcCLB.507699.149	mucin TcMUCII, putative	0,9104	0,08584
TcCLB.511047.20	mucin-like glycoprotein, putative	0,9098	6,12E-14
TcCLB.508567.60	hypothetical protein	0,9097	5,839E-15
TcCLB.510101.150	adaptin-related protein-like, putative	0,9096	1,354E-18
TcCLB.507691.20	dispersed gene family protein 1 (DGF-1), putative	0,9092	1,903E-12
TcCLB.506529.595	hypothetical protein	0,9091	2,123E-10
TcCLB.510351.90	dihydrolipoamide branched chain transacylase, putative	0,9089	1,615E-16
TcCLB.511587.30	retrotransposon hot spot protein (RHS, pseudogene), putative	0,9087	2,082E-24
TcCLB.510889.290	hypothetical protein	0,9087	0,0002671
TcCLB.507543.30	retrotransposon hot spot protein (RHS, pseudogene), putative	0,9081	1,444E-20
TcCLB.506885.416	regulator of chromosome condensation (RCC1), putative	0,9081	3,118E-11
TcCLB.508149.70	mucin TcMUCII, putative	0,9079	0,1023
TcCLB.510545.40	mucin TcMUCII, putative	0,9076	0,039
TcCLB.506337.90	surface antigen TASV, putative (TASV)	0,9074	7,067E-22
TcCLB.508721.4	hypothetical protein, conserved	0,9074	0,0000204
TcCLB.506499.120	hypothetical protein	0,907	0,2226
TcCLB.511245.130	fatty acid elongase, putative	0,9064	6,677E-21
TcCLB.503505.10	60S acidic ribosomal protein P2, putative	0,9064	2,674E-12
TcCLB.511395.10	hypothetical protein, conserved	0,9061	2,337E-09
TcCLB.505949.10	mucin TcMUCII, putative	0,9059	0,06304
TcCLB.508541.100	surface protease GP63, putative	0,9056	0,06715
TcCLB.504081.110	mucin TcMUCII (pseudogene), putative	0,9052	0,1533
TcCLB.509747.90	hypothetical protein, conserved	0,9049	3,37E-08

TcCLB.507645.70	Meckel syndrome type 1 protein, putative (fragment) (mks	0,9047	1,976E-14
TcCLB.427789.20	Paraflagellar Rod Proteome Component 9, putative (PFC9)	0,9047	5,885E-08
TcCLB.511127.330	kinetoplastid kinetochore protein 19, putative (kkt19)	0,9047	0,0005923
TcCLB.510483.200	hypothetical protein	0,9047	0,1635
TcCLB.506017.51	retrotransposon hot spot (RHS) protein, putative (fragmen	0,9046	3,92E-26
TcCLB.508221.560	mucin TcMUCII, putative	0,9043	0,3027
TcCLB.507781.10	hypothetical protein, conserved (pseudogene)	0,9042	0,0001273
TcCLB.511661.90	ribose-phosphate pyrophosphokinase, putative	0,9037	1,043E-23
TcCLB.510789.20	mucin TcMUC (pseudogene), putative	0,9035	0,0006265
TcCLB.509429.160	hypothetical protein	0,9034	5,068E-15
TcCLB.504797.140	CLC-type chloride channel, putative	0,9033	2,859E-21
TcCLB.508323.50	hypothetical protein, conserved	0,9032	1,405E-06
TcCLB.508763.20	mucin TcMUCII, putative	0,903	0,01618
TcCLB.511621.9	hypothetical protein, conserved	0,9029	4,483E-08
TcCLB.508117.10	surface protease GP63 (pseudogene), putative	0,9027	0,0004729
TcCLB.509155.30	hypothetical protein, conserved	0,9024	4,986E-17
TcCLB.508465.110	acyl-CoA dehydrogenase, putative	0,9024	8,963E-13
TcCLB.509149.60	60S ribosomal protein L19, putative	0,9022	5,825E-11
TcCLB.507665.10	hypothetical protein, conserved	0,9022	6,124E-07
TcCLB.506001.120	hypothetical protein, conserved (pseudogene)	0,9021	0,02531
TcCLB.507167.150	retrotransposon hot spot protein (RHS, pseudogene), putat	0,9019	1,194E-07
TcCLB.510733.5	hypothetical protein, conserved (fragment)	0,9019	0,00004658
TcCLB.506137.10	surface protease GP63, putative	0,9015	0,01143
TcCLB.508851.130	hypothetical protein	0,9012	7,664E-18
TcCLB.505779.10	trans-sialidase, Group II, putative	0,9011	4,378E-06
TcCLB.509539.67	paraflagellar rod component par4, putative (fragment)	0,901	0,001586
TcCLB.445777.10	retrotransposon hot spot (RHS) protein, putative, (fragmer	0,9004	6,89E-11
TcCLB.506325.33	ATP-dependent DEAD/H RNA helicase (pseudogene), putat	0,9004	0,04926
TcCLB.509811.18	mucin-associated surface protein (MASP, pseudogene), pu	0,9003	0,1052
TcCLB.508027.129	Hydroxymethylglutaryl-CoA lyase, mitochondrial, putative	0,9001	3,478E-06
TcCLB.506779.150	histone H2B variant, putative	0,9	2,551E-16
TcCLB.507357.100	trans-sialidase, Group V, putative	0,9	0,00002614
TcCLB.506909.90	mucin-associated surface protein (MASP, pseudogene), pu	0,8998	0,1628
TcCLB.508859.74	SNF2 DNA repair protein, putative	0,8997	3,622E-23
TcCLB.509815.70	retrotransposon hot spot protein (RHS, pseudogene), putat	0,8993	6,344E-08
TcCLB.506409.10	hypothetical protein	0,8992	0,1035
TcCLB.508479.80	retrotransposon hot spot (RHS) protein, putative	0,8991	2,988E-08
TcCLB.508503.60	protein kinase, putative	0,8989	3,631E-28
TcCLB.508239.40	palmitoyl acyltransferase 8, putative	0,8989	1,593E-06
TcCLB.508509.51	mucin-associated surface protein (MASP, pseudogene), pu	0,8985	0,1103
TcCLB.508045.30	hypothetical protein, conserved	0,8984	3,718E-15
TcCLB.503881.10	kynureninase, putative	0,8984	4,471E-08
TcCLB.510101.34	hypothetical protein, conserved	0,8982	1,555E-10
TcCLB.504081.250	90 kDa surface protein, putative	0,8982	0,02843
TcCLB.509571.60	hypothetical protein, conserved	0,8979	1,192E-08

TcCLB.507317.60	protein kinase-like protein, putative	0,8978	0,00001731
TcCLB.507807.30	hypothetical protein	0,8978	0,00153
TcCLB.504741.140	esterase, putative	0,8975	1,972E-07
TcCLB.509153.30	hypothetical protein, conserved	0,8972	1,082E-25
TcCLB.510755.89	kinetoplastid membrane protein KMP-11, putative	0,8972	8,362E-17
TcCLB.510847.70	dispersed gene family protein 1 (DGF-1), putative	0,8969	0,00009482
TcCLB.511017.25	hypothetical protein	0,8967	0,001317
TcCLB.509169.30	hypothetical protein, conserved	0,8966	3,798E-09
TcCLB.508099.20	serine-alanine-and proline-rich protein, putative	0,8965	0,01113
TcCLB.510781.10	dispersed gene family protein 1 (DGF-1, pseudogene), putative	0,8961	5,495E-06
TcCLB.511367.150	hypothetical protein, conserved	0,896	2,917E-11
TcCLB.508677.90	hypothetical protein, conserved	0,8953	0,0001927
TcCLB.510343.10	hypothetical protein, conserved	0,8947	0,00002431
TcCLB.430895.4	hypothetical protein, conserved	0,8943	0,1382
TcCLB.507699.10	mucin TcMUCII, putative	0,8942	0,01752
TcCLB.506613.9	surface protease GP63, putative (fragment)	0,8938	0,1004
TcCLB.506969.6	trans-sialidase (pseudogene), putative	0,8936	0,4427
TcCLB.507589.30	Checkpoint protein HUS1, putative	0,8935	1,994E-14
TcCLB.510187.150	guanylate kinase, putative	0,8935	6,354E-13
TcCLB.511729.70	cationic amino acid transporter, putative	0,8931	0,0001737
TcCLB.504655.30	protein kinase, putative	0,8925	3,815E-16
TcCLB.507063.290	hypothetical protein	0,8924	3,224E-13
TcCLB.509599.164	engulfment and cell motility domain 2, putative	0,8923	7,335E-14
TcCLB.507623.120	hypothetical protein, conserved	0,8921	1,365E-06
TcCLB.507681.170	hypothetical protein, conserved	0,892	8,343E-09
TcCLB.506683.190	trans-sialidase, Group II, putative	0,892	0,00005259
TcCLB.506435.134	Enriched in surface-labeled proteome protein 11, putative	0,8919	2,257E-08
TcCLB.509887.19	dispersed gene family protein 1 (DGF-1), putative	0,8915	0,00008872
TcCLB.508247.130	mucin-associated surface protein (MASP), putative	0,8914	0,1954
TcCLB.507809.160	hypothetical protein, conserved	0,891	9,082E-11
TcCLB.506339.81	elongation factor 1-gamma (EF-1-gamma, pseudogene), putative	0,8903	0,03417
TcCLB.508411.70	hypothetical protein, conserved	0,8901	1,535E-10
TcCLB.509391.30	flagellar calcium-binding protein, putative	0,89	0,227
TcCLB.510947.50	cyclophilin, putative (CYP)	0,8899	1,42E-09
TcCLB.508433.145	mucin TcMUCII (pseudogene), putative	0,8897	0,3109
TcCLB.509767.150	hypothetical protein, conserved	0,8896	9,848E-12
TcCLB.504173.40	hypothetical protein	0,8894	3,267E-06
TcCLB.507873.40	hypothetical protein, conserved	0,8893	0,00002022
TcCLB.503827.87	hypothetical protein, conserved (pseudogene)	0,8892	0,1959
TcCLB.510679.60	lipase, putative	0,8889	0,00321
TcCLB.506779.70	hypothetical protein, conserved	0,8888	2,131E-07
TcCLB.511213.30	surface protease GP63 (pseudogene), putative	0,8886	0,0007345
TcCLB.509777.110	hypothetical protein, conserved	0,8884	9,706E-06
TcCLB.508777.50	hypothetical protein	0,8882	4,986E-12
TcCLB.508543.180	hypothetical protein, conserved	0,8881	1,36E-16

TcCLB.511827.40	hypothetical protein, conserved	0,8879	4,221E-11
TcCLB.511433.10	hypothetical protein, conserved	0,8879	7,521E-07
TcCLB.509607.20	hypothetical protein, conserved	0,8875	0,07779
TcCLB.508501.260	hypothetical protein, conserved	0,8869	5,227E-10
TcCLB.510849.20	trans-sialidase (pseudogene), putative	0,8869	0,00001859
TcCLB.506773.20	hypothetical protein, conserved	0,8865	3,924E-16
TcCLB.511469.50	hypothetical protein, conserved	0,8859	7,439E-06
TcCLB.506769.70	mucin TcMUCII, putative	0,8858	0,1354
TcCLB.509859.70	hypothetical protein, conserved	0,8857	6,586E-09
TcCLB.504253.50	hypothetical protein, conserved	0,8853	3,541E-10
TcCLB.508153.740	hypothetical protein	0,8846	2,815E-15
TcCLB.510759.54	hypothetical protein	0,8845	0,0001998
TcCLB.508061.20	trans-sialidase, Group II, putative	0,8843	0,0003101
TcCLB.507849.10	trans-sialidase (pseudogene), putative	0,8842	0,2201
TcCLB.510105.240	short chain 3-hydroxyacyl-CoA dehydrogenase, putative	0,8839	8,173E-17
TcCLB.511817.80	protein kinase, putative	0,8835	2,628E-11
TcCLB.505365.20	retrotransposon hot spot protein (RHS, pseudogene), putat	0,8833	1,593E-08
TcCLB.508053.10	trans-sialidase, putative	0,8826	0,2502
TcCLB.510799.60	mucin TcMUCII, putative	0,8825	0,0097
TcCLB.506795.20	hypothetical protein, conserved	0,8823	6,992E-11
TcCLB.409117.10	hypothetical protein, conserved	0,8823	0,00002509
TcCLB.506401.250	hypothetical protein, conserved	0,8822	3,102E-23
TcCLB.508711.30	NADH dehydrogenase subunit NI8M, putative	0,8822	5,409E-09
TcCLB.510763.34	hypothetical protein, conserved	0,882	3,174E-07
TcCLB.506499.130	hypothetical protein	0,8819	0,2699
TcCLB.508273.100	mucin TcMUCI, putative	0,8816	0,02342
TcCLB.508737.60	hypothetical protein, conserved	0,8814	1,493E-07
TcCLB.511405.10	mucin TcMUCI, putative	0,8812	0,1599
TcCLB.505807.130	hypothetical protein, conserved	0,8809	0,000242
TcCLB.511335.19	hypothetical protein, conserved (pseudogene)	0,8808	0,0000123
TcCLB.506931.60	hypothetical protein	0,8807	6,251E-07
TcCLB.511517.50	hypothetical protein, conserved	0,8794	4,563E-10
TcCLB.506797.20	hypothetical protein	0,8791	1,719E-21
TcCLB.506775.60	hypothetical protein, conserved	0,8791	2,94E-15
TcCLB.509683.80	adenylosuccinate synthetase, putative	0,8789	4,898E-10
TcCLB.508887.24	mucin-associated surface protein (MASP, pseudogene), pu	0,8787	0,2179
TcCLB.511603.390	mucin TcMUCII, putative	0,8785	0,3771
TcCLB.510557.80	mucin TcMUCII, putative	0,8784	0,09607
TcCLB.511925.20	hypothetical protein, conserved	0,8783	1,086E-09
TcCLB.509419.100	mucin-associated surface protein (MASP, pseudogene), pu	0,8781	0,2087
TcCLB.507083.100	hypothetical protein, conserved	0,878	7,649E-22
TcCLB.503447.40	retrotransposon hot spot (RHS) protein, putative	0,878	0,0004347
TcCLB.507091.40	dihydroorotate dehydrogenase, putative (DHODH)	0,8771	0,0001684
TcCLB.506813.59	mucin TcMUC (pseudogene), putative	0,8771	0,09798
TcCLB.509711.20	retrotransposon hot spot protein (RHS, pseudogene), putat	0,8764	0,06565

TcCLB.505997.10	retrotransposon hot spot (RHS) protein, putative	0,8762	1,238E-06
TcCLB.506201.50	hypothetical protein, conserved	0,8761	0,0001372
TcCLB.506661.30	fatty acid elongase, putative	0,876	3,037E-25
TcCLB.507429.30	mucin TcMUCII, putative	0,8755	0,001873
TcCLB.509065.9	aldehyde dehydrogenase, putative (fragment)	0,8754	1,398E-17
TcCLB.511151.110	surface protease GP63, putative (fragment)	0,8754	7,207E-14
TcCLB.505915.10	retrotransposon hot spot protein (RHS, pseudogene), putative	0,8752	0,00000181
TcCLB.511823.50	palmitoyl acyltransferase 11, putative	0,8748	3,588E-09
TcCLB.505201.50	trans-sialidase (pseudogene), putative	0,8747	0,0001586
TcCLB.507559.20	hypothetical protein, conserved	0,8745	2,537E-10
TcCLB.506493.9	hypothetical protein, conserved	0,8745	3,273E-09
TcCLB.508179.70	GPR1/FUN34/yaaH family, putative	0,8741	1,933E-09
TcCLB.511153.40	surface protease GP63, putative	0,874	6,752E-16
TcCLB.506175.120	hypothetical protein, conserved	0,8737	0,1296
TcCLB.503699.19	mucin-associated surface protein (MASP), putative	0,8737	0,1359
TcCLB.507653.50	retrotransposon hot spot protein (RHS, pseudogene), putative	0,8736	0,00002346
TcCLB.508777.10	hypothetical protein, conserved	0,8728	1,582E-12
TcCLB.511693.30	hypothetical protein, conserved	0,8725	1,136E-19
TcCLB.511555.80	ribonucleoside-diphosphate reductase small chain, putative	0,8725	5,275E-09
TcCLB.510543.90	retrotransposon hot spot (RHS) protein, putative	0,8725	0,0007949
TcCLB.506751.90	trans-sialidase (pseudogene), putative	0,872	0,1174
TcCLB.510137.40	retrotransposon hot spot protein (RHS, pseudogene), putative	0,8719	1,881E-15
TcCLB.506887.69	dual specificity protein phosphatase, putative	0,8718	3,258E-09
TcCLB.510693.163	mucin-associated surface protein (MASP), putative	0,8713	0,0003345
TcCLB.507233.70	trans-sialidase (pseudogene), putative	0,871	1,663E-10
TcCLB.510377.220	mucin-associated surface protein (MASP, pseudogene), putative	0,8707	0,1063
TcCLB.508693.190	hypothetical protein, conserved	0,8706	3,506E-21
TcCLB.508285.10	retrotransposon hot spot (RHS) protein, putative	0,8706	0,00008605
TcCLB.511827.20	hypothetical protein, conserved	0,8703	1,396E-21
TcCLB.511219.60	retrotransposon hot spot protein (RHS, pseudogene), putative	0,8702	2,445E-06
TcCLB.510371.40	hypothetical protein	0,8701	0,1284
TcCLB.504491.10	hypothetical protein	0,8699	0,005655
TcCLB.506499.190	90 kDa surface protein, putative	0,8699	0,06365
TcCLB.443403.9	retrotransposon hot spot (RHS) protein, putative	0,8695	3,743E-08
TcCLB.507643.15	beta galactofuranosyl glycosyltransferase, putative (fragment)	0,8695	0,007298
TcCLB.509361.10	surface protease GP63 (pseudogene), putative	0,8692	0,2539
TcCLB.510309.10	hypothetical protein, conserved	0,8689	4,702E-09
TcCLB.509341.10	hypothetical protein, conserved	0,8686	2,002E-13
TcCLB.508781.60	hypothetical protein, conserved	0,8685	8,641E-07
TcCLB.503609.100	mucin TcMUCII, putative	0,8685	0,3444
TcCLB.508593.150	puromycin-sensitive aminopeptidase-like protein, putative	0,8683	1,234E-15
TcCLB.503579.20	hypothetical protein, conserved	0,8682	1,109E-10
TcCLB.506659.35	hypothetical protein, conserved	0,8682	0,0001054
TcCLB.508177.70	hypothetical protein	0,8674	4,027E-16
TcCLB.511019.13	retrotransposon hot spot (RHS) protein, putative (fragment)	0,8673	1,117E-11

TcCLB.504097.20	hypothetical protein, conserved	0,8672	1,231E-07
TcCLB.507429.70	mucin TcMUCII, putative	0,8668	0,000116
TcCLB.509733.185	hypothetical protein, conserved (pseudogene)	0,8662	7,864E-09
TcCLB.447899.10	trans-sialidase, putative	0,8662	0,2548
TcCLB.504125.120	hypothetical protein, conserved	0,8661	0,0000025
TcCLB.510101.30	60S ribosomal protein L28, putative	0,8657	1,847E-21
TcCLB.505993.30	trans-sialidase, Group VIII, putative	0,8656	0,00008078
TcCLB.509139.20	hypothetical protein, conserved	0,8653	1,546E-09
TcCLB.511411.24	hypothetical protein, conserved	0,8649	1,034E-06
TcCLB.510857.60	cation-transporting ATPase, putative	0,8648	3,01E-12
TcCLB.507063.340	mucin-associated surface protein (MASP), putative	0,8647	0,02274
TcCLB.508719.80	hypothetical protein, conserved	0,8646	7,845E-08
TcCLB.506867.30	hypothetical protein, conserved	0,8645	0,00008674
TcCLB.510483.290	hypothetical protein	0,8645	0,1477
TcCLB.509179.20	Macro domain containing protein, putative	0,8644	2,601E-12
TcCLB.506777.10	ATP-dependent DEAD/H RNA helicase, putative	0,8642	3,571E-10
TcCLB.504797.30	pseudouridylate synthase-like protein, putative	0,8641	4,134E-11
TcCLB.506145.20	hypothetical protein, conserved	0,864	1,925E-18
TcCLB.511249.20	ADP/ATP translocase, putative	0,864	2,908E-14
TcCLB.509331.90	AMPK subunit beta, putative (AMPKB)	0,864	2,645E-11
TcCLB.510101.300	hypothetical protein, conserved	0,8637	6,408E-28
TcCLB.507971.20	syntaxin binding protein (pseudogene), putative	0,8631	8,252E-16
TcCLB.511033.29	hypothetical protein	0,863	3,698E-09
TcCLB.511545.199	AMP deaminase, putative	0,8622	1,235E-07
TcCLB.503781.90	universal minicircle sequence binding protein 2, putative (l	0,8621	4,735E-15
TcCLB.510341.4	Monooxygenase, putative (fragment)	0,862	0,00001607
TcCLB.509367.15	tryptophanyl-tRNA synthetase (pseudogene), putative	0,8617	0,01335
TcCLB.506285.110	mucin-associated surface protein (MASP, pseudogene), pu	0,8616	0,1263
TcCLB.508011.99	mucin TcMUCII (pseudogene), putative	0,8616	0,2005
TcCLB.505699.20	retrotransposon hot spot protein (RHS, pseudogene), putat	0,8614	0,00007053
TcCLB.503891.120	dynein light chain, putative	0,8613	2,161E-06
TcCLB.510197.229	trans-sialidase, putative	0,8613	0,008964
TcCLB.508745.20	mucin-associated surface protein (MASP), putative	0,8613	0,01678
TcCLB.507691.61	trans-sialidase (pseudogene), putative	0,8612	0,0004143
TcCLB.507663.20	hypothetical protein, conserved	0,8611	1,379E-10
TcCLB.504769.160	dispersed gene family protein 1 (DGF-1), putative	0,8607	0,00002842
TcCLB.507965.10	receptor-type adenylate cyclase, putative	0,8604	1,147E-09
TcCLB.506885.80	hypothetical protein	0,8603	6,944E-11
TcCLB.509695.220	serine carboxypeptidase (CBP1), putative	0,8601	1,189E-13
TcCLB.511585.230	trans-sialidase, Group II, putative	0,8601	4,636E-07
TcCLB.510971.5	retrotransposon hot spot protein (RHS, pseudogene), putat	0,8596	1,863E-07
TcCLB.508995.50	hypothetical protein, conserved	0,8595	9,321E-06
TcCLB.511907.310	hypothetical protein, conserved	0,859	4,821E-17
TcCLB.510859.24	hypothetical protein, conserved	0,859	8,091E-14
TcCLB.480561.10	trans-sialidase, putative	0,8589	0,0002398

TcCLB.508789.60	mucin TcMUCII, putative	0,8586	0,008673
TcCLB.509203.40	glycosomal membrane protein, putative	0,8585	3,131E-26
TcCLB.510155.150	hypothetical protein, conserved	0,8585	1,054E-11
TcCLB.510033.22	surface protease GP63 (pseudogene), putative	0,8585	1,493E-06
TcCLB.503771.90	mucin-associated surface protein (MASP), putative	0,8585	0,1533
TcCLB.507081.40	hypothetical protein, conserved	0,8579	9,249E-09
TcCLB.511405.40	mucin TcMUCII (pseudogene), putative	0,8579	0,1261
TcCLB.506799.30	mucin-like glycoprotein, putative	0,8576	0,003058
TcCLB.506955.250	mucin TcMUCII, putative	0,8576	0,07348
TcCLB.510103.17	hypothetical protein, conserved	0,8573	2,373E-11
TcCLB.503977.15	surface protease GP63 (pseudogene), putative	0,8573	0,1859
TcCLB.510583.220	mucin TcMUCII, putative	0,8572	0,3359
TcCLB.507615.73	hypothetical protein, conserved	0,8571	2,639E-16
TcCLB.507589.14	tryptophanyl-tRNA synthetase, putative	0,8569	6,792E-34
TcCLB.509897.230	trans-sialidase (pseudogene), putative	0,8564	0,00001762
TcCLB.504883.60	hypothetical protein, conserved	0,8562	2,299E-21
TcCLB.507643.90	beta galactofuranosyl glycosyltransferase (pseudogene), putative	0,8561	3,975E-08
TcCLB.508999.220	calpain cysteine peptidase, putative	0,856	6,055E-10
TcCLB.503495.20	retrotransposon hot spot protein (RHS, pseudogene), putative	0,8559	0,002057
TcCLB.507981.51	trans-sialidase (pseudogene), putative	0,8554	0,0648
TcCLB.506245.250	trans-sialidase, Group V, putative	0,8551	0,02318
TcCLB.510741.140	hypothetical protein, conserved	0,8545	3,552E-11
TcCLB.509493.120	hypothetical protein	0,8545	0,0005254
TcCLB.504013.60	regulatory subunit of protein kinase a-like protein, putative	0,8544	1,682E-13
TcCLB.506725.70	hypothetical protein, conserved	0,854	1,177E-12
TcCLB.511135.30	hypothetical protein, conserved	0,8539	2,02E-08
TcCLB.507957.240	mucin-associated surface protein (MASP), putative	0,8539	0,2186
TcCLB.506775.40	hypothetical protein, conserved	0,8537	1,147E-11
TcCLB.507891.56	flagellar calcium-binding protein, putative (fragment)	0,853	6,153E-11
TcCLB.509747.104	hypothetical protein, conserved	0,8529	1,921E-08
TcCLB.506967.40	mucin TcMUCII, putative	0,8528	0,1583
TcCLB.511245.150	fatty acid elongase, putative	0,8524	3,324E-10
TcCLB.511431.54	hypothetical protein	0,8523	0,006642
TcCLB.504003.40	hypothetical protein, conserved	0,8522	1,585E-14
TcCLB.509019.10	trans-sialidase (pseudogene), putative	0,8518	2,662E-09
TcCLB.507737.20	hypothetical protein, conserved	0,8518	1,884E-08
TcCLB.508173.110	cysteine protease, putative	0,8516	3,092E-12
TcCLB.508045.40	hypothetical protein, conserved	0,8514	3,707E-12
TcCLB.507119.20	hypothetical protein, conserved (pseudogene)	0,8513	2,676E-12
TcCLB.510139.20	surface protease GP63, putative	0,851	0,0054
TcCLB.511903.190	STOP axonemal protein, putative	0,8508	1,312E-10
TcCLB.509439.10	retrotransposon hot spot protein (RHS, pseudogene), putative	0,8508	0,01004
TcCLB.510175.90	retrotransposon hot spot (RHS) protein, putative	0,85	1,229E-07
TcCLB.506401.120	40S ribosomal protein S9, putative	0,8499	3,387E-27
TcCLB.510755.70	hypothetical protein, conserved	0,8497	2,596E-08

TcCLB.507501.20	hypothetical protein, conserved	0,8496	0,07445
TcCLB.508567.30	hypothetical protein	0,8492	0,00004457
TcCLB.507975.70	retrotransposon hot spot protein (RHS, pseudogene), putat	0,8489	8,817E-14
TcCLB.504149.220	retrotransposon hot spot protein (RHS, pseudogene), putat	0,8488	1,334E-08
TcCLB.508219.140	retrotransposon hot spot protein (RHS, pseudogene), putat	0,8487	0,008961
TcCLB.507993.110	hypothetical protein, conserved	0,8486	3,377E-09
TcCLB.508173.170	protein kinase, putative	0,8484	2,421E-16
TcCLB.508973.20	hypothetical protein, conserved	0,848	1,04E-10
TcCLB.510855.40	proteasome regulatory non-ATPase subunit, putative	0,8479	2,527E-13
TcCLB.506797.50	hypothetical protein, conserved	0,8479	6,464E-13
TcCLB.507073.49	hypothetical protein, conserved	0,8477	9,356E-08
TcCLB.508115.20	trans-sialidase, putative	0,8476	0,2275
TcCLB.507517.60	ATPase subunit 9, putative	0,8473	2,579E-12
TcCLB.506227.20	hypothetical protein, conserved	0,8473	0,00001279
TcCLB.506321.130	mucin TcMUCII, putative	0,8472	0,09631
TcCLB.507765.40	hypothetical protein, conserved	0,8464	3,307E-11
TcCLB.511815.160	hypothetical protein, conserved	0,846	1,232E-17
TcCLB.506247.470	hypothetical protein, conserved	0,8456	8,831E-19
TcCLB.504797.50	hypothetical protein, conserved	0,8456	4,159E-13
TcCLB.430895.16	hypothetical protein, conserved (fragment)	0,8456	0,0007385
TcCLB.447483.4	Meckel syndrome type 1 protein, putative (fragment) (mks	0,8456	0,002002
TcCLB.503611.40	ribosomal protein L24, putative	0,8443	0,02552
TcCLB.508079.20	fatty acyl CoA syntetase 1 (pseudogene), putative	0,8438	1,204E-12
TcCLB.509331.50	ribosomal RNA methyltransferase, putative	0,8437	3,28E-08
TcCLB.510237.120	mucin-associated surface protein (MASP), putative	0,8437	0,01314
TcCLB.506951.90	trans-sialidase, Group IV, putative	0,8435	0,0007741
TcCLB.506559.350	asparaginyl-tRNA synthetase, putative	0,8434	4,282E-34
TcCLB.509295.10	dispersed gene family protein 1 (DGF-1), putative	0,8434	0,0006666
TcCLB.505401.19	dispersed gene family protein 1 (DGF-1), putative (fragme	0,8428	0,00004167
TcCLB.508891.30	hypothetical protein, conserved	0,8425	2,032E-18
TcCLB.511467.10	hypothetical protein, conserved	0,8421	7,615E-10
TcCLB.509765.60	retrotransposon hot spot protein (RHS, pseudogene), putat	0,8419	3,503E-09
TcCLB.510513.70	hypothetical protein, conserved	0,8418	1,723E-09
TcCLB.508231.174	hypothetical protein, conserved	0,8417	0,00004484
TcCLB.508443.20	heat shock protein-like protein, putative	0,8416	9,499E-08
TcCLB.506649.70	fructose-1,6-bisphosphatase, cytosolic, putative	0,8411	1,445E-13
TcCLB.506741.40	mucin TcMUCII (pseudogene), putative	0,8411	0,2302
TcCLB.504153.200	hypothetical protein, conserved	0,8409	1,23E-08
TcCLB.504147.340	hypothetical protein, conserved	0,8405	8,057E-17
TcCLB.511235.31	surface protease GP63, putative	0,8405	0,2782
TcCLB.510735.90	hypothetical protein, conserved	0,8403	1,639E-09
TcCLB.506595.110	AGP2beta-2, putative	0,8403	5,573E-08
TcCLB.506657.20	hypothetical protein, conserved	0,8402	1,377E-09
TcCLB.507849.80	hypothetical protein, conserved	0,8402	1,22E-07
TcCLB.511183.350	surface protease GP63 (pseudogene), putative	0,8401	0,08141



TcCLB.509207.150	kinesin, putative	0,8398	8,218E-23
TcCLB.509857.30	hypothetical protein, conserved	0,8394	9,627E-08
TcCLB.509407.10	hypothetical protein	0,8388	0,004402
TcCLB.511825.210	dephospho-CoA kinase, putative	0,8382	4,528E-08
TcCLB.511839.30	mucin-associated surface protein (MASP), putative	0,8381	0,09624
TcCLB.511213.89	dispersed gene family protein 1 (DGF-1), putative (fragme	0,8379	0,00795
TcCLB.507509.80	hypothetical protein, conserved	0,8377	1,427E-12
TcCLB.509671.189	hypothetical protein, conserved	0,8376	5,432E-07
TcCLB.508707.10	amino acid transporter, putative	0,8374	0,003238
TcCLB.511395.14	hypothetical protein, conserved	0,8372	0,0001878
TcCLB.508505.4	hypothetical protein, conserved	0,8371	0,0001002
TcCLB.509811.9	surface protease GP63, putative	0,8367	0,00834
TcCLB.504153.140	metallo-peptidase, Clan MF, Family M17	0,8366	1,82E-19
TcCLB.509647.130	hypothetical protein, conserved	0,8366	5,322E-10
TcCLB.509175.9	hypothetical protein, conserved	0,8366	0,02212
TcCLB.511817.90	hypothetical protein, conserved	0,8365	6,344E-08
TcCLB.503617.10	protein kinase, putative	0,8361	1,877E-16
TcCLB.507889.10	transaldolase, putative	0,8358	6,309E-12
TcCLB.509211.30	serine/threonine protein phosphatase, putative	0,8356	1,511E-08
TcCLB.509695.130	dynein arm light chain, putative	0,8355	6,077E-08
TcCLB.507223.10	dynein heavy chain, cytosolic, putative	0,8352	0,002648
TcCLB.511871.110	hypothetical protein, conserved	0,835	5,919E-11
TcCLB.507959.280	mucin-associated surface protein (MASP), putative	0,8348	0,003894
TcCLB.508555.34	hypothetical protein, conserved	0,8347	0,0003295
TcCLB.509707.29	phosphatidylinositol-4-phosphate 5-kinase-like protein	0,8345	0,001269
TcCLB.509649.40	hypothetical protein	0,8344	3,485E-13
TcCLB.508887.5	trans-sialidase, putative	0,8344	0,2599
TcCLB.507711.130	hypothetical protein, conserved	0,8343	0,0001159
TcCLB.511183.270	mucin TcMUCII (pseudogene), putative	0,834	0,1635
TcCLB.508163.380	trans-sialidase (pseudogene), putative	0,8338	0,1291
TcCLB.508625.160	pumilio/PUF RNA binding protein 1, putative (PUF1)	0,8335	1,862E-14
TcCLB.509165.34	ribosomal P protein AGP2beta-1, putative	0,8335	3,774E-08
TcCLB.510715.140	mucin-associated surface protein (MASP, pseudogene), pu	0,8332	0,04864
TcCLB.506287.9	hypothetical protein, conserved	0,8331	1,248E-07
TcCLB.508397.70	transporter, putative	0,833	8,309E-08
TcCLB.408445.10	trans-sialidase, putative (fragment)	0,8329	0,09555
TcCLB.509151.130	deoxyuridine triphosphatase, putative	0,8328	3,474E-17
TcCLB.508465.90	galactokinase, putative	0,8326	2,876E-13
TcCLB.510603.80	protein tyrosine phosphatase-like protein, putative	0,8324	1,195E-08
TcCLB.507611.110	retrotransposon hot spot (RHS) protein, putative	0,8324	5,586E-07
TcCLB.505193.80	hypothetical protein, conserved	0,8315	1,826E-09
TcCLB.511817.220	kinesin, putative	0,8314	1,354E-16
TcCLB.507089.240	hypothetical protein, conserved	0,831	7,953E-07
TcCLB.424795.10	hypothetical protein, conserved	0,8306	2,234E-07
TcCLB.508277.40	divalent cation transporter, putative	0,8305	5,808E-28

TcCLB.510021.200	mucin TcMUCII, putative	0,8299	0,3201
TcCLB.508253.10	mucin-associated surface protein (MASP), putative	0,8298	0,0001687
TcCLB.507051.11	trans-sialidase, putative (fragment)	0,8296	0,102
TcCLB.510357.140	hypothetical protein, conserved	0,8294	0,00005621
TcCLB.510491.70	hypothetical protein	0,8289	0,0005951
TcCLB.506181.10	hypothetical protein, conserved	0,8288	3,707E-08
TcCLB.506595.90	damage-specific DNA binding protein (pseudogene), putative	0,8287	1,12E-12
TcCLB.506173.80	hypothetical protein	0,8287	0,1935
TcCLB.511395.120	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, putative	0,8286	0,001568
TcCLB.506435.420	hypothetical protein, conserved	0,8283	0,00001316
TcCLB.510025.210	mucin TcMUCII, putative	0,828	0,194
TcCLB.506759.80	mucin-associated surface protein (MASP), putative	0,8276	0,1401
TcCLB.506271.20	N-acetyltransferase complex ARD1 subunit (pseudogene),	0,8276	0,1587
TcCLB.509365.11	tryptophanyl-tRNA synthetase (pseudogene), putative	0,8275	0,001877
TcCLB.506173.200	retrotransposon hot spot protein (RHS, pseudogene), putative	0,8273	0,0001704
TcCLB.508153.1000	hypothetical protein, conserved	0,8271	1,993E-06
TcCLB.509753.300	mucin TcMUCII, putative	0,8271	0,3374
TcCLB.506511.40	hypothetical protein, conserved	0,8269	2,594E-09
TcCLB.511285.30	hypothetical protein, conserved	0,8268	2,105E-09
TcCLB.506593.19	ribosomal protein S7, putative	0,8266	6,103E-29
TcCLB.508093.29	hypothetical protein, conserved (pseudogene)	0,8263	0,04831
TcCLB.511523.20	hypothetical protein, conserved	0,8255	7,313E-08
TcCLB.506589.80	surface protease GP63 (pseudogene), putative	0,8253	0,133
TcCLB.511525.20	hypothetical protein, conserved	0,825	3,192E-15
TcCLB.507603.90	hypothetical protein	0,8249	6,356E-11
TcCLB.454787.20	elongation factor 1-gamma (EF-1-gamma, pseudogene), putative	0,8249	0,129
TcCLB.510469.10	mucin-associated surface protein (MASP), putative	0,8248	0,3163
TcCLB.511809.110	hypothetical protein, conserved	0,8247	1,739E-14
TcCLB.509905.200	trans-sialidase, Group II, putative	0,8247	1,154E-13
TcCLB.506201.80	serine/threonine-protein phosphatase PP1, putative	0,8246	0,006001
TcCLB.510717.10	surface antigen TASV, putative	0,8242	5,455E-11
TcCLB.506427.10	trans-sialidase, Group VIII, putative	0,8235	0,01949
TcCLB.509979.20	hypothetical protein, conserved	0,8231	4,235E-10
TcCLB.510311.90	quinone oxidoreductase, putative	0,823	2,465E-19
TcCLB.510279.130	mucin TcMUCII, putative	0,823	0,1803
TcCLB.511847.30	hypothetical protein, conserved	0,8225	2,42E-08
TcCLB.504787.40	trans-sialidase, Group V, putative	0,8225	0,04661
TcCLB.506737.161	mucin TcMUCI, putative	0,8222	0,002443
TcCLB.508221.284	retrotransposon hot spot protein (RHS, pseudogene), putative	0,8222	0,03921
TcCLB.506667.30	90 kDa surface protein, putative	0,822	0,009023
TcCLB.510439.50	hypothetical protein, conserved	0,8219	4,526E-11
TcCLB.510947.40	agmatinase, putative	0,8218	3,09E-08
TcCLB.505207.20	beta galactofuranosyl glycosyltransferase, putative	0,8218	0,002014
TcCLB.509419.190	mucin-associated surface protein (MASP, pseudogene), putative	0,8218	0,3504
TcCLB.510719.60	Biotin--acetyl-CoA-carboxylase ligase, putative	0,8216	1,131E-09

TcCLB.504013.40	serine acetyltransferase, putative (SAT)	0,8212	8,646E-11
TcCLB.506767.40	mucin-associated surface protein (MASP), putative	0,8211	0,04238
TcCLB.506757.20	hypothetical protein, conserved	0,8207	4,006E-09
TcCLB.510101.190	hypothetical protein, conserved	0,8206	1,078E-08
TcCLB.510731.59	dual specificity protein phosphatase, putative	0,8206	2,089E-07
TcCLB.510609.70	protein kinase, putative	0,8205	2,866E-16
TcCLB.511819.30	hypothetical protein, conserved	0,8199	1,72E-07
TcCLB.510945.50	hypothetical protein, conserved	0,8198	9,282E-18
TcCLB.509225.30	trans-sialidase (pseudogene), putative	0,8198	2,123E-08
TcCLB.511807.33	expression site-associated gene (ESAG-like) protein, putative	0,8195	2,924E-10
TcCLB.510359.420	mucin-associated surface protein (MASP, pseudogene), putative	0,8193	0,001298
TcCLB.508473.10	retrotransposon hot spot (RHS) protein, putative	0,8192	2,539E-16
TcCLB.511817.30	hypothetical protein, conserved	0,8189	0,0000147
TcCLB.509207.120	hypothetical protein, conserved	0,8187	7,787E-19
TcCLB.509801.20	hypothetical protein, conserved	0,8186	3,251E-09
TcCLB.506451.50	trans-sialidase (pseudogene), putative	0,8183	0,06876
TcCLB.504233.4	trifunctional enzyme alpha subunit, mitochondrial precursor	0,8182	0,08134
TcCLB.509331.80	hypothetical protein, conserved	0,8181	8,953E-08
TcCLB.506951.30	trans-sialidase (pseudogene), putative	0,8181	0,01976
TcCLB.507603.140	leucine-rich repeat protein (LRRP), putative	0,8179	1,553E-10
TcCLB.506697.80	Present in the outer mitochondrial membrane proteome 2	0,8178	9,815E-07
TcCLB.509029.40	hypothetical protein, conserved	0,8176	1,213E-12
TcCLB.504137.80	adenylyl cyclase-associated protein, putative	0,8176	1,035E-10
TcCLB.509879.40	fumarate hydratase, putative	0,8176	1,129E-08
TcCLB.510309.40	60S acidic ribosomal protein P2, putative	0,8172	0,0000613
TcCLB.507245.10	retrotransposon hot spot protein (RHS, pseudogene), putative	0,8168	5,324E-07
TcCLB.508539.160	mucin-associated surface protein (MASP), putative	0,8163	0,01775
TcCLB.508493.50	mucin-associated surface protein (MASP, pseudogene), putative	0,8163	0,02226
TcCLB.511647.70	hypothetical protein, conserved	0,8161	5,454E-09
TcCLB.503957.10	trans-sialidase, putative	0,8158	0,0002354
TcCLB.511285.40	hypothetical protein, conserved	0,8152	3,285E-08
TcCLB.506343.30	retrotransposon hot spot protein (RHS, pseudogene), putative	0,8151	1,044E-15
TcCLB.505365.60	trans-sialidase, Group VIII, putative	0,815	0,3279
TcCLB.505843.10	glutamate dehydrogenase, putative	0,8149	2,014E-17
TcCLB.509211.10	hypothetical protein, conserved	0,8148	1,31E-09
TcCLB.510303.204	hypothetical protein, conserved	0,8147	7,53E-11
TcCLB.506401.80	hypothetical protein, conserved	0,8144	1,109E-18
TcCLB.510533.50	hypothetical protein, conserved	0,8143	0,0001812
TcCLB.510729.230	hypothetical protein, conserved	0,8142	7,768E-13
TcCLB.506485.60	hypothetical protein, conserved	0,814	6,416E-13
TcCLB.510373.70	mucin TcMUCII, putative	0,814	0,3433
TcCLB.506281.50	mucin TcMUCII, putative	0,8139	0,00171
TcCLB.507251.30	hypothetical protein, conserved	0,8138	1,217E-12
TcCLB.506529.260	chaperone DNAJ protein, putative	0,8137	4,262E-11
TcCLB.509905.10	trans-sialidase (pseudogene), putative	0,8137	7,795E-09

TcCLB.505165.10	RNA-binding protein, putative	0,8134	0,1469
TcCLB.510039.60	hypothetical protein, conserved	0,8133	2,832E-18
TcCLB.506649.4	hypothetical protein, conserved	0,8132	0,00006246
TcCLB.507167.259	trans-sialidase (pseudogene), putative	0,8132	0,02034
TcCLB.511817.190	hypothetical protein, conserved	0,8129	1,316E-10
TcCLB.506963.70	hypothetical protein, conserved	0,8127	3,592E-07
TcCLB.509601.70	vacuolar proton translocating ATPase subunit A, putative (\	0,8126	4,026E-17
TcCLB.510861.70	hypothetical protein, conserved	0,8123	9,844E-09
TcCLB.478463.10	hypothetical protein	0,8123	0,4678
TcCLB.507501.10	retrotransposon hot spot (RHS) protein, putative	0,8121	1,994E-51
TcCLB.510945.60	hypothetical protein, conserved	0,8116	1,047E-14
TcCLB.507755.10	hypothetical protein	0,8116	1,347E-07
TcCLB.506773.70	transcription modulator/accessory protein, putative	0,8106	5,145E-19
TcCLB.509997.20	tryparedoxin 2, putative (TXN2)	0,8103	9,608E-12
TcCLB.511303.64	hypothetical protein, conserved	0,8102	2,262E-10
TcCLB.506593.40	hypothetical protein, conserved	0,8102	7,337E-08
TcCLB.511259.80	mucin TcMUCII, putative	0,8101	0,1133
TcCLB.511727.250	hypothetical protein, conserved	0,81	4,633E-17
TcCLB.510101.290	hypothetical protein, conserved	0,8096	3,308E-29
TcCLB.503609.60	mucin-associated surface protein (MASP), putative	0,8093	0,1144
TcCLB.504339.10	hypothetical protein, conserved	0,8092	0,008848
TcCLB.509149.20	zinc finger protein family member, putative (POMP35)	0,809	3,301E-08
TcCLB.510101.410	hypothetical protein, conserved	0,8087	3,465E-12
TcCLB.507641.250	hypothetical protein	0,8087	0,0000083
TcCLB.505333.30	hypothetical protein, conserved (pseudogene)	0,8086	0,03716
TcCLB.506245.210	mucin TcMUCII, putative	0,8083	0,1138
TcCLB.505763.10	proton motive ATPase 1, putative	0,8082	4,482E-34
TcCLB.504149.190	hypothetical protein, conserved (pseudogene)	0,8081	1,452E-16
TcCLB.506779.44	hypothetical protein, conserved	0,8081	0,0004679
TcCLB.509525.220	mucin TcMUCII, putative	0,8081	0,4003
TcCLB.508999.120	trans-sialidase (pseudogene), putative	0,8079	0,03661
TcCLB.504057.150	hypothetical protein, conserved	0,8076	1,814E-10
TcCLB.507275.50	hypothetical protein, conserved	0,8076	3,866E-10
TcCLB.507085.60	mucin TcMUCII, putative	0,8072	0,02007
TcCLB.506863.20	hypothetical protein	0,8071	0,0000013
TcCLB.510533.70	protein kinase, putative	0,807	6,016E-07
TcCLB.510643.140	60S acidic ribosomal protein P2, putative	0,8066	5,849E-16
TcCLB.511393.79	hypothetical protein, conserved	0,8066	2,62E-07
TcCLB.508641.240	hypothetical protein, conserved	0,8065	1,972E-08
TcCLB.506499.220	90 kDa surface protein, putative	0,8064	0,06201
TcCLB.510303.210	2,4-dienoyl-coa reductase-like protein, putative	0,8063	2,728E-23
TcCLB.506331.50	trans-sialidase (pseudogene), putative	0,8062	0,03394
TcCLB.506529.508	glucose-6-phosphate isomerase, glycosomal, putative	0,8061	3,354E-18
TcCLB.509905.170	trans-sialidase, Group VIII, putative	0,8058	0,0001189
TcCLB.509943.11	cAMP specific phosphodiesterase, putative	0,8057	0,0612

TcCLB.503665.40	surface protease GP63 (pseudogene), putative	0,8056	0,002532
TcCLB.506243.94	retrotransposon hot spot protein (RHS, pseudogene), putat	0,8055	0,00004179
TcCLB.506999.100	hypothetical protein, conserved	0,8046	0,00000736
TcCLB.505955.30	surface protease GP63 (pseudogene), putative	0,8041	0,008589
TcCLB.510621.60	mucin-associated surface protein (MASP), putative	0,8039	0,1838
TcCLB.508017.20	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase (p:	0,8037	0,02741
TcCLB.508389.70	trans-sialidase (pseudogene), putative	0,8036	0,03481
TcCLB.504081.141	syntaxin binding protein (pseudogene), putative	0,8034	0,1484
TcCLB.504109.160	electron transfer flavoprotein, putative	0,803	1,018E-18
TcCLB.511773.10	retrotransposon hot spot protein (RHS, pseudogene), putat	0,803	7,47E-08
TcCLB.504425.10	trans-sialidase, Group III, putative	0,8029	8,078E-08
TcCLB.510889.4	hypothetical protein, conserved	0,8029	0,07455
TcCLB.503613.30	DNA repair protein, putative	0,8025	4,198E-08
TcCLB.510347.60	protein kinase, putative	0,8022	1,838E-08
TcCLB.510939.25	mucin TcMUCI, putative	0,8021	0,02787
TcCLB.507085.80	trans-sialidase (pseudogene), putative	0,8019	9,074E-06
TcCLB.508043.40	kinesin, putative	0,8014	1,617E-14
TcCLB.506813.130	beta galactofuranosyl glycosyltransferase (pseudogene), pi	0,8014	0,1536
TcCLB.507669.230	hypothetical protein, conserved	0,8013	1,336E-15
TcCLB.508231.190	ABC transporter, putative	0,8013	2,109E-12
TcCLB.508799.130	hypothetical protein, conserved	0,8009	6,108E-16
TcCLB.507009.10	Gim5A protein, putative	0,8009	8,043E-08
TcCLB.506015.20	surface protease GP63, putative	0,8009	0,00003877
TcCLB.506813.5	hypothetical protein	0,8009	0,02491
TcCLB.506741.150	surface protease GP63 (pseudogene), putative	0,8009	0,3388
TcCLB.507625.99	gamma-glutamylcysteine synthetase, putative	0,8003	1,656E-12
TcCLB.508163.280	mucin TcMUCII, putative	0,8003	0,1584
TcCLB.506753.15	dispersed gene family protein 1 (DGF-1, pseudogene), putat	0,8002	0,4988
TcCLB.509207.140	hypothetical protein, conserved	0,8	1,139E-13
TcCLB.506885.413	glyceraldehyde-3-phosphate dehydrogenase, putative	0,7999	3,851E-08
TcCLB.506289.94	mucin-like glycoprotein, putative	0,7999	0,03908
TcCLB.505025.30	mucin TcMUCII, putative	0,7996	0,1622
TcCLB.507093.160	hypothetical protein, conserved	0,7995	1,892E-09
TcCLB.507079.20	dynein heavy chain, cytosolic, putative	0,7995	5,331E-08
TcCLB.506769.90	surface protease GP63, putative	0,7992	0,09597
TcCLB.511567.20	retrotransposon hot spot protein (RHS, pseudogene), putat	0,799	0,001815
TcCLB.506825.120	hypothetical protein, conserved	0,7986	7,093E-24
TcCLB.506123.60	hypothetical protein, conserved	0,7986	4,464E-08
TcCLB.507857.60	Dynein intermediate chain 1, axonemal (DNAI1)	0,7985	1,229E-08
TcCLB.507307.30	peptidylprolyl isomerase (pseudogene), putative	0,7982	0,2361
TcCLB.506853.70	hypothetical protein, conserved	0,7981	5,321E-09
TcCLB.510927.20	trans-sialidase (pseudogene), putative	0,7979	0,0001541
TcCLB.505007.10	RNA-binding protein, putative	0,7978	0,00001903
TcCLB.506885.40	hypothetical protein, conserved	0,7968	1,222E-11
TcCLB.511259.130	mucin TcMUCII, putative	0,7965	0,06831

TcCLB.509875.140	retrotransposon hot spot protein (RHS, pseudogene), putat	0,7965	0,08158
TcCLB.421619.10	hypothetical protein	0,7964	9,241E-11
TcCLB.506351.20	hypothetical protein, conserved	0,7961	5,501E-06
TcCLB.511531.50	glucosamine-6-phosphate isomerase, putative	0,7959	4,143E-18
TcCLB.505945.69	hypothetical protein, conserved	0,7953	0,002619
TcCLB.509733.40	hypothetical protein, conserved	0,7948	3,603E-09
TcCLB.506363.70	amidohydrolase, putative	0,7942	0,00001527
TcCLB.504579.20	trans-sialidase (pseudogene), putative	0,7941	1,058E-07
TcCLB.509549.140	trans-sialidase, putative	0,794	0,0003032
TcCLB.504255.20	hypothetical protein	0,7934	1,55E-12
TcCLB.506763.50	mucin-associated surface protein (MASP), putative	0,7931	0,1384
TcCLB.503447.50	trans-sialidase, Group IV, putative	0,7929	0,003961
TcCLB.503417.50	hypothetical protein	0,7929	0,01418
TcCLB.507221.50	hypothetical protein, conserved	0,7928	8,372E-06
TcCLB.510197.210	mucin TcMUCII, putative	0,7927	0,1512
TcCLB.506869.54	hypothetical protein, conserved	0,7926	4,079E-06
TcCLB.509461.30	hypothetical protein, conserved	0,7925	1,32E-09
TcCLB.509725.126	N-acetyltransferase complex ARD1 subunit (pseudogene),	0,7922	0,04111
TcCLB.511101.19	retrotransposon hot spot (RHS) protein, putative	0,792	0,00008483
TcCLB.510693.176	mucin TcMUC (pseudogene), putative	0,7918	0,02846
TcCLB.507473.10	hypothetical protein	0,7915	1,346E-13
TcCLB.506337.100	surface antigen TASV, putative	0,7915	1,419E-10
TcCLB.510089.100	hypothetical protein	0,7909	4,167E-08
TcCLB.510275.405	hypothetical protein	0,7908	0,05632
TcCLB.509153.60	lipin, putative	0,7907	1,971E-15
TcCLB.510207.10	mucin TcMUCII, putative	0,7907	0,1912
TcCLB.504153.120	hypothetical protein, conserved	0,7905	1,718E-20
TcCLB.511819.10	hypothetical protein, conserved	0,7904	3,901E-10
TcCLB.506623.20	trans-sialidase (pseudogene), putative	0,7904	0,05831
TcCLB.509225.11	trans-sialidase, putative	0,7903	0,09994
TcCLB.510187.520	hypothetical protein, conserved	0,7901	3,878E-08
TcCLB.507777.30	retrotransposon hot spot protein (RHS, pseudogene), putat	0,7899	5,016E-08
TcCLB.452699.10	retrotransposon hot spot protein (RHS, pseudogene), putat	0,7899	1,608E-06
TcCLB.507811.40	hypothetical protein, conserved	0,7898	9,631E-13
TcCLB.511257.110	mucin-like glycoprotein, putative	0,7898	0,04764
TcCLB.508859.40	leucine-rich repeat protein (LRRP), putative	0,7895	7,225E-07
TcCLB.506223.20	hypothetical protein, conserved	0,7894	0,00002259
TcCLB.413293.20	hypothetical protein	0,7894	0,1336
TcCLB.510719.210	hypothetical protein, conserved	0,7891	1,371E-08
TcCLB.504213.90	inositol polyphosphate kinase-like protein, putative	0,789	0,06403
TcCLB.509531.10	trans-sialidase, putative (fragment)	0,7889	0,08377
TcCLB.511809.99	40S ribosomal protein S15, putative	0,7888	3,341E-08
TcCLB.506227.205	hypothetical protein, conserved	0,7888	0,00003147
TcCLB.509223.60	beta galactofuranosyl glycosyltransferase, putative	0,7888	0,005011
TcCLB.511277.110	citrate synthase, putative	0,7887	0,08069

TcCLB.508277.310	hypothetical protein	0,7882	7,235E-06
TcCLB.508561.10	dispersed gene family protein 1 (DGF-1), putative	0,7882	0,02405
TcCLB.508789.100	trans-sialidase (pseudogene), putative	0,7882	0,05544
TcCLB.504105.100	hypothetical protein	0,788	6,219E-10
TcCLB.509331.110	hypothetical protein, conserved	0,7878	9,955E-13
TcCLB.510187.120	hypothetical protein, conserved	0,7878	5,712E-09
TcCLB.503635.10	protein kinase, putative	0,7872	8,316E-13
TcCLB.505655.20	hypothetical protein	0,7872	0,07703
TcCLB.506825.30	hypothetical protein, conserved	0,7869	5,994E-11
TcCLB.504185.30	hypothetical protein, conserved	0,7865	2,144E-06
TcCLB.503685.5	RNA-binding protein, putative (fragment)	0,7859	0,1605
TcCLB.506519.60	Protein kinase domain, putative	0,7858	1,207E-07
TcCLB.504797.40	thioredoxin, putative	0,7855	4,313E-07
TcCLB.511537.69	hypothetical protein, conserved	0,7854	1,383E-13
TcCLB.510337.20	calpain-like cysteine peptidase, putative	0,7847	3,856E-06
TcCLB.503837.30	hypothetical protein, conserved	0,7844	0,00000661
TcCLB.503831.20	oxidoreductase, putative	0,7842	0,00001823
TcCLB.507957.229	mucin TcMUCII, putative	0,7842	0,08436
TcCLB.508929.10	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, pu	0,7841	0,003552
TcCLB.504247.50	hypothetical protein, conserved	0,784	0,00000227
TcCLB.511641.10	hypothetical protein, conserved	0,7832	0,00001084
TcCLB.508045.10	hypothetical protein, conserved	0,7831	3,488E-11
TcCLB.504643.30	ubiquitin-conjugating enzyme E2, putative	0,7825	5,12E-14
TcCLB.506057.20	retrotransposon hot spot protein (RHS, pseudogene), putat	0,7824	0,0001104
TcCLB.511649.94	hypothetical protein, conserved	0,7823	2,774E-07
TcCLB.506321.10	mucin TcMUCII, putative	0,7823	0,1065
TcCLB.510503.50	trans-sialidase, Group V, putative	0,7821	0,001265
TcCLB.503665.30	mucin-associated surface protein (MASP), putative	0,7821	0,04083
TcCLB.511517.130	hypothetical protein, conserved	0,782	7,427E-12
TcCLB.511649.50	hypothetical protein, conserved	0,782	1,707E-07
TcCLB.510431.30	amino acid permease, putative	0,7819	8,392E-09
TcCLB.510719.74	hypothetical protein, conserved	0,7819	6,887E-06
TcCLB.504231.5	hypothetical protein, conserved (pseudogene)	0,7818	0,01396
TcCLB.510421.180	casein kinase I, putative	0,7817	2,412E-06
TcCLB.510203.19	surface protease GP63 (pseudogene), putative	0,7817	0,1902
TcCLB.506829.30	hypothetical protein, conserved	0,7814	0,00007205
TcCLB.503747.30	hypothetical protein	0,781	0,0004637
TcCLB.511277.100	hypothetical protein, conserved	0,7809	2,852E-06
TcCLB.508175.220	hypothetical protein, conserved	0,7804	4,833E-11
TcCLB.508543.90	plasma membrane Ca <sup>2+</sup> ATPase	0,7803	7,436E-15
TcCLB.506925.64	hypothetical protein, conserved	0,7801	1,16E-13
TcCLB.510497.114	mucin-associated surface protein (MASP, pseudogene), pu	0,7801	0,2685
TcCLB.509233.160	alpha-tubulin N-acetyltransferase, putative	0,78	7,377E-07
TcCLB.510135.10	retrotransposon hot spot protein (RHS, pseudogene), putat	0,7798	0,00003352
TcCLB.504217.19	mitochondrial carrier protein, putative	0,7795	1,358E-06

TcCLB.511427.19	conserved protein, unknown function (fragment)	0,7795	0,07063
TcCLB.508221.490	mucin-associated surface protein (MASP), putative	0,7794	0,3869
TcCLB.507237.60	surface protease GP63 (pseudogene), putative	0,7787	0,01182
TcCLB.511315.56	hypothetical protein, conserved	0,7787	0,05332
TcCLB.507881.20	retrotransposon hot spot (RHS) protein, putative	0,7783	1,22E-10
TcCLB.510879.190	hypothetical protein, conserved	0,7781	8,496E-08
TcCLB.506357.120	ethanolamine phosphotransferase, putative	0,7781	4,005E-07
TcCLB.511771.10	retrotransposon hot spot protein (RHS, pseudogene), putative	0,7779	1,481E-10
TcCLB.507849.70	hypothetical protein	0,7778	1,235E-16
TcCLB.510679.30	metal-ion transporter, putative	0,7778	6,219E-12
TcCLB.427247.10	serine/threonine protein kinase, putative	0,7778	0,02329
TcCLB.506671.10	mucin-associated surface protein (MASP), putative	0,7778	0,0597
TcCLB.506421.10	retrotransposon hot spot (RHS) protein, putative	0,7776	2,867E-18
TcCLB.510375.10	mucin-associated surface protein (MASP), putative	0,7776	0,207
TcCLB.506695.40	hypothetical protein, conserved	0,7775	5,542E-06
TcCLB.511877.10	surface antigen TASV-B2 (TASV-B2)	0,7773	0,0004472
TcCLB.506035.4	trans-sialidase, putative (fragment)	0,7773	0,002561
TcCLB.509233.60	hypothetical protein, conserved	0,7771	1,603E-12
TcCLB.508041.10	SKP1-like protein	0,7769	0,00554
TcCLB.509551.20	Putrescine-cadaverine transporter 1, putative (POT1.2)	0,7766	8,422E-12
TcCLB.504423.20	electron transport protein SCO1/SCO2, putative	0,7765	1,15E-11
TcCLB.503925.3	hypothetical protein, conserved	0,7764	0,00007053
TcCLB.510571.39	actin 2, putative (fragment)	0,7762	2,475E-07
TcCLB.413133.10	mucin TcMUCII (pseudogene), putative	0,7762	0,05679
TcCLB.509157.80	DnaJ homolog, putative	0,7759	9,873E-07
TcCLB.511321.40	hypothetical protein, conserved	0,7757	3,447E-10
TcCLB.511393.88	hypothetical protein, conserved (fragment)	0,7755	3,297E-10
TcCLB.507547.9	mucin TcMUCI, putative	0,7753	0,0001531
TcCLB.509933.20	hypothetical protein, conserved	0,7746	6,053E-08
TcCLB.509231.10	cytochrome P450, putative	0,7745	4,449E-13
TcCLB.461515.10	mucin TcMUCI, putative (fragment)	0,7742	1,528E-09
TcCLB.511655.60	hypothetical protein, conserved	0,7735	0,0007979
TcCLB.511395.90	serine/threonine protein kinase, putative	0,7732	1,594E-09
TcCLB.508157.50	trans-sialidase, putative	0,7732	0,0005791
TcCLB.510275.50	mucin TcMUCII, putative	0,7729	0,128
TcCLB.510349.90	Lys-63-specific deubiquitinase BRCC36, putative	0,7724	8,286E-08
TcCLB.506559.30	hypothetical protein, conserved	0,7724	3,624E-07
TcCLB.509029.140	hypothetical protein, conserved	0,7723	5,077E-09
TcCLB.507221.30	hypothetical protein, conserved	0,7723	0,00003168
TcCLB.422921.10	hypothetical protein, conserved	0,7722	0,0003959
TcCLB.510047.100	mucin-associated surface protein (MASP, pseudogene), putative	0,7722	0,02949
TcCLB.510303.140	surface protease GP63, putative	0,772	3,164E-12
TcCLB.422867.10	trans-sialidase, Group II, putative	0,772	0,007265
TcCLB.510101.200	zinc finger cchc and cchc domain-containing protein	0,7719	1,753E-12
TcCLB.507095.10	hypothetical protein (fragment)	0,7719	0,005398



TcCLB.508665.14	heat shock protein, putative	0,7716	1,518E-17
TcCLB.510963.50	6-phosphofructo-2-kinase/fructose-2,6-bisphosphatas, putative	0,7716	3,555E-09
TcCLB.508895.40	hypothetical protein, conserved	0,7713	4,904E-08
TcCLB.509227.10	mucin TcMUCI, putative	0,7712	0,02109
TcCLB.507957.50	mucin TcMUCII, putative	0,7708	0,1035
TcCLB.510791.60	mucin-associated surface protein (MASP, pseudogene), putative	0,7707	0,001864
TcCLB.503423.5	retrotransposon hot spot (RHS) protein, putative (fragment)	0,7707	0,1487
TcCLB.509753.110	mucin TcMUCII, putative	0,7707	0,2974
TcCLB.506713.70	retrotransposon hot spot protein (RHS, pseudogene), putative	0,77	2,299E-08
TcCLB.510661.129	hypothetical protein, conserved	0,7692	2,167E-06
TcCLB.510345.30	hypothetical protein	0,7692	0,001523
TcCLB.508023.120	hypothetical protein, conserved (pseudogene)	0,7691	1,263E-13
TcCLB.507229.29	dispersed gene family protein 1 (DGF-1), putative	0,7691	0,09847
TcCLB.504249.111	mucin-associated surface protein (MASP), putative	0,769	0,07296
TcCLB.508503.70	hypothetical protein, conserved	0,7689	1,708E-08
TcCLB.506191.20	retrotransposon hot spot protein (RHS, pseudogene), putative	0,7684	0,0000296
TcCLB.510155.190	hypothetical protein, conserved	0,7682	5,85E-10
TcCLB.511693.90	electron-transfer-flavoprotein, alpha polypeptide, putative	0,7681	4,018E-14
TcCLB.506535.10	retrotransposon hot spot (RHS) protein, putative (fragment)	0,7679	5,599E-06
TcCLB.485335.10	retrotransposon hot spot protein (RHS, pseudogene), putative	0,7676	0,0002157
TcCLB.505163.50	hypothetical protein	0,7676	0,09389
TcCLB.511767.30	retrotransposon hot spot protein (RHS, pseudogene), putative	0,7671	1,287E-09
TcCLB.509897.250	retrotransposon hot spot protein (RHS, pseudogene), putative	0,766	5,917E-06
TcCLB.506743.110	protein tyrosine phosphatase, putative	0,7658	0,00004093
TcCLB.508047.80	mucin TcMUCII (pseudogene), putative	0,7658	0,08104
TcCLB.507253.70	N-acetyltransferase complex ARD1 subunit (pseudogene), putative	0,7658	0,2271
TcCLB.508547.201	ubiquitin-protein ligase, putative (fragment)	0,7653	0,009148
TcCLB.511401.40	mucin-associated surface protein (MASP, pseudogene), putative	0,7653	0,0198
TcCLB.508869.59	mucin-associated surface protein (MASP), putative	0,7649	0,2705
TcCLB.511577.120	hypothetical protein, conserved	0,7645	2,335E-06
TcCLB.508383.10	Present in the outer mitochondrial membrane proteome 3	0,7643	0,0001649
TcCLB.506525.162	hypothetical protein, conserved	0,7641	0,002312
TcCLB.508563.20	trans-sialidase, Group II, putative	0,764	0,003241
TcCLB.509099.140	hypothetical protein, conserved	0,7638	0,00001439
TcCLB.509337.15	hypothetical protein, conserved	0,7633	3,313E-12
TcCLB.503681.20	ethanolamine phosphotransferase, putative	0,7632	5,14E-08
TcCLB.511823.79	hypothetical protein, conserved	0,7632	2,514E-06
TcCLB.508707.310	leucine rich repeat protein, putative	0,7631	8,85E-20
TcCLB.508277.220	hypothetical protein	0,7626	4,848E-22
TcCLB.511153.60	palmitoyl acyltransferase 9, putative	0,7626	1,458E-06
TcCLB.510155.170	hypothetical protein, conserved	0,7626	0,00008586
TcCLB.506683.140	beta galactofuranosyl glycosyltransferase (pseudogene), putative	0,7621	1,338E-06
TcCLB.508193.45	trans-sialidase (pseudogene), putative	0,762	0,0003607
TcCLB.506265.130	hypothetical protein, conserved	0,7619	1,217E-10
TcCLB.509149.70	hypothetical protein, conserved	0,7618	4,529E-10

TcCLB.510755.65	hypothetical protein	0,7618	0,0003807
TcCLB.511523.70	Present in the outer mitochondrial membrane proteome 3:	0,7617	0,0002506
TcCLB.509769.63	Ran-binding protein, putative	0,7616	2,876E-07
TcCLB.511389.120	hypothetical protein, conserved	0,7613	3,134E-07
TcCLB.505193.20	hypothetical protein, conserved	0,7613	0,00000232
TcCLB.508503.100	hypothetical protein, conserved	0,7613	0,000314
TcCLB.507907.10	trans-sialidase, putative	0,7613	0,2747
TcCLB.508315.5	mucin TcMUCII, putative (fragment)	0,7612	0,2039
TcCLB.507317.40	hypothetical protein, conserved	0,7611	8,188E-09
TcCLB.504183.20	trans-sialidase, Group II, putative	0,7608	0,0002671
TcCLB.511155.10	hypothetical protein, conserved (pseudogene)	0,7601	0,00003476
TcCLB.507667.20	hypothetical protein, conserved	0,7599	1,999E-19
TcCLB.503633.11	mucin-associated surface protein (MASP), putative (fragm	0,7591	0,1636
TcCLB.508913.10	trans-sialidase (pseudogene), putative	0,7589	0,00006618
TcCLB.508239.20	hypothetical protein, conserved	0,7588	1,028E-16
TcCLB.511361.30	hypothetical protein, conserved	0,7586	0,0004498
TcCLB.510713.90	trans-sialidase, Group V, putative	0,7585	0,001162
TcCLB.506443.100	trans-sialidase, Group IV, putative	0,7583	0,00007806
TcCLB.504233.70	mucin TcMUCI, putative	0,7583	0,2746
TcCLB.506633.80	hypothetical protein, conserved	0,758	4,681E-12
TcCLB.510529.30	hypothetical protein, conserved	0,7574	8,051E-16
TcCLB.511283.140	hypothetical protein, conserved	0,7569	1,867E-14
TcCLB.510323.40	heat shock protein 20, putative	0,7568	7,977E-10
TcCLB.506777.100	hypothetical protein, conserved	0,7567	0,00009773
TcCLB.508741.20	hypothetical protein, conserved	0,7565	4,919E-07
TcCLB.507691.50	retrotransposon hot spot (RHS) protein, putative	0,7565	6,56E-07
TcCLB.506199.10	hypothetical protein, conserved	0,7565	0,0001064
TcCLB.508677.120	hypothetical protein, conserved	0,7564	0,0005863
TcCLB.511077.130	mucin TcMUCII, putative	0,7563	0,2002
TcCLB.508881.50	hypothetical protein, conserved	0,756	0,00000111
TcCLB.509115.60	mucin-like glycoprotein, putative	0,7559	0,03813
TcCLB.509179.130	hypothetical protein, conserved	0,7558	3,913E-07
TcCLB.506821.20	ATP-dependent Clp protease subunit, heat shock protein 10	0,7557	8,493E-18
TcCLB.511807.140	hypothetical protein, conserved	0,7555	3,926E-12
TcCLB.507993.60	hypothetical protein, conserved	0,7555	1,873E-06
TcCLB.509087.10	retrotransposon hot spot protein (RHS, pseudogene), putat	0,7555	0,008832
TcCLB.506767.280	retrotransposon hot spot protein (RHS, pseudogene), putat	0,7555	0,2274
TcCLB.508163.20	mucin TcMUCII, putative	0,7555	0,2917
TcCLB.508165.100	mucin TcMUCII, putative	0,7554	0,1509
TcCLB.511067.30	transketolase, putative	0,7546	2,22E-17
TcCLB.507893.9	dispersed gene family protein 1 (DGF-1), putative (fragme	0,7542	0,008161
TcCLB.511739.10	hypothetical protein, conserved	0,7541	3,813E-07
TcCLB.510361.200	mucin TcMUCII, putative	0,7539	0,2907
TcCLB.507035.80	trans-sialidase (pseudogene), putative	0,7538	1,201E-07
TcCLB.507853.20	dynein beta chain, flagellar outer arm (pseudogene), putat	0,7538	0,00002709

TcCLB.511807.120	hypothetical protein, conserved	0,7537	5,112E-11
TcCLB.508461.10	Present in the outer mitochondrial membrane proteome 6	0,7537	2,652E-08
TcCLB.511367.70	dihydrolipoamide acetyltransferase, putative	0,7536	4,153E-10
TcCLB.509141.20	hypothetical protein	0,7533	0,00003979
TcCLB.503665.10	trans-sialidase (pseudogene), putative	0,7533	0,1088
TcCLB.510417.40	mucin-associated surface protein (MASP), putative (fragm	0,753	0,4055
TcCLB.507587.24	dispersed gene family protein 1 (DGF-1), putative (fragme	0,7528	0,00001221
TcCLB.508389.114	mucin TcMUCII, putative	0,7526	0,284
TcCLB.509005.10	axoneme central apparatus protein (fragment) (PF16)	0,7521	0,0001465
TcCLB.511855.10	trans-sialidase, putative	0,752	0,002364
TcCLB.509791.180	hypothetical protein, conserved	0,7518	1,81E-07
TcCLB.508119.160	hypothetical protein, conserved	0,7515	2,78E-08
TcCLB.510985.20	retrotransposon hot spot protein (RHS, pseudogene), putat	0,7512	6,326E-12
TcCLB.506401.360	hypothetical protein, conserved	0,7509	0,0007878
TcCLB.506481.30	hypothetical protein, conserved	0,7503	2,41E-08
TcCLB.504025.10	hypothetical protein, conserved	0,7496	0,0006968
TcCLB.506845.40	hypothetical protein, conserved (pseudogene)	0,7496	0,000834
TcCLB.509725.60	glycine dehydrogenase [decarboxylating] (pseudogene), pu	0,7495	8,976E-07
TcCLB.508153.560	hypothetical protein, conserved	0,7495	0,00001711
TcCLB.508641.200	hypothetical protein, conserved	0,7494	9,164E-09
TcCLB.509871.80	dispersed gene family protein 1 (DGF-1), putative	0,7494	0,00001244
TcCLB.508293.160	trans-sialidase (pseudogene), putative	0,749	0,3473
TcCLB.510565.130	hypothetical protein	0,7486	2,134E-08
TcCLB.509633.60	serine/threonine-protein phosphatase PP1, putative	0,7486	0,001401
TcCLB.508173.47	autophagy-related protein 8 (ATG8)	0,7485	8,787E-09
TcCLB.420293.31	hypothetical protein	0,7485	0,05332
TcCLB.506001.40	trans-sialidase, Group V, putative	0,748	0,01345
TcCLB.507065.108	mucin-associated surface protein (MASP, pseudogene), pu	0,7479	0,1014
TcCLB.508237.9	protein kinase, putative	0,7477	0,0005104
TcCLB.506285.40	mucin-associated surface protein (MASP, pseudogene), pu	0,7477	0,01734
TcCLB.511231.34	hypothetical protein, conserved	0,7476	5,815E-07
TcCLB.506133.68	mucin TcMUCII (pseudogene), putative	0,7476	0,1729
TcCLB.510155.20	KREL1	0,7474	8,442E-12
TcCLB.507559.100	hypothetical protein, conserved	0,7473	1,735E-18
TcCLB.504017.54	hypothetical protein, conserved	0,7473	3,105E-08
TcCLB.508331.30	Checkpoint protein HUS1, putative	0,7473	0,00001771
TcCLB.503447.20	trans-sialidase, Group II, putative	0,7472	0,008435
TcCLB.508873.420	Present in the outer mitochondrial membrane proteome 11	0,747	1,169E-11
TcCLB.509109.30	hypothetical protein, conserved	0,7457	5,163E-06
TcCLB.504039.240	mucin TcMUCII, putative	0,7457	0,2055
TcCLB.506657.40	ADP/ATP translocase, putative	0,7456	4,841E-11
TcCLB.508501.270	hypothetical protein, conserved	0,7456	4,443E-09
TcCLB.410589.10	AMP deaminase, putative	0,7454	0,0000948
TcCLB.508959.4	cytochrome c, putative	0,7453	1,596E-09
TcCLB.511105.29	dispersed gene family protein 1 (DGF-1), putative	0,7452	0,004116

TcCLB.510497.50	mucin-associated surface protein (MASP), putative	0,7452	0,04428
TcCLB.507699.37	mucin-associated surface protein (MASP, pseudogene), pu	0,745	0,174
TcCLB.510061.20	hypothetical protein	0,745	0,4744
TcCLB.506053.5	amino acid transporter, putative (fragment)	0,7443	1,132E-09
TcCLB.506169.10	glycine dehydrogenase [decarboxylating] (pseudogene), pu	0,7443	0,009441
TcCLB.508775.40	trans-sialidase (pseudogene), putative	0,7443	0,02046
TcCLB.510791.11	hypothetical protein	0,7441	0,007788
TcCLB.503715.10	splicing factor TSR1, putative	0,7438	6,167E-14
TcCLB.507847.10	mucin TcMUCII (pseudogene), putative	0,7438	0,00514
TcCLB.508983.20	trans-sialidase (pseudogene), putative	0,7437	0,00425
TcCLB.507049.190	hypothetical protein, conserved	0,7435	1,789E-12
TcCLB.510349.70	hypothetical protein, conserved	0,7434	0,0001002
TcCLB.507849.60	hypothetical protein, conserved	0,7432	1,188E-11
TcCLB.506301.50	succinyl-coA:3-ketoacid-coenzyme A transferase, mitochor	0,7429	1,476E-11
TcCLB.507835.60	retrotransposon hot spot protein (RHS, pseudogene), putat	0,7429	0,00009351
TcCLB.507953.200	90 kDa surface protein, putative	0,7429	0,06601
TcCLB.506735.80	hypothetical protein, conserved	0,7422	1,442E-10
TcCLB.511257.70	surface protease GP63, putative	0,7422	0,00001088
TcCLB.508569.70	hypothetical protein, conserved	0,7421	1,457E-13
TcCLB.510039.100	hypothetical protein, conserved	0,7419	0,0002144
TcCLB.509067.70	pyrroline-5-carboxylate synthetase-like protein, putative	0,7418	3,459E-13
TcCLB.508241.40	hypothetical protein	0,7417	1,709E-09
TcCLB.508325.60	retrotransposon hot spot (RHS) protein, putative	0,7417	1,539E-06
TcCLB.510625.109	mucin-associated surface protein (MASP), putative	0,7417	0,4717
TcCLB.510577.30	hypothetical protein	0,7415	1,445E-08
TcCLB.511349.110	retrotransposon hot spot protein (RHS, pseudogene), putat	0,7415	0,0316
TcCLB.510181.100	acid phosphatase, putative (AP)	0,7414	0,00005399
TcCLB.510175.125	hypothetical protein	0,7414	0,00393
TcCLB.507015.50	retrotransposon hot spot protein (RHS, pseudogene), putat	0,7408	2,484E-06
TcCLB.506259.30	retrotransposon hot spot protein (RHS, pseudogene), putat	0,7407	2,586E-08
TcCLB.508015.30	hypothetical protein	0,7407	0,004669
TcCLB.509445.39	glutamate dehydrogenase, putative	0,7405	4,098E-14
TcCLB.506773.120	mRNA cap guanine-N7 methyltransferase, putative	0,7405	9,264E-10
TcCLB.508027.120	hypothetical protein, conserved	0,7403	1,371E-09
TcCLB.421555.9	mucin-associated surface protein (MASP), putative	0,7403	0,0004173
TcCLB.504427.40	hypothetical protein, conserved	0,74	0,0001091
TcCLB.508041.30	40S ribosomal protein S15A, putative	0,7398	3,241E-25
TcCLB.503649.20	mucin TcMUC, putative	0,7397	0,4132
TcCLB.509533.30	retrotransposon hot spot protein (RHS, pseudogene), putat	0,7396	2,959E-06
TcCLB.511589.180	hypothetical protein, conserved	0,7395	5,366E-08
TcCLB.510861.60	hypothetical protein, conserved	0,7394	7,596E-15
TcCLB.505763.19	P-type H -ATPase, putative	0,7393	4,299E-25
TcCLB.510717.20	surface antigen TASV, putative	0,7392	4,321E-10
TcCLB.503565.29	hypothetical protein, conserved	0,7392	8,883E-09
TcCLB.504425.100	hypothetical protein, conserved	0,7386	0,00001896

TcCLB.510613.20	kinesin, putative	0,7385	8,011E-09
TcCLB.504239.410	mucin TcMUCII, putative	0,7385	0,1393
TcCLB.509105.4	Generative cell specific 1 protein, putative (GCS1)	0,7384	0,00001733
TcCLB.506777.20	cytoplasmic translation machinery associated protein, puta	0,7381	4,705E-08
TcCLB.509753.250	mucin-associated surface protein (MASP), putative	0,7381	0,07536
TcCLB.511613.60	mucin-associated surface protein (MASP), putative	0,738	0,0163
TcCLB.503821.19	hypothetical protein, conserved	0,7379	1,364E-06
TcCLB.511529.210	hypothetical protein, conserved	0,7375	0,00000149
TcCLB.510285.74	hypothetical protein, conserved	0,7375	0,0001048
TcCLB.509549.90	alpha-adaptin-like (pseudogene), putative	0,7371	2,072E-17
TcCLB.507047.130	hypothetical protein, conserved	0,7371	6,536E-07
TcCLB.505919.20	trans-sialidase, Group II, putative	0,7371	0,0002524
TcCLB.510275.60	mucin-associated surface protein (MASP), putative	0,7371	0,117
TcCLB.505193.60	hypothetical protein, conserved	0,737	0,00000926
TcCLB.507317.20	hypothetical protein	0,737	0,00001401
TcCLB.511871.170	trans-sialidase (pseudogene), putative	0,737	0,001214
TcCLB.511121.11	retrotransposon hot spot (RHS) protein, putative (fragment)	0,7367	0,0004474
TcCLB.508165.30	mucin-associated surface protein (MASP), putative	0,7367	0,124
TcCLB.508587.50	hypothetical protein	0,7366	0,1024
TcCLB.507669.104	transcription elongation factor, putative	0,7363	9,097E-07
TcCLB.507253.30	hypothetical protein, conserved (pseudogene)	0,7361	0,0001519
TcCLB.509775.9	protein kinase, putative (fragment)	0,7359	0,001069
TcCLB.506331.80	beta galactofuranosyl glycosyltransferase (pseudogene), p	0,7357	0,06138
TcCLB.509549.100	hypothetical protein, conserved	0,7352	4,212E-14
TcCLB.510791.30	mucin-associated surface protein (MASP, pseudogene), pu	0,7352	1,345E-07
TcCLB.503559.70	cystinosin, putative	0,7351	0,000321
TcCLB.510155.80	mitochondrial-processing peptidase subunit beta, putative	0,7348	1,744E-14
TcCLB.507981.61	hypothetical protein	0,7347	0,1069
TcCLB.506855.20	hypothetical protein, conserved	0,7346	9,607E-07
TcCLB.510947.44	hypothetical protein, conserved	0,7346	0,00005987
TcCLB.510887.70	hypothetical protein, conserved	0,7344	2,492E-07
TcCLB.460625.9	trans-sialidase (pseudogene), putative	0,734	0,2377
TcCLB.506529.80	hypothetical protein, conserved	0,7339	1,224E-15
TcCLB.506671.50	trans-sialidase (pseudogene), putative	0,7338	0,02537
TcCLB.506759.20	mucin-associated surface protein (MASP), putative	0,7338	0,119
TcCLB.507615.60	hypothetical protein, conserved	0,7337	1,086E-06
TcCLB.510241.100	hypothetical protein, conserved	0,7335	9,061E-06
TcCLB.508543.60	hypothetical protein, conserved	0,7329	7,492E-08
TcCLB.509331.40	hypothetical protein, conserved	0,7326	0,00002729
TcCLB.510461.20	trans-sialidase (pseudogene), putative	0,7325	0,2837
TcCLB.506401.230	hypothetical protein, conserved	0,7324	2,313E-14
TcCLB.508285.40	retrotransposon hot spot protein (RHS, pseudogene), putat	0,7319	0,07978
TcCLB.511817.230	hypothetical protein, conserved	0,7318	8,091E-14
TcCLB.507213.60	retrotransposon hot spot protein (RHS, pseudogene), putat	0,7318	5,498E-06
TcCLB.503839.39	hypothetical protein, conserved	0,7317	0,0002883

TcCLB.431889.10	hypothetical protein, conserved (fragment)	0,7315	0,1545
TcCLB.506697.20	cyclic nucleotide phosphodiesterase	0,7311	0,00002305
TcCLB.508173.100	Monoxygenase, putative	0,7308	1,502E-11
TcCLB.510947.10	GDP-mannose pyrophosphorylase	0,7307	1,63E-11
TcCLB.509765.30	retrotransposon hot spot protein (RHS, pseudogene), putative	0,7307	0,0002706
TcCLB.509207.50	hypothetical protein, conserved	0,7304	2,652E-15
TcCLB.504797.34	N-acetyltransferase, putative	0,7301	1,104E-14
TcCLB.510205.50	mucin-associated surface protein (MASP), putative	0,73	0,273
TcCLB.505193.40	SUMO1/Ulp2, putative	0,7297	4,52E-10
TcCLB.508621.30	choline/carnitine O-acyltransferase (pseudogene), putative	0,7295	3,837E-12
TcCLB.507499.56	N-acetyltransferase complex ARD1 subunit (pseudogene), putative	0,7293	0,2115
TcCLB.506349.53	retrotransposon hot spot protein (RHS, pseudogene), putative	0,7291	2,647E-13
TcCLB.506529.314	hypothetical protein, conserved	0,7286	0,001702
TcCLB.506269.70	mucin TcMUCII, putative	0,7285	0,1507
TcCLB.508509.30	surface protease GP63 (pseudogene), putative	0,7283	0,09405
TcCLB.508539.110	mucin-associated surface protein (MASP), putative	0,7281	0,07766
TcCLB.506399.10	sigma-adaptin 3, putative	0,7281	0,1485
TcCLB.503505.14	PTP1-interacting protein, 39 kDa, putative	0,7279	0,00003561
TcCLB.509601.30	hypothetical protein	0,7277	1,083E-07
TcCLB.509943.20	cAMP specific phosphodiesterase, putative	0,7277	9,072E-07
TcCLB.510359.610	trans-sialidase, Group II, putative	0,7277	0,03096
TcCLB.506743.69	hypothetical protein, conserved	0,7275	0,0004615
TcCLB.434931.10	paraxonemal rod protein PAR2, putative	0,7273	5,494E-11
TcCLB.510243.10	hypothetical protein, conserved	0,7273	0,000058
TcCLB.508205.39	dynein light chain, putative	0,7271	9,112E-06
TcCLB.510889.130	hypothetical protein	0,7266	0,008811
TcCLB.510503.160	mucin TcMUCII, putative	0,7265	0,02403
TcCLB.506485.80	oxidoreductase, putative	0,7264	1,726E-12
TcCLB.507957.140	trans-sialidase (pseudogene), putative	0,7263	0,002225
TcCLB.510715.90	trans-sialidase, Group V, putative	0,7259	0,0575
TcCLB.510853.96	trans-sialidase (pseudogene), putative	0,7258	1,249E-07
TcCLB.509611.150	hypothetical protein, conserved	0,7254	1,411E-08
TcCLB.506847.30	retrotransposon hot spot protein (RHS, pseudogene), putative	0,7254	3,639E-06
TcCLB.509979.100	hypothetical protein, conserved	0,7254	0,00001111
TcCLB.510403.30	trans-sialidase, Group II, putative	0,7251	0,08349
TcCLB.508601.20	hypothetical protein, conserved	0,7249	6,457E-08
TcCLB.510153.5	hypothetical protein, conserved	0,7244	0,05593
TcCLB.507875.159	60S acidic ribosomal protein P2 (pseudogene), putative	0,7241	3,309E-13
TcCLB.507663.80	hypothetical protein, conserved	0,724	8,031E-08
TcCLB.511571.10	ATP-dependent DEAD/H RNA helicase, putative	0,7239	0,01308
TcCLB.511491.9	hypothetical protein, conserved	0,7237	0,001179
TcCLB.510381.40	hypothetical protein, conserved	0,7236	6,739E-10
TcCLB.509571.40	hypothetical protein, conserved	0,7236	5,766E-09
TcCLB.509153.139	hypothetical protein, conserved	0,7235	8,41E-10
TcCLB.511385.100	hypothetical protein, conserved	0,7235	2,492E-08

TcCLB.511255.370	mucin TcMUCII, putative	0,7233	0,2592
TcCLB.511825.80	I/6 autoantigen, putative	0,7232	2,958E-10
TcCLB.511509.40	hypothetical protein, conserved	0,7232	0,0007347
TcCLB.503697.140	hypothetical protein	0,7231	0,0002096
TcCLB.508207.160	hypothetical protein, conserved	0,7229	0,0001027
TcCLB.506065.10	retrotransposon hot spot protein (RHS, pseudogene), putat	0,7229	0,03568
TcCLB.510197.10	trans-sialidase (pseudogene), putative	0,7226	0,00004005
TcCLB.506457.4	hypothetical protein, conserved	0,7226	0,07659
TcCLB.509897.80	mucin-associated surface protein (MASP, pseudogene), pu	0,7221	0,1879
TcCLB.503925.60	hypothetical protein	0,722	2,43E-08
TcCLB.506499.105	mucin-associated surface protein (MASP, pseudogene), pu	0,7219	0,1619
TcCLB.508325.160	retrotransposon hot spot (RHS) protein, putative	0,7218	4,836E-14
TcCLB.503889.20	mucin TcMUC (pseudogene), putative	0,7218	0,0001424
TcCLB.503979.20	hypothetical protein, conserved	0,7217	3,751E-06
TcCLB.506601.51	mucin TcMUCII (pseudogene), putative	0,7216	0,2003
TcCLB.508575.20	hypothetical protein	0,7214	0,1376
TcCLB.511417.80	phosphate-repressible phosphate permease, putative	0,7211	1,924E-11
TcCLB.510989.69	hypothetical protein, conserved	0,7211	0,00728
TcCLB.503587.47	hypothetical protein	0,7211	0,1165
TcCLB.507471.31	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	0,7204	0,429
TcCLB.504115.10	trans-sialidase, Group VIII, putative	0,7203	1,161E-06
TcCLB.504035.41	mucin-associated surface protein (MASP, pseudogene), pu	0,7202	0,6909
TcCLB.510235.6	hypothetical protein	0,72	0,05927
TcCLB.506345.100	beta galactofuranosyl glycosyltransferase (pseudogene), pi	0,7198	0,00007082
TcCLB.506493.90	cysteine peptidase, Clan CA, family C2, putative	0,7197	1,598E-13
TcCLB.510565.160	hypothetical protein, conserved	0,7196	0,00007051
TcCLB.511225.20	retrotransposon hot spot protein (RHS, pseudogene), putat	0,7195	4,824E-12
TcCLB.503905.10	myosin heavy chain, putative	0,7195	8,345E-09
TcCLB.508207.120	hypothetical protein, conserved	0,7195	0,006869
TcCLB.509855.10	hypothetical protein, conserved	0,7194	3,039E-13
TcCLB.510713.170	mucin-associated surface protein (MASP), putative	0,7193	0,1584
TcCLB.504427.270	hypothetical protein, conserved	0,7192	1,723E-08
TcCLB.509033.20	beta galactofuranosyl glycosyltransferase, putative	0,7186	0,0001018
TcCLB.503955.50	hypothetical protein, conserved	0,7185	3,586E-07
TcCLB.511349.80	retrotransposon hot spot protein (RHS, pseudogene), putat	0,7185	0,2688
TcCLB.511923.80	mucin-associated surface protein (MASP, pseudogene), pu	0,7182	0,4261
TcCLB.511785.5	hypothetical protein	0,7182	0,5343
TcCLB.506721.30	calpain-like cysteine peptidase, putative	0,7181	4,47E-11
TcCLB.507641.236	hypothetical protein, conserved	0,7181	5,897E-09
TcCLB.508965.30	hypothetical protein	0,718	4,605E-07
TcCLB.511585.50	hypothetical protein, conserved	0,7178	1,587E-07
TcCLB.507997.14	trans-sialidase, putative (fragment)	0,7178	0,001615
TcCLB.510891.30	retrotransposon hot spot protein (RHS, pseudogene), putat	0,7177	8,846E-07
TcCLB.504155.10	mucin-associated surface protein (MASP), putative	0,7177	0,4079
TcCLB.509213.160	protein kinase, putative	0,7173	5,93E-11

TcCLB.505343.10	trans-sialidase (pseudogene), putative	0,7173	0,1255
TcCLB.505333.10	N-acetyltransferase complex ARD1 subunit (pseudogene),	0,7171	0,05283
TcCLB.503955.40	trans-sialidase, Group II, putative	0,7169	2,455E-09
TcCLB.511363.4	hypothetical protein, conserved	0,7168	2,905E-07
TcCLB.510773.50	hypothetical protein	0,7168	0,005218
TcCLB.503613.50	PA domain containing protein, putative (ESP7)	0,7167	1,885E-06
TcCLB.506401.100	DNA polymerase sigma, putative	0,7165	7,297E-15
TcCLB.508061.30	retrotransposon hot spot protein (RHS, pseudogene), putat	0,7165	0,0002699
TcCLB.511861.50	trans-sialidase, Group VIII, putative	0,7159	0,03876
TcCLB.511469.70	prohibitin, putative	0,7155	4,566E-11
TcCLB.506989.70	flagellar radial spoke protein-like, putative	0,7155	1,44E-07
TcCLB.506939.70	retrotransposon hot spot protein (RHS, pseudogene), putat	0,7153	0,02401
TcCLB.511603.330	mucin TcMUCII, putative	0,7153	0,2193
TcCLB.504069.60	GPI transamidase component GAA1, putative	0,7152	1,374E-07
TcCLB.506779.10	dynein regulatory complex subunit, putative	0,7151	0,00009831
TcCLB.506625.80	cAMP-specific phosphodiesterase, putative	0,715	1,691E-16
TcCLB.509035.20	surface protease GP63, putative	0,7149	0,1162
TcCLB.509525.380	mucin TcMUCII, putative	0,7148	0,3637
TcCLB.510477.10	surface protease GP63, putative	0,7147	0,0005686
TcCLB.507031.110	hypothetical protein, conserved	0,7146	8,785E-11
TcCLB.506891.10	Metal-binding domain-containing protein	0,7144	0,00000333
TcCLB.508577.150	hypothetical protein, conserved	0,7144	0,004001
TcCLB.507093.250	RNA-binding protein, putative	0,7138	8,186E-14
TcCLB.508567.100	hypothetical protein, conserved	0,7137	1,132E-14
TcCLB.506327.60	hypothetical protein, conserved	0,7137	0,00001371
TcCLB.508153.140	protein kinase, putative	0,7135	0,000663
TcCLB.511649.160	hypothetical protein, conserved	0,7134	1,728E-08
TcCLB.511535.30	hypothetical protein, conserved	0,7133	6,52E-12
TcCLB.511663.40	trans-sialidase (pseudogene), putative	0,7133	0,0006908
TcCLB.506265.45	chaperone DNAJ protein, putative	0,7124	0,0004518
TcCLB.508119.40	hypothetical protein	0,7123	0,1517
TcCLB.508951.90	hypothetical protein, conserved	0,7117	0,00005016
TcCLB.508241.30	hypothetical protein, conserved	0,7115	1,374E-11
TcCLB.508273.10	AMP deaminase, putative	0,7113	1,458E-11
TcCLB.503837.5	mucin TcMUCI, putative (fragment)	0,7113	0,01137
TcCLB.441729.9	hypothetical protein (fragment)	0,711	0,01995
TcCLB.503909.84	calpain-like cysteine peptidase, putative	0,7109	6,693E-08
TcCLB.510311.180	hypothetical protein, conserved	0,7104	3,116E-07
TcCLB.511603.70	mucin TcMUCII, putative	0,7104	0,06718
TcCLB.511773.35	hypothetical protein, conserved (pseudogene)	0,7102	0,001975
TcCLB.507747.160	mucin TcMUCII, putative	0,7102	0,07154
TcCLB.506321.300	hypothetical protein, conserved	0,7101	6,043E-10
TcCLB.507071.160	mucin TcMUCII, putative	0,7101	0,2931
TcCLB.507219.9	trans-sialidase, putative	0,71	0,02784
TcCLB.508221.30	mucin-associated surface protein (MASP), putative	0,7097	0,2815



TcCLB.506401.200	hypothetical protein, conserved	0,7093	0,00002854
TcCLB.506281.90	mucin TcMUCII, putative	0,7092	0,3491
TcCLB.509601.50	hypothetical protein, conserved	0,7088	7,381E-12
TcCLB.511889.20	retrotransposon hot spot protein (RHS, pseudogene), putat	0,7087	6,984E-08
TcCLB.506375.10	tryptophanyl-tRNA synthetase, putative	0,7086	0,1189
TcCLB.510435.50	AMP deaminase (pseudogene), putative	0,7084	1,772E-06
TcCLB.511807.80	RNA capping enzyme, nuclear (Cgm1)	0,7083	8,703E-17
TcCLB.510411.40	trans-sialidase, putative	0,7083	0,06494
TcCLB.508777.190	hypothetical protein, conserved	0,7081	0,0004399
TcCLB.511849.20	mucin TcMUCl, putative	0,708	0,01008
TcCLB.511801.50	hypothetical protein, conserved	0,7079	5,539E-08
TcCLB.459793.10	mucin TcMUCl, putative	0,7078	0,2123
TcCLB.504827.150	hypothetical protein, conserved	0,7076	2,958E-06
TcCLB.506759.210	mucin TcMUCII, putative	0,7073	0,345
TcCLB.503953.30	protein kinase, putative	0,707	1,959E-07
TcCLB.508731.60	adenylosuccinate synthetase, putative	0,7068	1,798E-07
TcCLB.508975.4	hypothetical protein, conserved (fragment)	0,7066	0,0002807
TcCLB.511603.130	hypothetical protein, conserved	0,7063	0,3382
TcCLB.508241.90	hypothetical protein, conserved	0,7059	1,059E-11
TcCLB.503865.50	ankyrin, putative	0,7059	1,627E-10
TcCLB.511127.429	hypothetical protein, conserved	0,7059	0,0007014
TcCLB.506265.90	hypothetical protein, conserved	0,7058	0,0001548
TcCLB.508137.40	hypothetical protein, conserved	0,7058	0,1063
TcCLB.510089.5	mucin TcMUCII (pseudogene), putative	0,7056	0,4476
TcCLB.511903.120	transketolase, putative	0,7055	1,689E-18
TcCLB.508771.34	hypothetical protein, conserved	0,7055	0,01522
TcCLB.510359.480	mucin-associated surface protein (MASP, pseudogene), pu	0,7055	0,4482
TcCLB.509399.20	metacaspase, putative	0,7052	0,0003435
TcCLB.508153.130	enoyl-CoA hydratase, mitochondrial precursor, putative	0,7051	9,828E-10
TcCLB.504081.40	mucin-associated surface protein (MASP), putative	0,7051	0,09437
TcCLB.510349.20	hypothetical protein, conserved	0,7048	4,233E-06
TcCLB.506401.160	hypothetical protein, conserved	0,7046	0,00005637
TcCLB.503541.5	cAMP-specific phosphodiesterase, putative	0,7045	0,1195
TcCLB.509753.202	hypothetical protein	0,7044	0,3039
TcCLB.506249.70	ABC transporter, putative	0,7043	6,568E-10
TcCLB.511415.30	retrotransposon hot spot protein (RHS, pseudogene), putat	0,7043	1,537E-07
TcCLB.507237.210	mucin TcMUCII, putative	0,7043	0,02598
TcCLB.506763.35	hypothetical protein, conserved (pseudogene)	0,7043	0,235
TcCLB.508015.50	hypothetical protein, conserved	0,7042	0,00001733
TcCLB.509699.200	mucin TcMUCII, putative	0,7042	0,3709
TcCLB.506767.60	hypothetical protein, conserved (pseudogene)	0,704	0,2624
TcCLB.511213.70	trans-sialidase (pseudogene), putative	0,7038	0,00005899
TcCLB.511643.70	trans-sialidase, Group VI, putative	0,7038	0,03824
TcCLB.506297.350	SKP1-like protein	0,7036	0,09986
TcCLB.510275.219	mucin TcMUCII, putative	0,7036	0,348

TcCLB.511887.50	hypothetical protein, conserved	0,7033	0,04583
TcCLB.506691.60	hypothetical protein, conserved	0,7032	0,0001771
TcCLB.508779.9	hypothetical protein, conserved (fragment)	0,7031	1,008E-06
TcCLB.506737.90	trans-sialidase, Group V, putative	0,703	5,349E-08
TcCLB.508551.20	40S ribosomal protein S12, putative	0,7028	2,642E-20
TcCLB.508705.10	retrotransposon hot spot protein (RHS, pseudogene), putative	0,7026	6,304E-07
TcCLB.506265.80	hypothetical protein, conserved	0,7025	0,001195
TcCLB.509275.10	elongation factor 1-gamma (EF-1-gamma, pseudogene), putative	0,7025	0,07088
TcCLB.504149.70	hypothetical protein, conserved	0,7018	5,479E-08
TcCLB.506035.20	dispersed gene family protein 1 (DGF-1, pseudogene), putative	0,7018	0,00002012
TcCLB.511825.63	peptidyl-prolyl cis-trans isomerase, putative	0,7017	5,553E-07
TcCLB.504125.100	sugar transporter (pseudogene), putative	0,7016	0,0001745
TcCLB.506977.70	ATPase subunit 9, putative	0,7015	2,471E-11
TcCLB.506277.3	mucin TcMUCII, putative (fragment)	0,7014	0,2933
TcCLB.508257.160	hypothetical protein, conserved	0,7009	2,611E-09
TcCLB.506009.40	hypothetical protein	0,7009	0,01373
TcCLB.507555.50	trans-sialidase, Group VIII, putative	0,7007	0,00012
TcCLB.511815.40	guide RNA associated protein, GAP2, putative	0,7004	2,056E-21
TcCLB.511301.170	retrotransposon hot spot (RHS) protein, putative	0,6998	9,502E-07
TcCLB.506779.30	hypothetical protein, conserved (pseudogene)	0,6996	7,609E-11
TcCLB.510529.39	hypothetical protein, conserved	0,6994	0,003914
TcCLB.507497.11	trans-sialidase, putative (fragment)	0,6993	0,05363
TcCLB.508153.1074	hypothetical protein, conserved	0,6992	6,768E-08
TcCLB.506513.130	kinesin (pseudogene), putative	0,6991	1,312E-14
TcCLB.506545.5	mucin TcMUCI, putative	0,699	0,03101
TcCLB.506173.50	mucin TcMUCII (pseudogene), putative	0,6989	0,1472
TcCLB.511255.410	surface protease GP63 (pseudogene), putative	0,6988	0,1785
TcCLB.509849.20	hypothetical protein, conserved	0,6987	1,068E-07
TcCLB.508501.210	hypothetical protein, conserved	0,6986	0,00001478
TcCLB.504149.90	hypothetical protein, conserved	0,6985	6,339E-16
TcCLB.508293.130	hypothetical protein	0,6983	0,4493
TcCLB.506773.180	regulator of chromatin condensation, putative	0,6982	2,421E-07
TcCLB.507041.71	mucin TcMUCI, putative	0,6981	0,1513
TcCLB.509151.50	hypothetical protein, conserved	0,6979	1,565E-14
TcCLB.509111.28	fucose kinase, putative	0,6978	0,04131
TcCLB.509157.60	1-acyl-sn-glycerol-3-phosphate acyltransferase, putative	0,6977	1,054E-06
TcCLB.509641.10	hypothetical protein, conserved	0,6976	0,000996
TcCLB.504035.70	cyclophilin, putative	0,6971	0,000011
TcCLB.511807.50	hypothetical protein, conserved	0,697	1,681E-15
TcCLB.509437.170	hypothetical protein	0,697	0,008503
TcCLB.511181.150	hypothetical protein, conserved	0,6969	6,445E-06
TcCLB.511069.4	transketolase, putative	0,6969	0,0001608
TcCLB.506133.80	mucin-associated surface protein (MASP, pseudogene), putative	0,6967	0,08079
TcCLB.507681.200	serine carboxypeptidase S28, putative	0,6966	6,567E-10
TcCLB.508903.30	retrotransposon hot spot protein (RHS, pseudogene), putative	0,6966	0,0004389

TcCLB.504199.10	hypothetical protein, conserved	0,6964	1,038E-14
TcCLB.511603.190	mucin-associated surface protein (MASP), putative	0,6964	0,1804
TcCLB.510111.20	trans-sialidase, Group II, putative	0,696	0,01995
TcCLB.510225.20	hypothetical protein, conserved	0,6959	0,00004801
TcCLB.504801.10	beta galactofuranosyl glycosyltransferase (pseudogene), p	0,6959	0,02976
TcCLB.506129.50	trans-sialidase, Group IV, putative	0,6956	1,245E-07
TcCLB.508669.21	hypothetical protein	0,6955	0,1918
TcCLB.510005.11	endosomal integral membrane protein (pseudogene), puta	0,6954	0,00006537
TcCLB.510865.10	retrotransposon hot spot protein (RHS, pseudogene), putat	0,6954	0,000676
TcCLB.504055.30	hypothetical protein	0,6951	9,281E-06
TcCLB.508767.20	surface protein TolT (TolT)	0,6951	0,001155
TcCLB.504081.30	trans-sialidase (pseudogene), putative	0,6949	0,01471
TcCLB.456097.30	glycerophosphoryl diester phosphodiesterase, putative	0,6948	0,00004589
TcCLB.504249.30	mucin-associated surface protein (MASP), putative	0,6947	0,09107
TcCLB.507573.10	hypothetical protein, conserved (pseudogene)	0,6937	1,091E-06
TcCLB.508461.260	Bem46-like serine peptidase, putative	0,6933	4,261E-09
TcCLB.506675.20	hypothetical protein, conserved (pseudogene)	0,6931	1,182E-08
TcCLB.510933.90	mucin-associated surface protein (MASP), putative	0,6931	0,09239
TcCLB.508891.60	serine/threonine protein phosphatase, putative	0,693	0,0006705
TcCLB.508341.10	mucin-associated surface protein (MASP), putative	0,693	0,367
TcCLB.510403.50	retrotransposon hot spot protein (RHS, pseudogene), putat	0,6927	3,753E-12
TcCLB.509615.40	alpha-adaptin-like (pseudogene), putative	0,6925	6,909E-07
TcCLB.508569.130	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase, put	0,6923	2,381E-13
TcCLB.510939.30	mucin TcMUCI, putative	0,6921	0,06163
TcCLB.508799.104	hypothetical protein, conserved	0,692	0,0002225
TcCLB.506981.10	dispersed gene family protein 1 (DGF-1), putative (fragme	0,6918	0,1016
TcCLB.482425.10	retrotransposon hot spot (RHS) protein, putative	0,6918	0,1052
TcCLB.510037.20	surface protease GP63 (pseudogene), putative	0,6918	0,1105
TcCLB.508555.60	Calpain-like protein 1 (CAP5.5)	0,6916	2,775E-09
TcCLB.510661.140	hypothetical protein, conserved	0,6913	1,427E-09
TcCLB.508347.50	hypothetical protein, conserved	0,6913	0,001749
TcCLB.509429.30	retrotransposon hot spot protein (RHS, pseudogene), putat	0,6912	1,313E-08
TcCLB.507681.210	Flagellar Member 2 (FLAM2)	0,6911	8,583E-24
TcCLB.509479.20	mucin TcMUCII, putative	0,691	0,148
TcCLB.510561.40	mucin TcMUCII, putative	0,6909	0,005895
TcCLB.506775.50	hypothetical protein, conserved	0,6908	2,607E-14
TcCLB.511809.20	methylenetetrahydrofolate dehydrogenase-like protein, pu	0,6904	5,269E-07
TcCLB.506211.20	hypothetical protein, conserved	0,6901	0,00001114
TcCLB.503905.40	hypothetical protein, conserved	0,69	0,00004467
TcCLB.503717.20	mucin-associated surface protein (MASP), putative	0,69	0,04691
TcCLB.510507.20	3-ketoacyl-CoA thiolase, putative	0,6899	9,026E-16
TcCLB.511809.140	histone H2A, putative	0,6899	5,736E-15
TcCLB.503563.29	hypothetical protein	0,6899	0,04219
TcCLB.511693.120	hypothetical protein	0,6898	4,247E-09
TcCLB.510361.30	mucin-associated surface protein (MASP), putative	0,6894	0,2582

TcCLB.509761.20	3,2-trans-enoyl-CoA isomerase, mitochondrial precursor (p	0,689	1,29E-11
TcCLB.509993.40	mucin TcMUCI, putative	0,689	0,0584
TcCLB.508409.210	Hsc70-interacting protein, putative (HIP)	0,6887	6,634E-20
TcCLB.507835.10	trans-sialidase (pseudogene), putative	0,6886	0,00495
TcCLB.506899.40	mucin TcMUCII, putative	0,6886	0,1775
TcCLB.509275.20	mucin-associated surface protein (MASP), putative (fragm	0,6886	0,1865
TcCLB.508367.70	trans-sialidase (pseudogene), putative	0,6885	0,09232
TcCLB.503989.30	hypothetical protein, conserved (pseudogene)	0,6882	9,48E-16
TcCLB.506501.40	mucin TcMUCII, putative	0,6882	0,1511
TcCLB.511389.150	thiolase protein-like protein, putative	0,6881	2,783E-17
TcCLB.511903.170	hypothetical protein, conserved	0,6881	1,424E-10
TcCLB.503581.20	PPlase, putative	0,688	0,0005254
TcCLB.506811.120	hypothetical protein, conserved	0,6879	3,348E-11
TcCLB.506247.370	hypothetical protein, conserved	0,6879	7,89E-11
TcCLB.507523.80	mucin-associated surface protein (MASP), putative	0,6878	0,1093
TcCLB.510741.20	hypothetical protein, conserved	0,6877	0,00002954
TcCLB.503689.30	flagellar protofilament ribbon protein, putative	0,6876	1,191E-09
TcCLB.507641.240	hypothetical protein	0,6875	0,09359
TcCLB.509959.40	beta galactofuranosyl glycosyltransferase, putative	0,6875	0,2847
TcCLB.503861.50	beta galactofuranosyl glycosyltransferase, putative	0,6873	1,2E-09
TcCLB.508365.4	mucin-associated surface protein (MASP), putative	0,6873	0,3897
TcCLB.507053.110	hypothetical protein, conserved	0,6872	1,413E-11
TcCLB.430061.9	hypothetical protein, conserved	0,6868	0,06998
TcCLB.510849.30	hypothetical protein, conserved (pseudogene)	0,6863	0,00004376
TcCLB.506765.10	retrotransposon hot spot protein (RHS, pseudogene), putat	0,6863	0,04424
TcCLB.511367.129	hypothetical protein, conserved	0,6862	8,569E-06
TcCLB.510039.109	sec1 family transport protein, putative (fragment)	0,6862	0,001844
TcCLB.509207.11	histone H2A, putative	0,6861	2,669E-19
TcCLB.509219.50	hypothetical protein, conserved (pseudogene)	0,686	0,0001463
TcCLB.510583.80	surface protease GP63 (pseudogene), putative	0,686	0,1807
TcCLB.511007.10	dispersed gene family protein 1 (DGF-1), putative	0,6859	0,001592
TcCLB.506067.198	mucin-associated surface protein (MASP, pseudogene), pu	0,6858	0,3312
TcCLB.510053.70	hypothetical protein, conserved	0,6856	3,422E-12
TcCLB.510755.80	hypothetical protein, conserved	0,6855	0,00002119
TcCLB.506219.30	exosome component CSL4, putative (CSL4)	0,6852	0,00001289
TcCLB.506599.430	mucin TcMUCII, putative	0,6852	0,2176
TcCLB.508503.80	hypothetical protein	0,6851	0,0003289
TcCLB.508293.80	mucin-associated surface protein (MASP), putative	0,685	0,3107
TcCLB.504003.14	hypothetical protein, conserved	0,6849	0,00006613
TcCLB.508221.680	serine-alanine-and proline-rich protein (pseudogene), puta	0,6848	0,3408
TcCLB.508173.54	hypothetical protein, conserved	0,6846	1,836E-12
TcCLB.506361.50	mucin-associated surface protein (MASP), putative	0,6845	0,1216
TcCLB.506993.63	mucin TcMUCI, putative	0,6844	0,309
TcCLB.511725.230	protein kinase, putative	0,6842	1,129E-12
TcCLB.511809.135	histone H2A, putative	0,6841	2,397E-14

TcCLB.503415.30	hypothetical protein, conserved	0,6838	3,266E-11
TcCLB.511523.100	aldehyde dehydrogenase, putative	0,6837	6,899E-10
TcCLB.509897.279	mucin-associated surface protein (MASP), putative	0,6837	0,2018
TcCLB.511791.10	mucin-associated surface protein (MASP), putative	0,6837	0,4923
TcCLB.510857.30	hypothetical protein, conserved	0,6835	8,349E-10
TcCLB.506801.40	mucin-associated surface protein (MASP), putative	0,6834	0,008531
TcCLB.508165.60	mucin TcMUCII, putative	0,6834	0,4253
TcCLB.506987.10	retrotransposon hot spot protein (RHS, pseudogene), putat	0,6831	0,05897
TcCLB.509373.21	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	0,6831	0,08177
TcCLB.510575.20	hypothetical protein, conserved	0,6829	0,0002912
TcCLB.509429.210	leucine-rich repeat protein (LRRP), putative	0,6828	3,568E-11
TcCLB.506063.59	dispersed gene family protein 1 (DGF-1), putative	0,6827	0,007651
TcCLB.505975.41	retrotransposon hot spot protein (RHS, pseudogene), putat	0,6825	3,247E-06
TcCLB.511239.49	adenosine 5'-monophosphoramidase, putative	0,6825	0,0001353
TcCLB.509897.150	mucin-associated surface protein (MASP), putative	0,6825	0,0001398
TcCLB.509993.10	mucin TcMUCL, putative	0,6824	0,1814
TcCLB.510749.50	Flagellar Member 5 (FLAM5)	0,6822	9,661E-09
TcCLB.507185.26	mucin-associated surface protein (MASP, pseudogene), pu	0,6822	0,002533
TcCLB.509759.19	pumilio/PUF RNA binding protein 1, putative (PUF1)	0,6821	8,04E-11
TcCLB.504213.100	hypothetical protein, conserved	0,6819	0,003245
TcCLB.504149.55	acyl-CoA thioesterase, putative	0,6817	1,849E-10
TcCLB.508593.20	trans-sialidase, Group IV, putative	0,6816	0,003922
TcCLB.506773.150	hypothetical protein	0,6814	0,00000068
TcCLB.507293.20	dispersed gene family protein 1 (DGF-1, pseudogene), putat	0,6814	0,00003696
TcCLB.509049.30	hypothetical protein, conserved	0,6813	5,471E-13
TcCLB.511815.10	hypothetical protein	0,6813	1,141E-12
TcCLB.510439.30	hypothetical protein, conserved	0,6813	2,304E-10
TcCLB.510103.10	hypothetical protein	0,6812	0,0006353
TcCLB.507625.150	hypothetical protein, conserved	0,6807	0,0001316
TcCLB.504639.60	trans-sialidase, putative	0,6802	0,01501
TcCLB.506297.340	hypothetical protein, conserved	0,6801	2,745E-06
TcCLB.506295.190	glycine dehydrogenase [decarboxylating] (pseudogene), pu	0,6799	0,02363
TcCLB.510283.80	hypothetical protein, conserved	0,6795	0,00007304
TcCLB.511801.34	hypothetical protein, conserved	0,6793	7,616E-06
TcCLB.508647.210	dynein arm light chain, putative	0,6792	1,931E-13
TcCLB.506009.50	hypothetical protein, conserved	0,679	9,477E-09
TcCLB.510465.110	mucin-associated surface protein (MASP, pseudogene), pu	0,6787	0,09285
TcCLB.510543.140	retrotransposon hot spot protein (RHS, pseudogene), putat	0,6784	0,0002616
TcCLB.506759.160	mucin TcMUCII, putative	0,6781	0,5575
TcCLB.504797.60	hypothetical protein, conserved	0,6777	2,622E-08
TcCLB.510061.40	retrotransposon hot spot protein (RHS, pseudogene), putat	0,6775	0,0001161
TcCLB.510495.20	mucin-associated surface protein (MASP), putative	0,6775	0,4915
TcCLB.506211.40	intraflagellar transport protein 52, putative (IFT52)	0,6774	7,73E-13
TcCLB.507811.107	hypothetical protein, conserved	0,6774	0,0001145
TcCLB.511589.140	phosphoenolpyruvate mutase, putative	0,6771	4,106E-10

TcCLB.511469.60	Trk system potassium uptake protein (HKT1)	0,677	8,242E-06
TcCLB.506131.50	hypothetical protein	0,6769	0,438
TcCLB.509211.20	hypothetical protein, conserved	0,6768	1,894E-13
TcCLB.511659.9	hypothetical protein, conserved (fragment)	0,6768	0,00000116
TcCLB.508237.18	SNF2 DNA repair protein, putative	0,6767	0,0000017
TcCLB.511621.120	hypothetical protein, conserved	0,6764	0,00008881
TcCLB.506781.30	mucin TcMUCII, putative	0,6764	0,1318
TcCLB.510165.30	hypothetical protein, conserved	0,6761	4,253E-09
TcCLB.505201.20	dispersed gene family protein 1 (DGF-1, pseudogene), putative	0,6761	0,0007883
TcCLB.508837.120	prohibitin, putative	0,676	1,119E-11
TcCLB.508173.210	hypothetical protein, conserved	0,676	5,85E-10
TcCLB.511521.20	hypothetical protein, conserved	0,676	0,00005872
TcCLB.506289.200	hypothetical protein	0,676	0,1575
TcCLB.506729.80	hypothetical protein, conserved	0,6759	0,00001854
TcCLB.506223.70	hypothetical protein	0,6759	0,003609
TcCLB.510377.420	surface protease GP63, putative	0,6758	0,5133
TcCLB.506201.60	hypothetical protein	0,6755	0,001649
TcCLB.509295.5	retrotransposon hot spot protein (RHS, pseudogene), putative	0,6754	2,899E-08
TcCLB.509699.85	surface protease GP63 (pseudogene), putative	0,6754	0,09389
TcCLB.506789.240	hypothetical protein, conserved	0,6752	0,00002071
TcCLB.503939.84	hypothetical protein, conserved	0,6752	0,001281
TcCLB.511215.119	69 kDa paraflagellar rod protein, putative	0,6751	1,473E-14
TcCLB.506595.65	hypothetical protein	0,6751	0,002168
TcCLB.511843.35	hypothetical protein	0,6749	0,07494
TcCLB.508777.30	hypothetical protein, conserved	0,6746	4,626E-13
TcCLB.508113.20	trans-sialidase (pseudogene), putative	0,6746	0,001157
TcCLB.507777.41	trans-sialidase (pseudogene), putative	0,6744	0,03474
TcCLB.503717.80	mucin-associated surface protein (MASP, pseudogene), putative	0,6744	0,1949
TcCLB.506147.190	hypothetical protein, conserved	0,6743	2,08E-09
TcCLB.510535.64	hypothetical protein, conserved	0,6742	5,861E-08
TcCLB.507787.40	hypothetical protein, conserved	0,6742	0,0002655
TcCLB.507953.110	retrotransposon hot spot protein (RHS, pseudogene), putative	0,6741	0,2177
TcCLB.511217.170	hypothetical protein, conserved	0,674	1,813E-06
TcCLB.504099.50	trans-sialidase, Group II, putative	0,674	0,0004407
TcCLB.510915.10	mucin-associated surface protein (MASP), putative	0,6738	0,0001111
TcCLB.506753.200	hypothetical protein, conserved	0,6735	9,096E-07
TcCLB.509755.70	mucin TcMUCII, putative	0,6735	0,4606
TcCLB.506405.140	hypothetical protein, conserved	0,6733	3,856E-09
TcCLB.507063.150	hypothetical protein, conserved	0,6729	8,318E-07
TcCLB.508177.64	hypothetical protein, conserved	0,6729	0,00001465
TcCLB.509725.139	damage-specific DNA binding protein, putative	0,6728	0,00005016
TcCLB.507669.70	Dynein intermediate chain 1, axonemal (DNAI1)	0,6727	8,39E-08
TcCLB.507085.130	hypothetical protein	0,6726	0,2126
TcCLB.507615.70	deoxyhypusine hydroxylase, putative	0,6722	0,0001133
TcCLB.509023.150	integral membrane transport protein, putative	0,6718	0,0002623

TcCLB.508265.10	glutathione-S-transferase/glutaredoxin, putative	0,6714	3,158E-06
TcCLB.508153.540	hypothetical protein, conserved	0,6713	1,86E-10
TcCLB.506459.230	trans-sialidase, Group V, putative	0,6709	0,005404
TcCLB.506139.100	mucin TcMUCII, putative	0,6697	0,268
TcCLB.508647.110	Present in the outer mitochondrial membrane proteome 1.	0,6696	6,493E-10
TcCLB.509859.20	hypothetical protein, conserved	0,6696	5,368E-06
TcCLB.506405.80	hypothetical protein, conserved	0,6695	0,0001324
TcCLB.473111.10	lathosterol oxidase, putative	0,6692	5,201E-06
TcCLB.506625.35	trans-sialidase (pseudogene), putative	0,6689	0,1039
TcCLB.507383.10	hypothetical protein, conserved	0,6682	0,1336
TcCLB.507809.60	hypothetical protein, conserved	0,6681	2,049E-09
TcCLB.503729.10	hypothetical protein, conserved	0,668	0,0002937
TcCLB.509229.110	hypothetical protein, conserved	0,6678	2,905E-11
TcCLB.503575.50	fatty acyl CoA synthetase, putative	0,6676	4,708E-08
TcCLB.509237.130	Calpain-like protein 1 (CAP5.5)	0,6675	2,252E-18
TcCLB.511609.10	retrotransposon hot spot protein (RHS, pseudogene), putative	0,6674	0,07819
TcCLB.511409.50	hypothetical protein, conserved	0,6671	8,748E-08
TcCLB.506401.50	malonyl-CoA decarboxylase, mitochondrial precursor, putative	0,6669	4,401E-09
TcCLB.508003.30	hypothetical protein, conserved (pseudogene)	0,6669	0,0009689
TcCLB.510065.30	translationally controlled tumor protein (TCTP), putative	0,6665	2,28E-22
TcCLB.506575.70	Present in the outer mitochondrial membrane proteome 4.	0,6664	6,857E-08
TcCLB.510055.110	fructosamine kinase, putative	0,6662	0,0000439
TcCLB.508045.60	hypothetical protein, conserved	0,6661	1,321E-09
TcCLB.510307.140	retrotransposon hot spot protein (RHS, pseudogene), putative	0,666	2,019E-07
TcCLB.506629.50	hypothetical protein, conserved	0,666	1,538E-06
TcCLB.508547.180	hypothetical protein, conserved	0,6656	2,73E-10
TcCLB.506907.30	hypothetical protein, conserved	0,6655	0,0001156
TcCLB.506605.90	hypothetical protein, conserved	0,6652	0,0001011
TcCLB.506943.4	aldehyde dehydrogenase, putative	0,6648	1,821E-12
TcCLB.504427.110	acetyl-CoA synthetase, putative	0,6647	5,143E-08
TcCLB.503433.10	hypothetical protein, conserved	0,6647	0,0001682
TcCLB.508365.130	mucin TcMUCII, putative	0,6647	0,2713
TcCLB.508221.40	mucin TcMUCII, putative	0,6647	0,2924
TcCLB.506697.10	hypothetical protein, conserved	0,6646	4,476E-08
TcCLB.397937.10	pumilio/PUF RNA binding protein 1, putative (PUF1)	0,6645	9,374E-06
TcCLB.511579.9	fatty acyl CoA synthetase 1, putative	0,6645	0,00544
TcCLB.509905.60	trans-sialidase (pseudogene), putative	0,6645	0,01202
TcCLB.511681.20	histone H4, putative	0,6642	0,0018
TcCLB.509507.10	hypothetical protein, conserved	0,6638	2,977E-10
TcCLB.506677.30	hypothetical protein, conserved	0,6627	0,00000386
TcCLB.510983.19	retrotransposon hot spot (RHS) protein, putative	0,6626	0,0003463
TcCLB.507671.10	hypothetical protein	0,6623	0,0008047
TcCLB.511013.10	retrotransposon hot spot protein (RHS, pseudogene), putative	0,6621	0,005626
TcCLB.510421.310	hypothetical protein, conserved	0,662	5,793E-06
TcCLB.510583.140	trans-sialidase (pseudogene), putative	0,662	0,09588

TcCLB.509195.30	mucin-associated surface protein (MASP), putative	0,6615	0,3494
TcCLB.510859.50	hypothetical protein, conserved	0,6614	0,00002202
TcCLB.511635.60	hypothetical protein, conserved	0,6612	1,019E-06
TcCLB.507509.50	polypeptide deformylase-like protein, putative	0,6611	3,982E-06
TcCLB.509715.150	hypothetical protein	0,661	0,005498
TcCLB.504149.150	hypothetical protein, conserved	0,6608	5,548E-12
TcCLB.510853.30	trans-sialidase (pseudogene), putative	0,6607	0,0005062
TcCLB.511671.130	hypothetical protein, conserved	0,6597	5,443E-08
TcCLB.506761.40	mucin-associated surface protein (MASP, pseudogene), pu	0,6597	0,1123
TcCLB.510377.330	trans-sialidase, Group V, putative	0,6591	0,0008778
TcCLB.508175.280	hypothetical protein, conserved	0,6589	1,403E-09
TcCLB.506295.100	hypothetical protein, conserved	0,6587	3,063E-13
TcCLB.508323.84	peptidyl-prolyl cis-trans isomerase, putative	0,6587	0,002124
TcCLB.508541.130	mucin-associated surface protein (MASP), putative	0,6586	0,004802
TcCLB.504109.150	elongation factor, putative	0,6585	4,569E-12
TcCLB.507083.30	apurinic/aprimidinic endonuclease, putative	0,6583	0,0000052
TcCLB.509177.59	hypothetical protein, conserved	0,6583	0,00001463
TcCLB.507957.150	mucin-associated surface protein (MASP), putative	0,6582	0,04388
TcCLB.504239.420	mucin-associated surface protein (MASP), putative	0,6578	0,1574
TcCLB.503399.10	hypothetical protein, conserved	0,6577	0,0004143
TcCLB.509787.30	retrotransposon hot spot protein (RHS, pseudogene), putat	0,6576	0,0001891
TcCLB.507731.10	mucin-associated surface protein (MASP), putative	0,6575	0,08775
TcCLB.508647.264	hypothetical protein, conserved	0,6568	6,887E-10
TcCLB.506779.130	hypothetical protein	0,6567	2,766E-07
TcCLB.506693.40	hypothetical protein, conserved	0,6563	0,009207
TcCLB.506683.180	dispersed gene family protein 1 (DGF-1), putative	0,6562	0,00001985
TcCLB.507975.10	retrotransposon hot spot protein (RHS, pseudogene), putat	0,6559	5,795E-11
TcCLB.510241.90	hypothetical protein, conserved	0,6556	3,478E-10
TcCLB.510885.130	hypothetical protein, conserved	0,6556	0,00004759
TcCLB.511003.150	hypothetical protein	0,6555	2,581E-09
TcCLB.506691.90	serine/threonine protein kinase, putative	0,6555	0,215
TcCLB.510769.190	retrotransposon hot spot protein (RHS, pseudogene), putat	0,6554	0,00003064
TcCLB.511255.299	mucin TcMUCII, putative	0,6554	0,1988
TcCLB.506025.40	hypothetical protein, conserved	0,6552	2,67E-10
TcCLB.511173.340	mucin TcMUCII (pseudogene), putative	0,6547	0,0545
TcCLB.510155.200	hypothetical protein, conserved	0,6545	5,897E-06
TcCLB.507045.5	trans-sialidase (pseudogene), putative	0,6545	0,2359
TcCLB.511313.30	formin, putative	0,6543	0,0119
TcCLB.506263.30	D-isomer specific 2-hydroxyacid dehydrogenase-protein, pu	0,6542	0,02436
TcCLB.510431.274	60S ribosomal protein L37, putative	0,654	7,38E-15
TcCLB.506753.240	hypothetical protein, conserved	0,654	0,001722
TcCLB.508045.70	hypothetical protein, conserved	0,6537	6,84E-17
TcCLB.510279.330	mucin-associated surface protein (MASP), putative	0,6537	0,1126
TcCLB.503733.70	phosphoacetylglucosamine mutase, putative	0,6535	7,327E-06
TcCLB.402857.10	hypothetical protein, conserved (fragment)	0,6531	4,899E-06



TcCLB.504625.80	hypothetical protein, conserved	0,6531	0,0000068
TcCLB.507641.180	endochitinase, putative	0,6531	0,0003115
TcCLB.450489.10	histone acetyltransferase, putative	0,653	0,0001646
TcCLB.506931.20	hypothetical protein, conserved	0,6529	2,568E-07
TcCLB.510641.10	retrotransposon hot spot protein (RHS, pseudogene), putat	0,6529	0,02013
TcCLB.508119.150	hypothetical protein, conserved	0,6528	0,00006865
TcCLB.507443.53	hypothetical protein	0,6528	0,1086
TcCLB.507221.80	5'-3' exoribonuclease C, putative (fragment) (XRNC)	0,6527	6,413E-06
TcCLB.505977.26	60S acidic ribosomal protein P2, putative	0,6524	6,958E-13
TcCLB.504797.10	acidocalcisomal exopolyphosphatase, putative	0,6524	2,834E-06
TcCLB.503957.120	retrotransposon hot spot (RHS) protein, putative	0,6515	0,00000301
TcCLB.510659.130	hypothetical protein, conserved	0,6513	3,027E-16
TcCLB.504219.50	hypothetical protein, conserved (pseudogene)	0,6512	0,4601
TcCLB.506825.80	hypothetical protein, conserved	0,6509	6,778E-11
TcCLB.506109.29	dispersed gene family protein 1 (DGF-1), putative	0,6509	0,001014
TcCLB.509053.140	succinate dehydrogenase subunit	0,6508	7,784E-11
TcCLB.509209.10	endoplasmatic reticulum retrieval protein, putative	0,6507	4,34E-12
TcCLB.504045.100	hypothetical protein, conserved	0,6505	1,827E-07
TcCLB.510577.10	hypothetical protein, conserved	0,6502	0,134
TcCLB.510983.5	trans-sialidase (pseudogene), putative	0,6501	0,08619
TcCLB.508501.230	monothiol glutaredoxin, putative	0,65	0,0003173
TcCLB.503437.21	N-acetyltransferase complex ARD1 subunit (pseudogene),	0,65	0,222
TcCLB.506741.30	mucin-associated surface protein (MASP, pseudogene), pu	0,65	0,46
TcCLB.511183.590	mucin TcMUCII, putative	0,6497	0,07181
TcCLB.508525.30	hypothetical protein, conserved	0,6495	6,434E-09
TcCLB.506171.50	retrotransposon hot spot protein (RHS, pseudogene), putat	0,6495	0,0001645
TcCLB.508257.190	hypothetical protein, conserved	0,6494	0,0005678
TcCLB.511739.30	hypothetical protein, conserved	0,649	0,0008379
TcCLB.510503.130	mucin TcMUCII, putative	0,649	0,2717
TcCLB.504429.70	retrotransposon hot spot protein (RHS, pseudogene), putat	0,6487	3,83E-11
TcCLB.503681.29	30S ribosomal protein S8, putative	0,6486	0,2935
TcCLB.511737.90	hypothetical protein, conserved	0,6484	9,217E-07
TcCLB.511807.270	hypothetical protein, conserved	0,6482	6,461E-11
TcCLB.506297.190	pyruvate phosphate dikinase, putative	0,6479	1,282E-11
TcCLB.506873.10	hypothetical protein, conserved	0,6479	2,112E-08
TcCLB.506251.20	hypothetical protein, conserved	0,6479	0,002603
TcCLB.511009.9	dispersed gene family protein 1 (DGF-1), putative (fragme	0,6475	0,03799
TcCLB.508163.90	trans-sialidase (pseudogene), putative	0,6474	0,1724
TcCLB.510377.410	mucin TcMUCII, putative	0,6473	0,2978
TcCLB.510303.190	cell cycle associated protein MOB1, putative	0,6471	1,595E-07
TcCLB.504351.30	hypothetical protein, conserved (pseudogene)	0,6471	0,001481
TcCLB.508053.5	hypothetical protein, conserved (fragment)	0,6469	0,1844
TcCLB.508503.30	hypothetical protein	0,6468	0,00000505
TcCLB.506021.20	trans-sialidase, Group II, putative	0,6465	0,02952
TcCLB.509437.70	hypothetical protein, conserved	0,6463	2,511E-14

TcCLB.510643.150	ribosomal P protein AGP2beta-1 (pseudogene), putative	0,6463	0,000654
TcCLB.503903.70	hypothetical protein, conserved	0,6461	0,00003675
TcCLB.506393.30	beta galactofuranosyl glycosyltransferase, putative	0,646	0,002853
TcCLB.506887.100	protein kinase, putative	0,6459	0,0003173
TcCLB.510565.40	hypothetical protein	0,6458	0,00002833
TcCLB.507615.110	Present in the outer mitochondrial membrane proteome 3	0,6456	4,001E-06
TcCLB.511815.70	hypothetical protein, conserved	0,6455	0,01075
TcCLB.506063.31	ATP-dependent DEAD/H RNA helicase (pseudogene), putat	0,6454	0,3009
TcCLB.507959.80	mucin-associated surface protein (MASP), putative	0,6453	0,04465
TcCLB.505297.70	mucin TcMUCII, putative	0,6451	0,01684
TcCLB.506375.120	hypothetical protein, conserved	0,6449	2,412E-06
TcCLB.511175.50	mucin TcMUC (pseudogene), putative	0,6446	0,00002312
TcCLB.509817.50	trans-sialidase, Group I, putative	0,6446	0,02757
TcCLB.506855.200	hypothetical protein	0,6446	0,03983
TcCLB.510349.64	hypothetical protein, conserved	0,6444	8,288E-06
TcCLB.507517.80	hypothetical protein, conserved	0,6443	0,00008458
TcCLB.510377.50	trans-sialidase, Group V, putative	0,6442	0,2854
TcCLB.510643.190	retrotransposon hot spot (RHS) protein, putative	0,6441	1,759E-08
TcCLB.503483.9	retrotransposon hot spot (RHS) protein, putative	0,644	1,986E-21
TcCLB.507615.19	microtubule-associated protein, putative, (fragment) (GB4	0,644	4,324E-13
TcCLB.507153.40	tryptophanyl-tRNA synthetase (pseudogene), putative	0,644	0,02752
TcCLB.442427.10	trans-sialidase (pseudogene), putative	0,6439	0,005976
TcCLB.508441.94	mucin TcMUCII, putative	0,6438	0,005774
TcCLB.511817.280	hypothetical protein, conserved	0,6437	4,355E-12
TcCLB.507063.130	protein kinase, putative	0,6436	4,329E-09
TcCLB.503609.24	mucin-associated surface protein (MASP, pseudogene), pu	0,6434	0,1597
TcCLB.510803.19	trans-sialidase, putative	0,6431	0,4943
TcCLB.504077.50	hypothetical protein, conserved	0,643	7,419E-06
TcCLB.511163.24	hypothetical protein, conserved	0,6426	0,001478
TcCLB.510021.10	mucin TcMUCII, putative	0,6426	0,2498
TcCLB.511817.319	hypothetical protein, conserved	0,6424	0,0008133
TcCLB.510655.60	hypothetical protein, conserved	0,6423	0,0001129
TcCLB.510115.50	retrotransposon hot spot protein (RHS, pseudogene), putat	0,6419	0,00003807
TcCLB.508919.70	protein kinase, putative	0,6413	3,295E-09
TcCLB.504277.20	hypothetical protein	0,6411	0,0004399
TcCLB.509029.90	hypothetical protein, conserved	0,6411	0,0005339
TcCLB.510381.5	SNF2 DNA repair protein (pseudogene), putative	0,6411	0,001418
TcCLB.507079.30	multidrug resistance protein E, putative	0,6408	0,01428
TcCLB.510857.10	hypothetical protein, conserved	0,6404	3,201E-08
TcCLB.510483.224	mucin TcMUCII (pseudogene), putative	0,6403	0,2987
TcCLB.507063.40	hypothetical protein, conserved	0,6398	0,0001012
TcCLB.509745.40	hypothetical protein, conserved	0,6395	7,909E-07
TcCLB.510021.30	mucin TcMUCII, putative	0,6394	0,3469
TcCLB.510435.10	hypothetical protein, conserved	0,6393	0,001701
TcCLB.511613.40	mucin-associated surface protein (MASP), putative	0,6393	0,06539

TcCLB.506401.240	hypothetical protein, conserved	0,6391	1,842E-12
TcCLB.504115.110	trans-sialidase (pseudogene), putative	0,6391	0,006605
TcCLB.509995.20	hypothetical protein, conserved	0,6386	2,227E-08
TcCLB.508415.30	hypothetical protein	0,6385	8,548E-08
TcCLB.507087.14	hypothetical protein, conserved	0,6385	0,02489
TcCLB.506067.169	mucin-associated surface protein (MASP), putative	0,6385	0,1666
TcCLB.511089.10	mucin-associated surface protein (MASP), putative	0,6377	0,442
TcCLB.505115.20	hypothetical protein	0,6374	0,1535
TcCLB.509735.70	retrotransposon hot spot protein (RHS, pseudogene), putative	0,6373	3,876E-07
TcCLB.508719.20	hypothetical protein, conserved	0,6373	0,0004819
TcCLB.506129.89	hypothetical protein, conserved	0,6372	8,91E-11
TcCLB.511317.60	hypothetical protein, conserved	0,6371	0,004851
TcCLB.508125.140	mucin-associated surface protein (MASP), putative	0,6371	0,1587
TcCLB.506357.199	hypothetical protein, conserved	0,6369	2,501E-09
TcCLB.507653.110	trans-sialidase (pseudogene), putative	0,6368	0,0000613
TcCLB.511817.130	hypothetical protein, conserved	0,6366	0,0005261
TcCLB.508515.40	protein kinase, putative	0,6364	0,00169
TcCLB.503613.20	proteasome alpha 7 subunit, putative	0,6362	3,699E-07
TcCLB.511733.90	hypothetical protein, conserved	0,6361	0,00003359
TcCLB.510773.110	hypothetical protein, conserved	0,6361	0,001317
TcCLB.506595.70	trans-sialidase (pseudogene), putative	0,6361	0,002336
TcCLB.506321.120	mucin-associated surface protein (MASP), putative	0,6361	0,003751
TcCLB.508499.39	trans-sialidase (pseudogene), putative	0,636	0,0769
TcCLB.506357.10	hypothetical protein, conserved	0,6359	0,0004431
TcCLB.509443.39	hypothetical protein, conserved	0,6359	0,002222
TcCLB.509161.60	hypothetical protein, conserved	0,6358	2,312E-08
TcCLB.507173.30	mucin-associated surface protein (MASP, pseudogene), putative	0,6356	0,1202
TcCLB.506401.280	hypothetical protein, conserved	0,6353	6,675E-07
TcCLB.504081.342	hypothetical protein (pseudogene)	0,6353	0,3137
TcCLB.506627.130	dispersed gene family protein 1 (DGF-1, pseudogene), putative	0,635	0,1076
TcCLB.511001.60	protein kinase, putative	0,6349	7,163E-06
TcCLB.506147.110	hypothetical protein, conserved	0,6348	8,528E-08
TcCLB.509203.14	hypothetical protein	0,6348	0,0178
TcCLB.506335.55	elongation factor 1-gamma (EF-1-gamma, pseudogene), putative	0,6346	0,05217
TcCLB.399373.9	retrotransposon hot spot (RHS) protein, putative (fragment)	0,6342	4,336E-08
TcCLB.511581.10	fatty acyl CoA synthetase 2, putative	0,6342	0,0001391
TcCLB.507071.20	mucin-associated surface protein (MASP), putative	0,6342	0,06866
TcCLB.511391.10	retrotransposon hot spot protein (RHS, pseudogene), putative	0,6338	1,063E-10
TcCLB.507905.39	mucin-associated surface protein (MASP), putative	0,6337	1,211E-08
TcCLB.506001.50	mucin-associated surface protein (MASP), putative	0,6337	0,009844
TcCLB.503973.57	mucin TcMUCII (pseudogene), putative	0,6336	0,1871
TcCLB.503789.60	hypothetical protein, conserved	0,6335	4,495E-06
TcCLB.507627.20	proton motive ATPase 1, putative	0,6333	1,159E-09
TcCLB.510105.200	hypothetical protein, conserved	0,6331	1,069E-14
TcCLB.508619.10	retrotransposon hot spot protein (RHS, pseudogene), putative	0,633	5,194E-06

TcCLB.506843.50	glycine dehydrogenase [decarboxylating] (pseudogene), pu	0,6327	0,1199
TcCLB.511281.20	transporter, putative	0,6325	1,596E-07
TcCLB.504431.50	hypothetical protein, conserved	0,6324	5,69E-08
TcCLB.509141.30	hypothetical protein	0,6323	0,0002022
TcCLB.507885.10	RNA-binding protein, putative	0,6322	0,001236
TcCLB.509717.9	hypothetical protein (pseudogene)	0,6322	0,03908
TcCLB.503901.9	hypothetical protein, conserved (pseudogene)	0,6321	0,0006682
TcCLB.504003.50	hypothetical protein, conserved	0,632	0,0006914
TcCLB.507505.10	trans-sialidase, putative	0,632	0,3792
TcCLB.506801.50	surface protease GP63 (pseudogene), putative	0,6318	0,00314
TcCLB.510149.120	flagellar radial spoke protein-like, putative	0,6316	1,185E-06
TcCLB.504427.120	hypothetical protein, conserved	0,6312	0,00004191
TcCLB.511863.4	retrotransposon hot spot (RHS) protein, putative (fragment)	0,6312	0,00008551
TcCLB.509029.60	hypothetical protein, conserved	0,6311	2,298E-12
TcCLB.508351.40	cytochrome c oxidase assembly factor, putative	0,6311	0,00003175
TcCLB.511173.360	mucin-associated surface protein (MASP), putative	0,631	0,1253
TcCLB.508087.10	hypothetical protein	0,6308	0,00003535
TcCLB.504797.120	hypothetical protein, conserved	0,6307	0,0005469
TcCLB.503909.90	hypothetical protein	0,6305	0,00191
TcCLB.509667.31	hypothetical protein, conserved (pseudogene)	0,6303	0,03854
TcCLB.509611.80	cation-transporting ATPase, putative	0,6299	3,731E-14
TcCLB.507911.15	retrotransposon hot spot protein (RHS, pseudogene), putative	0,6291	0,02719
TcCLB.510555.41	hypothetical protein, conserved (pseudogene)	0,6291	0,2251
TcCLB.510651.20	hypothetical protein, conserved	0,629	0,0007595
TcCLB.509735.150	retrotransposon hot spot protein (RHS, pseudogene), putative	0,6289	1,703E-07
TcCLB.508161.10	mucin-associated surface protein (MASP), putative	0,6289	0,374
TcCLB.510699.110	retrotransposon hot spot protein (RHS, pseudogene), putative	0,6288	0,003159
TcCLB.506717.30	dispersed gene family protein 1 (DGF-1, pseudogene), putative	0,6287	0,005963
TcCLB.506885.180	hypothetical protein, conserved	0,6286	1,493E-06
TcCLB.506357.170	serine/threonine protein phosphatase, putative	0,6286	0,00009842
TcCLB.503893.30	hypothetical protein, conserved	0,6284	4,325E-06
TcCLB.506435.410	uracil phosphoribosyltransferase, putative	0,6283	1,239E-07
TcCLB.508815.130	hypothetical protein, conserved	0,6281	1,492E-09
TcCLB.504119.29	deoxyhypusine synthase, putative	0,6281	1,772E-07
TcCLB.506267.60	mucin TcMUCII, putative	0,628	0,2265
TcCLB.506763.40	hypothetical protein	0,628	0,2616
TcCLB.509581.35	hypothetical protein, conserved (pseudogene)	0,628	0,4064
TcCLB.504155.150	surface protease GP63, putative	0,6278	0,01849
TcCLB.510611.60	nitroreductase	0,6276	3,802E-06
TcCLB.506859.10	ubiquitin-conjugating enzyme E2, putative	0,6276	8,549E-06
TcCLB.508515.50	glycogenin glucosyltransferase, putative	0,6272	0,001446
TcCLB.510155.60	hypothetical protein, conserved	0,6271	0,00005826
TcCLB.430737.20	hypothetical protein, conserved (fragment)	0,6268	0,00225
TcCLB.511875.29	mucin-associated surface protein (MASP, pseudogene), putative	0,6268	0,01784
TcCLB.503823.84	DNA-directed RNA polymerase I subunit, putative	0,6267	0,0001424

TcCLB.508539.80	mucin-associated surface protein (MASP), putative	0,6267	0,03996
TcCLB.511469.40	hypothetical protein, conserved	0,6263	2,447E-09
TcCLB.510851.40	trans-sialidase (pseudogene), putative	0,6263	0,002138
TcCLB.507167.169	dispersed gene family protein 1 (DGF-1), putative	0,6263	0,002821
TcCLB.511809.130	40S ribosomal protein S15, putative	0,6262	7,662E-06
TcCLB.508261.50	mucin-associated surface protein (MASP), putative	0,6258	0,2399
TcCLB.504149.130	hypothetical protein, conserved	0,6254	1,157E-13
TcCLB.504099.10	retrotransposon hot spot (RHS) protein, putative	0,6254	0,0001507
TcCLB.507959.180	surface protease GP63 (pseudogene), putative	0,6254	0,27
TcCLB.509905.100	retrotransposon hot spot protein (RHS, pseudogene), putat	0,625	0,00002559
TcCLB.510089.170	casein kinase I, putative	0,6248	0,0004468
TcCLB.506559.434	hypothetical protein, conserved	0,6247	0,0000139
TcCLB.504001.3	flagellar radial spoke component, putative (fragment)	0,6246	0,000641
TcCLB.511625.149	mucin TcMUCII (pseudogene), putative	0,6246	0,2332
TcCLB.504035.120	hypothetical protein, conserved	0,6245	3,89E-10
TcCLB.506991.10	hypothetical protein, conserved	0,6245	7,576E-06
TcCLB.506975.63	hypothetical protein, conserved	0,6244	0,0001861
TcCLB.510153.10	hypothetical protein, conserved	0,6241	4,036E-07
TcCLB.508567.89	hypothetical protein, conserved	0,6239	0,00000312
TcCLB.506501.50	mucin-associated surface protein (MASP, pseudogene), pu	0,6239	0,313
TcCLB.508377.9	fucose kinase, putative (fragment)	0,6238	2,419E-07
TcCLB.509965.310	hypothetical protein, conserved (pseudogene)	0,6237	1,207E-07
TcCLB.507507.40	ubiquitin hydrolase, putative	0,6233	0,001381
TcCLB.510275.370	mucin-associated surface protein (MASP), putative	0,6231	0,04055
TcCLB.511131.30	hypothetical protein, conserved	0,623	4,173E-09
TcCLB.506769.65	trans-sialidase (pseudogene), putative	0,6229	0,5472
TcCLB.506959.110	hypothetical protein, conserved	0,6226	4,566E-07
TcCLB.510357.100	hypothetical protein, conserved	0,6226	0,00002434
TcCLB.506487.50	trans-sialidase (pseudogene), putative	0,6226	0,001317
TcCLB.507649.90	hypothetical protein, conserved	0,6222	5,066E-08
TcCLB.509127.90	hypothetical protein, conserved	0,6222	0,00000115
TcCLB.505171.30	hypothetical protein, conserved	0,622	7,168E-08
TcCLB.397923.10	mucin-associated surface protein (MASP), putative	0,622	0,1237
TcCLB.508521.20	trans-sialidase, Group VIII, putative	0,6219	0,01974
TcCLB.504147.160	ADP-ribosylation factor-like protein, putative	0,6217	8,738E-08
TcCLB.506207.50	translationally controlled tumor protein (TCTP), putative	0,6216	6,32E-19
TcCLB.509059.30	calcium-binding protein, putative	0,6213	0,0003869
TcCLB.508741.360	hypothetical protein, conserved	0,6212	3,065E-07
TcCLB.503717.50	mucin TcMUCII (pseudogene), putative	0,6212	0,1554
TcCLB.508739.70	protein kinase, putative	0,6211	8,036E-19
TcCLB.509231.23	hypothetical protein, conserved	0,621	4,444E-07
TcCLB.508221.920	mucin-associated surface protein (MASP, pseudogene), pu	0,6209	0,0533
TcCLB.509805.230	hypothetical protein, conserved	0,6204	0,001005
TcCLB.511245.230	hypothetical protein, conserved	0,6201	2,402E-06
TcCLB.503947.11	surface protease GP63, putative (fragment)	0,6201	0,2494

TcCLB.468041.30	retrotransposon hot spot protein (RHS, pseudogene), putative	0,6196	3,264E-10
TcCLB.504077.30	hypothetical protein, conserved	0,6194	2,375E-06
TcCLB.510643.90	mucin-associated surface protein (MASP, pseudogene), putative	0,6193	0,007608
TcCLB.509581.5	retrotransposon hot spot (RHS) protein, putative (fragment)	0,6189	0,008961
TcCLB.510377.150	mucin TcMUCII, putative	0,6188	0,5623
TcCLB.508375.30	aspartate carbamoyltransferase, putative	0,6187	1,403E-06
TcCLB.509295.90	hypothetical protein	0,6187	0,004884
TcCLB.506471.30	trans-sialidase, Group II, putative	0,6185	0,0006034
TcCLB.510299.40	hypothetical protein, conserved	0,6183	1,344E-06
TcCLB.510753.20	hypothetical protein, conserved	0,6182	0,00006146
TcCLB.507091.120	mucin-associated surface protein (MASP), putative	0,6178	0,3881
TcCLB.503467.20	hypothetical protein, conserved	0,6177	9,718E-08
TcCLB.509769.66	hypothetical protein, conserved	0,6177	0,00008586
TcCLB.508781.80	hypothetical protein, conserved	0,6174	1,512E-06
TcCLB.422955.10	hypothetical protein, conserved (pseudogene)	0,6174	4,086E-06
TcCLB.504741.4	hypothetical protein, conserved	0,6173	1,993E-06
TcCLB.507487.10	mucin TcMUCII, putative	0,6173	0,2345
TcCLB.503977.40	mucin TcMUCII, putative	0,6173	0,267
TcCLB.510525.130	Present in the outer mitochondrial membrane proteome 3	0,6172	6,482E-07
TcCLB.503689.10	small GTP-binding protein Rab7, putative	0,6169	0,0000518
TcCLB.508207.240	C-1-tetrahydrofolate synthase, cytoplasmic, putative	0,6166	3,348E-06
TcCLB.503613.79	hypothetical protein	0,6166	0,0006008
TcCLB.511733.10	aldehyde dehydrogenase, putative	0,6165	4,432E-07
TcCLB.510731.90	protein kinase, putative	0,6164	0,0007961
TcCLB.509545.40	trans-sialidase (pseudogene), putative	0,6163	0,04675
TcCLB.507053.160	hypothetical protein, conserved	0,6161	1,198E-12
TcCLB.504081.420	mucin-associated surface protein (MASP), putative	0,616	0,327
TcCLB.458153.10	serine/threonine protein phosphatase, putative (fragment)	0,6156	0,00894
TcCLB.510101.70	protein transport protein SEC61 subunit alpha, putative	0,6155	1,633E-12
TcCLB.508173.70	hypothetical protein, conserved	0,6155	5,717E-07
TcCLB.511517.164	hypothetical protein, conserved	0,6155	0,00004522
TcCLB.507639.20	universal minicircle sequence binding protein, putative (UM)	0,6154	0,0004408
TcCLB.508317.80	mannosyl-oligosaccharide 1,2-alpha-mannosidase IB, putative	0,6151	5,282E-08
TcCLB.506599.395	elongation factor 1-gamma (EF-1-gamma, pseudogene), putative	0,6149	0,2708
TcCLB.507809.30	ribose-phosphate pyrophosphokinase, putative	0,6148	2,409E-11
TcCLB.509569.140	hypothetical protein, conserved	0,6146	1,041E-07
TcCLB.507739.50	hypothetical protein, conserved	0,6146	0,004166
TcCLB.508909.10	OSM3-like kinesin, putative	0,6145	5,185E-08
TcCLB.507787.80	hypothetical protein, conserved	0,6145	0,0009311
TcCLB.503635.20	hypothetical protein, conserved	0,614	0,00001235
TcCLB.510797.39	hypothetical protein, conserved	0,6135	0,0002134
TcCLB.420293.40	beta galactofuranosyl glycosyltransferase (pseudogene), putative	0,6135	0,006641
TcCLB.511303.40	carnitine O-acetyltransferase, putative	0,6134	6,236E-06
TcCLB.509769.90	mitochondrial carrier protein, putative	0,6133	5,011E-07
TcCLB.511603.110	mucin TcMUCII, putative	0,6133	0,3695

TcCLB.506417.60	terbinafine resistance locus protein (yip1), putative	0,6129	1,107E-06
TcCLB.509599.157	serine/threonine protein kinase, putative	0,6128	8,852E-07
TcCLB.506375.50	dispersed gene family protein 1 (DGF-1), putative	0,6128	0,0009623
TcCLB.506951.60	mucin-associated surface protein (MASP), putative	0,6126	0,009825
TcCLB.511899.40	2-amino-3-ketobutyrate coenzyme A ligase, putative	0,6123	2,118E-07
TcCLB.506595.104	ribosomal P protein AGP2beta-1, putative	0,6123	0,009768
TcCLB.507723.30	retrotransposon hot spot protein (RHS, pseudogene), putat	0,6122	0,00005466
TcCLB.511771.75	hypothetical protein	0,6122	0,02998
TcCLB.511807.160	hypothetical protein, conserved	0,6121	0,0008438
TcCLB.505971.20	hypothetical protein	0,6118	0,0117
TcCLB.503995.40	hypothetical protein, conserved	0,6117	0,0004151
TcCLB.511755.19	hypothetical protein, conserved	0,6117	0,08112
TcCLB.510271.30	trans-sialidase (pseudogene), putative	0,6113	0,05156
TcCLB.511217.120	peptidyl-prolyl cis-trans isomerase, putative	0,6108	0,0001202
TcCLB.507899.10	retrotransposon hot spot protein (RHS, pseudogene), putat	0,6108	0,0004162
TcCLB.510371.50	mucin-associated surface protein (MASP), putative	0,6107	0,1233
TcCLB.509967.40	hypothetical protein, conserved	0,6106	9,689E-06
TcCLB.510409.10	protein kinase, putative	0,6106	0,05804
TcCLB.509525.234	mucin TcMUCII, putative	0,6105	0,2997
TcCLB.506705.20	adenosine kinase, putative	0,6104	0,002212
TcCLB.506025.60	2-oxoglutarate dehydrogenase, E2 component, dihydrolipo:	0,6101	2,656E-11
TcCLB.510021.80	90 kDa surface protein, putative	0,6096	0,2119
TcCLB.511863.20	hypothetical protein, conserved	0,6093	0,0000012
TcCLB.506265.140	hypothetical protein, conserved	0,6093	0,00005174
TcCLB.508379.10	fucose kinase, putative	0,6093	0,003054
TcCLB.506759.31	surface protease GP63 (pseudogene), putative	0,6093	0,1394
TcCLB.506999.160	hypothetical protein	0,6086	0,02137
TcCLB.511727.310	Leucine-rich repeat-containing protein ODA7 (ODA7)	0,6083	1,978E-07
TcCLB.510997.40	enoyl-CoA hydratase/isomerase family protein, putative	0,6083	3,307E-07
TcCLB.510533.180	microtubule-associated protein 1A/1B, light chain 3, putati	0,6082	0,03129
TcCLB.504975.10	mucin-associated surface protein (MASP, pseudogene), pu	0,6081	0,1558
TcCLB.511575.110	hypothetical protein, conserved	0,6076	4,873E-08
TcCLB.508731.50	dynein light chain Tctex-type, putative	0,6074	0,0005364
TcCLB.509259.123	hypothetical protein (pseudogene)	0,6073	0,007395
TcCLB.509217.170	hypothetical protein	0,6073	0,1885
TcCLB.510933.20	mucin-associated surface protein (MASP), putative	0,6073	0,1934
TcCLB.503903.60	hypothetical protein, conserved	0,6072	2,734E-08
TcCLB.506821.80	hypothetical protein, conserved	0,6069	0,007273
TcCLB.506331.104	retrotransposon hot spot protein (RHS, pseudogene), putat	0,6069	0,009033
TcCLB.506911.30	trans-sialidase, Group V, putative	0,6069	0,03298
TcCLB.508641.100	hypothetical protein, conserved	0,6067	1,392E-06
TcCLB.503507.50	mucin TcMUCII, putative	0,6064	0,2508
TcCLB.510395.30	GTPase, putative	0,6061	0,000122
TcCLB.510361.90	surface protease GP63, putative	0,606	0,1631
TcCLB.506159.5	trans-sialidase, putative (fragment)	0,6059	0,4524

TcCLB.503619.10	meiotic recombination protein SPO11, putative	0,6056	0,01041
TcCLB.507995.20	trans-sialidase, putative	0,6056	0,2455
TcCLB.508879.150	hypothetical protein, conserved	0,6054	0,000298
TcCLB.424383.9	trans-sialidase (pseudogene), putative	0,6053	0,06162
TcCLB.509519.9	dispersed gene family protein 1 (DGF-1), putative (fragme	0,6052	0,3375
TcCLB.511089.140	mucin-associated surface protein (MASP), putative	0,605	0,1933
TcCLB.509889.9	dispersed gene family protein 1 (DGF-1), putative	0,6049	0,04943
TcCLB.508879.110	hypothetical protein, conserved	0,6048	2,664E-06
TcCLB.508293.120	hypothetical protein	0,6048	0,2652
TcCLB.508893.30	hypothetical protein, conserved	0,6047	0,002264
TcCLB.510323.50	hypothetical protein, conserved	0,6046	0,0006426
TcCLB.507167.50	hypothetical protein, conserved (pseudogene)	0,6046	0,001195
TcCLB.503429.39	trans-sialidase, putative	0,604	0,2285
TcCLB.506801.120	protein kinase, putative	0,6039	3,927E-06
TcCLB.503599.70	hypothetical protein, conserved	0,6039	0,0002041
TcCLB.457547.9	dispersed gene family protein 1 (DGF-1), putative	0,6037	0,04108
TcCLB.506777.120	protein kinase, putative	0,6035	0,000107
TcCLB.508859.20	hypothetical protein, conserved	0,6035	0,0004996
TcCLB.506579.119	hypothetical protein, conserved	0,6034	0,02778
TcCLB.510345.20	hypothetical protein	0,6032	0,005239
TcCLB.507497.20	retrotransposon hot spot protein (RHS, pseudogene), putat	0,6032	0,07597
TcCLB.507233.10	trans-sialidase, Group III, putative	0,6032	0,2037
TcCLB.510259.40	hypothetical protein, conserved	0,6031	0,02822
TcCLB.506213.90	hypothetical protein, conserved	0,603	1,229E-06
TcCLB.506563.200	calpain cysteine peptidase, putative	0,6029	3,172E-09
TcCLB.508305.50	mucin-associated surface protein (MASP), putative	0,6025	0,1259
TcCLB.506761.11	mucin-associated surface protein (MASP), putative (fragm	0,6024	0,4611
TcCLB.510863.20	hypothetical protein	0,602	3,174E-06
TcCLB.506741.80	mucin TcMUCII, putative	0,602	0,4637
TcCLB.504029.101	hypothetical protein, conserved	0,6019	0,0001832
TcCLB.507093.44	dynein light chain, putative	0,6018	0,001087
TcCLB.509629.10	trans-sialidase, Group III, putative	0,6014	0,1415
TcCLB.508971.10	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, pi	0,6012	0,002009
TcCLB.510155.180	eukaryotic initiation factor 4a, putative	0,6011	4,44E-11
TcCLB.507653.40	dispersed gene family protein 1 (DGF-1), putative	0,6008	0,009234
TcCLB.511817.240	hypothetical protein, conserved	0,6006	0,00002935
TcCLB.510307.284	trans-sialidase, Group IV, putative	0,6005	0,00000617
TcCLB.506605.210	leucine-rich repeat protein (LRRP), putative	0,6004	4,972E-08
TcCLB.511711.80	Ras-related protein RAB2B, putative (RAB2B)	0,6	4,084E-06
TcCLB.511873.30	trans-sialidase (pseudogene), putative	0,6	0,004525
TcCLB.508461.210	hypothetical protein, conserved	0,5999	3,598E-06
TcCLB.510861.80	hypothetical protein	0,5999	0,00009578
TcCLB.511023.19	Tetratricopeptide-like helical domain containing protein (fi	0,5999	0,0004901
TcCLB.408547.10	mucin-associated surface protein (MASP), putative	0,5998	0,1288
TcCLB.510187.370	hypothetical protein, conserved	0,5997	0,0008817



TcCLB.511821.30	Mu-adaptin 1, putative	0,5996	1,364E-06
TcCLB.506193.70	glucose-6-phosphate dehydrogenase (pseudogene), putative	0,5996	0,00003261
TcCLB.506763.234	mucin-associated surface protein (MASP, pseudogene), putative	0,5996	0,1918
TcCLB.503899.110	glutathione peroxidase-like protein, putative	0,5994	0,00000542
TcCLB.510101.480	hypothetical protein, conserved	0,5991	0,00002179
TcCLB.504031.30	mucin-associated surface protein (MASP), putative	0,5991	0,06304
TcCLB.506851.20	choline dehydrogenase, putative	0,599	1,542E-09
TcCLB.407477.10	thiolase protein-like protein, putative	0,599	0,00001597
TcCLB.511191.19	ras-related protein Rab21, putative	0,5989	3,087E-06
TcCLB.511693.100	long-chain-fatty-acid-CoA ligase, putative	0,5988	1,171E-09
TcCLB.511817.310	hypothetical protein, conserved	0,5986	9,693E-10
TcCLB.508785.10	Present in the outer mitochondrial membrane proteome 1'	0,5986	0,00002898
TcCLB.509857.20	hypothetical protein, conserved	0,5986	0,00004631
TcCLB.510349.40	hypothetical protein, conserved	0,5985	2,251E-11
TcCLB.510853.40	trans-sialidase, Group IV, putative	0,5982	0,00004983
TcCLB.508899.100	hypothetical protein, conserved	0,5982	0,001483
TcCLB.508441.30	protein kinase, putative	0,5978	0,01149
TcCLB.509993.60	mucin TcMUCL, putative	0,5978	0,2801
TcCLB.506035.10	retrotransposon hot spot protein (RHS, pseudogene), putative	0,5977	0,0001414
TcCLB.507275.10	protein kinase, putative	0,5977	0,001573
TcCLB.507121.11	trans-sialidase, putative (fragment)	0,5976	0,3623
TcCLB.506895.40	Kinesin-13 1, putative (KIN13-1)	0,5975	2,091E-08
TcCLB.506763.280	mucin-associated surface protein (MASP), putative	0,5975	0,07502
TcCLB.506773.170	hypothetical protein, conserved	0,5974	3,901E-06
TcCLB.504201.40	mucin-associated surface protein (MASP), putative	0,5974	0,1738
TcCLB.511843.90	hypothetical protein, conserved (pseudogene)	0,5973	0,006224
TcCLB.504239.434	trans-sialidase, putative (fragment)	0,5973	0,3563
TcCLB.507609.150	hypothetical protein (pseudogene)	0,5972	0,07814
TcCLB.509917.19	retrotransposon hot spot (RHS) protein, putative (fragment)	0,5971	1,158E-10
TcCLB.506041.50	cytochrome c oxidase assembly protein, putative	0,5969	0,00008529
TcCLB.508993.10	cytidine triphosphate synthase, putative	0,5968	2,302E-11
TcCLB.510993.19	hypothetical protein	0,5968	0,00744
TcCLB.506269.45	trans-sialidase (pseudogene), putative	0,5967	0,4309
TcCLB.508501.310	hypothetical protein, conserved	0,5966	3,254E-06
TcCLB.506599.100	mucin-associated surface protein (MASP), putative	0,5965	0,2707
TcCLB.506499.10	hypothetical protein, conserved (pseudogene)	0,5964	0,4616
TcCLB.506323.10	dispersed gene family protein 1 (DGF-1, pseudogene), putative	0,5963	0,002914
TcCLB.503677.4	hypothetical protein, conserved	0,5961	0,2784
TcCLB.511167.40	hypothetical protein, conserved	0,5959	0,003768
TcCLB.506803.30	retrotransposon hot spot protein (RHS, pseudogene), putative	0,5959	0,1061
TcCLB.507993.290	hypothetical protein, conserved	0,5958	0,0003025
TcCLB.508539.150	surface protease GP63 (pseudogene), putative	0,5958	0,1171
TcCLB.507747.110	mucin TcMUCII, putative	0,5957	0,1374
TcCLB.510579.40	hypothetical protein, conserved	0,5955	0,000246
TcCLB.508613.10	hypothetical protein, conserved	0,5951	3,95E-07

TcCLB.511757.70	trans-sialidase, Group II, putative	0,5951	0,00522
TcCLB.506147.80	Present in the outer mitochondrial membrane proteome 6	0,5948	0,00001658
TcCLB.507969.10	vesicular transport-associated repeat protein, putative	0,5947	1,708E-09
TcCLB.506527.4	hypothetical protein, conserved (fragment)	0,5945	1,055E-06
TcCLB.483183.10	trans-sialidase, putative (fragment)	0,5945	0,4009
TcCLB.507317.50	hypothetical protein, conserved	0,5944	1,093E-08
TcCLB.457101.10	hypothetical protein, conserved	0,5943	0,00000015
TcCLB.510205.40	trans-sialidase, Group V, putative	0,5943	0,02884
TcCLB.511539.9	hypothetical protein, conserved	0,5939	1,832E-07
TcCLB.506679.80	SNF1-related protein kinases, putative	0,5936	3,077E-07
TcCLB.506513.150	hypothetical protein, conserved	0,5936	0,0003816
TcCLB.509537.70	hypothetical protein, conserved	0,5934	0,00004709
TcCLB.506661.140	hypothetical protein, conserved	0,5931	1,236E-07
TcCLB.507615.90	hypothetical protein, conserved	0,5928	5,701E-13
TcCLB.507645.59	hypothetical protein, conserved	0,5928	0,006303
TcCLB.510691.10	1,2-Dihydroxy-3-keto-5-methylthiopentene dioxygenase, pu	0,5927	7,803E-06
TcCLB.506649.110	hypothetical protein, conserved	0,5927	0,004835
TcCLB.510027.20	transporter, putative	0,5926	0,0006066
TcCLB.511077.160	mucin TcMUCII, putative	0,5926	0,3361
TcCLB.510575.220	hypothetical protein, conserved	0,5923	0,00006222
TcCLB.509601.130	hypothetical protein, conserved	0,5922	0,00672
TcCLB.511383.50	prohibitin, putative	0,5918	3,756E-08
TcCLB.505171.40	hypothetical protein, conserved	0,5917	0,00005633
TcCLB.506757.129	mucin-associated surface protein (MASP, pseudogene), pu	0,5917	0,01376
TcCLB.511815.24	hypothetical protein, conserved	0,5915	2,232E-08
TcCLB.433033.10	retrotransposon hot spot protein (RHS, pseudogene), putat	0,5914	0,0004043
TcCLB.507071.250	mucin TcMUCII, putative	0,5913	0,2949
TcCLB.510079.49	dispersed gene family protein 1 (DGF-1), putative (fragme	0,591	0,01471
TcCLB.503619.25	hypothetical protein, conserved	0,5908	0,003281
TcCLB.504153.330	hypothetical protein, conserved	0,5907	2,075E-11
TcCLB.510901.20	hypothetical protein	0,5907	0,007484
TcCLB.504039.130	mucin-associated surface protein (MASP), putative	0,5905	0,2491
TcCLB.510105.230	glyceraldehyde 3-phosphate dehydrogenase, cytosolic, puta	0,5904	0,00009824
TcCLB.510421.60	hypothetical protein, conserved	0,5903	6,388E-06
TcCLB.511181.50	metallo-peptidase, Clan ME, Family M16	0,5902	5,066E-11
TcCLB.506595.120	trans-sialidase (pseudogene), putative	0,5901	0,0001283
TcCLB.509797.60	hypothetical protein	0,59	0,00002566
TcCLB.506375.60	tryptophanyl-tRNA synthetase, putative	0,5899	0,0009714
TcCLB.505267.20	trans-sialidase (pseudogene), putative	0,5899	0,133
TcCLB.507681.50	hypothetical protein, conserved	0,5898	1,047E-09
TcCLB.509217.140	hypothetical protein, conserved (pseudogene)	0,5898	0,005427
TcCLB.506675.90	retrotransposon hot spot protein (RHS, pseudogene), putat	0,5897	0,002804
TcCLB.510085.50	trans-sialidase (pseudogene), putative	0,5897	0,1025
TcCLB.508999.60	mucin TcMUCII, putative	0,5897	0,1202
TcCLB.509947.10	mucin TcMUCII, putative	0,5895	0,05416

TcCLB.507773.34	60S ribosomal protein L37, putative	0,5894	3,289E-09
TcCLB.506961.50	dispersed gene family protein 1 (DGF-1), putative	0,5891	0,00005574
TcCLB.506773.40	3-methylcrotonoyl-CoA carboxylase beta subunit, putative	0,5887	5,441E-13
TcCLB.503763.30	retrotransposon hot spot protein (RHS, pseudogene), putat	0,5886	2,199E-08
TcCLB.438059.10	serine/threonine-protein phosphatase PP1 alpha	0,5886	0,00735
TcCLB.511689.10	hypothetical protein	0,5883	0,007293
TcCLB.503899.130	glutathione peroxidase-like protein, putative	0,5881	0,0004422
TcCLB.510497.130	retrotransposon hot spot protein (RHS, pseudogene), putat	0,5878	0,009665
TcCLB.508289.20	mucin TcMUCII, putative	0,5877	0,5239
TcCLB.422867.20	retrotransposon hot spot protein (RHS, pseudogene), putat	0,5876	0,000192
TcCLB.504231.10	hypothetical protein, conserved	0,5872	7,316E-06
TcCLB.511557.10	serine peptidase, clan SC, family S9A-like protein (OPB)	0,5871	6,509E-12
TcCLB.509419.49	mucin-associated surface protein (MASP, pseudogene), pu	0,5871	0,4965
TcCLB.511585.320	retrotransposon hot spot (RHS) protein, putative	0,5869	5,281E-06
TcCLB.510697.105	hypothetical protein, conserved (pseudogene)	0,5866	0,1918
TcCLB.511293.80	hypothetical protein, conserved	0,5862	0,0000435
TcCLB.503829.10	hypothetical protein, conserved	0,5861	0,0007241
TcCLB.510693.314	mucin TcMUCII (pseudogene), putative	0,5859	0,0539
TcCLB.509151.120	hypothetical protein, conserved	0,5858	8,846E-07
TcCLB.506765.74	mucin-associated surface protein (MASP), putative	0,5857	0,2321
TcCLB.509053.170	DREV methyltransferase, putative	0,5856	0,0000656
TcCLB.511769.10	hypothetical protein	0,5856	0,02413
TcCLB.511211.200	hypothetical protein, conserved	0,5855	5,971E-06
TcCLB.507491.90	protein kinase, putative	0,5853	0,0004576
TcCLB.508221.780	hypothetical protein	0,5852	0,1098
TcCLB.511871.60	hypothetical protein, conserved (pseudogene)	0,5846	0,00005941
TcCLB.506885.124	Enriched in surface-labeled proteome protein 19 (SLS3)	0,5842	5,148E-06
TcCLB.506825.219	hypothetical protein, conserved	0,584	2,23E-08
TcCLB.506839.10	serine/threonine kinase, putative	0,5837	0,7031
TcCLB.508461.142	hypothetical protein	0,5835	0,0000195
TcCLB.509643.90	serine peptidase, putative	0,5834	8,927E-06
TcCLB.510635.10	trans-sialidase, Group VII, putative	0,5832	0,1262
TcCLB.510151.10	fatty acyl CoA syntetase 1, putative	0,5831	0,00003903
TcCLB.508389.154	mucin-associated surface protein (MASP), putative	0,583	0,2252
TcCLB.504575.20	hypothetical protein, conserved	0,5828	0,0001969
TcCLB.511261.30	NADH-ubiquinone oxidoreductase complex I subunit, putati	0,5827	3,868E-07
TcCLB.507049.50	ABC transporter, putative	0,5826	0,00003762
TcCLB.506955.212	mucin-associated surface protein (MASP), putative	0,5826	0,1256
TcCLB.508169.110	hypothetical protein, conserved	0,5825	0,001741
TcCLB.507623.80	hypothetical protein, conserved	0,5824	0,00006198
TcCLB.511183.360	mucin-associated surface protein (MASP), putative	0,5821	0,08668
TcCLB.509819.20	hypothetical protein, conserved	0,582	1,347E-11
TcCLB.508263.30	kinesin, putative	0,582	2,172E-06
TcCLB.511357.9	hypothetical protein, conserved	0,582	5,316E-06
TcCLB.418221.20	hypothetical protein, conserved	0,5818	1,827E-08

TcCLB.511821.90	hypothetical protein, conserved	0,5815	0,001257
TcCLB.506443.110	retrotransposon hot spot protein (RHS, pseudogene), putat	0,5814	0,0006718
TcCLB.506455.30	trans-sialidase, Group II, putative	0,5814	0,06213
TcCLB.506529.535	hypothetical protein, conserved	0,5814	0,3688
TcCLB.509657.40	mucin TcMUCII, putative	0,5811	0,1367
TcCLB.507069.50	mucin-associated surface protein (MASP, pseudogene), pu	0,581	0,2444
TcCLB.509207.30	hypothetical protein, conserved	0,5809	0,0007565
TcCLB.506965.10	mucin TcMUCII, putative	0,5809	0,283
TcCLB.506463.10	Lys-63-specific deubiquitinase BRCC36, putative	0,5808	0,00008889
TcCLB.507017.20	Present in the outer mitochondrial membrane proteome 3l	0,5803	0,00005395
TcCLB.508173.260	hypothetical protein, conserved	0,5802	0,00000122
TcCLB.511649.150	phosphoglycerate mutase protein, putative	0,58	0,0001179
TcCLB.506351.9	5'-3' exoribonuclease A, putative (fragment) (XRNA)	0,5797	0,0003777
TcCLB.509217.146	N-acetyltransferase complex ARD1 subunit (pseudogene),	0,5797	0,3715
TcCLB.506659.10	immunodominant antigen, putative	0,5795	1,307E-10
TcCLB.507601.130	hypothetical protein, conserved	0,5795	7,002E-07
TcCLB.510307.10	surface protease GP63, putative	0,5794	0,1666
TcCLB.510519.50	hypothetical protein, conserved	0,5793	0,0009643
TcCLB.503429.30	mucin-associated surface protein (MASP), putative	0,5791	0,2991
TcCLB.511727.270	RNA-binding protein, putative	0,5785	1,538E-15
TcCLB.506153.10	amino acid transporter, putative	0,5785	3,426E-12
TcCLB.507765.110	hypothetical protein, conserved	0,5785	1,215E-08
TcCLB.509151.40	inorganic polyphosphate/ATP-NAD kinase, putative	0,5783	1,956E-12
TcCLB.510371.35	hypothetical protein, conserved (pseudogene)	0,5782	0,4104
TcCLB.511919.20	trans-sialidase, Group V, putative	0,578	0,002951
TcCLB.506767.127	hypothetical protein, conserved (pseudogene)	0,5778	0,4531
TcCLB.506495.9	hypothetical protein, conserved	0,5777	5,092E-06
TcCLB.506999.50	hypothetical protein, conserved	0,5776	2,658E-06
TcCLB.510373.60	mucin-associated surface protein (MASP), putative	0,5774	0,09308
TcCLB.510019.10	mucin TcMUCII, putative	0,5772	0,3733
TcCLB.509825.20	hypothetical protein, conserved	0,577	0,00007428
TcCLB.508869.20	mucin-associated surface protein (MASP), putative	0,577	0,2381
TcCLB.506227.150	Flagellum matrix protein 458 (PKA-R)	0,5768	6,162E-06
TcCLB.509167.110	S-adenosylmethionine decarboxylase proenzyme, putative	0,5768	8,289E-06
TcCLB.508799.120	amino acid permease/transporter, putative	0,5763	9,19E-08
TcCLB.508629.26	retrotransposon hot spot protein (RHS, pseudogene), putat	0,576	0,004912
TcCLB.508173.230	hypothetical protein, conserved	0,5759	6,397E-08
TcCLB.508469.30	hypothetical protein, conserved	0,5759	0,0001485
TcCLB.511411.30	arginine permease (AAP411)	0,5758	0,2708
TcCLB.511017.50	glycosomal membrane protein, putative	0,5757	2,844E-08
TcCLB.510155.120	ubiquitin activating enzyme, putative	0,5757	2,031E-06
TcCLB.503403.20	trans-sialidase, Group II, putative	0,5757	0,1066
TcCLB.510583.70	mucin TcMUCII, putative	0,5757	0,2794
TcCLB.509871.10	retrotransposon hot spot protein (RHS, pseudogene), putat	0,5755	2,146E-07
TcCLB.508893.20	hypothetical protein, conserved	0,5753	3,047E-08

TcCLB.506743.200	3-Beta-hydroxysteroid-delta(8), delta(7)-isomerase, putative	0,5752	0,004483
TcCLB.506843.80	trans-sialidase (pseudogene), putative	0,5752	0,02559
TcCLB.508559.90	retrotransposon hot spot (RHS) protein, putative	0,5749	0,0002716
TcCLB.506635.90	ubiquitin-protein ligase, putative	0,5747	0,001355
TcCLB.507559.90	hypothetical protein	0,5743	7,616E-10
TcCLB.506335.50	mucin-associated surface protein (MASP), putative	0,5741	0,066
TcCLB.506537.240	hypothetical protein, conserved	0,5739	0,005151
TcCLB.510749.40	ubiquitin hydrolase, putative	0,5738	0,1025
TcCLB.508909.210	hypothetical protein, conserved	0,5732	1,746E-08
TcCLB.509979.14	peroxisomal membrane protein 4, putative	0,5732	0,00002259
TcCLB.506247.24	hypothetical protein, conserved	0,5732	0,03259
TcCLB.503855.50	hypothetical protein, conserved	0,573	3,348E-13
TcCLB.507875.210	retrotransposon hot spot protein (RHS, pseudogene), putative	0,573	1,255E-08
TcCLB.507049.65	hypothetical protein, conserved (pseudogene)	0,5729	0,06723
TcCLB.510857.40	RNA-editing complex protein, putative	0,5724	2,089E-06
TcCLB.511277.570	60S ribosomal protein L7, putative	0,5721	7,456E-07
TcCLB.453445.20	ubiquitin-conjugating enzyme E2, putative	0,5721	5,651E-06
TcCLB.504081.350	mucin-associated surface protein (MASP), putative	0,5716	0,1814
TcCLB.504023.10	hypothetical protein, conserved	0,5714	0,00224
TcCLB.509925.10	mucin-associated surface protein (MASP), putative	0,5713	0,08219
TcCLB.509223.10	dispersed gene family protein 1 (DGF-1, pseudogene), putative	0,5712	0,000551
TcCLB.503487.30	hypothetical protein, conserved	0,5711	0,0002606
TcCLB.510303.270	hypothetical protein, conserved	0,5706	3,357E-13
TcCLB.508375.89	fucose kinase, putative (fragment)	0,5705	0,1215
TcCLB.506435.400	hypothetical protein, conserved	0,5704	2,288E-08
TcCLB.508463.29	hypothetical protein, conserved	0,5704	0,0001689
TcCLB.511371.10	retrotransposon hot spot (RHS) protein, putative	0,5703	0,00003324
TcCLB.510731.20	hypothetical protein, conserved	0,5701	0,00001527
TcCLB.507121.20	trans-sialidase, Group VII, putative	0,5701	0,003797
TcCLB.503715.20	hypothetical protein	0,5694	0,000218
TcCLB.508401.10	trans-sialidase, putative	0,5694	0,2595
TcCLB.511697.30	hypothetical protein	0,5692	0,1303
TcCLB.508793.14	dynein regulatory complex subunit, putative (fragment)	0,5691	1,257E-06
TcCLB.509029.70	leucine-rich repeat protein, putative	0,5691	0,0001272
TcCLB.508971.50	ubiquitin-protein ligase-like, putative	0,569	4,718E-11
TcCLB.507559.30	hypothetical protein, conserved	0,569	0,00001243
TcCLB.508153.270	heat shock protein 20, putative	0,569	0,00001582
TcCLB.510317.7	Present in the outer mitochondrial membrane proteome 2.	0,5689	2,973E-08
TcCLB.509569.160	hypothetical protein, conserved	0,5688	0,00001467
TcCLB.506525.150	hypothetical protein, conserved	0,5685	2,924E-08
TcCLB.507669.90	hypothetical protein, conserved	0,5685	5,825E-06
TcCLB.506759.170	mucin-associated surface protein (MASP), putative	0,5685	0,1978
TcCLB.510683.20	hypothetical protein, conserved	0,5683	0,00009154
TcCLB.506289.150	mucin-associated surface protein (MASP), putative	0,5678	0,07042
TcCLB.508415.20	hypothetical protein, conserved	0,5677	0,00005321

TcCLB.506401.300	hypothetical protein, conserved	0,5675	0,00001859
TcCLB.509911.74	hypothetical protein, conserved	0,5674	0,00001529
TcCLB.508247.100	hypothetical protein (pseudogene)	0,5674	0,1415
TcCLB.511171.50	mucin-associated surface protein (MASP, pseudogene), pu	0,5674	0,1826
TcCLB.509635.9	hypothetical protein, conserved	0,5673	0,00003395
TcCLB.504131.40	hypothetical protein, conserved	0,5672	0,00001783
TcCLB.508493.60	trans-sialidase (pseudogene), putative	0,5669	0,0007478
TcCLB.509809.39	P-type H -ATPase, putative	0,5668	1,401E-11
TcCLB.509971.60	surface protease GP63, putative	0,5666	0,2742
TcCLB.509177.40	hypothetical protein, conserved	0,5664	0,0001955
TcCLB.509683.20	hypothetical protein, conserved	0,5663	1,749E-07
TcCLB.503881.20	GDP-mannose 4,6 dehydratase, putative	0,5661	0,00000397
TcCLB.509899.100	trans-sialidase, Group V, putative	0,5661	0,00689
TcCLB.509229.70	hypothetical protein, conserved	0,566	0,0002729
TcCLB.508879.60	hypothetical protein, conserved	0,5658	4,859E-10
TcCLB.507099.50	programmed cell death 6 protein-like, putative	0,5658	0,00001526
TcCLB.453917.9	hypothetical protein, conserved	0,5657	0,0008031
TcCLB.508977.50	mucin-associated surface protein (MASP), putative	0,5653	0,07978
TcCLB.510121.170	cysteine peptidase, Clan CA, family C2, putative	0,5652	1,738E-11
TcCLB.411337.10	retrotransposon hot spot protein (RHS, pseudogene), putat	0,5649	0,01247
TcCLB.511657.79	hypothetical protein, conserved	0,5646	0,06478
TcCLB.511621.90	esterase, putative	0,5645	0,0013
TcCLB.506401.150	hypothetical protein, conserved	0,5637	0,0007591
TcCLB.509633.50	serine/threonine-protein phosphatase PP1, putative	0,5636	0,0716
TcCLB.504137.160	hypothetical protein, conserved	0,5635	0,005313
TcCLB.506145.10	hypothetical protein, conserved	0,5634	6,359E-12
TcCLB.511323.60	hypothetical protein, conserved	0,5634	0,0000101
TcCLB.506479.130	cytidine triphosphate synthase, putative	0,5631	0,0001254
TcCLB.506993.40	mucin TcMUCII, putative	0,5631	0,3803
TcCLB.504557.40	hypothetical protein	0,563	0,2018
TcCLB.508865.30	immunodominant antigen, putative	0,5625	1,849E-15
TcCLB.510533.210	hypothetical protein, conserved (pseudogene)	0,5623	0,00003729
TcCLB.400945.10	trans-sialidase (pseudogene), putative	0,5623	0,2299
TcCLB.511725.30	hypothetical protein, conserved	0,5622	0,005466
TcCLB.511175.40	mucin TcMUCII, putative	0,562	0,1284
TcCLB.508761.280	mucin TcMUCII, putative	0,562	0,254
TcCLB.421951.10	trans-sialidase, putative (fragment)	0,562	0,4853
TcCLB.506465.10	hypothetical protein, conserved	0,5618	0,00002465
TcCLB.503823.120	hypothetical protein, conserved	0,5617	0,0006065
TcCLB.506605.150	60S ribosomal protein, putative	0,5616	0,0007576
TcCLB.508265.100	hypothetical protein, conserved	0,5615	7,615E-10
TcCLB.509799.110	hypothetical protein, conserved	0,5613	0,007517
TcCLB.506311.30	hypothetical protein, conserved	0,5612	0,000176
TcCLB.508029.20	ubiquitin-protein ligase, putative	0,5612	0,002718
TcCLB.503939.40	hypothetical protein, conserved	0,5611	8,24E-08

TcCLB.507087.80	5'-3' exoribonuclease B, putative (XRNB)	0,561	1,234E-06
TcCLB.505945.80	hypothetical protein, conserved	0,561	0,00001365
TcCLB.510783.30	dispersed gene family protein 1 (DGF-1, pseudogene), putative	0,561	0,1829
TcCLB.511553.5	trans-sialidase (pseudogene), putative	0,561	0,4004
TcCLB.503627.20	protein kinase, putative	0,5607	2,981E-09
TcCLB.504425.70	hypothetical protein, conserved	0,5607	4,107E-06
TcCLB.503973.80	mucin-associated surface protein (MASP), putative	0,5607	0,1883
TcCLB.504057.90	hypothetical protein, conserved	0,5605	1,595E-07
TcCLB.508325.230	trans-sialidase, Group IV, putative	0,5604	3,078E-08
TcCLB.507669.80	protein phosphatase, putative	0,5604	4,047E-07
TcCLB.505989.90	hypothetical protein, conserved	0,5602	1,634E-06
TcCLB.506825.50	hypothetical protein, conserved	0,5601	5,446E-08
TcCLB.511321.20	hypothetical protein, conserved	0,5599	3,23E-08
TcCLB.504155.280	trans-sialidase (pseudogene), putative	0,5599	0,03744
TcCLB.506337.50	hypothetical protein, conserved	0,5598	9,867E-08
TcCLB.507907.30	retrotransposon hot spot (RHS) protein, putative	0,5598	0,07874
TcCLB.508601.90	Small Surface Antigen (LDK)	0,5597	0,00002042
TcCLB.503825.19	protein kinase, putative	0,5597	0,06129
TcCLB.511261.4	P-type H -ATPase, putative (fragment)	0,5596	2,016E-10
TcCLB.504149.210	N-acetyltransferase complex ARD1 subunit (pseudogene),	0,5595	0,06473
TcCLB.508417.20	hypothetical protein	0,5594	0,2515
TcCLB.511813.10	hypothetical protein, conserved	0,5588	0,0001612
TcCLB.510381.20	ABC transporter, putative	0,5588	0,0001855
TcCLB.510367.10	dispersed gene family protein 1 (DGF-1), putative	0,5588	0,02046
TcCLB.460747.30	hypothetical protein, conserved	0,5586	0,03135
TcCLB.508153.750	hypothetical protein, conserved	0,5581	0,00009131
TcCLB.503749.5	pyrroline-5-carboxylate synthetase-like protein, putative (f)	0,5581	0,0006032
TcCLB.506923.10	trans-sialidase (pseudogene), putative	0,5581	0,09639
TcCLB.511277.400	UDP-galactose transporter	0,5579	0,0001359
TcCLB.510377.400	mucin TcMUCII, putative	0,5578	0,3407
TcCLB.511809.90	hypothetical protein, conserved	0,5577	1,111E-06
TcCLB.509753.290	hypothetical protein, conserved (pseudogene)	0,5577	0,1528
TcCLB.508449.20	retrotransposon hot spot protein (RHS, pseudogene), putative	0,5575	0,001714
TcCLB.508831.80	hypothetical protein, conserved	0,5574	0,01223
TcCLB.511887.10	retrotransposon hot spot protein (RHS, pseudogene), putative	0,5573	0,002269
TcCLB.510359.290	hypothetical protein, conserved	0,557	0,032
TcCLB.510575.239	hypothetical protein, conserved	0,557	0,2123
TcCLB.508465.30	hypothetical protein, conserved	0,5568	2,457E-06
TcCLB.505959.10	mucin TcMUCII, putative	0,5568	0,2536
TcCLB.509767.90	alanine racemase, putative	0,5567	1,711E-06
TcCLB.511925.30	fucose kinase (pseudogene), putative	0,5565	1,037E-06
TcCLB.506573.81	ribosomal protein L39, putative	0,5565	0,0004925
TcCLB.509065.140	hypothetical protein, conserved	0,5564	0,004536
TcCLB.509733.150	hypothetical protein, conserved	0,5562	4,943E-07
TcCLB.504777.50	mucin-associated surface protein (MASP, pseudogene), putative	0,5562	0,05659

TcCLB.507981.30	hypothetical protein	0,5562	0,5266
TcCLB.503801.30	DNA repair protein RAD51, putative (RAD51)	0,5561	1,119E-09
TcCLB.507641.200	hypothetical protein, conserved	0,5561	0,005148
TcCLB.508741.220	hypothetical protein	0,556	2,121E-07
TcCLB.507757.26	hypothetical protein	0,556	0,3562
TcCLB.503893.120	calcium uniporter protein, mitochondrial, putative	0,5559	0,001733
TcCLB.504147.50	amino acid transporter (pseudogene), putative	0,5558	0,000124
TcCLB.508981.30	hypothetical protein, conserved	0,5557	0,000882
TcCLB.509393.30	hypothetical protein, conserved	0,5554	5,844E-06
TcCLB.511577.100	hypothetical protein, conserved	0,5554	0,0006234
TcCLB.506773.30	hypothetical protein, conserved	0,5552	2,182E-08
TcCLB.507875.220	trans-sialidase, Group II, putative	0,5552	0,008818
TcCLB.506757.150	mucin-associated surface protein (MASP), putative	0,5551	0,08129
TcCLB.503661.11	trans-sialidase, putative (fragment)	0,5549	0,005692
TcCLB.511259.18	mucin-associated surface protein (MASP, pseudogene), pu	0,5549	0,1805
TcCLB.505063.30	mucin-associated surface protein (MASP, pseudogene), pu	0,5548	0,0004645
TcCLB.507519.260	retrotransposon hot spot protein (RHS, pseudogene), putat	0,5547	3,63E-07
TcCLB.507851.40	hypothetical protein, conserved	0,5546	0,002892
TcCLB.510025.90	mucin TcMUCII, putative	0,5546	0,2833
TcCLB.507159.60	hypothetical protein, conserved	0,5545	3,827E-11
TcCLB.412419.10	mucin-associated surface protein (MASP, pseudogene), pu	0,5545	0,1649
TcCLB.511045.29	hypothetical protein, conserved	0,5544	0,00003071
TcCLB.506051.20	hypothetical protein	0,5543	0,2773
TcCLB.508409.329	hypothetical protein, conserved	0,5541	0,0001945
TcCLB.511071.50	3-hydroxy-3-methylglutaryl-CoA synthase, putative	0,5539	3,058E-13
TcCLB.504593.10	trans-sialidase, putative (CRP10)	0,5539	0,08371
TcCLB.511431.40	glutaredoxin, putative	0,5538	0,001379
TcCLB.510105.210	metallo-peptidase, Clan MA(E) Family M41	0,5536	4,316E-08
TcCLB.508777.60	hypothetical protein, conserved	0,5536	0,005312
TcCLB.508859.30	hypothetical protein, conserved	0,5535	0,00006778
TcCLB.504201.44	mucin TcMUCII, putative	0,5534	0,3678
TcCLB.508761.200	trans-sialidase (pseudogene), putative	0,5533	0,1507
TcCLB.509459.70	hypothetical protein, conserved	0,5532	4,851E-06
TcCLB.506757.10	phospholipid:diacylglycerol acyltransferase, putative	0,5531	4,088E-08
TcCLB.511535.20	hypothetical protein, conserved	0,5531	0,0001107
TcCLB.509023.160	hypothetical protein, conserved	0,553	0,00004454
TcCLB.506799.90	surface protease GP63 (pseudogene), putative	0,5525	0,003769
TcCLB.508461.440	hypothetical protein, conserved	0,5523	3,983E-06
TcCLB.509801.30	citrate synthase, putative	0,5523	0,1596
TcCLB.505007.30	hypothetical protein, conserved	0,5522	0,000938
TcCLB.508153.460	Present in the outer mitochondrial membrane proteome 2.	0,5521	3,442E-10
TcCLB.398751.10	hypothetical protein, conserved	0,5519	0,2899
TcCLB.508153.670	hypothetical protein, conserved	0,5518	0,04069
TcCLB.506401.350	hypothetical protein, conserved	0,5517	1,477E-06
TcCLB.508251.31	mucin-associated surface protein (MASP, pseudogene), pu	0,5512	0,1057



TcCLB.508961.79	69 kDa paraflagellar rod protein, putative	0,5511	3,227E-08
TcCLB.504165.10	hypothetical protein, conserved	0,551	0,00009853
TcCLB.509537.20	hypothetical protein, conserved	0,5501	8,977E-06
TcCLB.509353.20	Present in the outer mitochondrial membrane proteome 4	0,55	0,003761
TcCLB.506559.490	hypothetical protein, conserved	0,5499	0,0313
TcCLB.511255.490	trans-sialidase (pseudogene), putative	0,5499	0,2454
TcCLB.508555.70	calpain-like cysteine peptidase, putative	0,5497	0,0007783
TcCLB.506203.20	dynein light chain, putative	0,5496	0,00003655
TcCLB.508727.50	hypothetical protein, conserved	0,5495	0,00047
TcCLB.511259.149	mucin-associated surface protein (MASP, pseudogene), pu	0,5495	0,27
TcCLB.509053.160	hypothetical protein, conserved	0,5494	0,0003699
TcCLB.511517.99	hypothetical protein, conserved	0,5493	0,004229
TcCLB.506487.24	dispersed gene family protein 1 (DGF-1), putative	0,5493	0,01606
TcCLB.508515.100	hypothetical protein, conserved	0,5489	0,002556
TcCLB.504427.240	metallo-beta-lactamase-like protein, putative	0,5488	0,002118
TcCLB.510655.20	hypothetical protein, conserved	0,5487	0,00007205
TcCLB.511833.10	trans-sialidase, Group VIII, putative	0,5487	0,009461
TcCLB.508973.50	ATP-dependent DEAD/H RNA helicase, putative	0,5486	1,265E-08
TcCLB.511101.37	retrotransposon hot spot protein (RHS, pseudogene), putat	0,5486	0,0002679
TcCLB.509195.61	mucin TcMUCII, putative	0,5483	0,3422
TcCLB.510099.110	hypothetical protein, conserved	0,5482	3,356E-09
TcCLB.504769.89	hypothetical protein, conserved	0,5481	0,001573
TcCLB.506767.360	mucin TcMUCII, putative	0,5481	0,2737
TcCLB.509287.170	trans-sialidase (pseudogene), putative	0,548	0,00142
TcCLB.510633.9	dispersed gene family protein 1 (DGF-1), putative (fragme	0,548	0,08189
TcCLB.503791.20	hypothetical protein, conserved	0,5479	0,04568
TcCLB.509253.30	3-Beta-hydroxysteroid-delta(8), delta(7)-isomerase, putati	0,5478	0,0008471
TcCLB.510851.50	hypothetical protein, conserved (pseudogene)	0,5474	0,0001271
TcCLB.506253.39	trans-sialidase, putative (CRP10)	0,5474	0,09268
TcCLB.508613.74	mucin-associated surface protein (MASP), putative	0,5471	0,0236
TcCLB.507093.69	hypothetical protein, conserved	0,5469	0,0121
TcCLB.510661.120	hypothetical protein, conserved	0,5467	0,0000959
TcCLB.511469.100	2-oxoisovalerate dehydrogenase beta subunit, mitochondri	0,5466	0,00004183
TcCLB.506843.75	hypothetical protein, conserved (pseudogene)	0,5466	0,1797
TcCLB.511705.20	putative prolyl carboxypeptidase, putative	0,5465	0,007274
TcCLB.509611.20	peptidyl-prolyl cis-trans isomerase (PIN1)	0,5464	0,01232
TcCLB.503623.10	dispersed gene family protein 1 (DGF-1), putative	0,5464	0,3803
TcCLB.508299.70	peroxisome targeting signal 1 receptor, putative (PEX5)	0,5463	1,932E-07
TcCLB.509885.10	V-type proton ATPase subunit D, putative (VAd)	0,5463	3,608E-06
TcCLB.510955.40	axoneme central apparatus protein (PF16)	0,5459	4,539E-06
TcCLB.508325.80	trans-sialidase (pseudogene), putative	0,5459	0,00005923
TcCLB.507529.30	hypothetical protein, conserved	0,5458	2,903E-07
TcCLB.511173.210	mucin-associated surface protein (MASP), putative	0,5457	0,308
TcCLB.510697.10	mucin-associated surface protein (MASP), putative	0,5455	0,2842
TcCLB.503809.120	hypothetical protein, conserved	0,5454	0,009619

TcCLB.506667.130	surface protease GP63 (pseudogene), putative	0,5454	0,3777
TcCLB.509113.10	mucin-associated surface protein (MASP, pseudogene), pu	0,5453	0,1404
TcCLB.510431.250	phosphoribosylpyrophosphate synthetase, putative	0,5452	2,872E-10
TcCLB.506537.160	glycine dehydrogenase [decarboxylating] (pseudogene), pu	0,5452	0,001243
TcCLB.509529.40	trans-sialidase, Group VII, putative	0,5451	0,04889
TcCLB.507959.210	mucin-associated surface protein (MASP), putative	0,5449	0,231
TcCLB.509053.120	hypothetical protein, conserved	0,5448	0,0001699
TcCLB.508991.30	trans-sialidase (pseudogene), putative	0,5448	0,00811
TcCLB.506401.70	vacuolar protein sorting protein 18, putative	0,5444	6,103E-09
TcCLB.506301.40	hypothetical protein, conserved	0,5444	0,00001704
TcCLB.506359.40	hypothetical protein, conserved	0,5443	0,00004021
TcCLB.506047.16	N-acetyltransferase complex ARD1 subunit (pseudogene),	0,5442	0,1293
TcCLB.511873.20	hypothetical protein	0,544	0,1677
TcCLB.510025.20	mucin TcMUCII, putative	0,544	0,271
TcCLB.503667.10	trans-sialidase, putative	0,5439	0,0648
TcCLB.506611.40	mucin-associated surface protein (MASP), putative	0,5435	0,0778
TcCLB.510105.20	Ribosomal RNA processing protein 41A (RRP41A)	0,5434	8,363E-08
TcCLB.510235.10	dispersed gene family protein 1 (DGF-1), putative	0,5434	0,0201
TcCLB.508711.10	Tetratricopeptide-like helical domain containing protein (fr	0,5433	2,483E-14
TcCLB.507615.80	hypothetical protein, conserved	0,5429	2,994E-07
TcCLB.506195.50	hypothetical protein, conserved	0,5429	0,003349
TcCLB.510361.80	trans-sialidase, Group V, putative	0,5425	0,1058
TcCLB.509733.60	hypothetical protein	0,5424	0,00007782
TcCLB.509573.30	flagellar protofilament ribbon protein, putative	0,5422	3,211E-08
TcCLB.507087.10	hydrolase-like protein (pseudogene), putative	0,5421	0,01539
TcCLB.511313.10	hypothetical protein, conserved	0,5419	0,01231
TcCLB.507043.10	mucin TcMUCI, putative	0,5418	0,1648
TcCLB.510819.30	hypothetical protein	0,5416	0,0003273
TcCLB.509571.79	Ras-related protein RabX1, putative (RABX1)	0,5414	0,000146
TcCLB.510237.70	mucin-associated surface protein (MASP), putative	0,5414	0,3185
TcCLB.506661.20	fatty acid elongase, putative	0,5412	3,972E-06
TcCLB.511867.130	hypothetical protein, conserved	0,5411	3,856E-08
TcCLB.511807.180	hypothetical protein, conserved	0,5409	3,037E-13
TcCLB.506333.10	plasma-membrane proton-efflux P-type ATPase, putative	0,5406	4,809E-16
TcCLB.510535.30	hypothetical protein	0,5406	0,001043
TcCLB.508607.40	retrotransposon hot spot protein (RHS, pseudogene), putat	0,5403	0,00003308
TcCLB.505183.50	hypothetical protein, conserved	0,5402	0,00002519
TcCLB.510483.190	mucin TcMUCII, putative	0,5402	0,1294
TcCLB.504881.50	ABC transporter, putative	0,54	0,005535
TcCLB.506755.30	hypothetical protein, conserved	0,5398	0,0001687
TcCLB.506995.70	mucin-associated surface protein (MASP), putative	0,5397	0,1532
TcCLB.508881.20	hypothetical protein, conserved	0,5395	0,00006909
TcCLB.508351.10	fructose-1,6-bisphosphatase, cytosolic, putative	0,5392	0,00003145
TcCLB.506139.60	trans-sialidase (pseudogene), putative	0,5392	0,03138
TcCLB.510571.30	actin 1, putative	0,5391	7,216E-12

TcCLB.511127.410	hypothetical protein, conserved	0,5388	5,403E-07
TcCLB.454391.10	trans-sialidase (pseudogene), putative	0,5388	0,0001328
TcCLB.507069.130	mucin-associated surface protein (MASP, pseudogene), pu	0,5387	0,1951
TcCLB.506449.10	trans-sialidase, Group III, putative	0,5385	0,6446
TcCLB.503713.20	hypothetical protein, conserved	0,5379	0,0137
TcCLB.506715.20	Lys-63-specific deubiquitinase BRCC36, putative	0,5378	0,01799
TcCLB.508163.400	surface antigen TASV-B1, putative	0,5378	0,1666
TcCLB.507869.20	trans-sialidase (pseudogene), putative	0,5376	7,684E-06
TcCLB.503689.4	Ras-related protein RabX1, putative (RABX1)	0,5371	0,0008699
TcCLB.506423.10	mucin-associated surface protein (MASP), putative	0,5371	0,4164
TcCLB.503955.100	protein kinase, putative	0,537	1,102E-06
TcCLB.509443.60	hypothetical protein, conserved	0,537	0,02742
TcCLB.511141.20	choline dehydrogenase, putative	0,5369	4,064E-10
TcCLB.506485.70	hypothetical protein, conserved	0,5369	8,772E-06
TcCLB.506529.220	hypothetical protein, conserved	0,5369	0,0002594
TcCLB.508147.159	dispersed gene family protein 1 (DGF-1), putative	0,5366	0,1908
TcCLB.510877.180	GPI transamidase subunit 16, putative (GPI16)	0,5365	1,132E-08
TcCLB.509029.20	hypothetical protein, conserved	0,5365	1,008E-06
TcCLB.508589.60	hypothetical protein, conserved (pseudogene)	0,5362	0,01172
TcCLB.511473.10	retrotransposon hot spot protein (RHS, pseudogene), putat	0,536	0,001568
TcCLB.510155.40	DNA-damage inducible protein DDI1-like protein, putative	0,5358	2,255E-07
TcCLB.506703.74	mucin-associated surface protein (MASP, pseudogene), pu	0,5358	0,5329
TcCLB.506973.90	mucin-associated surface protein (MASP, pseudogene), pu	0,5352	0,1627
TcCLB.510303.320	dihydrofolate reductase-thymidylate synthase, putative	0,5351	0,0008355
TcCLB.506835.60	calmodulin, putative	0,535	0,00587
TcCLB.511089.90	mucin-associated surface protein (MASP), putative	0,535	0,5922
TcCLB.478283.10	hypothetical protein, conserved (pseudogene)	0,5348	0,004014
TcCLB.506955.90	trans-sialidase (pseudogene), putative	0,5348	0,1752
TcCLB.503761.40	mucin-associated surface protein (MASP), putative	0,5346	0,05606
TcCLB.506409.200	mucin TcMUCII, putative	0,5346	0,2321
TcCLB.506939.220	mucin-associated surface protein (MASP), putative	0,5346	0,2691
TcCLB.505051.10	hypothetical protein, conserved	0,5345	1,07E-20
TcCLB.511287.20	hypothetical protein, conserved	0,5345	9,659E-06
TcCLB.511099.210	mucin TcMUCII, putative	0,5345	0,4097
TcCLB.506337.210	signal recognition particle receptor like protein, putative	0,5344	3,033E-07
TcCLB.505987.60	hypothetical protein	0,5343	5,56E-10
TcCLB.511087.19	trans-sialidase, putative (fragment)	0,5343	0,2842
TcCLB.506539.10	trans-sialidase (pseudogene), putative	0,534	0,115
TcCLB.511851.5	trans-sialidase, putative	0,5333	0,2831
TcCLB.510025.100	mucin-associated surface protein (MASP), putative	0,533	0,05873
TcCLB.510623.80	trans-sialidase (pseudogene), putative	0,533	0,1497
TcCLB.505931.30	trans-sialidase, Group I, putative	0,5329	0,009646
TcCLB.509529.60	dispersed gene family protein 1 (DGF-1), putative	0,5327	0,0006738
TcCLB.509109.140	hypothetical protein, conserved	0,5324	0,00003841
TcCLB.510359.30	hypothetical protein, conserved	0,5324	0,002771

TcCLB.511711.40	hypothetical protein, conserved	0,5324	0,004498
TcCLB.507851.20	hypothetical protein, conserved	0,5321	0,001217
TcCLB.508799.200	hypothetical protein, conserved	0,532	0,05853
TcCLB.509979.40	hypothetical protein, conserved	0,5319	0,00006167
TcCLB.508895.80	intraflagellar transport protein 52, putative (IFT52)	0,5318	3,724E-07
TcCLB.511165.54	pterin-4-alpha-carbinolamine dehydratase, putative	0,5318	0,0009013
TcCLB.509307.10	retrotransposon hot spot protein (RHS, pseudogene), putat	0,5317	0,001329
TcCLB.509867.60	mucin-associated surface protein (MASP), putative	0,5316	0,1713
TcCLB.508961.40	hypothetical protein, conserved	0,5315	0,00006097
TcCLB.511185.114	mucin TcMUCII (pseudogene), putative	0,5315	0,5186
TcCLB.510741.150	Present in the outer mitochondrial membrane proteome 7	0,5313	0,0001432
TcCLB.508435.10	mucin-associated surface protein (MASP), putative	0,5312	0,3044
TcCLB.510323.60	hypothetical protein	0,5311	0,001707
TcCLB.511127.250	hypothetical protein, conserved	0,531	0,003685
TcCLB.504253.40	hypothetical protein, conserved	0,5309	0,0001804
TcCLB.508223.30	retrotransposon hot spot protein (RHS, pseudogene), putat	0,5309	0,1375
TcCLB.504163.20	hypothetical protein, conserved	0,5308	0,00002245
TcCLB.511667.80	trans-sialidase (pseudogene), putative	0,5308	0,01459
TcCLB.504221.9	membrane associated protein, putative	0,5307	0,00005389
TcCLB.511063.120	mucin TcMUCII, putative	0,5307	0,5692
TcCLB.508881.150	hypothetical protein, conserved	0,5304	0,0003002
TcCLB.509963.60	hypothetical protein, conserved	0,5302	0,01611
TcCLB.503823.104	UDP-N-acetylglucosamine-dolichyl-phosphate N-acetylgluc	0,5301	0,0003426
TcCLB.504035.130	hypothetical protein, conserved	0,5301	0,00122
TcCLB.506057.61	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	0,5301	0,1803
TcCLB.510307.320	retrotransposon hot spot protein (RHS, pseudogene), putat	0,5298	0,002694
TcCLB.510417.30	mucin TcMUCII, putative	0,5298	0,2575
TcCLB.504229.70	retrotransposon hot spot (RHS) protein, putative	0,5297	0,002104
TcCLB.510713.70	retrotransposon hot spot protein (RHS, pseudogene), putat	0,5296	0,005588
TcCLB.511555.30	hypothetical protein, conserved	0,5294	0,003197
TcCLB.506195.230	hypothetical protein, conserved	0,5289	0,0001127
TcCLB.506223.60	hypothetical protein, conserved	0,5289	0,00158
TcCLB.507711.330	serine peptidase, putative	0,5288	0,0001758
TcCLB.506871.20	hypothetical protein, conserved	0,5287	8,177E-07
TcCLB.507825.40	hypothetical protein, conserved	0,5287	0,0001172
TcCLB.504137.30	hypothetical protein	0,5284	0,00000913
TcCLB.507163.70	trans-sialidase, Group V, putative	0,5284	0,008484
TcCLB.508231.230	protein transport protein Sec23A, putative	0,5283	0,002139
TcCLB.510025.14	hypothetical protein, conserved (pseudogene)	0,5282	0,5585
TcCLB.506999.140	hypothetical protein, conserved	0,5277	3,712E-07
TcCLB.410337.10	trans-sialidase (pseudogene), putative	0,5275	0,342
TcCLB.508521.30	beta galactofuranosyl glycosyltransferase (pseudogene), pi	0,5274	0,022
TcCLB.510275.10	hypothetical protein	0,5273	0,008964
TcCLB.508879.210	hypothetical protein, conserved	0,5272	0,0001307
TcCLB.511361.40	actin-related protein 2, putative	0,5272	0,002161

TcCLB.506823.100	dispersed gene family protein 1 (DGF-1), putative	0,527	0,168
TcCLB.510377.260	mucin-associated surface protein (MASP), putative	0,527	0,5668
TcCLB.506009.20	hypothetical protein, conserved	0,5268	1,132E-08
TcCLB.511807.200	hypothetical protein, conserved	0,5267	8,321E-13
TcCLB.510101.340	hypothetical protein, conserved	0,5267	2,305E-12
TcCLB.505317.20	hypothetical protein	0,5267	0,002199
TcCLB.505075.30	hypothetical protein, conserved	0,5266	0,002654
TcCLB.503893.130	hypothetical protein, conserved	0,5265	0,0005944
TcCLB.504797.130	hypothetical protein, conserved	0,5265	0,01096
TcCLB.507949.210	trans-sialidase, Group II, putative	0,5265	0,01965
TcCLB.508285.20	hypothetical protein, conserved (pseudogene)	0,5259	0,008732
TcCLB.509099.30	paraflagellar rod protein 5, putative (PFR5)	0,5258	0,00004346
TcCLB.445557.10	mucin TcMUCII, putative	0,5258	0,482
TcCLB.511395.70	hypothetical protein, conserved	0,5256	0,0004678
TcCLB.507677.80	hypothetical protein, conserved	0,5256	0,05656
TcCLB.511089.74	mucin TcMUCII (pseudogene), putative	0,5254	0,436
TcCLB.506279.19	mucin-associated surface protein (MASP, pseudogene), pu	0,5253	0,06492
TcCLB.506301.20	Golgi reassembly stacking protein (GRASP homologue), pu	0,5251	0,00005507
TcCLB.510287.10	dynein light chain, putative	0,5249	0,001818
TcCLB.505183.124	hypothetical protein, conserved	0,5249	0,002729
TcCLB.506825.90	hypothetical protein, conserved	0,5248	6,88E-09
TcCLB.510819.4	NADH-cytochrome b5 reductase, putative	0,5248	0,0006653
TcCLB.510155.30	hypothetical protein, conserved	0,5247	8,971E-08
TcCLB.506529.425	hypothetical protein	0,5246	0,295
TcCLB.508227.30	mucin TcMUCII, putative	0,5243	0,3513
TcCLB.508153.650	hypothetical protein, conserved (pseudogene)	0,5241	4,556E-06
TcCLB.508909.190	hypothetical protein, conserved	0,524	0,00007748
TcCLB.506629.180	hypothetical protein, conserved	0,5238	0,003751
TcCLB.511317.79	OSM3-like kinesin, putative	0,5238	0,01105
TcCLB.510197.190	mucin-associated surface protein (MASP), putative	0,5238	0,223
TcCLB.508081.10	mucin-associated surface protein (MASP), putative	0,5238	0,7259
TcCLB.506977.49	ribosomal protein L36, putative	0,5237	2,985E-10
TcCLB.509527.200	hypothetical protein	0,5236	0,1897
TcCLB.511843.40	dispersed gene family protein 1 (DGF-1), putative	0,5234	0,04605
TcCLB.507547.59	hypothetical protein, conserved	0,5233	0,02938
TcCLB.507835.35	trans-sialidase (pseudogene), putative	0,5232	0,1727
TcCLB.510741.80	riboflavin kinase, putative	0,5231	0,003681
TcCLB.510945.30	actin, putative	0,5229	5,584E-06
TcCLB.508973.110	hypothetical protein, conserved	0,5229	0,0004156
TcCLB.506735.20	hypothetical protein, conserved	0,5228	0,0009093
TcCLB.507445.9	dispersed gene family protein 1 (DGF-1), putative (fragme	0,5228	0,03039
TcCLB.505949.100	trans-sialidase (pseudogene), putative	0,5226	0,008982
TcCLB.503897.170	citrate transporter, putative	0,5225	0,001084
TcCLB.508761.9	mucin-associated surface protein (MASP, pseudogene), pu	0,5225	0,2522
TcCLB.508241.100	hypothetical protein	0,5224	1,293E-09

TcCLB.506375.110	(H )-ATPase G subunit, putative	0,5224	2,471E-06
TcCLB.416605.10	mucin-associated surface protein (MASP), putative	0,5222	0,4046
TcCLB.509815.50	beta galactofuranosyl glycosyltransferase, putative	0,522	0,02098
TcCLB.510807.10	mucin TcMUCII, putative	0,5218	0,4112
TcCLB.509237.60	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, pu	0,5217	0,002304
TcCLB.508075.50	hypothetical protein, conserved	0,5216	0,0001262
TcCLB.510227.20	hypothetical protein	0,5216	0,0009275
TcCLB.510533.190	hypothetical protein, conserved	0,5215	0,005854
TcCLB.507991.20	protein kinase, putative	0,5213	0,001227
TcCLB.508221.52	hypothetical protein	0,5213	0,3948
TcCLB.437349.10	hypothetical protein, conserved	0,5212	0,01006
TcCLB.510371.120	mucin-associated surface protein (MASP), putative	0,5212	0,3567
TcCLB.506789.200	ubiquitin-conjugating enzyme E2, putative	0,5211	4,381E-06
TcCLB.510381.70	hypothetical protein, conserved	0,5211	0,005359
TcCLB.506955.99	mucin-associated surface protein (MASP), putative	0,5211	0,2283
TcCLB.506833.60	UV excision repair RAD23-like protein, putative	0,521	3,918E-07
TcCLB.508479.110	glutathionylspermidine synthase, putative	0,5208	2,224E-08
TcCLB.510283.140	UDP-N-acetylglucosamine-dolichyl-phosphate N-acetylgluc	0,5206	0,00008383
TcCLB.506775.160	hypothetical protein, conserved	0,5206	0,0001379
TcCLB.506459.240	elongation factor 1-gamma (EF-1-gamma), putative	0,5206	0,008636
TcCLB.510053.60	cytidine deaminase-like protein, putative	0,5202	0,002855
TcCLB.506673.20	hypothetical protein, conserved	0,5202	0,01592
TcCLB.506645.9	dispersed gene family protein 1 (DGF-1), putative	0,5202	0,01601
TcCLB.506529.516	ATP synthase subunit, putative	0,5202	0,02126
TcCLB.508081.90	mucin-associated surface protein (MASP), putative	0,52	0,1469
TcCLB.511693.40	hypothetical protein, conserved	0,5195	1,456E-08
TcCLB.503591.10	retrotransposon hot spot protein (RHS, pseudogene), putat	0,5195	0,01779
TcCLB.509875.80	trans-sialidase, Group II, putative	0,5192	0,1457
TcCLB.505997.190	retrotransposon hot spot protein (RHS, pseudogene), putat	0,5189	0,001031
TcCLB.506965.20	mucin-associated surface protein (MASP), putative	0,5189	0,3835
TcCLB.506269.90	mucin TcMUCII, putative	0,5187	0,0475
TcCLB.510055.60	hypothetical protein, conserved	0,5186	9,355E-09
TcCLB.511267.24	hypothetical protein, conserved	0,5185	0,000258
TcCLB.510879.80	serine acetyltransferase, putative (SAT)	0,5184	0,0002632
TcCLB.503907.10	trans-sialidase, Group VIII, putative	0,5182	0,1372
TcCLB.508991.10	retrotransposon hot spot protein (RHS, pseudogene), putat	0,5181	0,0004391
TcCLB.509259.80	hypothetical protein, conserved (pseudogene)	0,518	0,001935
TcCLB.504005.20	N-Acetyl-D-glucosaminylphosphatidylinositol de-N-acetyla:	0,518	0,003325
TcCLB.507881.90	trans-sialidase (pseudogene), putative	0,518	0,00477
TcCLB.506195.300	deoxyhypusine synthase, putative	0,5177	9,773E-06
TcCLB.503537.18	retrotransposon hot spot protein (RHS, pseudogene), putat	0,5173	0,1482
TcCLB.511605.90	mucin TcMUCII, putative	0,517	0,5102
TcCLB.504899.20	retrotransposon hot spot protein (RHS, pseudogene), putat	0,5169	0,001669
TcCLB.508479.220	hypothetical protein, conserved	0,5169	0,004459
TcCLB.510625.88	mucin-associated surface protein (MASP), putative	0,5169	0,5319

TcCLB.508973.90	Present in the outer mitochondrial membrane proteome 3:	0,5168	9,673E-06
TcCLB.510025.170	mucin TcMUCII, putative	0,5163	0,3354
TcCLB.511367.159	hypothetical protein, conserved (pseudogene)	0,5162	0,007514
TcCLB.506699.6	hypothetical protein, conserved	0,5162	0,01292
TcCLB.508789.80	mucin-associated surface protein (MASP), putative	0,5161	0,3581
TcCLB.507091.4	fucose kinase, putative	0,516	0,03547
TcCLB.510835.30	hypothetical protein, conserved	0,5158	0,001935
TcCLB.509991.80	hypothetical protein, conserved	0,5153	0,000853
TcCLB.510557.30	hypothetical protein	0,5153	0,3883
TcCLB.508879.120	hypothetical protein, conserved	0,5152	0,0000188
TcCLB.510761.76	UDP-glucuronosyl and UDP-glucosyl transferase, putative	0,5152	0,0001388
TcCLB.510635.30	dispersed gene family protein 1 (DGF-1, pseudogene), putative	0,5152	0,2186
TcCLB.508977.99	mucin-associated surface protein (MASP, pseudogene), putative	0,5152	0,3785
TcCLB.503663.20	hypothetical protein, conserved	0,5151	6,889E-07
TcCLB.511827.110	trans-sialidase, Group II, putative	0,5151	0,00005903
TcCLB.510729.290	Enriched in surface-labeled proteome protein 19 (SLS3)	0,5149	0,00001053
TcCLB.506615.75	surface protease GP63 (pseudogene), putative	0,5149	0,0001256
TcCLB.510663.40	hypothetical protein, conserved	0,5148	0,0001386
TcCLB.508889.19	hypothetical protein	0,5146	0,001495
TcCLB.506543.30	hypothetical protein, conserved	0,5146	0,1036
TcCLB.508421.30	tryptophanyl-tRNA synthetase (pseudogene), putative	0,5145	3,868E-10
TcCLB.508083.10	Present in the outer mitochondrial membrane proteome 1:	0,5145	5,858E-07
TcCLB.508261.130	mucin-associated surface protein (MASP), putative	0,5145	0,2857
TcCLB.463901.10	trans-sialidase, putative (fragment)	0,5144	0,06375
TcCLB.510729.115	hypothetical protein	0,5143	0,0004664
TcCLB.506127.150	hypothetical protein, conserved	0,5142	2,97E-07
TcCLB.511733.50	hypothetical protein, conserved	0,5141	0,00000239
TcCLB.504149.117	hypothetical protein, conserved	0,5139	0,0001157
TcCLB.511731.70	hypothetical protein, conserved	0,5135	0,006183
TcCLB.507611.50	hypothetical protein, conserved	0,5134	0,366
TcCLB.507159.70	hypothetical protein, conserved	0,5133	0,00006359
TcCLB.511151.54	surface protease GP63, putative	0,5133	0,0003807
TcCLB.511395.50	hypothetical protein, conserved	0,5133	0,0006028
TcCLB.481099.9	dispersed gene family protein 1 (DGF-1), putative (fragment)	0,5133	0,1294
TcCLB.506913.10	hypothetical protein, conserved	0,513	0,02579
TcCLB.506775.80	14-3-3 protein 2, putative (14-3-3-II)	0,5127	2,635E-12
TcCLB.511029.10	enolase, putative	0,5124	0,0004664
TcCLB.507725.9	dispersed gene family protein 1 (DGF-1, pseudogene), putative	0,5124	0,003514
TcCLB.511593.70	mucin TcMUCII, putative	0,5121	0,3964
TcCLB.506851.10	NIMA-related kinase, putative	0,512	6,895E-09
TcCLB.508813.80	hypothetical protein, conserved	0,512	6,052E-06
TcCLB.509877.10	hypothetical protein, conserved	0,512	0,000699
TcCLB.506475.110	hypothetical protein	0,5119	0,04923
TcCLB.511509.50	hypothetical protein, conserved	0,5116	0,00001164
TcCLB.507071.310	mucin-associated surface protein (MASP), putative	0,5116	0,3425

TcCLB.506999.30	hypothetical protein, conserved	0,5113	3,674E-06
TcCLB.511827.10	hypothetical protein, conserved	0,5112	0,08645
TcCLB.506135.70	hypothetical protein, conserved	0,511	0,0004996
TcCLB.507511.50	hypothetical protein	0,511	0,02513
TcCLB.503587.80	mucin-associated surface protein (MASP, pseudogene), pu	0,5109	0,302
TcCLB.506801.20	mucin-like glycoprotein, putative	0,5107	0,09821
TcCLB.509601.44	hypothetical protein, conserved	0,5105	0,00000224
TcCLB.504125.64	hypothetical protein	0,5105	0,00007001
TcCLB.510105.70	hypothetical protein, conserved	0,5105	0,005995
TcCLB.507039.20	GDP-mannose 4,6 dehydratase (pseudogene), putative	0,5104	0,00453
TcCLB.509615.10	hypothetical protein, conserved	0,5101	0,006784
TcCLB.510515.20	hypothetical protein, conserved (pseudogene)	0,51	8,601E-06
TcCLB.510411.10	trans-sialidase, Group II, putative	0,5099	0,05175
TcCLB.503645.10	mucin-associated surface protein (MASP), putative	0,5098	0,2594
TcCLB.511451.59	mucin-associated surface protein (MASP), putative	0,5098	0,4064
TcCLB.509207.110	hypothetical protein, conserved	0,5097	0,001666
TcCLB.410943.10	hypothetical protein, conserved	0,5096	0,1457
TcCLB.511731.5	cationic amino acid transporter (pseudogene), putative	0,5095	0,1622
TcCLB.508171.10	trans-sialidase, Group VIII, putative	0,5094	0,1222
TcCLB.506829.90	conserved protein	0,509	3,643E-10
TcCLB.510055.160	protein kinase, putative	0,509	0,09678
TcCLB.511255.630	mucin-associated surface protein (MASP), putative	0,509	0,3637
TcCLB.504149.110	GTP-binding protein, putative	0,5089	0,00001375
TcCLB.511625.30	hypothetical protein, conserved	0,5088	0,002221
TcCLB.508515.10	hypothetical protein, conserved	0,5086	0,0109
TcCLB.506449.30	retrotransposon hot spot protein (RHS, pseudogene), putat	0,5086	0,1432
TcCLB.506267.70	mucin-associated surface protein (MASP), putative	0,5085	0,3091
TcCLB.506925.450	hypothetical protein, conserved	0,5083	4,873E-06
TcCLB.506653.50	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	0,5083	0,2823
TcCLB.504149.40	tatD related deoxyribonuclease, putative	0,5081	1,098E-07
TcCLB.507059.80	glutamine-dependent carbamoyl-phosphate synthetase, pu	0,508	0,00001414
TcCLB.508723.50	hypothetical protein, conserved	0,5078	0,00003325
TcCLB.507851.10	hypothetical protein, conserved	0,5076	0,00003632
TcCLB.509631.100	hypothetical protein, conserved (pseudogene)	0,5074	0,3935
TcCLB.510839.11	hypothetical protein	0,507	0,02466
TcCLB.508231.20	40S ribosomal protein S12, putative	0,5069	4,95E-11
TcCLB.504469.20	hypothetical protein (fragment)	0,5069	0,09279
TcCLB.506779.50	proteasome beta 3 subunit, putative	0,5068	0,00001894
TcCLB.506321.50	mucin-associated surface protein (MASP), putative	0,5068	0,005981
TcCLB.403153.10	receptor-type adenylate cyclase (pseudogene), putative	0,5067	0,07519
TcCLB.511221.20	hypothetical protein	0,5067	0,1375
TcCLB.511807.10	hypothetical protein, conserved (pseudogene)	0,506	5,544E-08
TcCLB.506501.184	mucin-associated surface protein (MASP, pseudogene), pu	0,5059	0,3986
TcCLB.510303.70	hypothetical protein, conserved	0,5057	0,00001502
TcCLB.506757.60	trans-sialidase, Group V, putative	0,5057	0,0002947



TcCLB.511717.110	hypothetical protein, conserved	0,5055	0,001464
TcCLB.448661.20	mucin TcMUCII, putative	0,5055	0,363
TcCLB.507067.50	mucin TcMUCII (pseudogene), putative	0,5055	0,4213
TcCLB.509437.140	retrotransposon hot spot protein (RHS, pseudogene), putat	0,5054	0,05357
TcCLB.509467.20	hypothetical protein, conserved (pseudogene)	0,5054	0,2354
TcCLB.508153.100	acyltransferase, putative	0,5049	0,0003938
TcCLB.511593.60	mucin-associated surface protein (MASP), putative	0,5049	0,1302
TcCLB.418613.20	mucin-associated surface protein (MASP), putative (fragm	0,5049	0,4785
TcCLB.509011.60	hypothetical protein, conserved	0,5048	0,00001384
TcCLB.511245.30	ion transport protein, putative	0,5047	0,0004615
TcCLB.511817.70	hypothetical protein, conserved	0,5047	0,008136
TcCLB.504239.10	hypothetical protein, conserved (pseudogene)	0,5047	0,4493
TcCLB.511185.100	mucin-associated surface protein (MASP), putative	0,5047	0,6013
TcCLB.511001.50	hypothetical protein, conserved	0,5046	0,0003816
TcCLB.504343.30	retrotransposon hot spot (RHS) protein, putative	0,5046	0,01153
TcCLB.510123.70	vesicle-associated membrane protein, putative	0,5042	0,0002166
TcCLB.506599.240	mucin-associated surface protein (MASP), putative	0,5042	0,07693
TcCLB.510861.150	hypothetical protein	0,5041	1,388E-08
TcCLB.506173.150	hypothetical protein	0,5041	0,1981
TcCLB.506559.300	twinfilin, putative	0,5037	1,925E-08
TcCLB.507559.50	kinesin, putative	0,5034	0,0004174
TcCLB.510157.10	mucin-associated surface protein (MASP), putative	0,5029	0,2063
TcCLB.508051.30	protein kinase, putative	0,5028	0,00009538
TcCLB.510311.30	hypothetical protein, conserved	0,5027	8,566E-06
TcCLB.511221.35	retrotransposon hot spot protein (RHS, pseudogene), putat	0,5027	0,004953
TcCLB.509763.20	hypothetical protein	0,5023	0,01416
TcCLB.511557.20	hypothetical protein, conserved	0,5022	0,003097
TcCLB.506989.309	hypothetical protein, conserved	0,502	5,012E-06
TcCLB.510353.20	hypothetical protein, conserved	0,5018	0,00003115
TcCLB.510421.200	hypothetical protein, conserved	0,5017	0,0001093
TcCLB.507253.10	retrotransposon hot spot (RHS) protein, putative	0,5017	0,007548
TcCLB.508221.199	elongation factor 1-gamma (EF-1-gamma), putative	0,5017	0,324
TcCLB.484097.10	trans-sialidase, putative (fragment)	0,5016	0,03882
TcCLB.509001.40	calpain-like cysteine peptidase, putative	0,5015	9,647E-08
TcCLB.506583.50	hypothetical protein, conserved	0,5015	0,0009256
TcCLB.504031.20	surface protease GP63 (pseudogene), putative	0,5013	0,2808
TcCLB.508403.20	hypothetical protein, conserved (pseudogene)	0,5012	0,00002559
TcCLB.508699.80	hypothetical protein, conserved	0,501	0,0002855
TcCLB.503903.79	hypothetical protein	0,501	0,001381
TcCLB.508413.20	hypothetical protein, conserved	0,5006	0,0001114
TcCLB.508827.40	acyl-CoA dehydrogenase, putative	0,5003	0,0008433
TcCLB.508593.10	trans-sialidase, Group IV, putative	0,5002	0,01119
TcCLB.508331.20	hypothetical protein, conserved	0,4999	8,665E-10
TcCLB.506743.20	hypothetical protein, conserved	0,4999	0,04279
TcCLB.506791.70	nitroreductase	0,4998	0,0003286

TcCLB.503923.20	hypothetical protein, conserved	0,4998	0,008194
TcCLB.508625.150	L-ribulokinase, putative	0,4997	0,008643
TcCLB.508479.250	membrane-bound acid phosphatase 2, putative	0,4996	2,399E-06
TcCLB.506403.9	hypothetical protein, conserved (fragment)	0,4995	2,342E-06
TcCLB.509957.20	expression site-associated gene (ESAG-like) protein, putative	0,4995	0,4284
TcCLB.507643.30	retrotransposon hot spot protein (RHS, pseudogene), putative	0,4993	0,0006005
TcCLB.504717.30	hypothetical protein, conserved	0,4993	0,001834
TcCLB.510091.50	hypothetical protein, conserved	0,4991	0,0003555
TcCLB.503465.49	mitochondrial processing peptidase, beta subunit, putative	0,4991	0,002924
TcCLB.506811.180	protein kinase, putative	0,4991	0,04447
TcCLB.508121.56	mucin-associated surface protein (MASP, pseudogene), putative	0,499	0,3365
TcCLB.504445.20	retrotransposon hot spot protein (RHS, pseudogene), putative	0,4986	0,001916
TcCLB.510359.60	hypothetical protein, conserved	0,4986	0,004221
TcCLB.507957.270	mucin TcMUCl, putative	0,4985	0,2761
TcCLB.510901.90	ATPase protein, putative	0,4983	0,00402
TcCLB.506609.80	mucin TcMUCII, putative	0,4981	0,4172
TcCLB.507295.61	elongation factor 1-gamma (EF-1-gamma, pseudogene), putative	0,498	0,2924
TcCLB.511045.50	hypothetical protein, conserved	0,4977	0,006725
TcCLB.508917.30	kinesin, putative	0,4975	2,602E-06
TcCLB.511603.20	mucin TcMUCII, putative	0,4974	0,4005
TcCLB.506171.20	hypothetical protein, conserved (pseudogene)	0,4973	0,007768
TcCLB.511915.20	trans-sialidase (pseudogene), putative	0,4971	0,02544
TcCLB.504033.170	tyrosine phosphatase, putative	0,497	0,001239
TcCLB.508221.610	elongation factor 1-gamma (EF-1-gamma), putative	0,497	0,4194
TcCLB.507019.10	protein kinase, putative	0,4968	0,0002057
TcCLB.503479.60	surface protease GP63, putative	0,4967	0,01142
TcCLB.510715.30	mucin-associated surface protein (MASP), putative	0,4967	0,1067
TcCLB.506833.70	cationic amino acid transporter, putative	0,4966	0,0003537
TcCLB.505941.40	hypothetical protein, conserved	0,4965	0,004478
TcCLB.508421.20	dispersed gene family protein 1 (DGF-1, pseudogene), putative	0,4965	0,07249
TcCLB.507517.10	hypothetical protein, conserved	0,4962	0,0001751
TcCLB.511231.40	hypothetical protein, conserved	0,4961	0,03836
TcCLB.507669.190	hypothetical protein, conserved	0,496	0,0008875
TcCLB.503439.40	trans-sialidase (pseudogene), putative	0,4959	0,003227
TcCLB.506517.149	hypothetical protein, conserved	0,4958	0,000101
TcCLB.511385.110	hypothetical protein	0,4958	0,006258
TcCLB.507071.220	mucin-associated surface protein (MASP, pseudogene), putative	0,4957	0,3281
TcCLB.506559.210	hypothetical protein, conserved	0,4956	0,0003816
TcCLB.503977.79	elongation factor 1-gamma (EF-1-gamma), putative	0,4954	0,4858
TcCLB.510857.50	lipoate-protein ligase, putative	0,4953	0,0007537
TcCLB.510687.30	hypothetical protein, conserved	0,4952	2,144E-08
TcCLB.508515.170	retrotransposon hot spot protein (RHS, pseudogene), putative	0,4952	0,001464
TcCLB.510535.50	hypothetical protein	0,4952	0,01421
TcCLB.430895.10	hypothetical protein, conserved	0,4952	0,02835
TcCLB.508011.90	trans-sialidase (pseudogene), putative	0,4952	0,1574

TcCLB.510477.100	mucin-associated surface protein (MASP), putative	0,495	0,2774
TcCLB.506787.19	mucin-associated surface protein (MASP, pseudogene), pu	0,4948	0,5332
TcCLB.507795.10	membrane associated protein, putative	0,4946	1,887E-06
TcCLB.507503.70	retrotransposon hot spot protein (RHS, pseudogene), putat	0,4946	0,005133
TcCLB.509875.230	hypothetical protein, conserved	0,4944	0,000521
TcCLB.511661.120	protein kinase, putative	0,494	2,192E-07
TcCLB.510947.20	hypothetical protein, conserved	0,494	0,00004093
TcCLB.511071.140	2-amino-3-ketobutyrate coenzyme A ligase, putative	0,4935	0,0009115
TcCLB.506925.480	ribokinase, putative	0,4934	0,0002573
TcCLB.508919.130	hypothetical protein, conserved	0,4933	0,0006314
TcCLB.510459.20	mucin-associated surface protein (MASP), putative	0,4932	0,2479
TcCLB.511825.90	hypothetical protein, conserved	0,4931	0,009293
TcCLB.508001.10	dispersed gene family protein 1 (DGF-1), putative	0,4931	0,05071
TcCLB.506855.160	hypothetical protein, conserved	0,4928	3,888E-08
TcCLB.506753.210	hypothetical protein, conserved	0,4927	0,00902
TcCLB.506559.550	C2 domain containing protein, putative	0,4924	3,182E-06
TcCLB.511221.50	mucin-associated surface protein (MASP), putative	0,4924	0,08797
TcCLB.510561.50	mucin-associated surface protein (MASP), putative	0,4924	0,6407
TcCLB.509891.60	hypothetical protein, conserved	0,4923	0,0009013
TcCLB.506939.10	mucin-associated surface protein (MASP, pseudogene), pu	0,4923	0,5134
TcCLB.503769.20	trans-sialidase (pseudogene), putative	0,4921	0,3235
TcCLB.506829.39	ribosomal protein S7, putative	0,4911	6,315E-12
TcCLB.506869.10	hypothetical protein	0,491	0,004185
TcCLB.504411.5	hypothetical protein, conserved (fragment)	0,491	0,5166
TcCLB.509349.20	retrotransposon hot spot (RHS) protein, putative	0,4909	0,0001104
TcCLB.509645.30	hypothetical protein, conserved	0,4908	0,00147
TcCLB.510275.80	trans-sialidase (pseudogene), putative	0,4907	0,1765
TcCLB.509161.40	centrin, putative	0,4906	0,002683
TcCLB.481211.30	mucin TcMUCII, putative	0,4905	0,07238
TcCLB.506289.130	hypothetical protein	0,4904	0,1762
TcCLB.508109.14	mucin TcMUCII, putative	0,4904	0,302
TcCLB.506891.30	leucine-rich repeat-containing protein	0,4902	0,01581
TcCLB.506501.177	hypothetical protein, conserved (pseudogene)	0,4902	0,4985
TcCLB.506915.20	hypothetical protein	0,4901	0,00003967
TcCLB.504741.40	hypothetical protein, conserved	0,49	0,0014
TcCLB.507691.31	hypothetical protein	0,4899	0,04016
TcCLB.507237.120	mucin-associated surface protein (MASP), putative	0,4899	0,2922
TcCLB.510095.40	retrotransposon hot spot protein (RHS, pseudogene), putat	0,4898	0,009855
TcCLB.505365.80	retrotransposon hot spot protein (RHS, pseudogene), putat	0,4897	0,04643
TcCLB.511337.10	hypothetical protein, conserved	0,4894	0,000268
TcCLB.506529.370	hypothetical protein	0,4894	0,02125
TcCLB.504189.10	beta galactofuranosyl glycosyltransferase (pseudogene), pi	0,4894	0,3094
TcCLB.505183.60	hypothetical protein, conserved	0,4889	0,00003127
TcCLB.507085.110	hypothetical protein	0,4889	0,1516
TcCLB.503879.50	hypothetical protein, conserved	0,4888	0,001205

TcCLB.506213.60	40S ribosomal protein S2, putative	0,4884	0,2681
TcCLB.510475.100	mucin-associated surface protein (MASP), putative	0,4882	0,1263
TcCLB.510483.30	trans-sialidase (pseudogene), putative	0,488	0,1608
TcCLB.507991.70	hypothetical protein, conserved	0,4878	0,00233
TcCLB.504229.4	retrotransposon hot spot (RHS) protein, putative	0,4877	0,009599
TcCLB.510877.160	hypothetical protein, conserved	0,4876	0,0001126
TcCLB.509967.50	hypothetical protein, conserved	0,4875	0,01517
TcCLB.510487.79	mucin-associated surface protein (MASP), putative	0,4873	0,2934
TcCLB.510643.110	beta galactofuranosyl glycosyltransferase, putative	0,4871	0,01918
TcCLB.506393.80	trans-sialidase (pseudogene), putative	0,4871	0,4495
TcCLB.506279.160	mucin-associated surface protein (MASP, pseudogene), pu	0,4869	0,3482
TcCLB.508649.20	hypothetical protein, conserved	0,4868	1,289E-08
TcCLB.509163.110	retrotransposon hot spot (RHS) protein, putative	0,4868	0,06482
TcCLB.506885.204	hypothetical protein, conserved	0,4865	2,715E-07
TcCLB.510155.130	hypothetical protein, conserved	0,4863	1,707E-07
TcCLB.511649.90	hypothetical protein, conserved	0,4861	0,0002291
TcCLB.509265.110	trans-sialidase, Group IV, putative	0,486	0,04355
TcCLB.506455.10	retrotransposon hot spot protein (RHS, pseudogene), putat	0,4853	0,06728
TcCLB.508779.30	synaptobrevin, putative	0,485	0,0001967
TcCLB.511167.20	hypothetical protein, conserved	0,485	0,0005125
TcCLB.507045.10	retrotransposon hot spot protein (RHS, pseudogene), putat	0,485	0,01036
TcCLB.505997.40	hypothetical protein, conserved (pseudogene)	0,4847	0,004907
TcCLB.506419.30	hypothetical protein, conserved	0,4847	0,02256
TcCLB.506685.5	trans-sialidase (pseudogene), putative	0,4841	0,01354
TcCLB.507059.20	trans-sialidase, Group V, putative	0,4841	0,05746
TcCLB.506295.120	Trk system potassium uptake protein (HKT1)	0,484	0,002683
TcCLB.510357.160	hypothetical protein, conserved (fragment)	0,484	0,1418
TcCLB.511181.160	choline/ethanolamine kinase (pseudogene), putative	0,4838	0,001079
TcCLB.504003.80	hypothetical protein, conserved	0,4837	0,133
TcCLB.506437.40	tuzin	0,4835	1,087E-07
TcCLB.505363.19	trans-sialidase, putative	0,4834	0,00811
TcCLB.506579.60	hypothetical protein, conserved	0,483	0,002728
TcCLB.508271.20	hypothetical protein, conserved	0,4829	0,002519
TcCLB.510557.73	mucin-associated surface protein (MASP, pseudogene), pu	0,4829	0,2581
TcCLB.506795.44	hypothetical protein, conserved	0,4827	3,107E-06
TcCLB.506865.70	hypothetical protein, conserved	0,4827	7,463E-06
TcCLB.511107.5	mucin TcMUCII, putative	0,4826	0,0671
TcCLB.507075.40	mucin-associated surface protein (MASP), putative (fragm	0,4825	0,1838
TcCLB.511249.34	hypothetical protein, conserved	0,4824	0,002529
TcCLB.509093.10	mucin-associated surface protein (MASP), putative	0,4823	0,399
TcCLB.506057.81	mucin-associated surface protein (MASP, pseudogene), pu	0,4822	0,00735
TcCLB.503779.30	hypothetical protein, conserved	0,482	0,007078
TcCLB.511907.30	hypothetical protein, conserved	0,4818	8,801E-06
TcCLB.510025.250	trans-sialidase (pseudogene), putative	0,4817	0,1059
TcCLB.510359.630	retrotransposon hot spot protein (RHS, pseudogene), putat	0,4817	0,2103

TcCLB.504899.30	hypothetical protein	0,4815	0,0253
TcCLB.508969.30	retrotransposon hot spot protein (RHS, pseudogene), putat	0,4809	0,05178
TcCLB.506789.120	hypothetical protein, conserved	0,4808	4,094E-06
TcCLB.507891.20	flagellar calcium-binding-like protein, putative	0,4808	0,001033
TcCLB.504165.20	hypothetical protein, conserved	0,4808	0,002763
TcCLB.508649.10	beta propeller protein, putative	0,4806	0,00003642
TcCLB.504167.20	mucin TcMUCI, putative	0,4803	0,02456
TcCLB.511807.110	GMP synthase [glutamine-hydrolysing] (Gmps)	0,48	4,936E-09
TcCLB.508039.90	phosphoinositide-specific phospholipase C (pseudogene), p	0,48	0,008417
TcCLB.506139.80	mucin TcMUCII, putative	0,4798	0,5052
TcCLB.506965.100	mucin-associated surface protein (MASP), putative	0,4797	0,322
TcCLB.510661.90	ATP-dependent RNA helicase, putative	0,4796	4,766E-07
TcCLB.509411.10	trans-sialidase, Group II, putative	0,4796	0,371
TcCLB.458015.10	hypothetical protein, conserved	0,4795	0,00003492
TcCLB.511401.130	mucin-associated surface protein (MASP, pseudogene), pu	0,4795	0,2254
TcCLB.510657.50	hypothetical protein, conserved	0,4794	0,005082
TcCLB.506389.20	trans-sialidase (pseudogene), putative	0,4794	0,03894
TcCLB.504149.20	ATP-binding cassette transporter ABCA1, putative (ABCA1)	0,4793	0,0003983
TcCLB.509979.140	hypothetical protein, conserved	0,4793	0,0005663
TcCLB.511127.300	hypothetical protein, conserved	0,479	0,194
TcCLB.511393.20	rhomboid-like protein, putative	0,4789	0,0001868
TcCLB.506661.10	fatty acid elongase, putative	0,4788	0,005445
TcCLB.511385.90	hypothetical protein, conserved	0,4785	4,491E-07
TcCLB.510861.14	hypothetical protein, conserved (fragment)	0,4785	2,918E-06
TcCLB.506289.70	hypothetical protein, conserved	0,4785	0,0000158
TcCLB.508501.165	U6 snRNA-associated Sm-like protein LSm6p	0,4781	0,08951
TcCLB.506513.50	protein kinase, putative	0,478	0,0001916
TcCLB.509027.50	hypothetical protein, conserved	0,4779	0,01305
TcCLB.511311.20	trans-sialidase, Group II, putative	0,4777	0,08136
TcCLB.507731.60	trans-sialidase, putative	0,4777	0,2965
TcCLB.508119.90	surface protease GP63 (pseudogene), putative	0,4774	0,00003953
TcCLB.509337.28	hypothetical protein, conserved (pseudogene)	0,4773	0,0004723
TcCLB.509461.20	hypothetical protein, conserved	0,4773	0,009561
TcCLB.503815.10	alkyl-dihydroxyacetone phosphate synthase, putative	0,4772	1,027E-09
TcCLB.509153.40	hypothetical protein, conserved	0,4772	3,252E-07
TcCLB.508649.14	hypothetical protein, conserved	0,4772	0,000502
TcCLB.508161.23	hypothetical protein	0,4771	0,5264
TcCLB.510751.10	poly(A)-specific ribonuclease PARN, putative	0,477	0,00009734
TcCLB.503401.11	retrotransposon hot spot (RHS) protein, putative (fragmen	0,477	0,3992
TcCLB.506613.40	trans-sialidase, Group V, putative	0,4767	0,1218
TcCLB.511683.30	hypothetical protein, conserved	0,4766	0,0001678
TcCLB.507647.39	hypothetical protein, conserved	0,4766	0,0274
TcCLB.508097.81	mucin TcMUCII, putative	0,4765	0,3179
TcCLB.507895.160	hypothetical protein, conserved	0,4764	0,0105
TcCLB.506159.10	retrotransposon hot spot protein (RHS, pseudogene), putat	0,4764	0,01275

TcCLB.503715.40	protein kinase, putative	0,4763	0,1056
TcCLB.511401.100	mucin-associated surface protein (MASP), putative	0,4754	0,1022
TcCLB.510809.10	mucin TcMUCII, putative	0,4749	0,3165
TcCLB.508713.20	hypothetical protein, conserved	0,4748	0,001513
TcCLB.510713.110	mucin-associated surface protein (MASP), putative	0,4745	0,351
TcCLB.510887.64	hypothetical protein, conserved	0,4744	0,02749
TcCLB.506425.50	hypothetical protein, conserved	0,4743	0,0001243
TcCLB.510241.5	hypothetical protein	0,4743	0,0003562
TcCLB.508307.134	hypothetical protein, conserved	0,4743	0,003733
TcCLB.510351.50	hypothetical protein, conserved	0,4741	0,0002675
TcCLB.504259.10	hypothetical protein, conserved	0,4741	0,1489
TcCLB.511071.10	hypothetical protein, conserved	0,474	0,00006868
TcCLB.510719.20	short-chain dehydrogenase, putative	0,4738	0,0009712
TcCLB.503889.5	hypothetical protein	0,4737	0,07613
TcCLB.511111.30	hypothetical protein, conserved	0,4736	0,0001823
TcCLB.506303.100	hypothetical protein, conserved	0,4736	0,003155
TcCLB.511077.30	retrotransposon hot spot protein (RHS, pseudogene), putat	0,4735	0,09018
TcCLB.506789.180	glutaminy cyclase, putative	0,4734	0,00001345
TcCLB.503595.19	ATP-dependent DEAD/H RNA helicase, putative (fragment)	0,4734	0,00609
TcCLB.511283.160	hypothetical protein, conserved	0,4733	2,129E-07
TcCLB.506885.14	ribosomal protein L37, putative	0,4731	0,00006603
TcCLB.511283.60	hypothetical protein, conserved	0,4731	0,0003157
TcCLB.509213.150	hypothetical protein, conserved	0,473	0,001909
TcCLB.508567.80	DNA repair and recombination helicase protein PIF7, putat	0,4729	4,875E-06
TcCLB.507959.270	mucin TcMUCII, putative	0,4728	0,3577
TcCLB.506845.10	retrotransposon hot spot protein (RHS, pseudogene), putat	0,4727	0,09134
TcCLB.504099.70	retrotransposon hot spot protein (RHS, pseudogene), putat	0,4726	0,1965
TcCLB.507679.20	retrotransposon hot spot protein (RHS, pseudogene), putat	0,4724	0,2557
TcCLB.506959.94	hypothetical protein, conserved	0,4723	0,004109
TcCLB.503441.10	retrotransposon hot spot protein (RHS, pseudogene), putat	0,472	0,0001249
TcCLB.419469.30	hypothetical protein, conserved	0,472	0,001027
TcCLB.508245.70	mucin-associated surface protein (MASP), putative	0,472	0,2943
TcCLB.510857.20	hypothetical protein, conserved	0,4719	0,02529
TcCLB.506173.100	mucin-associated surface protein (MASP, pseudogene), pu	0,4719	0,26
TcCLB.507519.60	Silent information regulator 2 related protein 1, putative (S	0,4718	0,002046
TcCLB.507949.219	mucin-associated surface protein (MASP, pseudogene), pu	0,4718	0,02401
TcCLB.511183.430	trans-sialidase, Group V, putative	0,4718	0,1902
TcCLB.510361.50	mucin-associated surface protein (MASP, pseudogene), pu	0,4717	0,1367
TcCLB.508509.20	mucin TcMUCII, putative	0,4717	0,3943
TcCLB.506751.116	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	0,4716	0,3965
TcCLB.509237.30	glycosomal transporter (GAT1), putative (GAT1)	0,4712	0,00005107
TcCLB.504213.80	threonine synthase, putative	0,4711	0,00006149
TcCLB.509427.60	trans-sialidase (pseudogene), putative	0,4711	0,1351
TcCLB.509237.10	mevalonate kinase, putative	0,4708	0,00001367
TcCLB.510283.160	hypothetical protein, conserved	0,4708	0,006451

TcCLB.510629.420	protein phosphatase 1, regulatory subunit, putative	0,4706	0,0009003
TcCLB.507471.20	mucin-associated surface protein (MASP, pseudogene), pu	0,4706	0,1452
TcCLB.506939.110	mucin-associated surface protein (MASP), putative	0,4705	0,4111
TcCLB.511575.20	hypothetical protein, conserved	0,4704	0,01394
TcCLB.511231.69	hypothetical protein, conserved	0,47	0,0002018
TcCLB.507089.270	dihydrolipoyl dehydrogenase, putative (GCVL-2)	0,4699	3,014E-08
TcCLB.511871.130	retrotransposon hot spot (RHS) protein, putative	0,4699	0,006402
TcCLB.511635.80	hypothetical protein, conserved	0,4696	0,002515
TcCLB.509237.100	hypothetical protein, conserved	0,4696	0,005475
TcCLB.508001.60	trans-sialidase (pseudogene), putative	0,4696	0,1639
TcCLB.511533.19	dynein light intermediate chain, putative	0,4695	0,02846
TcCLB.507547.80	protein kinase, putative	0,4695	0,03119
TcCLB.508669.30	hypothetical protein	0,4693	0,0007348
TcCLB.510569.10	trans-sialidase, putative	0,4693	0,2067
TcCLB.508831.66	hypothetical protein, conserved	0,4692	0,0001247
TcCLB.506173.170	retrotransposon hot spot protein (RHS, pseudogene), putat	0,4692	0,002825
TcCLB.503869.9	axoneme central apparatus protein, putative	0,4691	0,001921
TcCLB.509127.20	hypothetical protein, conserved	0,469	0,003656
TcCLB.506895.30	hypothetical protein, conserved	0,469	0,01005
TcCLB.511575.40	hypothetical protein, conserved	0,4688	4,044E-06
TcCLB.509051.50	hypothetical protein, conserved	0,4687	0,0006299
TcCLB.511401.95	hypothetical protein (pseudogene)	0,4687	0,08586
TcCLB.508125.65	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	0,4686	0,2348
TcCLB.508741.30	hypothetical protein, conserved	0,4685	0,0001351
TcCLB.511247.18	50S ribosomal protein L16, putative	0,4684	0,003556
TcCLB.509265.60	retrotransposon hot spot protein (RHS, pseudogene), putat	0,4684	0,02222
TcCLB.506757.70	retrotransposon hot spot protein (RHS, pseudogene), putat	0,4684	0,3054
TcCLB.508999.230	calpain-like cysteine peptidase (pseudogene), putative	0,4683	0,00003786
TcCLB.510879.220	hypothetical protein, conserved	0,4682	0,0005118
TcCLB.507641.50	hypothetical protein, conserved	0,4681	1,119E-06
TcCLB.507837.30	hypothetical protein, conserved	0,4681	0,00005768
TcCLB.508629.42	retrotransposon hot spot protein (RHS, pseudogene), putat	0,4681	0,0001038
TcCLB.507691.10	hypothetical protein, conserved	0,4681	0,3107
TcCLB.508975.20	pre-rrna-processing protein tsr1 homolog	0,4679	1,904E-06
TcCLB.505401.40	dispersed gene family protein 1 (DGF-1), putative	0,4678	0,5208
TcCLB.503441.19	retrotransposon hot spot protein (RHS, pseudogene), putat	0,4675	0,0054
TcCLB.510665.70	acyl transferase-like protein, putative	0,4674	0,09389
TcCLB.507701.4	mucin-associated surface protein (MASP), putative (fragm	0,4673	0,3569
TcCLB.503605.10	retrotransposon hot spot protein (RHS, pseudogene), putat	0,4672	0,00001214
TcCLB.511761.40	hypothetical protein, conserved	0,4672	0,1404
TcCLB.506755.70	hypothetical protein, conserved	0,4671	0,0052
TcCLB.504867.129	hypothetical protein, conserved	0,467	0,002036
TcCLB.511727.290	RNA-binding protein, putative	0,4669	3,743E-13
TcCLB.511903.230	hypothetical protein, conserved	0,4669	0,00347
TcCLB.503947.20	mucin-associated surface protein (MASP), putative	0,4669	0,07721

TcCLB.503823.50	hypothetical protein, conserved	0,4668	0,0005073
TcCLB.510857.54	hypothetical protein, conserved	0,4668	0,004961
TcCLB.506757.100	retrotransposon hot spot protein (RHS, pseudogene), putat	0,4668	0,1138
TcCLB.429185.20	trans-sialidase (pseudogene), putative	0,4668	0,3521
TcCLB.506855.250	hypothetical protein, conserved	0,4666	0,00001167
TcCLB.511019.80	retrotransposon hot spot (RHS) protein, putative	0,4666	0,001636
TcCLB.507857.50	protein phosphatase, putative	0,4664	0,0001353
TcCLB.510309.30	PTP1-interacting protein, 39 kDa, putative	0,4662	0,009057
TcCLB.509769.148	dynein heavy chain, putative	0,4661	0,004707
TcCLB.506563.110	calpain-like cysteine peptidase (pseudogene), putative	0,4657	5,184E-07
TcCLB.509723.20	glycine dehydrogenase (pseudogene), putative	0,4657	0,2901
TcCLB.510797.30	hypothetical protein, conserved	0,4654	0,0002091
TcCLB.506285.90	mucin TcMUCII, putative	0,4654	0,2921
TcCLB.506909.150	mucin TcMUCII (pseudogene), putative	0,4654	0,5524
TcCLB.506591.130	hypothetical protein, conserved	0,465	0,003034
TcCLB.507959.170	mucin-associated surface protein (MASP), putative	0,4649	0,232
TcCLB.510889.270	hypothetical protein, conserved	0,4648	0,0002192
TcCLB.504239.120	trans-sialidase (pseudogene), putative	0,4646	0,4507
TcCLB.506767.50	mucin TcMUCII, putative	0,4646	0,4599
TcCLB.510101.110	hypothetical protein, conserved	0,4644	5,542E-06
TcCLB.511127.180	hypothetical protein, conserved	0,4642	0,000217
TcCLB.511001.90	hypothetical protein, conserved	0,4641	5,311E-09
TcCLB.506577.60	hypothetical protein, conserved	0,4641	0,00003885
TcCLB.509153.80	Present in the outer mitochondrial membrane proteome 3i	0,464	0,008369
TcCLB.511715.90	hypothetical protein, conserved	0,4637	0,0006457
TcCLB.510671.20	tryptophanyl-tRNA synthetase, putative	0,4635	8,985E-09
TcCLB.504159.70	hypothetical protein, conserved	0,4632	0,002284
TcCLB.509825.7	hypothetical protein, conserved	0,4632	0,4486
TcCLB.506401.370	hypothetical protein, conserved	0,4629	0,003136
TcCLB.509695.30	hypothetical protein, conserved	0,4628	0,01379
TcCLB.504277.11	surface protein TolT, putative	0,4626	0,072
TcCLB.511237.70	hypothetical protein, conserved	0,4625	0,008198
TcCLB.511219.20	retrotransposon hot spot protein (RHS, pseudogene), putat	0,4625	0,009842
TcCLB.511871.80	frataxin-like, mitochondrial precursor, putative	0,4622	0,0236
TcCLB.508761.90	mucin-associated surface protein (MASP), putative	0,4619	0,632
TcCLB.511291.50	hypothetical protein, conserved	0,4617	0,007485
TcCLB.508977.130	mucin-associated surface protein (MASP), putative	0,4617	0,2051
TcCLB.510515.100	coronin, putative (CRN12)	0,4616	0,00001853
TcCLB.511277.486	hypothetical protein, conserved	0,4616	0,01202
TcCLB.504183.10	retrotransposon hot spot protein (RHS, pseudogene), putat	0,4614	0,07816
TcCLB.511237.50	40S ribosomal protein S33, putative	0,4612	2,203E-06
TcCLB.508277.320	hypothetical protein, conserved	0,4609	0,001031
TcCLB.511607.110	mucin-associated surface protein (MASP), putative	0,4608	0,1846
TcCLB.508629.58	hypothetical protein, conserved (pseudogene)	0,4607	0,0004695
TcCLB.507445.50	myosin heavy chain, putative	0,4606	1,549E-06



TcCLB.511409.40	hypothetical protein, conserved	0,4606	0,0005956
TcCLB.511727.145	hypothetical protein	0,4605	6,913E-06
TcCLB.507941.50	hypothetical protein, conserved	0,4603	0,0002018
TcCLB.507993.36	hypothetical protein, conserved	0,4603	0,02308
TcCLB.510729.140	NIMA-related kinase, putative	0,4603	0,06359
TcCLB.508153.1130	hypothetical protein	0,4603	0,07579
TcCLB.505919.40	protein kinase, putative	0,4602	0,1908
TcCLB.510759.150	hypothetical protein, conserved	0,46	0,00002994
TcCLB.511283.290	hypothetical protein, conserved	0,4599	5,117E-08
TcCLB.511149.80	hypothetical protein	0,4599	0,3342
TcCLB.507985.30	trans-sialidase (pseudogene), putative	0,4598	0,6802
TcCLB.510657.20	ubiquitin hydrolase, putative	0,4597	0,01514
TcCLB.509539.20	receptor-type adenylate cyclase, putative	0,4596	0,00404
TcCLB.511771.143	retrotransposon hot spot protein (RHS, pseudogene), putat	0,4595	0,2426
TcCLB.510425.19	40S ribosomal protein SA, putative	0,4591	6,702E-08
TcCLB.418185.70	trans-sialidase, Group II, putative	0,459	0,1629
TcCLB.507783.20	AGP2beta-2, putative	0,4589	0,0001009
TcCLB.506147.200	hypothetical protein, conserved	0,4588	0,0009239
TcCLB.506517.14	protein kinase, putative	0,4588	0,1424
TcCLB.510173.100	hypothetical protein, conserved	0,4587	0,0109
TcCLB.511771.120	hypothetical protein, conserved (pseudogene)	0,4586	0,01247
TcCLB.504161.59	transporter, putative	0,4585	0,01012
TcCLB.510879.60	hypothetical protein, conserved	0,4585	0,01111
TcCLB.507057.4	myosin heavy chain, putative (fragment)	0,4585	0,01329
TcCLB.506573.10	hypothetical protein, conserved	0,4584	0,0003108
TcCLB.510889.30	kinase, putative	0,4584	0,00157
TcCLB.506145.50	hypothetical protein, conserved	0,4584	0,1047
TcCLB.507021.20	ESAG8-associated protein, putative (PIE8)	0,4583	0,2302
TcCLB.509525.244	hypothetical protein	0,4583	0,536
TcCLB.506693.50	ribonuclease inhibitor-like protein, putative	0,4582	0,002015
TcCLB.506563.60	hypothetical protein, conserved	0,4581	0,009866
TcCLB.503891.50	hypothetical protein, conserved	0,458	0,0009435
TcCLB.507501.30	hypothetical protein, conserved	0,4579	0,188
TcCLB.506367.180	vesicular transport protein (CDC48 homologue), putative	0,4578	0,0001577
TcCLB.511755.28	hypothetical protein, conserved	0,4578	0,08822
TcCLB.506845.60	retrotransposon hot spot (RHS) protein, putative	0,4578	0,2453
TcCLB.510423.70	hypothetical protein, conserved	0,4576	0,02832
TcCLB.509209.20	hypothetical protein, conserved	0,4576	0,06917
TcCLB.506195.25	hypothetical protein, conserved	0,4575	0,2178
TcCLB.509745.10	hypothetical protein, conserved	0,4574	0,00003905
TcCLB.510489.44	mucin TcMUCII (pseudogene), putative	0,4574	0,361
TcCLB.511301.80	choline/carnitine O-acyltransferase (pseudogene), putative	0,4572	0,00001253
TcCLB.510181.150	caltractin, putative	0,4571	0,02437
TcCLB.508011.110	mucin-associated surface protein (MASP), putative	0,4571	0,225
TcCLB.503537.9	retrotransposon hot spot protein (RHS, pseudogene), putat	0,457	0,0001672

TcCLB.506459.299	mucin-associated surface protein (MASP, pseudogene), pu	0,4569	0,00003554
TcCLB.507499.60	retrotransposon hot spot protein (RHS, pseudogene), putat	0,4568	1,224E-07
TcCLB.511025.110	dihydrolipoyl dehydrogenase, putative (GCVL-2)	0,4568	6,228E-06
TcCLB.510543.10	retrotransposon hot spot protein (RHS, pseudogene), putat	0,4567	0,01298
TcCLB.506683.250	retrotransposon hot spot protein (RHS, pseudogene), putat	0,4567	0,1219
TcCLB.511553.200	mucin-associated surface protein (MASP), putative	0,4567	0,3224
TcCLB.506651.9	dispersed gene family protein 1 (DGF-1), putative	0,4566	0,1199
TcCLB.510379.20	hypothetical protein (fragment)	0,4566	0,3596
TcCLB.509429.124	hypothetical protein, conserved	0,4565	0,07144
TcCLB.510017.59	mucin-associated surface protein (MASP), putative	0,4564	0,06549
TcCLB.506975.90	trans-sialidase, Group VIII, putative	0,4564	0,2077
TcCLB.504147.210	hypothetical protein, conserved	0,4563	0,009672
TcCLB.511469.110	dispersed gene family protein 1 (DGF-1), putative	0,4559	0,06774
TcCLB.511877.20	mucin-associated surface protein (MASP), putative	0,4559	0,07761
TcCLB.509699.210	mucin-associated surface protein (MASP), putative	0,4558	0,3055
TcCLB.511649.140	hypothetical protein, conserved	0,4555	0,005207
TcCLB.503479.10	hypothetical protein, conserved	0,4553	0,001749
TcCLB.510667.20	hypothetical protein, conserved	0,4552	0,01415
TcCLB.508817.50	DNA repair protein RAD51, putative (RAD51)	0,4551	2,627E-07
TcCLB.507583.60	hypothetical protein, conserved	0,4551	0,4351
TcCLB.509109.80	hypothetical protein, conserved	0,4548	5,187E-09
TcCLB.509105.20	palmitoyl acyltransferase 2, putative	0,4548	0,001332
TcCLB.511821.120	hypothetical protein, conserved	0,4547	0,0009392
TcCLB.510165.60	expression site-associated gene (ESAG-like) protein, putati	0,4547	0,1367
TcCLB.508973.80	hypothetical protein, conserved	0,4546	8,878E-09
TcCLB.510583.74	mucin-associated surface protein (MASP, pseudogene), pu	0,4543	0,3049
TcCLB.506591.120	receptor-type adenylate cyclase (pseudogene), putative	0,4542	0,00008981
TcCLB.506201.84	hypothetical protein, conserved	0,4541	0,02821
TcCLB.506757.90	trans-sialidase, Group II, putative	0,4537	0,108
TcCLB.507231.20	trans-sialidase (pseudogene), putative	0,4535	0,1818
TcCLB.511607.100	mucin TcMUCII, putative	0,4534	0,1792
TcCLB.506765.40	trans-sialidase, Group II, putative	0,4533	0,3421
TcCLB.511367.50	hypothetical protein, conserved	0,4532	0,00005029
TcCLB.509571.50	hypothetical protein, conserved	0,4531	0,00006438
TcCLB.509857.10	hypothetical protein, conserved	0,453	0,0009573
TcCLB.506725.40	hypothetical protein, conserved	0,453	0,001537
TcCLB.508381.40	retrotransposon hot spot protein (RHS, pseudogene), putat	0,4526	0,09589
TcCLB.509979.200	mucin-associated surface protein (MASP), putative	0,4524	0,1453
TcCLB.508523.40	dispersed gene family protein 1 (DGF-1), putative	0,4522	0,0007565
TcCLB.511621.30	hypothetical protein, conserved	0,4522	0,01042
TcCLB.509331.9	5'-3' exoribonuclease C, putative (fragment) (XRNC)	0,4521	0,06971
TcCLB.504863.10	retrotransposon hot spot (RHS) protein, putative	0,4519	0,00006645
TcCLB.504003.90	hypothetical protein, conserved	0,4516	0,003431
TcCLB.511507.24	hypothetical protein, conserved	0,4514	0,04597
TcCLB.507623.60	hypothetical protein, conserved	0,4513	5,862E-06

TcCLB.508887.30	hypothetical protein	0,4513	0,2646
TcCLB.508639.10	trans-sialidase, putative	0,4511	0,1185
TcCLB.507429.6	hypothetical protein	0,4511	0,5211
TcCLB.511183.200	mucin-associated surface protein (MASP, pseudogene), pu	0,4509	0,07039
TcCLB.509897.210	mucin-associated surface protein (MASP, pseudogene), pu	0,4508	0,02847
TcCLB.506419.69	hypothetical protein, conserved	0,4507	0,03494
TcCLB.508209.100	10 kDa heat shock protein, putative	0,4506	0,006287
TcCLB.506683.19	GMP synthase (pseudogene), putative	0,4505	0,0005911
TcCLB.509525.20	trans-sialidase (pseudogene), putative	0,4505	0,02967
TcCLB.506173.70	trans-sialidase, Group V, putative	0,4504	0,09783
TcCLB.509207.130	peptidyl-prolyl cis-trans isomerase (PAR45)	0,4503	0,0001423
TcCLB.508731.30	calmodulin, putative	0,4503	0,003173
TcCLB.511449.40	mucin TcMUCII (pseudogene), putative	0,4503	0,3186
TcCLB.509291.10	hypothetical protein	0,4503	0,3686
TcCLB.410243.10	hypothetical protein, conserved (fragment)	0,4502	0,04395
TcCLB.509749.39	short-chain dehydrogenase, putative	0,4502	0,3442
TcCLB.509099.10	GTP-binding protein, putative	0,45	0,0004522
TcCLB.508285.60	trans-sialidase, Group II, putative	0,45	0,1087
TcCLB.506559.360	hypothetical protein, conserved	0,4497	0,00007371
TcCLB.506537.60	dispersed gene family protein 1 (DGF-1, pseudogene), puta	0,4496	0,003376
TcCLB.508175.370	glutamine synthetase, putative	0,4496	0,003463
TcCLB.508873.10	mucin-associated surface protein (MASP), putative	0,4496	0,1036
TcCLB.505915.40	beta galactofuranosyl glycosyltransferase (pseudogene), pi	0,4495	0,1647
TcCLB.510493.20	hypothetical protein, conserved	0,4491	0,0467
TcCLB.504207.20	hypothetical protein, conserved	0,4488	2,716E-06
TcCLB.507939.70	hypothetical protein	0,4487	0,2537
TcCLB.510347.10	hypothetical protein	0,4486	0,00002988
TcCLB.509899.20	retrotransposon hot spot protein (RHS, pseudogene), putat	0,4486	0,01765
TcCLB.504313.10	trans-sialidase, Group IV, putative	0,4486	0,3543
TcCLB.508325.220	beta galactofuranosyl glycosyltransferase (pseudogene), pi	0,4485	0,001522
TcCLB.510483.120	mucin-associated surface protein (MASP), putative	0,4482	0,4954
TcCLB.506531.60	hypothetical protein, conserved	0,448	0,0001775
TcCLB.507933.29	hypothetical protein, conserved (fragment)	0,4476	0,1143
TcCLB.503633.40	trans-sialidase (pseudogene), putative	0,4476	0,141
TcCLB.511815.60	prefoldin, putative	0,4475	0,0001438
TcCLB.510101.280	kinesin, putative	0,4474	7,842E-09
TcCLB.511557.64	hypothetical protein	0,4474	0,006364
TcCLB.507159.50	hypothetical protein, conserved	0,4467	0,0005743
TcCLB.509059.10	hypothetical protein	0,4465	0,05659
TcCLB.511183.550	mucin TcMUCII, putative	0,4463	0,5578
TcCLB.510463.120	mucin-associated surface protein (MASP), putative	0,4463	0,7709
TcCLB.510579.10	tyrosine phosphatase-like protein, putative	0,4462	0,002924
TcCLB.509511.10	dispersed gene family protein 1 (DGF-1), putative	0,446	0,0289
TcCLB.507765.60	40S ribosomal protein S21, putative	0,4457	8,157E-10
TcCLB.432443.10	mucin-associated surface protein (MASP), putative	0,4456	0,3673

TcCLB.511621.130	hypothetical protein, conserved	0,4453	0,000155
TcCLB.506443.70	glutathione-S-transferase/glutaredoxin, putative	0,4453	0,001976
TcCLB.509937.150	serine hydroxymethyltransferase, putative	0,4452	0,01802
TcCLB.511903.45	tuzin-like (pseudogene), putative	0,4451	0,003167
TcCLB.509437.183	hypothetical protein, conserved (pseudogene)	0,4451	0,004175
TcCLB.503563.14	ADG1, putative	0,4451	0,008142
TcCLB.506871.120	hypothetical protein, conserved	0,445	0,0003854
TcCLB.404843.10	hypothetical protein, conserved	0,4449	0,004454
TcCLB.508121.160	mucin-associated surface protein (MASP, pseudogene), pu	0,4449	0,3971
TcCLB.506435.110	hypothetical protein, conserved	0,4445	0,02649
TcCLB.507953.70	90 kDa surface protein, putative	0,4445	0,395
TcCLB.510759.170	hypothetical protein, conserved	0,4443	0,00006097
TcCLB.511907.120	mucin-like glycoprotein, putative	0,4443	0,1562
TcCLB.510687.120	snoRNP protein GAR1, putative	0,4439	0,004129
TcCLB.508919.94	hypothetical protein, conserved	0,4438	0,01573
TcCLB.507957.280	mucin-associated surface protein (MASP), putative	0,4438	0,2782
TcCLB.509247.50	methionyl-tRNA synthetase, putative	0,4437	4,726E-08
TcCLB.507087.60	hypothetical protein, conserved	0,4437	0,003309
TcCLB.508173.90	hypothetical protein, conserved	0,4436	0,03267
TcCLB.511797.120	mucin-associated surface protein (MASP), putative	0,4432	0,2791
TcCLB.506833.50	hypothetical protein, conserved	0,4431	0,00005069
TcCLB.510699.40	mucin TcMUCII, putative	0,4431	0,3851
TcCLB.506895.5	hypothetical protein	0,4429	0,5052
TcCLB.507053.40	hypothetical protein, conserved	0,4425	6,884E-07
TcCLB.509529.19	dispersed gene family protein 1 (DGF-1), putative (fragme	0,4425	0,01542
TcCLB.508289.70	mucin-associated surface protein (MASP, pseudogene), pu	0,4424	0,4523
TcCLB.506139.10	mucin-associated surface protein (MASP), putative	0,4424	0,4557
TcCLB.506175.50	hypothetical protein, conserved	0,4423	0,0001669
TcCLB.506857.10	glycogen synthase kinase-3 alpha, putative	0,4422	0,002503
TcCLB.508045.79	spliceosomal U5 snRNP-specific protein, putative	0,4421	0,001919
TcCLB.504157.130	surface protein TolT, putative (TolT)	0,442	0,06304
TcCLB.509717.140	hypothetical protein, conserved (pseudogene)	0,442	0,1519
TcCLB.398915.5	trans-sialidase, putative (fragment)	0,4419	0,000452
TcCLB.508585.10	hypothetical protein, conserved	0,4419	0,008538
TcCLB.504125.90	protein kinase, putative	0,4417	0,00003786
TcCLB.508061.60	retrotransposon hot spot protein (RHS, pseudogene), putat	0,4417	0,003407
TcCLB.509907.60	trans-sialidase (pseudogene), putative	0,4416	0,1949
TcCLB.506605.40	hypothetical protein, conserved	0,4411	0,002175
TcCLB.506139.130	hypothetical protein	0,4411	0,5307
TcCLB.511815.4	proteasome regulatory ATPase subunit 5, putative (fragme	0,441	0,001576
TcCLB.508277.269	hypothetical protein, conserved (pseudogene)	0,441	0,005766
TcCLB.506401.180	hypothetical protein, conserved	0,4407	8,65E-07
TcCLB.510737.30	mitochondrial carrier protein, putative	0,4406	0,004625
TcCLB.511399.24	trans-sialidase, putative	0,4406	0,2003
TcCLB.506147.150	hypothetical protein, conserved	0,4403	0,0003198

TcCLB.510041.10	sec1 family transport protein, putative	0,4403	0,07078
TcCLB.511523.14	succinate dehydrogenase cytochrome B subunit	0,4402	0,00487
TcCLB.511583.10	hypothetical protein, conserved	0,44	0,006998
TcCLB.511609.30	mucin-associated surface protein (MASP), putative	0,44	0,5765
TcCLB.509233.50	hypothetical protein, conserved	0,4399	9,94E-07
TcCLB.509337.10	hypothetical protein, conserved	0,4399	0,0001895
TcCLB.508897.70	ADP-ribosylation factor family, putative	0,4399	0,01244
TcCLB.509561.20	flagellum-adhesion glycoprotein, putative	0,4397	0,00007367
TcCLB.507047.50	hypothetical protein, conserved	0,4397	0,00169
TcCLB.508577.110	hypothetical protein, conserved	0,4397	0,01418
TcCLB.509753.210	mucin-associated surface protein (MASP), putative	0,4397	0,1818
TcCLB.510773.100	Flagellar Member 4 (FLAM4)	0,4395	0,0002282
TcCLB.509455.114	Protein of unknown function (DUF1295), putative (POMP23)	0,4395	0,0009987
TcCLB.511851.37	mucin TcMUCl, putative	0,4395	0,2401
TcCLB.509151.110	hypothetical protein, conserved	0,4392	0,00001715
TcCLB.508365.10	mucin TcMUCII, putative	0,4391	0,4606
TcCLB.506605.130	hypothetical protein, conserved	0,439	0,008226
TcCLB.510515.90	hypothetical protein, conserved	0,4389	0,01582
TcCLB.508525.5	cAMP response protein 1, putative (pseudogene)	0,4387	0,1646
TcCLB.511245.140	fatty acid elongase, putative	0,4386	0,00003475
TcCLB.503783.50	surface protease GP63 (pseudogene), putative	0,4386	0,3444
TcCLB.507159.80	hypothetical protein, conserved	0,4385	0,0000378
TcCLB.506727.10	hypothetical protein	0,4382	0,0007514
TcCLB.508441.110	mucin TcMUCl, putative	0,4382	0,009775
TcCLB.511807.70	heat shock protein DNAJ, putative	0,4381	0,000147
TcCLB.509831.5	vesicular transport protein (CDC48 homologue), putative (f	0,4381	0,0253
TcCLB.508231.180	hypothetical protein, conserved	0,438	0,0006113
TcCLB.506269.59	hypothetical protein (pseudogene)	0,4379	0,1225
TcCLB.509785.120	hypothetical protein, conserved (pseudogene)	0,4374	0,387
TcCLB.508555.10	hypothetical protein, conserved	0,4372	0,05277
TcCLB.511801.44	DNA-dependent RNA polymerases, putative	0,4368	0,01128
TcCLB.511635.69	hypothetical protein, conserved	0,4368	0,1058
TcCLB.505949.50	mucin-associated surface protein (MASP, pseudogene), pu	0,4366	0,5494
TcCLB.510113.20	dispersed gene family protein 1 (DGF-1, pseudogene), puta	0,4365	0,02124
TcCLB.510729.210	hypothetical protein, conserved	0,4364	0,00000985
TcCLB.509885.20	hypothetical protein, conserved	0,4364	0,02194
TcCLB.509399.180	hypothetical protein, conserved	0,4363	0,08413
TcCLB.508831.120	glucosamine 6-phosphate n-acetyltransferase, putative	0,4362	0,02538
TcCLB.506955.170	trans-sialidase (pseudogene), putative	0,4361	0,1131
TcCLB.504151.20	hypothetical protein, conserved	0,4358	0,01364
TcCLB.511899.10	2-amino-3-ketobutyrate coenzyme A ligase, putative	0,4358	0,07469
TcCLB.511255.540	mucin-associated surface protein (MASP), putative	0,4357	0,4312
TcCLB.508173.264	hypothetical protein, conserved	0,4353	2,714E-06
TcCLB.506581.20	hypothetical protein, conserved	0,4353	0,00898
TcCLB.504131.100	DnaJ chaperone protein, putative	0,4352	3,006E-06

TcCLB.507491.59	ubiquitin fold modifier protein, putative (UFM1)	0,4352	0,05694
TcCLB.509023.90	hypothetical protein, conserved	0,4351	0,02456
TcCLB.507211.10	choline/carnitine O-acyltransferase, putative	0,4348	0,0003146
TcCLB.510243.50	adenylate kinase, putative	0,4348	0,00145
TcCLB.506629.70	cysteine desulfurase, putative	0,4348	0,002888
TcCLB.506529.250	hypothetical protein, conserved	0,4347	4,757E-07
TcCLB.510081.30	retrotransposon hot spot protein (RHS, pseudogene), putative	0,4347	0,002459
TcCLB.508355.210	hypothetical protein, conserved	0,4346	0,01436
TcCLB.508013.70	mucin TcMUCII, putative	0,4346	0,5765
TcCLB.508719.70	flagellum targeting protein kharon1, putative (KH1)	0,4343	0,00002486
TcCLB.509067.40	NADH dehydrogenase subunit NI8M, putative	0,4343	0,005178
TcCLB.510741.70	protein kinase, putative	0,4342	0,06817
TcCLB.511277.115	hypothetical protein, conserved	0,434	0,00001704
TcCLB.509207.160	proteasome regulatory ATPase subunit 1, putative	0,4337	4,788E-06
TcCLB.506173.120	mucin TcMUCI, putative	0,4336	0,419
TcCLB.508273.30	hypothetical protein, conserved	0,4335	0,0007576
TcCLB.507521.100	hypothetical protein, conserved	0,4334	0,02515
TcCLB.504371.20	dispersed gene family protein 1 (DGF-1, pseudogene), putative	0,4333	0,05801
TcCLB.509391.10	Flagellar calcium-binding protein 24, putative	0,4333	0,5201
TcCLB.506811.190	UDP-galactose 4-epimerase (GalE)	0,4331	0,00001279
TcCLB.508317.10	cysteine proteinase, putative	0,433	0,0007722
TcCLB.509319.109	paraflagellar rod protein, putative (fragment)	0,433	0,09613
TcCLB.510733.50	hypothetical protein, conserved	0,4329	6,899E-08
TcCLB.510187.410	hypothetical protein, conserved	0,4329	0,001219
TcCLB.505999.160	leucine-rich repeat-containing protein	0,4329	0,006994
TcCLB.506961.10	retrotransposon hot spot (RHS) protein, putative	0,4327	0,003908
TcCLB.510237.80	trans-sialidase, Group V, putative	0,4327	0,1364
TcCLB.506603.35	trans-sialidase (pseudogene), putative	0,4327	0,1408
TcCLB.504717.10	divalent cation tolerance protein, putative	0,4325	0,4826
TcCLB.506525.50	hypothetical protein, conserved	0,4324	0,002557
TcCLB.510155.210	calcium/potassium channel (CAKC), putative	0,432	0,0005057
TcCLB.507009.130	hypothetical protein, conserved	0,4319	0,0001172
TcCLB.511167.30	hypothetical protein, conserved	0,4318	0,002853
TcCLB.503521.89	mannosyltransferase-II, putative	0,4317	0,00115
TcCLB.508979.40	hypothetical protein	0,4316	0,568
TcCLB.511735.30	hypothetical protein, conserved	0,4315	0,03277
TcCLB.507017.159	hypothetical protein, conserved	0,4311	0,02778
TcCLB.508775.20	retrotransposon hot spot protein (RHS, pseudogene), putative	0,4311	0,04767
TcCLB.507521.60	hypothetical protein, conserved	0,4311	0,06472
TcCLB.509843.10	retrotransposon hot spot (RHS) protein, putative	0,431	0,0004121
TcCLB.504111.10	hypothetical protein, conserved	0,4307	0,0001104
TcCLB.504213.40	hypothetical protein, conserved	0,4305	0,0009772
TcCLB.508239.30	neurobeachin/beige-like protein, putative	0,4302	7,099E-09
TcCLB.509879.20	hypothetical protein, conserved	0,4302	0,005972
TcCLB.510719.270	hypothetical protein, conserved	0,4302	0,0387

TcCLB.508939.40	hypothetical protein	0,4302	0,4489
TcCLB.510719.35	ribosomal protein L29, putative	0,4301	0,007242
TcCLB.511209.30	hypothetical protein, conserved (pseudogene)	0,43	0,0001088
TcCLB.506345.30	retrotransposon hot spot protein (RHS, pseudogene), putative	0,43	0,0001255
TcCLB.504505.10	retrotransposon hot spot protein (RHS, pseudogene), putative	0,4298	0,001932
TcCLB.511151.30	hypothetical protein, conserved	0,4297	0,04284
TcCLB.511003.190	hypothetical protein, conserved	0,4296	0,01105
TcCLB.505097.20	hypothetical protein, conserved (pseudogene)	0,4296	0,04109
TcCLB.509265.120	trans-sialidase, putative	0,4296	0,3301
TcCLB.508087.20	retrotransposon hot spot protein (RHS, pseudogene), putative	0,4295	0,0001541
TcCLB.508507.24	hypothetical protein, conserved	0,4295	0,007581
TcCLB.509791.189	flagellum targeting protein kharon1, putative (fragment) (l	0,429	0,000858
TcCLB.504153.250	Present in the outer mitochondrial membrane proteome 1:	0,429	0,006804
TcCLB.508823.140	ribosomal protein S20, putative	0,4287	6,742E-06
TcCLB.409625.10	trans-sialidase, putative (fragment)	0,4287	0,3263
TcCLB.506927.30	hypothetical protein, conserved (fragment)	0,4283	0,0144
TcCLB.509993.20	mucin TcMUCI, putative	0,4283	0,2433
TcCLB.466823.10	Checkpoint protein HUS1, putative	0,4281	0,05497
TcCLB.509081.20	mucin-associated surface protein (MASP), putative	0,4281	0,1687
TcCLB.506717.60	retrotransposon hot spot protein (RHS, pseudogene), putative	0,428	0,0009531
TcCLB.509715.60	hypothetical protein, conserved	0,428	0,02091
TcCLB.506435.250	hypothetical protein, conserved	0,428	0,03488
TcCLB.511585.280	retrotransposon hot spot protein (RHS, pseudogene), putative	0,4278	0,001392
TcCLB.506611.20	mucin TcMUCII, putative	0,4278	0,5782
TcCLB.508759.40	mucin-associated surface protein (MASP), putative	0,4277	0,2143
TcCLB.511811.30	hypothetical protein, conserved	0,4272	0,000934
TcCLB.507831.10	hypothetical protein	0,4272	0,1451
TcCLB.510101.440	hypothetical protein, conserved	0,427	0,007051
TcCLB.504147.180	hypothetical protein, conserved	0,427	0,02276
TcCLB.509205.110	elongation factor G2-like protein, putative	0,4269	0,3814
TcCLB.503797.20	centrin (pseudogene), putative	0,4268	0,05245
TcCLB.511875.110	trans-sialidase (pseudogene), putative	0,4268	0,06374
TcCLB.511173.100	mucin-associated surface protein (MASP), putative	0,4268	0,2252
TcCLB.508233.60	heat shock protein 100 (clp protein), putative	0,4267	0,1335
TcCLB.509167.60	hypothetical protein, conserved	0,4266	0,00001931
TcCLB.508355.140	hypothetical protein, conserved	0,4266	0,000629
TcCLB.507573.6	ATP-dependent DEAD/H RNA helicase (pseudogene), putative	0,4266	0,1546
TcCLB.506775.90	PIF1 helicase-like protein, putative	0,4262	4,111E-06
TcCLB.507491.10	hypothetical protein, conserved	0,4262	0,002934
TcCLB.507765.120	hypothetical protein, conserved	0,4261	0,00001371
TcCLB.511421.150	leucine-rich repeat-containing protein	0,426	0,00005787
TcCLB.506487.60	endosomal integral membrane protein, putative (fragment)	0,4259	0,1429
TcCLB.503439.80	glycine dehydrogenase [decarboxylating] (pseudogene), putative	0,4257	0,05338
TcCLB.509381.20	40S ribosomal protein S15A, putative	0,4256	1,392E-06
TcCLB.506529.590	hypothetical protein, conserved	0,4255	0,001409

TcCLB.503431.80	hypothetical protein, conserved	0,4255	0,003621
TcCLB.508071.80	trans-sialidase (pseudogene), putative	0,4255	0,004343
TcCLB.511081.60	mucin-associated surface protein (MASP), putative	0,4254	0,4733
TcCLB.454403.10	trans-sialidase (pseudogene), putative	0,4253	0,000878
TcCLB.507241.39	ABC transporter, putative	0,4251	0,0000616
TcCLB.509753.270	trans-sialidase (pseudogene), putative	0,4251	0,1719
TcCLB.506605.139	hypothetical protein, conserved	0,4248	0,0143
TcCLB.509683.70	dynein light chain Tctex-type, putative	0,4247	0,007169
TcCLB.504173.30	hypothetical protein, conserved	0,4247	0,1448
TcCLB.506127.9	phosphoglycerate kinase, putative	0,4247	0,1981
TcCLB.510165.54	hypothetical protein, conserved	0,4243	0,0192
TcCLB.503885.30	hypothetical protein, conserved (pseudogene)	0,4242	0,0179
TcCLB.506249.20	protein transport protein Sec23A, putative	0,4241	0,00001022
TcCLB.508719.60	kinetoplast DNA-associated protein, putative	0,4241	0,02691
TcCLB.506803.14	hypothetical protein	0,4239	0,05073
TcCLB.506991.19	hypothetical protein, conserved	0,4238	0,05022
TcCLB.511393.30	formin homology 2 (FH2) domain protein, putative	0,4237	1,431E-06
TcCLB.510759.70	hypothetical protein, conserved	0,4237	0,00001553
TcCLB.510091.60	hypothetical protein, conserved	0,4237	0,001047
TcCLB.506355.150	hypothetical protein, conserved	0,4237	0,01406
TcCLB.510397.5	GTP-binding protein, putative (fragment)	0,4235	0,003569
TcCLB.399685.10	trans-sialidase, putative (fragment)	0,4235	0,1703
TcCLB.503735.49	hypothetical protein, conserved	0,4234	0,06075
TcCLB.507163.11	mucin TcMUCII, putative (fragment)	0,4234	0,5485
TcCLB.488767.20	retrotransposon hot spot protein (RHS, pseudogene), putat	0,4233	0,02376
TcCLB.510631.11	retrotransposon hot spot protein (RHS, pseudogene), putat	0,4231	0,001808
TcCLB.506213.20	hypothetical protein, conserved	0,4231	0,03621
TcCLB.507641.100	hypothetical protein, conserved	0,423	0,0002038
TcCLB.504009.70	succinate dehydrogenase cytochrome B subunit	0,4229	0,001158
TcCLB.510289.10	hypothetical protein, conserved	0,4229	0,03479
TcCLB.510519.60	calcineurin B subunit, putative (CNB)	0,4228	0,01578
TcCLB.503667.39	dispersed gene family protein 1 (DGF-1), putative (fragme	0,4228	0,1157
TcCLB.504073.10	endonuclease/exonuclease/phosphatase, putative	0,4227	0,0008056
TcCLB.508839.20	hypothetical protein, conserved	0,4227	0,002813
TcCLB.509885.30	SPFH domain / Band 7 family protein, putative	0,4227	0,00317
TcCLB.506599.70	mucin TcMUCII, putative	0,4227	0,5407
TcCLB.510733.20	hypothetical protein, conserved	0,4224	0,0008924
TcCLB.510583.180	mucin-associated surface protein (MASP, pseudogene), pu	0,4224	0,4351
TcCLB.504069.50	peroxin 14, putative	0,4223	0,00005249
TcCLB.503745.30	ascorbate peroxidase (APX)	0,4222	0,00912
TcCLB.508071.50	surface protease GP63, putative	0,4221	0,5829
TcCLB.508501.220	hypothetical protein, conserved	0,422	0,001419
TcCLB.506451.35	hypothetical protein	0,422	0,2445
TcCLB.508689.30	hypothetical protein, conserved	0,4218	0,001607
TcCLB.506613.60	mucin TcMUCII (pseudogene), putative	0,4218	0,3736



TcCLB.507093.100	hypothetical protein, conserved	0,4216	0,0007489
TcCLB.508453.10	mucin-associated surface protein (MASP), putative	0,4216	0,1386
TcCLB.511747.14	hypothetical protein, conserved	0,4215	0,03784
TcCLB.509685.40	trans-sialidase, Group V, putative	0,4215	0,06295
TcCLB.506773.130	pumilio-repeat, RNA-binding protein, putative	0,4213	2,521E-06
TcCLB.509905.150	trans-sialidase, Group II, putative	0,4211	0,00001806
TcCLB.510283.120	hypothetical protein, conserved	0,4211	0,001833
TcCLB.507049.170	Axonemal inner arm dynein light chain, putative	0,4211	0,002641
TcCLB.508633.120	trans-sialidase (pseudogene), putative	0,4209	0,1147
TcCLB.508853.30	hypothetical protein	0,4209	0,2707
TcCLB.508209.130	hypothetical protein, conserved	0,4208	0,000546
TcCLB.458759.14	hypothetical protein, conserved	0,4207	0,000634
TcCLB.503999.60	phosphoprotein phosphatase, putative	0,4205	0,0003933
TcCLB.511655.10	hypothetical protein, conserved	0,4205	0,0545
TcCLB.510033.30	trans-sialidase, Group V, putative	0,4201	0,1393
TcCLB.506279.30	mucin TcMUCII, putative	0,4201	0,3159
TcCLB.511239.30	hypothetical protein, conserved	0,4197	0,01424
TcCLB.509055.54	hypothetical protein, conserved	0,4197	0,1057
TcCLB.507091.10	hypothetical protein, conserved	0,4195	0,3568
TcCLB.504057.50	hypothetical protein, conserved	0,4194	0,0005376
TcCLB.510361.260	mucin-associated surface protein (MASP), putative	0,4194	0,5194
TcCLB.509453.40	RNA polymerase subunit RPB10, putative (RPB10)	0,4193	0,05546
TcCLB.509103.30	hypothetical protein, conserved	0,4192	0,1189
TcCLB.508919.150	retrotransposon hot spot protein (RHS, pseudogene), putat	0,4191	0,08196
TcCLB.510009.19	hypothetical protein, conserved (fragment)	0,4191	0,1645
TcCLB.508365.140	hypothetical protein	0,419	0,3274
TcCLB.507023.150	hypothetical protein	0,4187	0,002942
TcCLB.506615.150	trans-sialidase, Group V, putative	0,4186	0,009331
TcCLB.506321.270	hypothetical protein, conserved	0,4185	0,018
TcCLB.509419.20	mucin-associated surface protein (MASP), putative	0,4185	0,6622
TcCLB.507539.10	hypothetical protein, conserved	0,4184	0,09842
TcCLB.506965.140	mucin-associated surface protein (MASP), putative	0,4184	0,2088
TcCLB.504239.365	surface protease GP63 (pseudogene), putative	0,4183	0,6145
TcCLB.510981.20	trans-sialidase, putative	0,4181	0,02895
TcCLB.508173.84	hypothetical protein, conserved	0,418	0,0004194
TcCLB.506797.60	hypothetical protein, conserved	0,4177	0,004133
TcCLB.511151.100	Unconventional myosin	0,4175	0,00003526
TcCLB.511259.170	trans-sialidase (pseudogene), putative	0,4175	0,2285
TcCLB.511077.150	hypothetical protein	0,4174	0,5874
TcCLB.509525.360	mucin-associated surface protein (MASP, pseudogene), pu	0,4173	0,4182
TcCLB.507053.90	conserved protein, unknown function	0,417	0,002012
TcCLB.509079.20	mucin-associated surface protein (MASP), putative	0,417	0,4691
TcCLB.506697.70	hypothetical protein, conserved	0,4169	0,003462
TcCLB.510121.50	calmodulin, putative	0,4169	0,07184
TcCLB.511553.120	surface protease GP63, putative	0,4169	0,298

TcCLB.509509.20	C-1-tetrahydrofolate synthase, cytoplasmic, putative	0,4168	0,01052
TcCLB.510565.70	protein kinase, putative	0,4165	8,179E-06
TcCLB.510877.55	acyl-CoA binding protein, putative	0,4164	0,002401
TcCLB.504029.70	hypothetical protein, conserved	0,4163	0,005034
TcCLB.507937.20	mucin-associated surface protein (MASP, pseudogene), pu	0,4159	0,4057
TcCLB.510041.20	zinc carboxypeptidase, putative	0,4157	0,1292
TcCLB.506939.40	mucin TcMUCII, putative	0,4157	0,4595
TcCLB.509743.40	trans-sialidase, putative	0,4157	0,4913
TcCLB.509899.10	trans-sialidase (pseudogene), putative	0,4156	0,0203
TcCLB.508475.10	ribosomal protein S20, putative	0,4155	0,0002927
TcCLB.506653.40	trans-sialidase (pseudogene), putative	0,4155	0,02423
TcCLB.509127.30	hypothetical protein, conserved	0,4155	0,1047
TcCLB.510901.200	differentiation inhibitory kinase, putative (ZFK)	0,4154	0,00005749
TcCLB.503587.10	mucin-associated surface protein (MASP), putative	0,4154	0,6507
TcCLB.511389.10	hypothetical protein, conserved	0,4153	0,001861
TcCLB.507927.4	rac serine-threonine kinase, putative	0,4152	0,03178
TcCLB.505533.10	dispersed gene family protein 1 (DGF-1, pseudogene), puta	0,4152	0,307
TcCLB.508387.120	glutaminy cyclase, putative	0,4151	0,00002496
TcCLB.508679.7	hypothetical protein, conserved (pseudogene)	0,4151	0,3331
TcCLB.453767.50	mucin-associated surface protein (MASP), putative	0,4151	0,4777
TcCLB.508737.110	hypothetical protein, conserved	0,415	0,0006011
TcCLB.509237.140	calpain-like cysteine peptidase, putative	0,415	0,008329
TcCLB.508347.24	hypothetical protein, conserved	0,415	0,03224
TcCLB.509303.10	retrotransposon hot spot protein (RHS, pseudogene), putat	0,4148	0,07469
TcCLB.511257.80	hypothetical protein	0,4147	0,129
TcCLB.511257.60	surface protease GP63, putative	0,4144	0,02482
TcCLB.510989.10	fatty acid elongase, putative	0,4143	0,01103
TcCLB.507295.30	mucin TcMUCII, putative	0,4141	0,1429
TcCLB.509723.10	protein kinase, putative	0,4141	0,1962
TcCLB.508633.30	mucin-associated surface protein (MASP, pseudogene), pu	0,414	0,4204
TcCLB.506885.10	alpha-1,2-mannosyltransferase, putative	0,4139	0,0008251
TcCLB.511903.270	hypothetical protein, conserved	0,4138	0,09744
TcCLB.510275.250	mucin-associated surface protein (MASP), putative	0,4138	0,1458
TcCLB.506303.80	hypothetical protein, conserved	0,4137	1,142E-06
TcCLB.503959.10	hypothetical protein, conserved	0,4135	0,0003576
TcCLB.510587.10	hypothetical protein	0,4135	0,6715
TcCLB.510355.150	retrotransposon hot spot protein (RHS, pseudogene), putat	0,4134	0,002919
TcCLB.511807.210	hypothetical protein, conserved (pseudogene)	0,4133	0,0000402
TcCLB.509837.10	hypothetical protein, conserved	0,4133	0,0002357
TcCLB.511445.40	hypothetical protein, conserved	0,4132	0,002143
TcCLB.504285.10	retrotransposon hot spot protein (RHS, pseudogene), putat	0,4131	0,05069
TcCLB.508727.18	centrin, putative	0,4129	0,01784
TcCLB.509099.170	hypothetical protein, conserved	0,4128	0,08313
TcCLB.508233.4	protein transport protein Sec23A, putative (fragment)	0,4127	0,001766
TcCLB.509967.70	katanin, putative	0,4127	0,2007

TcCLB.510907.10	trans-sialidase, Group VIII, putative	0,4127	0,3699
TcCLB.508355.290	hypothetical protein, conserved	0,4125	0,003285
TcCLB.506553.10	hypothetical protein, conserved	0,4123	0,0655
TcCLB.511657.10	protein kinase, putative	0,4123	0,1149
TcCLB.503431.60	acid phosphatase, putative (AP)	0,4122	0,002907
TcCLB.504239.140	mucin-associated surface protein (MASP, pseudogene), pu	0,4122	0,278
TcCLB.508805.30	choline/ethanolamine kinase (pseudogene), putative	0,412	0,006566
TcCLB.507803.10	mucin-associated surface protein (MASP), putative	0,412	0,3064
TcCLB.508301.20	metallo-peptidase, Clan ME, Family M16	0,4118	0,0004882
TcCLB.510693.60	retrotransposon hot spot protein (RHS, pseudogene), putat	0,4118	0,4326
TcCLB.508741.200	hypothetical protein, conserved	0,4117	6,348E-06
TcCLB.508787.20	hypothetical protein	0,4117	0,0003514
TcCLB.508535.20	nuclear transmembrane protein, putative (NP)	0,4117	0,0008922
TcCLB.503507.35	mucin-associated surface protein (MASP, pseudogene), pu	0,4112	0,2
TcCLB.510873.10	NAD(P)-dependent steroid dehydrogenase protein, putative	0,4111	1,031E-06
TcCLB.506799.100	mucin-like glycoprotein, putative	0,4107	0,2679
TcCLB.506831.30	hypothetical protein, conserved	0,4105	0,02547
TcCLB.506755.80	hypothetical protein	0,4102	0,009765
TcCLB.511641.5	fucose kinase, putative	0,4099	0,1882
TcCLB.506499.80	mucin-associated surface protein (MASP), putative	0,4099	0,5866
TcCLB.510121.70	hypothetical protein, conserved	0,4098	0,0001345
TcCLB.511249.110	kinesin K39 (pseudogene), putative	0,4096	0,0002408
TcCLB.510307.220	retrotransposon hot spot (RHS) protein, putative	0,4095	0,007433
TcCLB.506627.80	hypothetical protein, conserved	0,4094	0,0004566
TcCLB.507641.70	hypothetical protein, conserved	0,4094	0,002117
TcCLB.511255.210	mucin TcMUCII, putative	0,4094	0,6445
TcCLB.504231.20	hypothetical protein, conserved	0,4093	0,0000278
TcCLB.509539.10	trans-sialidase (pseudogene), putative	0,4093	0,05689
TcCLB.507035.110	cAMP response protein 1, putative (CARP1)	0,4092	0,004329
TcCLB.506337.4	short-chain dehydrogenase, putative (fragment)	0,4092	0,03983
TcCLB.506925.10	hypothetical protein	0,4092	0,1227
TcCLB.505071.70	hypothetical protein, conserved	0,409	0,0312
TcCLB.508139.80	trans-sialidase (pseudogene), putative	0,4088	0,02894
TcCLB.508541.40	surface protease GP63 (pseudogene), putative	0,4088	0,3771
TcCLB.510275.272	hypothetical protein	0,4088	0,4277
TcCLB.509897.30	mucin-associated surface protein (MASP, pseudogene), pu	0,4087	0,3761
TcCLB.506025.50	Vacuolar proton pump subunit B, putative	0,4086	0,00001054
TcCLB.510661.80	hypothetical protein	0,4086	0,00008433
TcCLB.506131.20	mucin TcMUCII, putative	0,4084	0,5454
TcCLB.504479.20	retrotransposon hot spot protein (RHS, pseudogene), putat	0,4083	0,07262
TcCLB.506329.20	mucin TcMUCII, putative	0,4082	0,5119
TcCLB.508175.309	60S ribosomal protein L19, putative	0,4079	2,586E-06
TcCLB.507851.30	hypothetical protein, conserved	0,4079	0,00003643
TcCLB.511369.10	elongation factor 1-alpha, putative	0,4079	0,1369
TcCLB.506955.14	mucin-associated surface protein (MASP, pseudogene), pu	0,4079	0,3106

TcCLB.508143.80	mucin-associated surface protein (MASP), putative	0,4079	0,3801
TcCLB.509921.9	dispersed gene family protein 1 (DGF-1), putative	0,4078	0,3405
TcCLB.506209.60	retrotransposon hot spot protein (RHS, pseudogene), putat	0,4075	0,007019
TcCLB.509551.90	hypothetical protein, conserved	0,4074	0,00713
TcCLB.506885.360	hypothetical protein, conserved	0,4072	0,001984
TcCLB.505071.140	protein kinase, putative	0,4071	0,001373
TcCLB.507485.140	tuzin	0,4071	0,001446
TcCLB.503809.100	GUP1, putative	0,407	0,0003849
TcCLB.503647.9	hypothetical protein, conserved	0,407	0,0006531
TcCLB.503981.70	hypothetical protein, conserved	0,4069	0,002656
TcCLB.508839.50	hypothetical protein, conserved	0,4068	0,0001939
TcCLB.508273.70	hypothetical protein, conserved	0,4067	0,02741
TcCLB.509785.40	retrotransposon hot spot protein (RHS, pseudogene), putat	0,4066	0,06089
TcCLB.510101.20	phosphatidylinositol-4-phosphate 5-kinase, putative	0,4063	0,004793
TcCLB.507071.70	mucin-associated surface protein (MASP, pseudogene), pu	0,4063	0,3252
TcCLB.506599.189	mucin TcMUCII, putative	0,4063	0,3323
TcCLB.508389.10	hypothetical protein, conserved	0,4058	0,0001797
TcCLB.508659.30	hypothetical protein, conserved	0,4053	0,001112
TcCLB.503525.30	hypothetical protein, conserved	0,4052	0,0008972
TcCLB.511849.30	mucin-associated surface protein (MASP), putative	0,4052	0,2834
TcCLB.511661.30	hypothetical protein, conserved	0,4051	7,117E-08
TcCLB.506435.260	hypothetical protein	0,4051	0,005071
TcCLB.510275.400	mucin-associated surface protein (MASP), putative	0,405	0,3503
TcCLB.509599.50	hypothetical protein, conserved	0,4049	0,001431
TcCLB.510003.9	hypothetical protein, conserved	0,4049	0,003726
TcCLB.507067.70	hypothetical protein	0,4048	0,5556
TcCLB.510509.20	hypothetical protein, conserved	0,4047	0,003128
TcCLB.511281.30	RNA-binding protein 27, putative (RBP27)	0,4046	0,005398
TcCLB.507649.10	hypothetical protein, conserved	0,4046	0,01299
TcCLB.504015.11	mucin-associated surface protein (MASP), putative (fragm	0,4046	0,4615
TcCLB.508647.90	hypothetical protein, conserved	0,4045	0,007944
TcCLB.511103.9	dispersed gene family protein 1 (DGF-1), putative (fragme	0,4044	0,5305
TcCLB.507837.100	hypothetical protein, conserved	0,4043	0,0001278
TcCLB.509265.90	trans-sialidase, Group II, putative	0,4041	0,03124
TcCLB.510303.10	surface protease GP63, putative	0,4041	0,1374
TcCLB.508099.30	hypothetical protein	0,4037	0,4827
TcCLB.511585.10	hypothetical protein, conserved	0,4035	0,0005757
TcCLB.508927.20	glycosomal transporter (GAT1), putative (GAT1)	0,4035	0,003571
TcCLB.506605.59	adenosine 5'-monophosphoramidase, putative	0,4035	0,01966
TcCLB.503897.150	hypothetical protein, conserved	0,4034	0,007289
TcCLB.511469.80	hypothetical protein, conserved	0,4031	0,004943
TcCLB.508229.60	trans-sialidase, Group VII, putative	0,403	0,6261
TcCLB.511369.20	elongation factor 1-alpha, putative	0,4029	0,076
TcCLB.510007.50	hypothetical protein, conserved	0,4027	0,0007397
TcCLB.508989.70	hypothetical protein, conserved	0,4025	0,001517

TcCLB.511773.60	glycine dehydrogenase [decarboxylating] (pseudogene), pu	0,4023	0,0001115
TcCLB.508645.30	dynein light chain, putative	0,4019	0,00302
TcCLB.511217.70	hypothetical protein, conserved	0,4018	0,0001414
TcCLB.506559.59	ubiquitin, putative	0,4017	0,01081
TcCLB.509959.160	hypothetical protein, conserved (pseudogene)	0,4017	0,04896
TcCLB.503593.30	hypothetical protein, conserved	0,4016	0,0005257
TcCLB.510431.10	isopentenyl-diphosphate delta-isomerase (fragment) (idi1	0,4016	0,004617
TcCLB.507795.40	hypothetical protein, conserved	0,4016	0,1917
TcCLB.511003.80	hypothetical protein, conserved	0,4015	0,0008025
TcCLB.506733.80	hypothetical protein, conserved	0,4015	0,008589
TcCLB.507801.80	hypothetical protein, conserved	0,4014	0,0552
TcCLB.504797.70	DNA excision/repair protein SNF2, putative	0,4013	6,315E-06
TcCLB.507027.70	hypothetical protein, conserved	0,4013	0,002534
TcCLB.508851.59	ATP synthase, putative	0,4011	0,00438
TcCLB.510759.120	rieske iron-sulfur protein, mitochondrial precursor, putative	0,4007	7,489E-06
TcCLB.511865.40	hypothetical protein, conserved	0,4006	0,001332
TcCLB.508173.80	hypothetical protein, conserved	0,4003	0,0001149
TcCLB.509957.30	retrotransposon hot spot protein (RHS, pseudogene), putat	0,4001	0,1258
TcCLB.511825.69	cyclophilin, putative	0,3998	0,0314
TcCLB.506567.60	ABC transporter, putative	0,3996	0,0004757
TcCLB.509237.80	hypothetical protein, conserved	0,3995	0,0001721
TcCLB.463155.10	retrotransposon hot spot protein (RHS, pseudogene), putat	0,3993	0,01955
TcCLB.511821.50	hypothetical protein, conserved	0,3989	0,02231
TcCLB.504639.40	trans-sialidase, putative	0,3984	0,2554
TcCLB.510209.9	trans-sialidase, putative	0,3983	0,5447
TcCLB.448329.10	trans-sialidase, putative	0,3982	0,5621
TcCLB.506205.40	protein kinase, putative	0,3981	0,007472
TcCLB.506919.40	retrotransposon hot spot protein (RHS, pseudogene), putat	0,3981	0,3347
TcCLB.506865.50	Present in the outer mitochondrial membrane proteome 4l	0,398	0,02894
TcCLB.508573.90	retrotransposon hot spot protein (RHS, pseudogene), putat	0,398	0,09336
TcCLB.508165.310	surface protease GP63, putative	0,3975	0,2161
TcCLB.506553.30	GTP-binding protein, putative	0,3974	0,001686
TcCLB.508695.30	hypothetical protein (fragment)	0,3974	0,02831
TcCLB.504741.230	hypothetical protein, conserved	0,3967	0,0009313
TcCLB.511691.30	ubiquitin activating enzyme, putative	0,3966	0,01766
TcCLB.511643.50	mucin-associated surface protein (MASP, pseudogene), pu	0,3965	0,3424
TcCLB.510713.50	beta galactofuranosyl glycosyltransferase (pseudogene), pi	0,3964	0,3042
TcCLB.507855.9	dispersed gene family protein 1 (DGF-1), putative (fragme	0,3962	0,1769
TcCLB.511471.150	hypothetical protein, conserved (pseudogene)	0,3962	0,1838
TcCLB.511755.100	hypothetical protein, conserved	0,3962	0,1965
TcCLB.506237.10	mismatch repair protein MSH5, putative	0,3961	0,01448
TcCLB.509979.174	mucin-associated surface protein (MASP), putative	0,3961	0,1639
TcCLB.509013.19	calpain-like cysteine peptidase, putative (fragment)	0,3961	0,1786
TcCLB.508437.5	mucin-like glycoprotein (pseudogene), putative	0,396	0,4763
TcCLB.506727.4	hypothetical protein, conserved	0,3959	0,1867

TcCLB.455171.9	trans-sialidase, putative	0,3959	0,2672
TcCLB.507227.9	hypothetical protein, conserved (fragment)	0,3956	0,002107
TcCLB.505807.150	Leucine-rich repeat, ribonuclease inhibitor subtype domain	0,3954	0,006445
TcCLB.507529.50	hypothetical protein, conserved	0,3953	4,809E-07
TcCLB.510489.20	mucin-associated surface protein (MASP), putative	0,3953	0,3281
TcCLB.506163.40	vacuolar type h ATPase subunit, putative	0,3953	0,3842
TcCLB.503665.15	trans-sialidase (pseudogene), putative	0,3952	0,04264
TcCLB.510431.290	hypothetical protein	0,3952	0,1304
TcCLB.506799.20	mucin-like glycoprotein, putative	0,3952	0,2961
TcCLB.506925.380	hypothetical protein	0,395	0,007155
TcCLB.503757.20	hypothetical protein, conserved	0,395	0,01872
TcCLB.506425.80	phosphatidylinositol kinase, putative	0,3949	0,002332
TcCLB.509999.60	lipase domain protein, putative	0,3947	9,476E-06
TcCLB.504769.80	hypothetical protein, conserved	0,3946	0,0001169
TcCLB.509665.40	hypothetical protein	0,3945	0,514
TcCLB.509671.130	trypanin-like protein (pseudogene), putative	0,3944	0,005425
TcCLB.510951.19	hypothetical protein, conserved	0,3944	0,06281
TcCLB.506435.150	hypothetical protein, conserved	0,3942	0,0009414
TcCLB.508931.30	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, pu	0,3939	0,09155
TcCLB.511809.80	hypothetical protein, conserved	0,3937	0,00001218
TcCLB.510425.10	hypothetical protein, conserved	0,3937	0,04544
TcCLB.508001.90	hypothetical protein, conserved (pseudogene)	0,3934	0,2247
TcCLB.503911.10	hypothetical protein	0,3934	0,3498
TcCLB.412723.9	dispersed gene family protein 1 (DGF-1), putative (fragme	0,3933	0,2356
TcCLB.504105.160	splicing factor ptrs1 interacting protein, putative	0,3931	0,0001745
TcCLB.507603.200	proteasome regulatory ATPase subunit 3, putative	0,3929	0,0003976
TcCLB.504143.20	hypothetical protein, conserved	0,3922	0,01047
TcCLB.511887.40	hypothetical protein, conserved	0,3922	0,2105
TcCLB.510243.80	hypothetical protein, conserved	0,3921	0,006875
TcCLB.504137.90	hypothetical protein, conserved	0,3916	0,002297
TcCLB.506155.60	aldehyde dehydrogenase, putative	0,3915	0,0005419
TcCLB.509229.10	hypothetical protein, conserved	0,3915	0,003479
TcCLB.509977.15	surface protease GP63 (pseudogene), putative	0,3915	0,2877
TcCLB.509349.30	hypothetical protein	0,3914	0,2297
TcCLB.507071.340	hypothetical protein	0,3914	0,2961
TcCLB.508081.80	hypothetical protein	0,3914	0,5717
TcCLB.511277.180	hypothetical protein, conserved	0,3913	0,0001319
TcCLB.506329.59	mucin-associated surface protein (MASP, pseudogene), pu	0,3913	0,2674
TcCLB.509599.40	hypothetical protein, conserved	0,3908	0,03521
TcCLB.511561.11	hypothetical protein, conserved (pseudogene)	0,3908	0,04268
TcCLB.508269.20	hypothetical protein, conserved	0,3908	0,05164
TcCLB.511817.110	hypothetical protein, conserved	0,3907	0,002489
TcCLB.509591.60	phospholipid-transporting ATPase 1-like protein, putative	0,3905	0,5357
TcCLB.503487.70	hypothetical protein, conserved	0,3904	0,0002725
TcCLB.507641.239	hypothetical protein, conserved	0,3903	0,001726

TcCLB.510303.20	surface protease GP63, putative	0,39	0,2278
TcCLB.510741.190	hypothetical protein, conserved (pseudogene)	0,3899	0,006525
TcCLB.508001.106	serine/threonine protein kinase (pseudogene), putative	0,3898	0,3395
TcCLB.510303.230	hypothetical protein, conserved	0,3897	0,0007284
TcCLB.504787.47	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	0,3896	0,546
TcCLB.510759.134	chaperone DNAJ protein, putative	0,3895	0,003458
TcCLB.511867.20	hypothetical protein, conserved	0,3895	0,03428
TcCLB.508883.48	trans-sialidase, putative	0,3894	0,1878
TcCLB.510335.30	hypothetical protein, conserved (pseudogene)	0,3893	0,00001914
TcCLB.504089.50	flagellar radial spoke component, putative	0,3893	0,0004198
TcCLB.507669.14	hypothetical protein, conserved	0,3893	0,004927
TcCLB.510429.30	hypothetical protein, conserved	0,3893	0,01092
TcCLB.509967.180	hypothetical protein, conserved	0,3892	0,008852
TcCLB.510373.119	mucin-associated surface protein (MASP), putative	0,3891	0,4736
TcCLB.506617.20	surface protein TolT (TolT)	0,3889	0,0149
TcCLB.509699.60	mucin-associated surface protein (MASP, pseudogene), pu	0,3887	0,1207
TcCLB.425597.10	trans-sialidase (pseudogene), putative	0,3887	0,3781
TcCLB.508247.149	dispersed gene family protein 1 (DGF-1), putative	0,3886	0,5326
TcCLB.506823.65	trans-sialidase (pseudogene), putative	0,3884	0,2031
TcCLB.510241.130	tyrosine phosphatase-like protein (pseudogene), putative	0,3881	0,007931
TcCLB.506147.220	hypothetical protein, conserved	0,3879	0,00145
TcCLB.510583.34	mucin-associated surface protein (MASP, pseudogene), pu	0,3879	0,3574
TcCLB.510267.10	hypothetical protein, conserved	0,3878	0,002108
TcCLB.503987.4	Ras-related protein RAB2B, putative (fragment) (RAB2B)	0,3877	0,04474
TcCLB.503687.58	AMP deaminase, putative	0,3876	0,09171
TcCLB.507055.10	hypothetical protein, conserved	0,3875	0,1525
TcCLB.506789.310	hypothetical protein, conserved	0,387	0,005613
TcCLB.509561.9	hypothetical protein, conserved	0,3869	0,02397
TcCLB.511707.10	hypothetical protein	0,3869	0,05744
TcCLB.401041.10	retrotransposon hot spot protein (RHS, pseudogene), putat	0,3868	0,001761
TcCLB.507411.10	trans-sialidase, Group V, putative	0,3868	0,08844
TcCLB.511065.36	hypothetical protein, conserved	0,3867	0,0005762
TcCLB.508939.10	trans-sialidase (pseudogene), putative	0,3867	0,128
TcCLB.506529.190	hypothetical protein, conserved	0,3863	0,01295
TcCLB.509747.70	actin-like protein, putative	0,3863	0,01437
TcCLB.508325.150	glycine dehydrogenase (pseudogene), putative	0,3861	0,0001431
TcCLB.508179.30	hypothetical protein, conserved	0,3861	0,004285
TcCLB.511127.70	hypothetical protein, conserved	0,3859	0,003654
TcCLB.509127.97	hypothetical protein, conserved	0,3859	0,02066
TcCLB.506459.40	dispersed gene family protein 1 (DGF-1, pseudogene), putat	0,3858	0,4714
TcCLB.506559.330	clathrin coat assembly protein AP17, putative	0,3857	0,02976
TcCLB.506351.50	hypothetical protein	0,3855	0,01851
TcCLB.510901.40	hypothetical protein, conserved	0,3855	0,03046
TcCLB.487739.20	choline/ethanolamine kinase (pseudogene), putative	0,3849	0,07063
TcCLB.510997.20	hypothetical protein, conserved	0,3848	0,02898

TcCLB.503511.10	hypothetical protein, conserved	0,3846	0,006571
TcCLB.511765.40	retrotransposon hot spot protein (RHS, pseudogene), putat	0,3846	0,02199
TcCLB.510421.90	protein kinase, putative	0,3845	0,005576
TcCLB.509081.10	elongation factor 1-gamma (EF-1-gamma), putative	0,3845	0,1015
TcCLB.510191.70	mucin-associated surface protein (MASP), putative	0,3841	0,4644
TcCLB.509221.10	retrotransposon hot spot protein (RHS, pseudogene), putat	0,3839	0,002489
TcCLB.510079.40	dispersed gene family protein 1 (DGF-1, pseudogene), putat	0,3837	0,3056
TcCLB.503755.20	hypothetical protein	0,3836	0,002777
TcCLB.510657.80	hypothetical protein, conserved	0,3835	0,00171
TcCLB.511185.10	hypothetical protein	0,3835	0,03718
TcCLB.481211.20	hypothetical protein	0,3835	0,143
TcCLB.510197.180	trans-sialidase, Group VI, putative	0,3831	0,2474
TcCLB.510759.160	metacaspase 5, putative	0,3829	0,0009335
TcCLB.506323.40	trans-sialidase (pseudogene), putative	0,3829	0,03666
TcCLB.506067.140	mucin-associated surface protein (MASP), putative	0,3827	0,4851
TcCLB.509525.150	mucin TcMUCII, putative	0,3827	0,4995
TcCLB.511245.160	fatty acid elongase, putative	0,3825	0,2019
TcCLB.507071.60	mucin TcMUCII, putative	0,3824	0,605
TcCLB.508915.9	hypothetical protein, conserved	0,3823	0,02456
TcCLB.508735.30	mucin-associated surface protein (MASP), putative	0,3823	0,04896
TcCLB.506999.40	metacaspase 5, putative	0,3822	0,000696
TcCLB.506201.170	flagellar attachment zone protein, putative (FAZ1)	0,3821	0,00002085
TcCLB.415331.10	trans-sialidase (pseudogene), putative	0,382	0,01042
TcCLB.505267.100	retrotransposon hot spot protein (RHS, pseudogene), putat	0,3819	0,006411
TcCLB.503787.20	mucin TcMUCII, putative	0,3819	0,4342
TcCLB.511653.30	hypothetical protein, conserved	0,3813	0,002368
TcCLB.504933.20	hypothetical protein	0,3812	0,001601
TcCLB.507849.40	hypothetical protein, conserved	0,3811	0,0000844
TcCLB.508153.310	protein kinase, putative	0,3809	0,006281
TcCLB.402863.9	dynein heavy chain, putative (fragment)	0,3808	0,0001031
TcCLB.508909.214	hypothetical protein, conserved	0,3808	0,00141
TcCLB.506139.160	mucin-associated surface protein (MASP), putative	0,3808	0,3935
TcCLB.511287.124	peroxin 13, putative (PEX13)	0,3807	0,007602
TcCLB.511083.30	mucin-associated surface protein (MASP), putative	0,3806	0,5587
TcCLB.511391.200	pitrilysin-like metalloprotease, putative	0,3805	1,376E-07
TcCLB.509217.143	ATP-dependent DEAD/H RNA helicase (pseudogene), putat	0,3805	0,4026
TcCLB.511061.20	mucin-associated surface protein (MASP, pseudogene), pu	0,3804	0,5995
TcCLB.507313.20	trans-sialidase, Group VIII, putative	0,3803	0,2725
TcCLB.511277.150	hypothetical protein	0,3799	0,00009823
TcCLB.506227.110	hypothetical protein, conserved	0,3798	0,0201
TcCLB.508871.51	serine-alanine-and proline-rich protein (pseudogene), puta	0,3797	0,1819
TcCLB.511851.20	retrotransposon hot spot protein (RHS, pseudogene), putat	0,3794	0,1462
TcCLB.511239.80	hypothetical protein, conserved	0,3793	0,0141
TcCLB.503929.30	hypothetical protein, conserved	0,3792	0,0004252
TcCLB.506343.51	retrotransposon hot spot protein (RHS, pseudogene), putat	0,3791	0,2219



TcCLB.504741.240	hypothetical protein, conserved	0,379	0,02913
TcCLB.507625.120	hypothetical protein, conserved	0,379	0,05181
TcCLB.506735.50	hypothetical protein, conserved	0,3788	0,0003707
TcCLB.508589.30	retrotransposon hot spot (RHS) protein, putative	0,3788	0,002101
TcCLB.511351.41	choline/carnitine O-acyltransferase, putative	0,3788	0,1849
TcCLB.509643.120	hypothetical protein, conserved	0,3786	0,005467
TcCLB.506737.114	mucin TcMUCI, putative	0,3786	0,2851
TcCLB.510623.20	mucin-associated surface protein (MASP), putative	0,3785	0,4415
TcCLB.508021.10	trans-sialidase, putative	0,3785	0,7912
TcCLB.511079.40	surface protease GP63 (pseudogene), putative	0,3784	0,6456
TcCLB.510985.10	trans-sialidase, putative (fragment)	0,3784	0,6909
TcCLB.511727.150	hypothetical protein, conserved	0,3783	0,0001513
TcCLB.511807.290	hypothetical protein, conserved	0,3783	0,0003139
TcCLB.508541.140	surface protease GP63 (pseudogene), putative	0,3779	0,2499
TcCLB.504239.195	mucin-associated surface protein (MASP, pseudogene), pu	0,3779	0,5119
TcCLB.506985.50	hypothetical protein, conserved	0,3778	0,07159
TcCLB.506933.10	hypothetical protein, conserved	0,3777	0,01541
TcCLB.511023.10	pyrroline-5-carboxylate synthetase-like protein, putative	0,3776	0,001074
TcCLB.506605.229	SNF2 DNA repair protein, putative	0,3775	0,0006754
TcCLB.510007.10	hypothetical protein, conserved	0,3774	0,09618
TcCLB.506537.120	hypothetical protein, conserved	0,3774	0,2551
TcCLB.510483.270	hypothetical protein	0,3774	0,519
TcCLB.505945.50	ATP-dependent chaperone, putative	0,3773	0,002562
TcCLB.506945.280	hypothetical protein, conserved	0,3769	8,691E-06
TcCLB.510091.7	diacylglycerol acyltransferase, putative (fragment)	0,3769	0,03523
TcCLB.507671.30	25 kDa translation elongation factor 1-beta (EF-1-beta)	0,3767	0,00002867
TcCLB.510359.300	hypothetical protein, conserved	0,3766	0,0005775
TcCLB.510425.28	hypothetical protein, conserved	0,3762	0,2597
TcCLB.508999.110	hypothetical protein	0,3762	0,697
TcCLB.507601.110	prolyl oligopeptidase (pseudogene), putative	0,3761	0,002089
TcCLB.508723.24	hypothetical protein, conserved	0,3761	0,004246
TcCLB.510835.24	mitochondrial carrier protein, putative	0,376	0,02122
TcCLB.510741.124	hypothetical protein, conserved	0,376	0,02422
TcCLB.507819.20	retrotransposon hot spot protein (RHS, pseudogene), putat	0,3757	0,02796
TcCLB.508723.100	rab-like GTPase activating protein, putative	0,3756	0,005243
TcCLB.509527.130	hypothetical protein	0,3756	0,4343
TcCLB.503939.114	hypothetical protein, conserved	0,3755	0,02293
TcCLB.506779.170	haloacid dehalogenase hydrolase, putative	0,3752	0,008844
TcCLB.504189.5	trans-sialidase, putative (fragment)	0,3751	0,6213
TcCLB.510887.30	hypothetical protein, conserved	0,3748	0,02473
TcCLB.508419.30	tryptophanyl-tRNA synthetase (pseudogene), putative	0,3747	0,04556
TcCLB.510657.10	Flagellar Member 5 (fragment) (FLAM5)	0,3746	0,01169
TcCLB.508313.90	mucin TcMUCII, putative	0,3744	0,199
TcCLB.506459.290	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	0,3742	0,00002357
TcCLB.503861.110	retrotransposon hot spot protein (RHS, pseudogene), putat	0,3741	0,01811

TcCLB.509249.20	trans-sialidase (pseudogene), putative	0,3741	0,1285
TcCLB.506629.230	retrotransposon hot spot protein (RHS, pseudogene), putative	0,374	0,001685
TcCLB.511277.175	ribosomal protein S27, putative	0,3738	0,0002302
TcCLB.506925.14	hypothetical protein, conserved	0,3737	0,00008052
TcCLB.510053.30	hypothetical protein, conserved	0,3737	0,005319
TcCLB.511813.30	proteasome regulatory ATPase subunit 5, putative	0,3737	0,01419
TcCLB.511301.50	hypothetical protein, conserved	0,3735	0,0004327
TcCLB.510125.20	trans-sialidase, Group VIII, putative	0,3735	0,5449
TcCLB.511165.80	protein kinase, putative	0,3734	0,7351
TcCLB.509997.60	hypothetical protein, conserved	0,373	0,00005289
TcCLB.511439.50	zinc transporter, putative	0,373	0,004434
TcCLB.508831.250	dispersed gene family protein 1 (DGF-1), putative	0,373	0,07069
TcCLB.509777.40	beta galactofuranosyl glycosyltransferase, putative	0,373	0,1139
TcCLB.409407.10	trans-sialidase (pseudogene), putative	0,3729	0,3507
TcCLB.510199.10	GP85-like protein, putative	0,3729	0,5431
TcCLB.511255.313	syntaxin binding protein (pseudogene), putative	0,3728	0,4398
TcCLB.510735.40	hypothetical protein, conserved	0,3727	0,001756
TcCLB.511625.100	mucin TcMUCII, putative	0,3726	0,4202
TcCLB.508163.210	trans-sialidase (pseudogene), putative	0,3724	0,2856
TcCLB.507467.110	hypothetical protein, conserved	0,3722	0,0001839
TcCLB.433733.10	trans-sialidase, putative	0,3721	0,1694
TcCLB.508903.110	trans-sialidase, putative	0,3716	0,3079
TcCLB.508023.20	trans-sialidase (pseudogene), putative	0,3715	0,1708
TcCLB.510483.180	mucin-associated surface protein (MASP), putative	0,3715	0,485
TcCLB.508917.20	hypothetical protein, conserved	0,3714	0,01569
TcCLB.511841.10	trans-sialidase (pseudogene), putative	0,3712	0,496
TcCLB.510293.54	hypothetical protein, conserved	0,3711	0,002731
TcCLB.506695.30	protein kinase, putative	0,371	0,03071
TcCLB.503839.10	hypothetical protein, conserved	0,3705	0,005402
TcCLB.467287.10	alpha-tubulin N-acetyltransferase, putative	0,3705	0,02994
TcCLB.508767.10	surface protein TolT	0,3704	0,05114
TcCLB.506469.10	hypothetical protein, conserved	0,3702	0,02702
TcCLB.506793.30	kinesin, putative	0,37	0,0007181
TcCLB.510609.40	ATP synthase F1, alpha subunit, putative (pseudogene)	0,3699	5,867E-07
TcCLB.503527.29	hypothetical protein, conserved	0,3698	0,01259
TcCLB.463323.10	trans-sialidase, Group II, putative	0,3698	0,1128
TcCLB.508043.30	ubiquitin-activating enzyme E1, putative	0,3696	8,737E-07
TcCLB.507817.80	5'-3' exoribonuclease A, putative (fragment) (XRNA)	0,3696	4,826E-06
TcCLB.509549.20	mucin-associated surface protein (MASP), putative	0,3696	0,2366
TcCLB.404073.10	hypothetical protein, conserved	0,3694	0,2742
TcCLB.506465.50	serine/threonine protein phosphatase-like protein, putative	0,3693	0,1729
TcCLB.507821.40	trans-sialidase (pseudogene), putative	0,3692	0,1219
TcCLB.507381.41	trans-sialidase (pseudogene), putative	0,3692	0,1378
TcCLB.508257.210	hypothetical protein, conserved	0,3691	0,003911
TcCLB.508799.60	DNA ligase, putative	0,3691	0,01642

TcCLB.511731.10	UV excision repair RAD23-like protein, putative	0,369	0,0006113
TcCLB.503783.70	mucin TcMUCII, putative	0,369	0,4137
TcCLB.510089.180	hypothetical protein, conserved	0,3688	0,006976
TcCLB.509109.100	hypothetical protein, conserved	0,3687	0,145
TcCLB.511373.30	mucin-associated surface protein (MASP), putative	0,3685	0,672
TcCLB.506859.170	hypothetical protein, conserved	0,3684	0,0009815
TcCLB.511587.100	retrotransposon hot spot (RHS) protein, putative	0,3683	0,002571
TcCLB.508165.110	mucin-associated surface protein (MASP), putative	0,3681	0,5487
TcCLB.506401.24	hypothetical protein, conserved	0,3678	0,005771
TcCLB.509965.134	hypothetical protein, conserved	0,3677	0,1813
TcCLB.508461.234	hypothetical protein, conserved	0,3674	0,05365
TcCLB.504085.70	Zinc finger protein, C3H1 type-like (ZC3H46)	0,3674	0,5838
TcCLB.508165.430	trans-sialidase, putative	0,3669	0,3183
TcCLB.508815.50	hypothetical protein, conserved	0,3668	0,005308
TcCLB.508175.9	hypothetical protein, conserved (fragment)	0,3666	0,002874
TcCLB.506187.40	trans-sialidase (pseudogene), putative	0,3666	0,2624
TcCLB.511003.140	vacuolar transport protein 4A, putative	0,3665	0,005299
TcCLB.506635.30	hypothetical protein, conserved	0,3664	0,002466
TcCLB.508461.550	hypothetical protein, conserved	0,3664	0,003421
TcCLB.506855.130	hypothetical protein, conserved	0,3664	0,03776
TcCLB.511087.4	mucin TcMUCII (pseudogene), putative	0,3664	0,4236
TcCLB.488591.10	trans-sialidase, putative (fragment)	0,3663	0,1487
TcCLB.503897.140	hypothetical protein, conserved	0,3662	0,01333
TcCLB.511257.10	DNAK protein, putative	0,3659	0,0004041
TcCLB.509561.130	hypothetical protein, conserved	0,3657	0,005344
TcCLB.506127.40	hypothetical protein, conserved	0,3657	0,036
TcCLB.504163.100	hypothetical protein, conserved	0,3654	0,001699
TcCLB.509259.129	hypothetical protein, conserved (pseudogene)	0,3654	0,2102
TcCLB.503871.10	trans-sialidase (pseudogene), putative	0,3654	0,2792
TcCLB.509105.10	hypothetical protein, conserved	0,3653	0,00728
TcCLB.510933.80	trans-sialidase, Group V, putative	0,3653	0,3486
TcCLB.510253.10	hypothetical protein, conserved	0,3652	0,01665
TcCLB.509809.10	NADH-ubiquinone oxidoreductase complex I subunit, putati	0,3651	0,004076
TcCLB.510719.220	hypothetical protein	0,3651	0,03971
TcCLB.509063.2	hypothetical protein, conserved (fragment)	0,3651	0,4625
TcCLB.504161.10	hypothetical protein	0,365	0,01501
TcCLB.507959.260	mucin-associated surface protein (MASP), putative	0,365	0,446
TcCLB.507949.4	cytidine triphosphate synthase, putative	0,3649	0,0284
TcCLB.508911.50	fructosamine kinase, putative	0,3649	0,05444
TcCLB.506409.100	mucin TcMUCII, putative	0,3647	0,3341
TcCLB.503587.64	retrotransposon hot spot protein (RHS, pseudogene), putat	0,3644	0,3651
TcCLB.504153.230	hypothetical protein, conserved	0,3643	0,0128
TcCLB.510355.90	dispersed gene family protein 1 (DGF-1), putative	0,3642	0,05953
TcCLB.506767.340	mucin-associated surface protein (MASP), putative	0,3642	0,2633
TcCLB.510239.40	mucin-associated surface protein (MASP, pseudogene), pu	0,3642	0,3145

TcCLB.509805.84	hypothetical protein, conserved	0,3641	0,07147
TcCLB.508369.10	hypothetical protein, conserved	0,3641	0,08008
TcCLB.508877.30	retrotransposon hot spot protein (RHS, pseudogene), putative	0,3639	0,2582
TcCLB.506763.290	mucin TcMUCII, putative	0,3639	0,5033
TcCLB.506685.20	hypothetical protein, conserved	0,3637	0,004683
TcCLB.509669.70	hypothetical protein, conserved	0,3635	0,0000299
TcCLB.511209.54	ribosomal protein S29, putative	0,3634	0,0009798
TcCLB.509533.5	retrotransposon hot spot protein (RHS, pseudogene), putative	0,3634	0,002095
TcCLB.506617.10	surface protein TolT (TolT)	0,3634	0,009627
TcCLB.511391.170	hypothetical protein, conserved	0,3632	0,007251
TcCLB.506629.240	retrotransposon hot spot (RHS) protein, putative (fragment)	0,3632	0,5349
TcCLB.410923.40	trans-sialidase (pseudogene), putative	0,363	0,03586
TcCLB.511449.30	mucin-associated surface protein (MASP), putative	0,363	0,3148
TcCLB.507163.40	mucin-associated surface protein (MASP), putative	0,3629	0,462
TcCLB.510431.150	glycosomal transporter (GAT2), putative (GAT2)	0,3628	6,843E-06
TcCLB.509611.70	hypothetical protein, conserved	0,3628	0,06254
TcCLB.506969.10	mucin-associated surface protein (MASP, pseudogene), putative	0,3628	0,1144
TcCLB.511145.50	vacuolar ATP synthase, putative	0,3627	0,00008231
TcCLB.506195.40	hypothetical protein, conserved	0,3626	0,05919
TcCLB.504191.19	sterol 24-c-methyltransferase, putative	0,3626	0,07346
TcCLB.506779.60	DNA-directed RNA polymerase II, subunit 9, putative	0,3625	0,03488
TcCLB.511921.150	trans-sialidase, Group V, putative	0,3625	0,1788
TcCLB.504081.490	mucin-associated surface protein (MASP), putative	0,3625	0,4434
TcCLB.506517.158	hypothetical protein, conserved	0,3622	0,03267
TcCLB.507015.10	retrotransposon hot spot (RHS) protein, putative	0,3621	0,00001451
TcCLB.506155.40	hypothetical protein, conserved	0,3618	0,0004429
TcCLB.506513.170	hypothetical protein, conserved (pseudogene)	0,3617	0,003212
TcCLB.504239.260	trans-sialidase, Group V, putative	0,3617	0,4165
TcCLB.510603.40	hypothetical protein, conserved	0,3616	0,001669
TcCLB.506529.470	hypothetical protein, conserved	0,3615	0,00006826
TcCLB.508153.240	hypothetical protein, conserved	0,3613	0,004577
TcCLB.511575.50	hypothetical protein, conserved	0,3611	0,00003311
TcCLB.510997.10	3-keto-dihydrosphingosine reductase	0,3611	0,004742
TcCLB.510361.130	serine-alanine-and proline-rich protein, putative	0,3611	0,6787
TcCLB.511847.40	hypothetical protein, conserved	0,3608	0,1322
TcCLB.506613.100	mucin TcMUCII (pseudogene), putative	0,3607	0,4494
TcCLB.510191.80	mucin TcMUCII, putative	0,3606	0,5935
TcCLB.506883.9	isopentenyl-diphosphate delta-isomerase (type II), putative	0,3605	0,03729
TcCLB.510565.170	hypothetical protein, conserved	0,3605	0,4532
TcCLB.510483.240	mucin-associated surface protein (MASP, pseudogene), putative	0,3601	0,324
TcCLB.508145.10	RNA-binding protein, putative	0,3598	0,5655
TcCLB.511825.40	centrin-4, putative (Centrin4)	0,3597	0,0008161
TcCLB.511001.30	hypothetical protein, conserved	0,3596	0,004408
TcCLB.509615.4	hypothetical protein, conserved (pseudogene)	0,3596	0,2611
TcCLB.506309.80	mucin TcMUCII, putative	0,3596	0,6843

TcCLB.511717.150	hypothetical protein, conserved	0,3593	0,01118
TcCLB.510077.40	small GTP-binding protein RAB6, putative	0,3593	0,03764
TcCLB.509979.350	mucin-associated surface protein (MASP), putative	0,3593	0,1505
TcCLB.506955.70	mucin-associated surface protein (MASP), putative	0,3593	0,2368
TcCLB.511159.30	Present in the outer mitochondrial membrane proteome 1!	0,3592	0,01317
TcCLB.509767.80	hypothetical protein, conserved	0,3589	0,07332
TcCLB.508141.20	hypothetical protein, conserved	0,3586	0,002187
TcCLB.510359.580	mucin TcMUCII, putative	0,3585	0,5985
TcCLB.506317.10	hypothetical protein, conserved	0,3584	0,002267
TcCLB.508979.90	hypothetical protein	0,3584	0,059
TcCLB.511825.260	ribosomal RNA processing protein 45, putative (RRP45)	0,3583	0,02396
TcCLB.506173.60	mucin-associated surface protein (MASP), putative	0,3583	0,3116
TcCLB.506797.30	hypothetical protein	0,3582	0,0001967
TcCLB.508433.120	mucin-associated surface protein (MASP, pseudogene), pu	0,3582	0,5116
TcCLB.511393.40	hypothetical protein, conserved	0,3581	0,01627
TcCLB.506503.4	transporter, putative	0,358	0,01076
TcCLB.506329.65	trans-sialidase (pseudogene), putative	0,3579	0,6104
TcCLB.503521.80	hypothetical protein, conserved	0,3576	0,0116
TcCLB.503579.80	hypothetical protein, conserved	0,3575	0,005446
TcCLB.508547.30	acyl-CoA dehydrogenase, mitochondrial precursor, putative	0,3574	0,001091
TcCLB.509831.30	hypothetical protein, conserved	0,3574	0,002512
TcCLB.508981.39	trifunctional enzyme alpha subunit, mitochondrial precursor	0,3574	0,003141
TcCLB.511167.50	hypothetical protein, conserved	0,3573	0,002487
TcCLB.510943.150	glycerol-3-phosphate acyltransferase, putative	0,3572	0,007617
TcCLB.508221.941	surface protease GP63 (pseudogene), putative	0,3572	0,4685
TcCLB.506755.250	mitochondrial import inner membrane translocase subunit	0,3571	0,008517
TcCLB.506529.380	ser/thr protein phosphatase, putative	0,3567	0,00001889
TcCLB.511919.10	mucin-associated surface protein (MASP), putative	0,3565	0,1778
TcCLB.508221.830	hypothetical protein, conserved (pseudogene)	0,3562	0,4654
TcCLB.509769.134	hypothetical protein, conserved	0,3561	0,002114
TcCLB.510099.60	hypothetical protein	0,356	0,003365
TcCLB.506805.10	mucin-associated surface protein (MASP), putative	0,3559	0,4925
TcCLB.511063.110	mucin-associated surface protein (MASP, pseudogene), pu	0,3558	0,5189
TcCLB.448653.10	trans-sialidase, putative (fragment)	0,3557	0,728
TcCLB.504149.140	hypothetical protein, conserved	0,3556	0,0006075
TcCLB.511725.280	hypothetical protein, conserved	0,3555	0,001313
TcCLB.504113.41	hypothetical protein, conserved (fragment)	0,3555	0,3082
TcCLB.510163.20	elongation factor 1-gamma (EF-1-gamma), putative	0,3554	0,001786
TcCLB.511921.90	mucin-associated surface protein (MASP, pseudogene), pu	0,355	0,3372
TcCLB.506425.150	hypothetical protein	0,3548	0,1036
TcCLB.508051.10	hypothetical protein, conserved	0,3547	0,003821
TcCLB.508165.380	hypothetical protein	0,3547	0,5665
TcCLB.510885.160	hypothetical protein, conserved	0,3543	0,00003969
TcCLB.510649.24	membrane associated protein, putative (fragment)	0,3543	0,0002357
TcCLB.506163.60	hypothetical protein	0,3542	0,002327

TcCLB.509459.40	hypothetical protein, conserved	0,3542	0,003456
TcCLB.503439.61	retrotransposon hot spot protein (RHS, pseudogene), putat	0,3542	0,03493
TcCLB.510013.310	mucin-associated surface protein (MASP), putative	0,3542	0,2983
TcCLB.509745.20	glycosyl transferase-like, putative	0,3539	0,01517
TcCLB.510359.490	trans-sialidase (pseudogene), putative	0,3538	0,1715
TcCLB.504111.30	hypothetical protein, conserved	0,3537	0,007352
TcCLB.503603.10	mitochondrial RNA binding complex 1 subunit, putative	0,3536	0,02081
TcCLB.506469.100	hypothetical protein, conserved	0,3535	0,0003424
TcCLB.508119.11	surface protease GP63 (pseudogene), putative	0,3535	0,1352
TcCLB.504019.6	hypothetical protein	0,3534	0,0005203
TcCLB.504223.20	amino acid permease, putative	0,3533	0,2031
TcCLB.505183.110	hypothetical protein	0,3533	0,2244
TcCLB.510287.4	Mutt-Nudix-related hydrolase, putative (fragment)	0,3532	0,4612
TcCLB.505071.90	protein phosphatase 2A, regulatory subunit B, putative	0,3531	0,003309
TcCLB.511283.320	hypothetical protein, conserved	0,353	0,02491
TcCLB.508443.10	hypothetical protein, conserved	0,3529	0,03143
TcCLB.510283.110	hypothetical protein, conserved	0,3529	0,08809
TcCLB.410269.10	trans-sialidase, putative (fragment)	0,3529	0,3573
TcCLB.511237.60	40S ribosomal protein S33, putative	0,3528	0,0003439
TcCLB.510565.50	hypothetical protein, conserved	0,3528	0,01689
TcCLB.506279.200	mucin TcMUCII, putative	0,3527	0,5516
TcCLB.506861.10	ATP-dependent DEAD/H RNA helicase, putative	0,3526	0,004112
TcCLB.508165.150	mucin-associated surface protein (MASP), putative	0,3526	0,3191
TcCLB.510013.240	mucin TcMUCII, putative	0,3526	0,6586
TcCLB.509289.20	tuzin, putative	0,3525	2,322E-07
TcCLB.510719.130	hypothetical protein, conserved	0,3523	0,01053
TcCLB.506853.10	hypothetical protein, conserved	0,3521	0,00004778
TcCLB.507521.150	dispersed gene family protein 1 (DGF-1), putative	0,3521	0,05022
TcCLB.507641.210	T-lymphocyte triggering factor, putative	0,352	0,0006702
TcCLB.506745.10	hypothetical protein, conserved	0,352	0,0596
TcCLB.503945.30	hypothetical protein, conserved	0,352	0,07913
TcCLB.506133.10	syntaxin binding protein (pseudogene), putative	0,3518	0,5426
TcCLB.508511.40	mucin-associated surface protein (MASP, pseudogene), pu	0,3518	0,5601
TcCLB.511417.30	hypothetical protein, conserved	0,3517	0,01972
TcCLB.510643.20	retrotransposon hot spot protein (RHS, pseudogene), putat	0,3517	0,05017
TcCLB.507973.10	mucin TcMUCl, putative	0,3517	0,4925
TcCLB.504131.70	hypothetical protein, conserved	0,3516	0,00005757
TcCLB.505807.90	hypothetical protein, conserved	0,3516	0,0002379
TcCLB.511217.100	hypothetical protein, conserved	0,3516	0,00167
TcCLB.508779.40	hypothetical protein, conserved	0,3516	0,04305
TcCLB.508515.60	hypothetical protein, conserved	0,3516	0,04953
TcCLB.507047.134	hypothetical protein, conserved	0,3516	0,2741
TcCLB.511647.30	meiotic recombination protein SPO11, putative	0,3515	0,1949
TcCLB.511665.21	trans-sialidase (pseudogene), putative	0,3513	0,05529
TcCLB.510943.20	hypothetical protein	0,3512	0,172

TcCLB.508815.150	hypothetical protein, conserved	0,3511	0,08799
TcCLB.507559.40	hypothetical protein, conserved	0,351	0,01107
TcCLB.511135.10	hypothetical protein, conserved (pseudogene)	0,351	0,02742
TcCLB.510503.89	mucin-associated surface protein (MASP, pseudogene), pu	0,3507	0,6595
TcCLB.511907.180	surface protease GP63 (pseudogene), putative	0,3503	0,2382
TcCLB.508277.130	hypothetical protein, conserved	0,3502	0,08537
TcCLB.511825.10	hypothetical protein, conserved	0,3501	0,007577
TcCLB.511907.340	hypothetical protein, conserved	0,35	0,1414
TcCLB.511767.130	expression site-associated gene (ESAG-like) protein, putati	0,35	0,4174
TcCLB.510879.110	ribosomal protein L3, putative	0,3499	0,000171
TcCLB.507623.20	hypothetical protein, conserved	0,3498	0,004943
TcCLB.511459.40	hypothetical protein, conserved	0,3498	0,007773
TcCLB.506705.30	hypothetical protein, conserved	0,3498	0,07317
TcCLB.511611.20	mucin-associated surface protein (MASP), putative	0,3498	0,6538
TcCLB.510021.120	trans-sialidase, Group V, putative	0,3497	0,3237
TcCLB.507689.25	hypothetical protein, conserved	0,3496	0,4267
TcCLB.509233.190	ribosomal protein S25, putative	0,3494	8,624E-06
TcCLB.505987.10	hypothetical protein, conserved (pseudogene)	0,3494	0,03782
TcCLB.503561.10	hypothetical protein, conserved	0,3494	0,03996
TcCLB.511603.40	hypothetical protein	0,3494	0,5373
TcCLB.439803.9	trans-sialidase (pseudogene), putative	0,3493	0,1771
TcCLB.509859.60	hypothetical protein, conserved	0,3491	0,001714
TcCLB.511283.100	hypothetical protein, conserved	0,3491	0,008043
TcCLB.505297.80	trans-sialidase (pseudogene), putative	0,3491	0,09488
TcCLB.511367.230	NADPH:adrenodoxin oxidoreductase, mitochondrial, putativ	0,3489	0,003341
TcCLB.510193.10	mucin-associated surface protein (MASP), putative	0,3488	0,3513
TcCLB.503593.50	hypothetical protein, conserved	0,3484	0,0005594
TcCLB.506223.30	hypothetical protein, conserved	0,3483	0,02294
TcCLB.510713.130	mucin-associated surface protein (MASP), putative	0,3483	0,4502
TcCLB.506667.20	hypothetical protein	0,3481	0,5667
TcCLB.509733.180	adenylate kinase, putative	0,348	0,1844
TcCLB.511835.10	trans-sialidase, Group VIII, putative	0,3476	0,3139
TcCLB.508819.10	hypothetical protein, conserved	0,3475	0,0356
TcCLB.503503.40	mucin-associated surface protein (MASP), putative	0,3475	0,4681
TcCLB.506559.205	hypothetical protein	0,3474	0,08132
TcCLB.508221.894	mucin-associated surface protein (MASP), putative	0,3473	0,4828
TcCLB.510091.119	calpain-like cysteine peptidase (pseudogene), putative	0,3472	0,0427
TcCLB.506819.20	hypothetical protein	0,3471	0,06963
TcCLB.506835.20	hypothetical protein	0,347	0,003139
TcCLB.503911.30	hypothetical protein, conserved	0,3469	0,001447
TcCLB.508823.120	ribosomal protein S20, putative	0,3469	0,001675
TcCLB.511765.20	dispersed gene family protein 1 (DGF-1), putative	0,3469	0,1098
TcCLB.511843.70	trans-sialidase, Group V, putative	0,3469	0,3683
TcCLB.507023.130	hypothetical protein, conserved	0,3468	0,02952
TcCLB.509611.170	hypothetical protein, conserved	0,3467	0,009707

TcCLB.511595.59	trans-sialidase, putative (fragment)	0,3466	0,7486
TcCLB.508041.60	eukaryotic release factor 3, putative	0,3465	0,00006332
TcCLB.509915.10	trans-sialidase (pseudogene), putative	0,3465	0,3189
TcCLB.508153.760	hypothetical protein, conserved	0,3464	0,003751
TcCLB.509967.80	hypothetical protein, conserved	0,3464	0,03229
TcCLB.509767.70	V-type proton ATPase subunit a, putative (VAa)	0,3463	0,0007576
TcCLB.505183.100	hypothetical protein, conserved	0,3463	0,01446
TcCLB.510719.110	actin-like protein, putative	0,3462	0,03135
TcCLB.509643.100	hypothetical protein, conserved	0,3461	0,04938
TcCLB.503587.3	mucin TcMUC (pseudogene), putative	0,3461	0,6547
TcCLB.511839.40	trans-sialidase, Group V, putative	0,346	0,3478
TcCLB.508881.120	prefoldin, putative	0,3455	0,004122
TcCLB.505807.250	hypothetical protein, conserved	0,3455	0,04059
TcCLB.506289.180	mucin-associated surface protein (MASP, pseudogene), pu	0,3454	0,3971
TcCLB.510101.130	inositol-1,4,5-trisphosphate (IP3) 5-phosphatase, putative	0,3453	0,0008986
TcCLB.508817.110	hypothetical protein, conserved	0,3453	0,06328
TcCLB.506615.21	surface protease GP63 (pseudogene), putative	0,3453	0,5124
TcCLB.508319.60	hypothetical protein, conserved	0,3452	0,003253
TcCLB.510363.30	retrotransposon hot spot protein (RHS, pseudogene), putat	0,3452	0,4366
TcCLB.479253.9	hypothetical protein, conserved (fragment)	0,3451	0,1044
TcCLB.507951.100	hypothetical protein, conserved	0,345	0,00762
TcCLB.508153.260	hypothetical protein, conserved	0,345	0,07635
TcCLB.506625.100	hypothetical protein, conserved	0,3448	0,001714
TcCLB.504193.30	retrotransposon hot spot protein (RHS, pseudogene), putat	0,3448	0,004901
TcCLB.506965.180	mucin-associated surface protein (MASP), putative	0,3447	0,6962
TcCLB.506835.50	hypothetical protein	0,3445	0,002309
TcCLB.510337.11	hypothetical protein, conserved (fragment)	0,3445	0,009665
TcCLB.504411.40	hypothetical protein, conserved	0,3445	0,02234
TcCLB.508805.120	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, pu	0,3445	0,2601
TcCLB.506825.60	hypothetical protein, conserved	0,3442	0,0005653
TcCLB.507089.200	chloride channel protein, putative	0,3442	0,001057
TcCLB.508355.200	vacuolar protein sorting protein 16, putative	0,3441	0,0002172
TcCLB.506563.190	calpain-like cysteine peptidase, putative	0,3441	0,0008341
TcCLB.508175.290	hypothetical protein, conserved	0,3441	0,003013
TcCLB.509399.9	helicase, putative	0,3439	0,00331
TcCLB.506327.40	hypothetical protein, conserved	0,3438	0,0001343
TcCLB.510887.14	chaperone DNAJ protein, putative	0,3437	0,01616
TcCLB.506963.90	calmodulin, putative	0,3435	0,02031
TcCLB.511089.30	mucin-associated surface protein (MASP), putative	0,3434	0,5264
TcCLB.507957.100	mucin-associated surface protein (MASP, pseudogene), pu	0,3433	0,3917
TcCLB.511755.40	hypothetical protein, conserved	0,3429	0,06052
TcCLB.510525.70	hypothetical protein, conserved	0,3428	0,02498
TcCLB.510859.10	nucleolar RNA-binding protein, putative	0,3427	0,00003942
TcCLB.508577.50	hypothetical protein	0,3427	0,1293
TcCLB.511089.130	mucin-associated surface protein (MASP), putative	0,3426	0,5997



TcCLB.509735.120	retrotransposon hot spot (RHS) protein, putative	0,3425	0,003596
TcCLB.507295.50	mucin-associated surface protein (MASP), putative	0,3425	0,2301
TcCLB.506345.90	trans-sialidase, Group II, putative	0,3424	0,2014
TcCLB.506227.190	hypothetical protein	0,3424	0,2586
TcCLB.506113.80	hypothetical protein, conserved (pseudogene)	0,3423	0,01767
TcCLB.506179.20	hypothetical protein, conserved	0,3423	0,05443
TcCLB.511853.21	mucin-associated surface protein (MASP, pseudogene), pu	0,3423	0,3444
TcCLB.508963.10	Flagellar Member 3 (pseudogene)	0,3422	0,0009431
TcCLB.508313.30	mucin-associated surface protein (MASP), putative	0,3422	0,5737
TcCLB.506267.90	mucin-associated surface protein (MASP), putative	0,3421	0,2712
TcCLB.511685.50	hypothetical protein, conserved	0,342	0,1044
TcCLB.511665.100	retrotransposon hot spot protein (RHS, pseudogene), putat	0,342	0,1321
TcCLB.510241.60	nascent polypeptide associated complex subunit, putative	0,3418	2,658E-06
TcCLB.510275.120	hypothetical protein	0,3417	0,6191
TcCLB.508529.30	retrotransposon hot spot protein (RHS, pseudogene), putat	0,3416	0,003754
TcCLB.506513.60	ADP-ribosylation factor, putative (ARL-1)	0,3416	0,04168
TcCLB.511105.60	trans-sialidase, putative	0,3415	0,1198
TcCLB.506399.89	Succinate dehydrogenase [ubiquinone] flavoprotein subuni	0,3414	0,02427
TcCLB.506537.100	trans-sialidase (pseudogene), putative	0,3412	0,0314
TcCLB.508823.40	hypothetical protein, conserved	0,3412	0,07643
TcCLB.506801.10	surface protease GP63 (pseudogene), putative	0,3412	0,4699
TcCLB.511825.170	serine/threonine protein phosphatase, putative	0,3409	0,01632
TcCLB.506789.210	paraflagellar rod protein, putative	0,3407	0,003995
TcCLB.509925.50	retrotransposon hot spot protein (RHS, pseudogene), putat	0,3407	0,1714
TcCLB.505655.10	trans-sialidase (pseudogene), putative	0,3403	0,3469
TcCLB.509769.120	hypothetical protein, conserved	0,3402	0,00013
TcCLB.506529.110	hypothetical protein, conserved	0,3401	0,02906
TcCLB.507085.120	hypothetical protein	0,3401	0,6064
TcCLB.506409.30	mucin-associated surface protein (MASP), putative	0,3399	0,4313
TcCLB.504039.90	mucin-associated surface protein (MASP, pseudogene), pu	0,3395	0,5231
TcCLB.507509.40	hypothetical protein, conserved	0,3394	0,001833
TcCLB.511153.84	hypothetical protein, conserved	0,3394	0,03543
TcCLB.504443.20	hypothetical protein, conserved	0,3394	0,05662
TcCLB.506489.20	monoglyceride lipase, putative	0,3391	0,00005073
TcCLB.504103.6	hypothetical protein, conserved	0,3391	0,1035
TcCLB.508175.329	60S ribosomal protein L19, putative	0,3389	0,001266
TcCLB.506519.140	hypothetical protein, conserved (pseudogene)	0,3389	0,04828
TcCLB.511717.200	hypothetical protein, conserved	0,3388	0,01153
TcCLB.507875.90	dispersed gene family protein 1 (DGF-1, pseudogene), puta	0,3386	0,06787
TcCLB.507993.100	hypothetical protein, conserved	0,3386	0,1416
TcCLB.504049.20	retrotransposon hot spot protein (RHS, pseudogene), putat	0,3384	0,003323
TcCLB.509023.40	hypothetical protein, conserved	0,3382	0,02332
TcCLB.507257.90	hypothetical protein, conserved	0,3382	0,06683
TcCLB.506947.110	myosin heavy chain (pseudogene), putative	0,3381	0,003639
TcCLB.508521.100	trans-sialidase, Group VIII, putative	0,338	0,4801

TcCLB.506295.70	hypothetical protein, conserved	0,3379	0,002153
TcCLB.510303.170	hypothetical protein, conserved	0,3378	0,00008018
TcCLB.503639.20	hypothetical protein, conserved	0,3374	0,1271
TcCLB.511559.40	hypothetical protein, conserved	0,3373	0,01529
TcCLB.503887.60	glycerolphosphate mutase, putative	0,3373	0,01654
TcCLB.510339.60	hypothetical protein, conserved	0,3373	0,0248
TcCLB.511717.170	Metalloprotease M41 FtsH, putative	0,3372	0,00501
TcCLB.506529.320	hypothetical protein, conserved	0,3372	0,01317
TcCLB.506557.10	hypothetical protein, conserved	0,3371	0,02572
TcCLB.509893.20	hypothetical protein, conserved	0,3369	0,001516
TcCLB.508661.34	hypothetical protein, conserved	0,3368	0,01256
TcCLB.510163.30	mucin-associated surface protein (MASP), putative	0,3366	0,01044
TcCLB.511929.20	dispersed gene family protein 1 (DGF-1, pseudogene), putative	0,3366	0,1288
TcCLB.510715.40	mucin-associated surface protein (MASP), putative	0,3366	0,5727
TcCLB.510311.80	hypothetical protein, conserved	0,3365	0,007741
TcCLB.506907.14	hypothetical protein, conserved	0,3365	0,01753
TcCLB.509373.10	trans-sialidase (pseudogene), putative	0,3365	0,2829
TcCLB.508479.274	hypothetical protein, conserved	0,3364	0,002586
TcCLB.503579.140	hypothetical protein, conserved	0,3364	0,009847
TcCLB.507437.30	trans-sialidase (pseudogene), putative	0,3364	0,2271
TcCLB.510261.41	mucin TcMUC (pseudogene), putative	0,3364	0,7031
TcCLB.511577.44	hypothetical protein, conserved	0,3363	0,1656
TcCLB.509057.10	hypothetical protein, conserved	0,3361	0,1931
TcCLB.511153.110	hypothetical protein, conserved	0,3359	0,0007017
TcCLB.503453.70	hypothetical protein, conserved	0,3359	0,0009662
TcCLB.511163.10	seryl-tRNA synthetase, putative (fragment)	0,3358	0,0009898
TcCLB.511875.64	hypothetical protein, conserved (pseudogene)	0,3358	0,169
TcCLB.511127.340	tyrosine phosphatase, putative	0,3357	0,002449
TcCLB.509791.20	hypothetical protein, conserved	0,3357	0,01152
TcCLB.508089.50	hypothetical protein, conserved	0,3356	0,0147
TcCLB.507699.200	mucin TcMUCII, putative	0,3356	0,4935
TcCLB.511323.10	trans-sialidase, Group I, putative	0,3353	0,04953
TcCLB.506147.210	hypothetical protein, conserved	0,3353	0,06619
TcCLB.503833.40	40S ribosomal protein S2, putative	0,3352	0,0001719
TcCLB.506743.180	recombination initiation protein NBS1, putative	0,335	0,001419
TcCLB.510979.10	mucin-associated surface protein (MASP), putative	0,335	0,3315
TcCLB.506331.200	trans-sialidase (pseudogene), putative	0,335	0,4223
TcCLB.509541.10	hypothetical protein, conserved	0,3349	0,00161
TcCLB.506637.10	hypothetical protein, conserved	0,3348	0,004454
TcCLB.511401.30	trans-sialidase, Group V, putative	0,3347	0,1713
TcCLB.511067.20	60S ribosomal protein L26, putative	0,3345	0,00004759
TcCLB.506795.70	hypothetical protein, conserved	0,3344	0,118
TcCLB.506153.6	hypothetical protein, conserved	0,3342	0,06028
TcCLB.459061.10	trans-sialidase, putative	0,3342	0,3282
TcCLB.503909.76	ferric reductase transmembrane protein, putative	0,3342	0,3484

TcCLB.510375.40	mucin-associated surface protein (MASP), putative	0,3342	0,6619
TcCLB.510543.110	hypothetical protein, conserved (pseudogene)	0,3341	0,1962
TcCLB.509695.50	katanin, putative	0,3339	0,1986
TcCLB.511521.24	hypothetical protein, conserved	0,3339	0,3261
TcCLB.509717.90	short chain 3-hydroxyacyl-CoA dehydrogenase, putative	0,3337	0,0003536
TcCLB.510901.70	mitochondrial RNA binding complex 1 subunit, putative	0,3337	0,001759
TcCLB.511647.4	glutamine-dependent carbamoyl-phosphate synthetase, pu	0,3337	0,005619
TcCLB.511315.30	hypothetical protein, conserved	0,3337	0,1043
TcCLB.506811.140	hypothetical protein, conserved	0,3336	0,01406
TcCLB.503757.10	40S ribosomal protein SA, putative	0,3332	0,0009996
TcCLB.506821.60	mucin TcMUCI, putative	0,3332	0,3678
TcCLB.504081.400	mucin-associated surface protein (MASP), putative	0,3332	0,4647
TcCLB.510531.40	hypothetical protein, conserved	0,3329	0,002961
TcCLB.511529.90	enolase, putative	0,3328	0,04498
TcCLB.505297.60	mucin-associated surface protein (MASP), putative	0,3327	0,2351
TcCLB.507765.70	40S ribosomal protein S21, putative	0,3325	4,408E-07
TcCLB.510897.70	glycerophosphoryl diester phosphodiesterase (pseudogene)	0,3325	0,04108
TcCLB.511673.9	hypothetical protein, conserved	0,3325	0,2434
TcCLB.510013.110	mucin TcMUCII, putative	0,3325	0,7023
TcCLB.511529.150	hypothetical protein, conserved	0,3324	0,006167
TcCLB.506705.10	hypothetical protein	0,3324	0,02957
TcCLB.506761.47	mucin TcMUCII, putative	0,3323	0,6967
TcCLB.506201.39	25 kDa translation elongation factor 1-beta, putative (EF-1	0,3322	6,865E-06
TcCLB.508641.330	pre-mRNA splicing factor, putative	0,3322	0,2127
TcCLB.510031.20	NADH-ubiquinone oxidoreductase complex I subunit, putati	0,3321	0,07958
TcCLB.506695.7	hypothetical protein, conserved	0,3321	0,08472
TcCLB.511183.49	mucin TcMUCII (pseudogene), putative	0,3319	0,6405
TcCLB.510805.5	trans-sialidase, putative	0,3318	0,6484
TcCLB.509545.10	mucin-associated surface protein (MASP), putative	0,3317	0,2708
TcCLB.506953.30	protein kinase, putative	0,3314	0,05787
TcCLB.416809.10	dispersed gene family protein 1 (DGF-1), putative	0,3313	0,08619
TcCLB.511751.80	hypothetical protein	0,3312	0,01901
TcCLB.506941.50	hypothetical protein, conserved	0,331	0,009319
TcCLB.507009.90	iron-sulfur cluster assembly protein, putative	0,331	0,02103
TcCLB.511499.30	RNA decapping enzyme, putative (Dcp2)	0,331	0,1087
TcCLB.504147.190	hypothetical protein, conserved	0,3309	0,002367
TcCLB.511367.290	hypothetical protein, conserved	0,3309	0,002731
TcCLB.505941.20	surface protease GP63 (pseudogene), putative	0,3309	0,2586
TcCLB.506839.80	phosphoribosylpyrophosphate synthetase, putative	0,3308	0,0001774
TcCLB.508433.180	mucin-associated surface protein (MASP), putative	0,3308	0,3172
TcCLB.510465.150	dispersed gene family protein 1 (DGF-1), putative	0,3307	0,443
TcCLB.511809.70	DNA primase small subunit, putative	0,3306	0,04004
TcCLB.511709.19	phosphatidylinositol 3-kinase catalytic subunit, putative	0,3306	0,09648
TcCLB.508055.25	hypothetical protein	0,3304	0,5263
TcCLB.508425.20	tryptophanyl-tRNA synthetase (pseudogene), putative	0,3303	0,1326

TcCLB.511649.60	COP9 signalosome complex subunit 5, putative	0,3302	0,004972
TcCLB.510361.180	trans-sialidase (pseudogene), putative	0,3302	0,571
TcCLB.511745.10	heat shock 70 kDa protein, mitochondrial precursor, putative	0,33	0,001145
TcCLB.506245.302	mucin-associated surface protein (MASP), putative	0,3299	0,3797
TcCLB.503835.39	hypothetical protein, conserved	0,3298	0,01714
TcCLB.511291.20	hypothetical protein, conserved	0,3298	0,0478
TcCLB.511751.114	hypothetical protein, conserved	0,3298	0,1832
TcCLB.507121.40	beta galactofuranosyl glycosyltransferase, putative	0,3298	0,2565
TcCLB.506767.196	surface protease GP63 (pseudogene), putative	0,3298	0,6867
TcCLB.503719.20	40S ribosomal protein SA, putative	0,3297	0,0002357
TcCLB.510191.31	trans-sialidase (pseudogene), putative	0,3297	0,5878
TcCLB.509693.50	metallo-peptidase, Clan MG, Family M24 (MetAP2)	0,3293	0,001462
TcCLB.508299.60	60S ribosomal protein L2, putative	0,3291	7,671E-06
TcCLB.508387.130	ATPase, putative	0,3291	0,02741
TcCLB.510101.460	hypothetical protein, conserved	0,329	0,009571
TcCLB.507699.210	hypothetical protein	0,329	0,4855
TcCLB.511239.120	hypothetical protein, conserved	0,3289	0,1554
TcCLB.510761.10	mismatch repair protein PMS1, putative	0,3288	0,0004863
TcCLB.504151.30	hypothetical protein, conserved	0,3288	0,05796
TcCLB.507203.9	dispersed gene family protein 1 (DGF-1), putative	0,3288	0,3539
TcCLB.508027.30	hypothetical protein, conserved	0,3287	0,06671
TcCLB.507081.130	2,4-dihydroxyhept-2-ene-1,7-dioic acid aldolase, putative	0,3286	0,007406
TcCLB.511859.70	hypothetical protein, conserved	0,3285	0,04318
TcCLB.510101.310	hypothetical protein	0,3284	0,001993
TcCLB.508153.790	hypothetical protein, conserved	0,3284	0,08984
TcCLB.508027.90	hypothetical protein, conserved	0,3283	0,008551
TcCLB.503545.20	retrotransposon hot spot protein (RHS, pseudogene), putative	0,3282	0,1816
TcCLB.511319.20	hypothetical protein, conserved	0,3281	0,001189
TcCLB.507491.119	hypothetical protein, conserved	0,3281	0,004375
TcCLB.511827.60	CCR4 associated factor, putative	0,3279	0,001645
TcCLB.508989.50	hypothetical protein, conserved	0,3277	0,004017
TcCLB.509073.110	hypothetical protein, conserved	0,3275	0,001599
TcCLB.506605.180	hypothetical protein, conserved	0,3275	0,02541
TcCLB.507485.120	tuzin	0,3275	0,1554
TcCLB.508175.50	hypothetical protein, conserved	0,3274	0,001697
TcCLB.511903.90	hypothetical protein, conserved	0,3273	0,01302
TcCLB.506951.70	surface protease GP63 (pseudogene), putative	0,3273	0,4106
TcCLB.453995.10	retrotransposon hot spot protein (RHS, pseudogene), putative	0,3272	0,03608
TcCLB.505997.60	retrotransposon hot spot (RHS) protein, putative	0,3272	0,1303
TcCLB.510943.40	protein kinase, putative	0,3271	0,004082
TcCLB.510125.10	pumilio/PUF RNA binding protein 6, putative (PUF6)	0,3265	0,01607
TcCLB.510437.30	hypothetical protein, conserved	0,3264	0,2494
TcCLB.505155.10	retrotransposon hot spot protein (RHS, pseudogene), putative	0,3263	0,0922
TcCLB.511169.10	hypothetical protein, conserved	0,3263	0,1112
TcCLB.511277.554	hypothetical protein, conserved	0,3261	0,05942

TcCLB.503721.39	heat shock 70 kDa protein, putative	0,326	0,003264
TcCLB.506885.354	hypothetical protein, conserved	0,3258	0,1837
TcCLB.508883.30	mucin TcMUCII, putative	0,3256	0,5952
TcCLB.508737.170	hypothetical protein, conserved	0,3255	0,04193
TcCLB.503761.20	surface protease GP63 (pseudogene), putative	0,3255	0,3942
TcCLB.506957.120	hypothetical protein, conserved	0,3253	0,0005901
TcCLB.506277.30	mucin-associated surface protein (MASP, pseudogene), pu	0,3253	0,3122
TcCLB.509429.190	hypothetical protein, conserved	0,3252	0,002599
TcCLB.510525.50	hypothetical protein, conserved	0,3252	0,006763
TcCLB.507993.80	glycogen synthase kinase 3, putative	0,3252	0,1313
TcCLB.508387.60	hypothetical protein, conserved	0,3251	0,06608
TcCLB.510889.80	protein phosphatase with EF-Hand domains (PPEF)	0,325	0,0001932
TcCLB.503787.30	hypothetical protein	0,325	0,4138
TcCLB.509805.120	hypothetical protein, conserved	0,3249	0,119
TcCLB.503509.10	hypothetical protein, conserved	0,3245	0,0000801
TcCLB.506617.5	surface protein TolT, putative (fragment)	0,3243	0,06175
TcCLB.508387.100	ubiquitin-conjugating enzyme E2, putative	0,3242	0,02364
TcCLB.503849.51	mucin TcMUCII (pseudogene), putative	0,3242	0,5064
TcCLB.511871.100	hypothetical protein, conserved	0,324	0,01679
TcCLB.507949.260	Cell cycle checkpoint protein RAD1-like, putative	0,3239	0,1717
TcCLB.510579.110	hypothetical protein, conserved	0,3238	0,0006744
TcCLB.507723.160	hypothetical protein, conserved	0,3238	0,003775
TcCLB.511195.10	retrotransposon hot spot protein (RHS, pseudogene), putat	0,3238	0,4916
TcCLB.510083.30	retrotransposon hot spot protein (RHS, pseudogene), putat	0,3237	0,002822
TcCLB.510835.40	60S ribosomal protein L7a, putative	0,3236	0,00002027
TcCLB.511465.20	hypothetical protein, conserved	0,3236	0,004847
TcCLB.510087.30	dihydroceramide synthase, putative (DHCS)	0,3234	0,008702
TcCLB.506777.70	cdc2-related kinase 8, putative (CRK8)	0,3232	0,0104
TcCLB.507013.20	hypothetical protein, conserved	0,323	0,0172
TcCLB.509003.20	calpain-like cysteine peptidase, putative	0,323	0,1298
TcCLB.507957.10	mucin-associated surface protein (MASP), putative	0,3227	0,2701
TcCLB.503571.19	hypothetical protein, conserved	0,3226	0,00623
TcCLB.509913.24	dynein light chain 2B, cytoplasmic, putative	0,3226	0,02952
TcCLB.506657.79	50S ribosomal protein L16, putative	0,3226	0,04661
TcCLB.511643.110	trans-sialidase, Group V, putative	0,3225	0,1503
TcCLB.510187.300	hypothetical protein, conserved	0,3223	0,04064
TcCLB.511705.5	trans-sialidase (pseudogene), putative	0,3223	0,5489
TcCLB.511469.20	hypothetical protein, conserved	0,3222	0,003645
TcCLB.511413.19	trans-sialidase, putative	0,3218	0,2652
TcCLB.506859.20	proteasome regulatory ATPase subunit 5, putative	0,3217	0,002242
TcCLB.509047.60	hypothetical protein, conserved	0,3217	0,008191
TcCLB.506529.224	hypothetical protein, conserved	0,3215	0,0867
TcCLB.506559.500	hypothetical protein, conserved	0,3214	0,003473
TcCLB.507921.9	dispersed gene family protein 1 (DGF-1), putative	0,3213	0,2049
TcCLB.510621.49	mucin-associated surface protein (MASP), putative	0,3212	0,6225

TcCLB.510899.50	palmitoyl acyltransferase 4, putative	0,3211	0,02397
TcCLB.508707.120	hypothetical protein, conserved	0,321	0,005378
TcCLB.511199.20	hypothetical protein, conserved	0,321	0,0197
TcCLB.504149.50	hypothetical protein, conserved	0,3209	0,003943
TcCLB.507669.120	ATPase domain protein, putative	0,3208	0,03613
TcCLB.507165.59	hypothetical protein, conserved	0,3207	0,02227
TcCLB.510519.140	hypothetical protein, conserved	0,3207	0,1684
TcCLB.508579.4	hypothetical protein, conserved	0,3206	0,1689
TcCLB.507883.10	glucose-6-phosphate 1-dehydrogenase (pseudogene), puta	0,3205	0,2157
TcCLB.506975.34	aminoacylase, putative	0,3204	0,267
TcCLB.510737.10	6-phosphogluconate dehydrogenase, decarboxylating, puta	0,3203	0,09842
TcCLB.510429.59	hypothetical protein, conserved	0,3203	0,2545
TcCLB.509151.80	hypothetical protein, conserved	0,32	0,07517
TcCLB.508411.30	hypothetical protein, conserved	0,3199	0,002514
TcCLB.506279.120	mucin TcMUCII, putative	0,3199	0,6474
TcCLB.506821.150	hypothetical protein, conserved	0,3194	0,0165
TcCLB.506485.20	hypothetical protein, conserved	0,3194	0,03872
TcCLB.507857.30	hypothetical protein, conserved	0,3193	0,007738
TcCLB.509803.10	hypothetical protein	0,3188	0,1916
TcCLB.510565.125	hypothetical protein, conserved	0,3188	0,236
TcCLB.506637.70	hypothetical protein, conserved	0,3187	0,009702
TcCLB.506931.70	hypothetical protein, conserved	0,3184	0,008387
TcCLB.506977.60	hypothetical protein, conserved	0,3181	0,05749
TcCLB.510143.24	Hsc70-interacting protein (Hip), putative	0,318	0,0003169
TcCLB.506599.120	surface protease GP63 (pseudogene), putative	0,3175	0,6929
TcCLB.511173.150	mucin-associated surface protein (MASP), putative	0,3173	0,4138
TcCLB.509455.30	hypothetical protein, conserved	0,3172	0,02989
TcCLB.510661.100	hypothetical protein	0,3172	0,04662
TcCLB.510525.20	hypothetical protein, conserved	0,3172	0,06873
TcCLB.506989.270	hypothetical protein, conserved	0,3171	0,6379
TcCLB.508221.350	hypothetical protein	0,317	0,4314
TcCLB.507517.120	hypothetical protein, conserved	0,3168	0,1004
TcCLB.506297.94	60S ribosomal protein L24, putative	0,3167	0,01519
TcCLB.506789.140	MORN repeat-containing protein	0,3166	0,02637
TcCLB.511857.20	hypothetical protein, conserved	0,3165	0,009679
TcCLB.503893.70	reductase, putative	0,3164	0,01912
TcCLB.510121.20	hexokinase, putative	0,3163	0,0004197
TcCLB.504003.60	chaperonin/T-complex protein 1 gamma subunit, putative	0,316	0,00001362
TcCLB.504817.9	hypothetical protein, conserved (fragment)	0,316	0,3538
TcCLB.510667.70	iron-sulfur cluster assembly protein, putative	0,3158	0,03349
TcCLB.509259.45	hypothetical protein	0,3158	0,2982
TcCLB.509971.44	mucin-associated surface protein (MASP, pseudogene), pu	0,3158	0,5953
TcCLB.511657.30	hypothetical protein, conserved	0,3155	0,01173
TcCLB.506929.30	hypothetical protein, conserved	0,3155	0,01666
TcCLB.504103.60	hypothetical protein, conserved	0,3155	0,1332

TcCLB.506943.27	hypothetical protein, conserved	0,3155	0,2186
TcCLB.511875.80	mucin-associated surface protein (MASP), putative	0,3155	0,254
TcCLB.505949.70	mucin TcMUCII, putative	0,3154	0,4177
TcCLB.505949.120	mucin TcMUCII, putative	0,3153	0,538
TcCLB.511169.29	tubulin-tyrsoine ligase-like protein, putative	0,3149	0,002521
TcCLB.503741.20	mucin-associated surface protein (MASP, pseudogene), pu	0,3149	0,3033
TcCLB.505807.110	alkyl-dihydroxyacetone phosphate synthase, putative	0,3145	0,00006902
TcCLB.511577.86	N-acetyltransferase, putative	0,3145	0,007392
TcCLB.510221.39	adenosine monophosphate deaminase, putative (fragment	0,3145	0,0255
TcCLB.508125.149	trans-sialidase, putative (fragment)	0,3144	0,342
TcCLB.506955.261	hypothetical protein, conserved (pseudogene)	0,3144	0,4511
TcCLB.507701.10	mucin TcMUCII, putative	0,3143	0,1978
TcCLB.511875.9	mucin-associated surface protein (MASP), putative	0,3143	0,2379
TcCLB.508645.59	dynein light chain, putative	0,3139	0,01714
TcCLB.504827.80	hypothetical protein, conserved	0,3139	0,1019
TcCLB.506799.110	hypothetical protein	0,3139	0,5777
TcCLB.508153.1060	hypothetical protein, conserved	0,3138	0,2754
TcCLB.511181.80	threonyl-tRNA synthetase, putative	0,3137	0,00007088
TcCLB.505183.140	protein kinase, putative	0,3135	0,01014
TcCLB.509735.30	retrotransposon hot spot protein (RHS, pseudogene), putat	0,3133	0,01005
TcCLB.506925.460	hypothetical protein, conserved	0,3133	0,08782
TcCLB.506391.50	polyubiquitin (pseudogene), putative	0,3132	0,0313
TcCLB.509169.20	hypothetical protein, conserved	0,3131	0,01213
TcCLB.510431.70	hypothetical protein, conserved	0,3128	0,07151
TcCLB.506845.31	ATP-dependent DEAD/H RNA helicase (pseudogene), putat	0,3128	0,575
TcCLB.506755.270	hypothetical protein, conserved	0,3125	0,4234
TcCLB.511553.160	90 kDa surface protein, putative	0,3125	0,5954
TcCLB.503905.30	hypothetical protein, conserved	0,3124	0,01922
TcCLB.508233.30	mucin TcSMUGS, putative	0,3123	0,1619
TcCLB.509805.240	hypothetical protein, conserved (pseudogene)	0,3121	0,08256
TcCLB.509471.30	hypothetical protein, conserved	0,3117	0,06335
TcCLB.507907.60	retrotransposon hot spot (RHS) protein, putative	0,3115	0,1931
TcCLB.510737.60	hypothetical protein, conserved	0,3114	0,03863
TcCLB.508349.10	hypothetical protein, conserved	0,3114	0,07746
TcCLB.511133.20	thymidine kinase, putative	0,3114	0,09513
TcCLB.506211.80	hypothetical protein, conserved	0,3113	0,05012
TcCLB.504021.74	hypothetical protein, conserved	0,311	0,1088
TcCLB.511733.100	hypothetical protein, conserved	0,3109	0,02334
TcCLB.506457.10	metallo-peptidase, Clan MG, Family M24 (MetAP2)	0,3108	0,002521
TcCLB.505807.50	hypothetical protein, conserved	0,3105	0,05283
TcCLB.506407.80	intraflagellar transport protein 81, putative (IFT81)	0,3103	0,0001552
TcCLB.507477.20	hypothetical protein, conserved (pseudogene)	0,3102	0,001756
TcCLB.508277.330	actin-like protein, putative	0,3095	0,01611
TcCLB.506267.30	mucin TcMUCII, putative	0,3095	0,4714
TcCLB.506667.80	mucin-associated surface protein (MASP), putative	0,3095	0,605

TcCLB.507651.10	hypothetical protein, conserved (pseudogene)	0,3094	0,002232
TcCLB.507023.210	hypothetical protein, conserved	0,3094	0,2049
TcCLB.510515.130	S-adenosyl-methyltransferase mraW-like protein, putative	0,3093	0,02123
TcCLB.508823.100	hypothetical protein, conserved	0,3093	0,0314
TcCLB.511233.130	mucin-associated surface protein (MASP), putative	0,3093	0,7281
TcCLB.508589.10	hypothetical protein	0,3086	0,3761
TcCLB.511867.140	Acyl carrier protein, mitochondrial, putative (ACP)	0,3085	0,004081
TcCLB.510945.20	hypothetical protein, conserved	0,3085	0,01584
TcCLB.506999.90	rieske iron-sulfur protein, mitochondrial precursor, putative	0,3082	0,000694
TcCLB.509805.60	Ras-related protein Rab5A, putative (RAB5A)	0,3082	0,004285
TcCLB.510659.90	hypothetical protein, conserved	0,3082	0,05278
TcCLB.509607.10	ubiquitin-conjugating enzyme E2, putative	0,3081	0,01784
TcCLB.422507.10	glycine dehydrogenase [decarboxylating], putative	0,3081	0,1877
TcCLB.508461.350	hypothetical protein, conserved	0,308	0,008349
TcCLB.506977.30	hypothetical protein, conserved	0,308	0,02765
TcCLB.509417.30	retrotransposon hot spot protein (RHS, pseudogene), putative	0,308	0,3433
TcCLB.507835.80	trans-sialidase, putative	0,3079	0,4916
TcCLB.511543.30	amino acid transporter, putative	0,3078	0,2515
TcCLB.510671.31	hypothetical protein, conserved	0,3077	0,02294
TcCLB.509027.70	kinetoplastid kinetochore protein 19, putative (kkt19)	0,3077	0,02882
TcCLB.507993.40	hypothetical protein, conserved	0,3076	0,01193
TcCLB.506147.100	hypothetical protein, conserved	0,3075	0,007044
TcCLB.506503.53	hypothetical protein	0,3075	0,06327
TcCLB.508899.140	hypothetical protein	0,3073	0,0418
TcCLB.510227.10	hypothetical protein, conserved	0,3071	0,1555
TcCLB.510373.10	mucin-associated surface protein (MASP), putative	0,3071	0,3883
TcCLB.508063.9	dispersed gene family protein 1 (DGF-1), putative (fragme	0,307	0,3411
TcCLB.506195.210	hypothetical protein, conserved	0,3069	0,00458
TcCLB.510355.70	retrotransposon hot spot protein (RHS, pseudogene), putative	0,3067	0,04649
TcCLB.503733.10	hypothetical protein, conserved	0,3067	0,1167
TcCLB.504427.80	hypothetical protein, conserved	0,3066	0,07068
TcCLB.506517.40	hypothetical protein	0,3066	0,3757
TcCLB.405165.19	hypothetical protein, conserved (fragment)	0,3065	0,05238
TcCLB.508647.50	hypothetical protein, conserved (pseudogene)	0,3064	0,001028
TcCLB.508411.50	hypothetical protein, conserved	0,3063	0,01864
TcCLB.415187.19	hypothetical protein, conserved (fragment)	0,3063	0,3771
TcCLB.508665.40	hypothetical protein, conserved	0,3061	0,2048
TcCLB.506559.40	cardiolipin synthetase, putative (cls)	0,306	0,001742
TcCLB.508601.30	DNA-directed RNA polymerase I/III subunit, putative	0,3059	0,09174
TcCLB.506945.150	hypothetical protein	0,3058	0,08412
TcCLB.509669.14	thioredoxin, putative	0,3058	0,1395
TcCLB.510385.10	dispersed gene family protein 1 (DGF-1), putative	0,3057	0,3051
TcCLB.508265.30	hypothetical protein	0,3056	0,01889
TcCLB.509081.150	mucin-associated surface protein (MASP), putative	0,3055	0,4303
TcCLB.503599.10	protein kinase, putative	0,3053	0,1097



TcCLB.509897.260	hypothetical protein	0,3053	0,3587
TcCLB.503575.60	protein kinase, putative	0,3052	0,01313
TcCLB.507209.50	hypothetical protein, conserved	0,3052	0,04049
TcCLB.506537.230	hypothetical protein, conserved	0,3052	0,3365
TcCLB.509081.5	mucin-associated surface protein (MASP), putative	0,3052	0,5429
TcCLB.507023.60	hypothetical protein, conserved	0,3049	0,05203
TcCLB.506437.20	tuzin, putative	0,3048	0,00005819
TcCLB.511211.104	hypothetical protein, conserved	0,3048	0,1471
TcCLB.508431.5	hypothetical protein	0,3047	0,5476
TcCLB.511715.70	hypothetical protein, conserved	0,3045	0,04379
TcCLB.505193.84	hypothetical protein, conserved	0,3045	0,07457
TcCLB.504153.320	Golgi reassembly stacking protein (GRASP homologue), pu	0,3043	0,04707
TcCLB.510329.370	hypothetical protein, conserved	0,3043	0,1162
TcCLB.503839.5	chloride channel protein, putative	0,3043	0,1971
TcCLB.506763.150	mucin-associated surface protein (MASP), putative	0,3043	0,7065
TcCLB.504097.30	hypothetical protein, conserved	0,3042	0,00137
TcCLB.509525.420	mucin TcMUCII, putative	0,3042	0,7219
TcCLB.511865.19	frataxin-like, mitochondrial precursor, putative	0,304	0,09567
TcCLB.506967.27	syntaxin binding protein (pseudogene), putative	0,3037	0,6657
TcCLB.509945.30	hypothetical protein	0,3036	0,001997
TcCLB.510853.120	hypothetical protein, conserved	0,3034	0,002255
TcCLB.503927.9	dynein light intermediate chain, putative	0,3034	0,02529
TcCLB.505999.60	hypothetical protein	0,3034	0,2136
TcCLB.423205.10	trans-sialidase, putative (fragment)	0,3034	0,8343
TcCLB.506113.40	hypothetical protein, conserved (pseudogene)	0,3033	0,08367
TcCLB.511695.10	hypothetical protein	0,3033	0,3861
TcCLB.504153.20	phosphoglycerate kinase, putative	0,3032	0,001427
TcCLB.508859.70	hypothetical protein, conserved	0,3032	0,06328
TcCLB.511303.80	hypothetical protein, conserved	0,3031	0,07279
TcCLB.511049.40	leucyl-tRNA synthetase, putative	0,3029	0,00006688
TcCLB.413893.10	trans-sialidase (pseudogene), putative	0,3029	0,5356
TcCLB.506479.30	hypothetical protein, conserved	0,3028	0,06633
TcCLB.506737.10	hypothetical protein, conserved	0,3026	0,008982
TcCLB.506247.400	hypothetical protein, conserved	0,3025	0,1087
TcCLB.509419.230	trans-sialidase (pseudogene), putative	0,3024	0,2091
TcCLB.508593.100	hypothetical protein, conserved	0,3024	0,2446
TcCLB.507071.190	trans-sialidase, Group V, putative	0,3024	0,4672
TcCLB.509525.120	mucin TcMUCII, putative	0,3024	0,6164
TcCLB.498829.10	mucin TcMUC, putative	0,3023	0,2808
TcCLB.508227.10	hypothetical protein	0,3023	0,7462
TcCLB.510307.240	trans-sialidase, Group VIII, putative	0,3022	0,2429
TcCLB.509895.40	hypothetical protein, conserved	0,3021	0,004776
TcCLB.511849.10	mucin TcMUCI, putative	0,3021	0,3044
TcCLB.506209.19	dispersed gene family protein 1 (DGF-1), putative (fragme	0,3021	0,5298
TcCLB.509769.70	DNA polymerase theta (helicase domain only), putative	0,302	0,0006546

TcCLB.511301.120	hypothetical protein, conserved	0,302	0,003456
TcCLB.503655.30	mucin-like glycoprotein, putative	0,3019	0,4476
TcCLB.509339.4	poly(A) export protein, putative	0,3017	0,05497
TcCLB.511425.19	hypothetical protein, conserved (pseudogene)	0,3016	0,08299
TcCLB.510297.50	hypothetical protein, conserved	0,3015	0,03057
TcCLB.506145.40	hypothetical protein, conserved	0,3014	0,0003576
TcCLB.511173.24	mucin-associated surface protein (MASP), putative	0,3014	0,482
TcCLB.503819.30	eukaryotic translation initiation factor 2 subunit, putative	0,3013	0,0008148
TcCLB.506985.60	inositol polyphosphate kinase-like protein, putative	0,3013	0,0872
TcCLB.510689.70	hypothetical protein, conserved	0,301	0,2649
TcCLB.506777.80	seryl-tRNA synthetase, putative	0,3009	9,057E-06
TcCLB.509245.29	hypothetical protein, conserved	0,3009	0,1419
TcCLB.511821.110	translation initiation factor IF-2, putative	0,3008	0,004542
TcCLB.504491.20	trans-sialidase, putative	0,3008	0,5233
TcCLB.504069.70	vacuolar ATP synthase, putative	0,3007	0,001028
TcCLB.505073.10	hypothetical protein	0,3007	0,002033
TcCLB.506591.30	hypothetical protein, conserved	0,3007	0,01493
TcCLB.511751.50	protein kinase, putative	0,3007	0,02031
TcCLB.507723.41	trans-sialidase (pseudogene), putative	0,3005	0,3359
TcCLB.508247.30	hypothetical protein, conserved	0,3005	0,6475
TcCLB.508805.90	hypothetical protein, conserved	0,3003	0,3184
TcCLB.511467.4	hypothetical protein, conserved	0,3002	0,04737
TcCLB.503693.29	hypothetical protein	0,3	0,03071
TcCLB.503611.50	hypothetical protein, conserved	0,3	0,1271
TcCLB.511399.50	mucin-associated surface protein (MASP), putative	0,2999	0,4142
TcCLB.506559.220	hypothetical protein, conserved	0,2997	0,02609
TcCLB.510315.4	hypothetical protein, conserved (fragment)	0,2997	0,1179
TcCLB.509777.80	hypothetical protein, conserved	0,2995	0,04114
TcCLB.508247.110	serine-alanine-and proline-rich protein, putative	0,2995	0,4522
TcCLB.509393.10	hypothetical protein, conserved	0,2993	0,02208
TcCLB.507663.30	hypothetical protein, conserved	0,2993	0,03421
TcCLB.508881.90	hypothetical protein, conserved	0,2993	0,0484
TcCLB.511189.30	40S ribosomal protein S13, putative	0,2991	0,0006339
TcCLB.511585.125	hypothetical protein, conserved	0,2991	0,0485
TcCLB.509025.10	hypothetical protein, conserved	0,299	0,2404
TcCLB.508577.70	hypothetical protein	0,2989	0,00611
TcCLB.511217.145	ribosomal protein L39, putative	0,2988	0,005118
TcCLB.508807.10	ATP-dependent Clp protease subunit, heat shock protein 1C	0,2988	0,01338
TcCLB.511907.210	hypothetical protein, conserved	0,2988	0,07624
TcCLB.507825.49	hypothetical protein, conserved (fragment)	0,2988	0,2168
TcCLB.503531.30	COP9 signalosome complex subunit 5, putative (pseudoger	0,2987	0,04277
TcCLB.508595.35	hypothetical protein (pseudogene)	0,2987	0,52
TcCLB.507255.10	surface protease GP63 (pseudogene), putative	0,2987	0,5838
TcCLB.503413.19	hypothetical protein	0,2986	0,06328
TcCLB.510355.230	hypothetical protein, conserved	0,2985	0,09097

TcCLB.503499.20	hypothetical protein, conserved	0,2981	0,04401
TcCLB.503607.7	glycine dehydrogenase (pseudogene), putative	0,2981	0,09672
TcCLB.511431.20	hypothetical protein, conserved	0,2977	0,0001512
TcCLB.503935.20	2-oxoglutarate dehydrogenase, E2 component, dihydrolipo:	0,2975	0,00116
TcCLB.511069.10	40S ribosomal protein S8, putative	0,2975	0,008945
TcCLB.508207.150	Silent information regulator 2 related protein 1, putative (S	0,2975	0,04216
TcCLB.506401.220	electron transfer flavoprotein-ubiquinone oxidoreductase,	0,2974	0,03957
TcCLB.509573.10	small GTP-binding protein Rab7, putative	0,2973	0,06544
TcCLB.509979.270	mucin-associated surface protein (MASP), putative	0,2971	0,1631
TcCLB.507647.30	hypothetical protein, conserved	0,2971	0,2639
TcCLB.506475.130	hypothetical protein, conserved	0,2969	0,002695
TcCLB.510477.80	mucin-associated surface protein (MASP), putative	0,2969	0,4424
TcCLB.506629.80	vesicular transport protein (CDC48 homologue), putative	0,2967	0,0002102
TcCLB.508977.40	trans-sialidase, Group V, putative	0,2967	0,1364
TcCLB.511921.140	mucin-associated surface protein (MASP), putative	0,2966	0,6816
TcCLB.510323.70	hypothetical protein, conserved	0,2964	0,008876
TcCLB.504105.190	hypothetical protein, conserved	0,2963	0,04024
TcCLB.509693.60	hypothetical protein, conserved	0,2963	0,1147
TcCLB.506765.43	hypothetical protein	0,2962	0,2473
TcCLB.507005.4	acyl transferase-like protein	0,296	0,04105
TcCLB.507503.20	glycine dehydrogenase [decarboxylating] (pseudogene), pu	0,2959	0,03411
TcCLB.507603.110	hypothetical protein, conserved	0,2958	0,04452
TcCLB.504505.20	retrotransposon hot spot (RHS) protein, putative	0,2957	0,1553
TcCLB.507611.380	hypothetical protein	0,2955	0,04118
TcCLB.511741.50	C-1-tetrahydrofolate synthase, cytoplasmic, putative	0,2955	0,06152
TcCLB.420495.10	hypothetical protein, conserved (pseudogene)	0,2954	0,1253
TcCLB.508351.30	hypothetical protein, conserved	0,295	0,03375
TcCLB.510743.60	phospholipase A1, putative	0,295	0,06861
TcCLB.506581.69	Mutt-Nudix-related hydrolase 5, putative	0,2949	0,1629
TcCLB.506993.130	mucin-associated surface protein (MASP, pseudogene), pu	0,2949	0,2565
TcCLB.504105.80	hypothetical protein, conserved	0,2942	0,003801
TcCLB.506265.170	hypothetical protein, conserved	0,2941	0,08271
TcCLB.504013.11	ribosomal protein L13, putative (fragment)	0,2939	0,00001404
TcCLB.507499.90	trans-sialidase (pseudogene), putative	0,2938	0,04883
TcCLB.509055.69	hypothetical protein, conserved (fragment)	0,2937	0,3063
TcCLB.511839.25	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	0,2934	0,6111
TcCLB.507625.130	hypothetical protein, conserved	0,2932	0,04554
TcCLB.508629.74	retrotransposon hot spot protein (RHS, pseudogene), putat	0,2932	0,0658
TcCLB.510395.10	ATP synthase F1, alpha subunit, putative (ATPF1A)	0,2931	0,006858
TcCLB.506297.10	hypothetical protein	0,2931	0,007827
TcCLB.507203.5	trans-sialidase (pseudogene), putative	0,2931	0,09219
TcCLB.506117.9	dispersed gene family protein 1 (DGF-1), putative	0,2931	0,1029
TcCLB.508857.130	hypothetical protein, conserved	0,293	0,1155
TcCLB.508543.20	protein kinase, putative	0,2929	0,004621
TcCLB.506855.150	hypothetical protein, conserved	0,2928	0,01858

TcCLB.510661.279	hypothetical protein, conserved	0,2928	0,133
TcCLB.504017.50	hypothetical protein, conserved	0,2927	0,2024
TcCLB.508153.90	hypothetical protein	0,2923	0,07636
TcCLB.509229.80	mitochondrial processing peptidase alpha subunit, putative	0,2922	0,001436
TcCLB.506247.170	ATPase, putative	0,2922	0,0144
TcCLB.510421.320	pyruvate dehydrogenase E1 beta subunit, putative	0,2922	0,01472
TcCLB.510359.220	hypothetical protein, conserved	0,2922	0,01748
TcCLB.503957.30	retrotransposon hot spot (RHS) protein, putative	0,2922	0,1077
TcCLB.507753.10	trans-sialidase, Group III, putative	0,2922	0,3655
TcCLB.506629.20	hypothetical protein, conserved	0,292	0,05852
TcCLB.511621.259	hypothetical protein, conserved	0,2918	0,1926
TcCLB.510785.20	pteridine reductase (pseudogene), putative	0,2917	0,001451
TcCLB.509717.50	hypothetical protein, conserved	0,2915	0,0006969
TcCLB.508177.30	hypothetical protein, conserved	0,2915	0,01605
TcCLB.508603.10	trans-sialidase, putative	0,2915	0,3735
TcCLB.511407.30	hypothetical protein	0,2914	0,005364
TcCLB.511817.151	histone H2A, putative	0,2913	0,5533
TcCLB.507801.70	protein kinase, putative	0,2912	0,2205
TcCLB.508279.10	trans-sialidase (pseudogene), putative	0,2911	0,3135
TcCLB.503995.50	serine peptidase, clan SC, family S9A-like protein (OPB)	0,291	0,007524
TcCLB.509171.54	hypothetical protein, conserved	0,2906	0,13
TcCLB.503973.290	mucin TcMUCII, putative	0,2906	0,6445
TcCLB.504009.60	hypothetical protein, conserved	0,2904	0,007501
TcCLB.509471.10	hypothetical protein, conserved	0,2904	0,07348
TcCLB.506211.30	intraflagellar transport protein 80, putative (IFT80)	0,2903	0,02075
TcCLB.504147.240	hypothetical protein, conserved	0,2903	0,04012
TcCLB.511585.269	retrotransposon hot spot protein (RHS, pseudogene), putative	0,2903	0,1949
TcCLB.507001.80	acyl-CoA dehydrogenase, putative	0,29	0,02947
TcCLB.510311.120	hypothetical protein	0,2899	0,1058
TcCLB.506171.35	ATP-dependent DEAD/H RNA helicase (pseudogene), putative	0,2899	0,5278
TcCLB.506183.20	dispersed gene family protein 1 (DGF-1), putative	0,2898	0,2144
TcCLB.510495.30	trans-sialidase (pseudogene), putative	0,2898	0,4649
TcCLB.506511.60	flavoprotein monooxygenase, putative	0,2895	0,003776
TcCLB.398009.10	retrotransposon hot spot protein (RHS, pseudogene), putative	0,2894	0,05757
TcCLB.506417.50	hypothetical protein, conserved	0,2894	0,1119
TcCLB.510661.244	hypothetical protein, conserved	0,2893	0,1096
TcCLB.507777.20	hypothetical protein, conserved	0,2893	0,1204
TcCLB.504033.110	hypothetical protein, conserved	0,2892	0,04471
TcCLB.503973.300	surface protease GP63 (pseudogene), putative	0,2892	0,6196
TcCLB.510281.5	mucin TcMUCII (pseudogene), putative	0,2892	0,6586
TcCLB.511035.10	surface protease GP63, putative	0,2891	0,004651
TcCLB.510659.28	hypothetical protein, conserved	0,2891	0,05365
TcCLB.505949.160	mucin TcMUCII, putative	0,2891	0,6043
TcCLB.509127.59	hypothetical protein, conserved	0,2889	0,3811
TcCLB.507069.220	mucin-associated surface protein (MASP), putative	0,2889	0,5481

TcCLB.511209.10	V-type proton ATPase subunit B, putative	0,2888	0,003939
TcCLB.508139.40	retrotransposon hot spot protein (RHS, pseudogene), putat	0,2886	0,04058
TcCLB.504149.30	hypothetical protein, conserved	0,2885	0,04335
TcCLB.506409.140	mucin TcMUCII, putative	0,2885	0,6912
TcCLB.510281.20	surface protease GP63, putative	0,2884	0,4926
TcCLB.510737.50	hypothetical protein, conserved	0,2882	0,004264
TcCLB.506669.10	hypothetical protein, conserved	0,2882	0,1656
TcCLB.508415.10	hypothetical protein, conserved (pseudogene)	0,2878	0,2288
TcCLB.508201.20	surface protease GP63 (pseudogene), putative	0,2878	0,4626
TcCLB.508873.580	mucin-associated surface protein (MASP), putative	0,2876	0,5662
TcCLB.503841.60	hypothetical protein, conserved	0,2873	0,04692
TcCLB.508539.40	hypothetical protein, conserved	0,2873	0,08279
TcCLB.506151.4	hypothetical protein, conserved (fragment)	0,2872	0,0912
TcCLB.506247.190	nuclear lim interactor-interacting factor, putative	0,287	0,3336
TcCLB.511801.14	protein kinase, putative (LDK)	0,2869	0,04232
TcCLB.511603.304	mucin TcMUCII, putative	0,2867	0,6214
TcCLB.506431.20	retrotransposon hot spot protein (RHS, pseudogene), putat	0,2866	0,02832
TcCLB.507035.75	retrotransposon hot spot protein (RHS, pseudogene), putat	0,2863	0,07101
TcCLB.511471.20	trans-sialidase (pseudogene), putative	0,2863	0,2295
TcCLB.459619.10	hypothetical protein, conserved (pseudogene)	0,2863	0,5004
TcCLB.506307.10	mucin-associated surface protein (MASP), putative	0,2863	0,6097
TcCLB.511311.7	trans-sialidase, putative (fragment)	0,2862	0,2722
TcCLB.509795.40	hypothetical protein, conserved	0,2859	0,06888
TcCLB.506151.20	hypothetical protein, conserved	0,2855	0,001046
TcCLB.503787.50	mucin TcMUCII, putative	0,2855	0,5612
TcCLB.504009.20	hypothetical protein, conserved	0,2852	0,04923
TcCLB.509029.120	ATP-dependent DNA helicase, putative	0,285	0,02585
TcCLB.485889.10	hypothetical protein, conserved	0,2848	0,007583
TcCLB.508041.80	protein transport protein Sec31, putative (pseudogene)	0,2846	0,002029
TcCLB.507623.101	surface protease GP63 (pseudogene), putative	0,2845	0,1246
TcCLB.506233.20	retrotransposon hot spot protein (RHS, pseudogene), putat	0,2845	0,4213
TcCLB.430605.29	40S ribosomal protein S3, putative	0,2844	0,00288
TcCLB.508221.502	hypothetical protein, conserved (pseudogene)	0,2843	0,4163
TcCLB.510463.190	retrotransposon hot spot (RHS) protein, putative	0,2842	0,2106
TcCLB.506637.20	hypothetical protein, conserved	0,284	0,09539
TcCLB.508309.5	trans-sialidase, putative (fragment)	0,284	0,6324
TcCLB.504069.30	60S ribosomal protein L32, putative	0,2839	0,01069
TcCLB.510015.20	mucin TcMUCII, putative	0,2839	0,5846
TcCLB.507765.80	hypothetical protein, conserved	0,2838	0,03208
TcCLB.509799.5	hypothetical protein, conserved	0,2838	0,06643
TcCLB.506409.220	hypothetical protein	0,2837	0,11
TcCLB.508169.129	Mutt-Nudix-related hydrolase 5, putative (Nudix5)	0,2837	0,1855
TcCLB.507515.30	hypothetical protein, conserved	0,2836	0,2144
TcCLB.504639.19	dispersed gene family protein 1 (DGF-1), putative (fragme	0,2836	0,292
TcCLB.509289.5	tuzin (fragment)	0,2835	0,00004416

TcCLB.509699.35	hypothetical protein, conserved (pseudogene)	0,2834	0,4119
TcCLB.507093.320	hypothetical protein, conserved	0,2831	0,0378
TcCLB.511859.50	hypothetical protein, conserved	0,2829	0,0597
TcCLB.511667.30	trans-sialidase, Group I, putative	0,2829	0,6756
TcCLB.506025.14	ribosomal protein S29, putative	0,2828	0,03787
TcCLB.506345.70	retrotransposon hot spot protein (RHS, pseudogene), putat	0,2828	0,1808
TcCLB.511277.210	peroxisomal enoyl-coa hydratase, putative	0,2826	0,002208
TcCLB.507547.40	enoyl-CoA hydratase/Enoyl-CoA isomerase/3-hydroxyacyl-(	0,2826	0,01641
TcCLB.507671.20	hypothetical protein, conserved	0,2826	0,1861
TcCLB.508539.155	mucin TcMUCII, putative	0,2825	0,5593
TcCLB.510197.220	mucin-associated surface protein (MASP, pseudogene), pu	0,2824	0,4484
TcCLB.508953.19	hypothetical protein, conserved	0,2822	0,04004
TcCLB.511559.50	hypothetical protein, conserved	0,2821	0,009528
TcCLB.510275.21	surface protease GP63 (pseudogene), putative	0,2821	0,665
TcCLB.508117.30	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	0,282	0,3289
TcCLB.509525.240	mucin-associated surface protein (MASP), putative	0,2819	0,6876
TcCLB.510971.30	trans-sialidase, Group VIII, putative	0,2818	0,4533
TcCLB.508173.219	hypothetical protein, conserved	0,2816	0,004476
TcCLB.503977.50	surface protease GP63 (pseudogene), putative	0,2816	0,6078
TcCLB.509167.30	hypothetical protein, conserved	0,2812	0,1499
TcCLB.510679.90	expression site-associated gene (ESAG-like, pseudogene),	0,2812	0,5065
TcCLB.508479.330	hypothetical protein, conserved	0,2811	0,004081
TcCLB.506737.151	surface protease GP63 (pseudogene), putative	0,281	0,1038
TcCLB.511921.100	trans-sialidase (pseudogene), putative	0,281	0,2742
TcCLB.505999.140	Metal-binding domain-containing protein	0,2809	0,06211
TcCLB.506225.20	trans-sialidase (pseudogene), putative	0,2807	0,3572
TcCLB.506529.90	puromycin-sensitive aminopeptidase-like protein, putative	0,2806	0,06903
TcCLB.508027.80	hypothetical protein, conserved	0,2805	0,008739
TcCLB.510885.20	hypothetical protein, conserved	0,2804	0,04644
TcCLB.506207.20	hypothetical protein, conserved	0,2802	0,00356
TcCLB.503751.30	hypothetical protein, conserved (pseudogene)	0,2801	0,04568
TcCLB.510329.120	Present in the outer mitochondrial membrane proteome 2i	0,2799	0,03399
TcCLB.506391.10	calmodulin (CALA2)	0,2798	0,05446
TcCLB.508737.100	ATP-dependent Clp protease subunit, heat shock protein 7	0,2795	0,004844
TcCLB.507467.90	diacylglycerol acyltransferase, putative	0,2795	0,02609
TcCLB.508577.30	retrotransposon hot spot protein (RHS, pseudogene), putat	0,2795	0,04196
TcCLB.511821.10	Cytoplasmic dynein 1 heavy chain (DYNC1H1), putative	0,2794	0,003227
TcCLB.511079.60	mucin-associated surface protein (MASP), putative	0,2794	0,633
TcCLB.506611.55	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	0,2794	0,6872
TcCLB.506135.9	heat shock 70 kDa protein, putative (fragment)	0,2793	0,002677
TcCLB.509733.140	hypothetical protein, conserved	0,2793	0,008017
TcCLB.510693.200	mucin TcMUCII, putative	0,2793	0,6244
TcCLB.506309.40	mucin-associated surface protein (MASP), putative	0,2793	0,7025
TcCLB.511421.110	developmentally regulated phosphoprotein, putative	0,2791	0,01735
TcCLB.510305.40	hypothetical protein, conserved	0,2791	0,05705

TcCLB.507675.30	hypothetical protein, conserved	0,2791	0,254
TcCLB.508139.150	hypothetical protein, conserved	0,279	0,3152
TcCLB.504081.409	mucin TcMUCII (pseudogene), putative	0,279	0,7123
TcCLB.511401.120	trans-sialidase, Group V, putative	0,2788	0,2476
TcCLB.506331.30	hypothetical protein	0,2787	0,595
TcCLB.511213.60	mucin-associated surface protein (MASP), putative	0,2786	0,2945
TcCLB.508081.110	trans-sialidase (pseudogene), putative	0,2785	0,3688
TcCLB.507991.123	hypothetical protein, conserved	0,2784	0,08895
TcCLB.504071.40	hypothetical protein	0,2779	0,1023
TcCLB.511665.30	retrotransposon hot spot protein (RHS, pseudogene), putat	0,2779	0,2176
TcCLB.503783.80	mucin-associated surface protein (MASP), putative	0,2779	0,345
TcCLB.507053.20	hypothetical protein, conserved	0,2778	0,04038
TcCLB.511907.230	hypothetical protein, conserved	0,2778	0,05815
TcCLB.511713.20	hypothetical protein, conserved	0,2777	0,03407
TcCLB.507715.34	hypothetical protein, conserved	0,2776	0,009711
TcCLB.504867.90	glycerol-3-phosphate acyltransferase, putative	0,2776	0,03223
TcCLB.508547.50	maoC-like dehydratase, putative	0,2774	0,03913
TcCLB.511865.80	hypothetical protein, conserved	0,2774	0,2429
TcCLB.506667.120	mucin-associated surface protein (MASP), putative	0,2773	0,5022
TcCLB.509937.50	hypothetical protein, conserved	0,2772	0,007745
TcCLB.508051.20	hypothetical protein, conserved	0,2772	0,01294
TcCLB.511217.60	hypothetical protein	0,2772	0,05287
TcCLB.504161.20	hypothetical protein, conserved	0,277	0,01344
TcCLB.503465.20	hypothetical protein, conserved (pseudogene)	0,277	0,1137
TcCLB.509747.50	hypothetical protein, conserved	0,2769	0,03086
TcCLB.504175.40	dual specificity protein phosphatase, putative	0,2766	0,008806
TcCLB.511269.10	hypothetical protein, conserved	0,2766	0,03078
TcCLB.508405.60	hypothetical protein, conserved	0,2765	0,03428
TcCLB.509717.20	dihydrolipoamide acetyltransferase precursor, putative	0,2763	0,002386
TcCLB.509099.160	hypothetical protein, conserved	0,2761	0,008169
TcCLB.510973.9	hypothetical protein, conserved	0,2761	0,102
TcCLB.511511.130	hypothetical protein, conserved	0,2759	0,01804
TcCLB.510377.100	mucin-associated surface protein (MASP), putative	0,2759	0,753
TcCLB.508011.30	mucin TcMUCII, putative	0,2756	0,7038
TcCLB.509733.80	hypothetical protein, conserved	0,2754	0,107
TcCLB.511143.6	protein kinase, putative (fragment)	0,2754	0,3948
TcCLB.511681.10	hypothetical protein	0,2754	0,5518
TcCLB.511395.60	serine/threonine protein kinase, putative	0,2753	0,01106
TcCLB.508445.10	rab11B GTPase, putative	0,2753	0,0466
TcCLB.509073.80	hypothetical protein, conserved	0,2752	0,0648
TcCLB.503841.70	aspartate aminotransferase, putative	0,2751	0,3103
TcCLB.511173.430	mucin-associated surface protein (MASP), putative	0,2751	0,4967
TcCLB.504151.69	hypothetical protein, conserved	0,2748	0,04178
TcCLB.511517.60	C-1-tetrahydrofolate synthase, cytoplasmic, putative	0,2746	0,04334
TcCLB.507733.10	trans-sialidase (pseudogene), putative	0,2746	0,3027

TcCLB.511821.100	hypothetical protein, conserved	0,2745	0,02831
TcCLB.508061.154	trans-sialidase, putative (fragment)	0,2744	0,2143
TcCLB.510119.40	hypothetical protein, conserved	0,2743	0,2851
TcCLB.509317.10	hypothetical protein, conserved	0,2742	0,03502
TcCLB.508815.90	hypothetical protein, conserved	0,274	0,04766
TcCLB.511807.150	hypothetical protein, conserved	0,2737	0,02867
TcCLB.503687.20	glyceraldehyde-3-phosphate dehydrogenase, putative	0,2737	0,06093
TcCLB.504035.110	hypothetical protein	0,2737	0,07003
TcCLB.508071.60	mucin-associated surface protein (MASP), putative	0,2736	0,2081
TcCLB.506769.60	mucin-associated surface protein (MASP, pseudogene), pu	0,2736	0,5741
TcCLB.510013.300	mucin TcMUCII, putative	0,2736	0,7352
TcCLB.432997.10	trans-sialidase, putative	0,2733	0,4518
TcCLB.508941.10	retrotransposon hot spot protein (RHS, pseudogene), putat	0,2733	0,609
TcCLB.510643.160	AGP2beta-2, putative	0,2732	0,01975
TcCLB.507095.30	trans-sialidase, putative (fragment)	0,2732	0,4947
TcCLB.503571.10	flagellum-adhesion glycoprotein, putative	0,2729	0,01613
TcCLB.504153.280	hypothetical protein, conserved	0,2729	0,04425
TcCLB.511675.10	trans-sialidase (pseudogene), putative	0,2729	0,0948
TcCLB.506855.170	hypothetical protein, conserved	0,2728	0,1647
TcCLB.511001.70	phosphatidylinositol-4-phosphate 5-kinase-like, putative	0,2727	0,01208
TcCLB.401661.10	trans-sialidase (pseudogene), putative	0,2727	0,06876
TcCLB.510741.110	hypothetical protein, conserved	0,2727	0,08539
TcCLB.509643.60	hypothetical protein, conserved	0,2727	0,1096
TcCLB.508059.4	hypothetical protein, conserved	0,2727	0,1642
TcCLB.511281.10	hypothetical protein, conserved	0,2726	0,1397
TcCLB.507091.30	succinate dehydrogenase subunit	0,2726	0,3321
TcCLB.439307.19	hypothetical protein, conserved	0,2726	0,5578
TcCLB.508799.250	hypothetical protein, conserved	0,2724	0,009309
TcCLB.511801.60	DEAD-box ATP-dependent RNA helicase, mitochondrial (Ml	0,2723	0,00276
TcCLB.510509.30	hypothetical protein, conserved	0,2721	0,1917
TcCLB.505193.50	hypothetical protein	0,2721	0,4501
TcCLB.506767.324	mucin TcMUCII, putative	0,2719	0,7177
TcCLB.509937.170	hypothetical protein	0,2716	0,1327
TcCLB.504209.10	conserved protein, unknown function	0,2716	0,1559
TcCLB.510073.80	hypothetical protein, conserved	0,2714	0,01408
TcCLB.506195.90	adenylate kinase 2	0,2713	0,03926
TcCLB.504159.10	hypothetical protein, conserved	0,2713	0,045
TcCLB.504427.150	oxidoreductase-like protein, putative	0,2713	0,09766
TcCLB.507959.350	mucin-associated surface protein (MASP), putative	0,2713	0,3058
TcCLB.511211.30	hypothetical protein	0,2712	0,1293
TcCLB.506883.130	hypothetical protein, conserved (pseudogene)	0,2709	0,5556
TcCLB.506679.70	eukaryotic translation initiation factor 6 (eIF-6), putative	0,2706	0,006446
TcCLB.508137.30	ubiquitin-conjugating enzyme E2, putative	0,2706	0,06795
TcCLB.506409.50	mucin TcMUCII, putative	0,2706	0,5409
TcCLB.510275.360	mucin TcMUCII (pseudogene), putative	0,2705	0,6908



TcCLB.510409.30	hypothetical protein, conserved	0,2704	0,07911
TcCLB.503479.49	U6 snRNA-associated Sm-like protein LSm7p	0,2704	0,1175
TcCLB.507519.100	hypothetical protein, conserved	0,2704	0,3533
TcCLB.506525.90	hypothetical protein, conserved	0,2703	0,06901
TcCLB.508965.90	hypothetical protein, conserved	0,2702	0,01257
TcCLB.509215.19	hypothetical protein, conserved	0,2702	0,1194
TcCLB.511717.80	DNA repair and recombination helicase protein PIF4, putat	0,2702	0,1657
TcCLB.510749.20	hypothetical protein, conserved	0,27	0,06988
TcCLB.510661.70	hypothetical protein, conserved	0,27	0,08159
TcCLB.506573.30	tyrosyl or methionyl-tRNA synthetase, putative	0,27	0,1464
TcCLB.506859.110	3'a2rel-related protein, putative	0,2698	0,2713
TcCLB.506909.46	hypothetical protein	0,2697	0,5016
TcCLB.507537.40	metacaspase, putative	0,2696	0,4267
TcCLB.511625.160	hypothetical protein	0,2695	0,4583
TcCLB.508083.5	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	0,2695	0,5662
TcCLB.506989.210	U-box domain protein, putative	0,2693	0,006209
TcCLB.509753.60	mucin-associated surface protein (MASP), putative	0,2693	0,6601
TcCLB.508175.189	hypothetical protein, conserved	0,2692	0,1234
TcCLB.509293.10	mucin TcMUCII, putative	0,2692	0,3616
TcCLB.408485.20	retrotransposon hot spot protein (RHS, pseudogene), putat	0,2687	0,316
TcCLB.508789.160	mucin TcMUCII, putative	0,2686	0,7137
TcCLB.508909.310	hypothetical protein	0,2685	0,2572
TcCLB.511603.160	mucin-associated surface protein (MASP), putative	0,2684	0,5665
TcCLB.506857.80	kinesin, putative	0,2683	0,02195
TcCLB.507675.39	hypothetical protein, conserved	0,2683	0,09376
TcCLB.503427.9	trans-sialidase, putative (fragment)	0,2683	0,4339
TcCLB.504881.14	hypothetical protein, conserved	0,2681	0,349
TcCLB.509437.100	retrotransposon hot spot protein (RHS, pseudogene), putat	0,268	0,2134
TcCLB.510005.50	dispersed gene family protein 1 (DGF-1), putative	0,268	0,2554
TcCLB.510359.80	hypothetical protein	0,268	0,2637
TcCLB.506055.40	dispersed gene family protein 1 (DGF-1), putative	0,2678	0,2453
TcCLB.506753.170	ubiquinone biosynthesis protein-like protein, putative	0,2677	0,06014
TcCLB.503399.29	hydrolase-like protein	0,2677	0,2782
TcCLB.511683.20	hypothetical protein, conserved	0,2676	0,08978
TcCLB.508075.14	hypothetical protein, conserved	0,2675	0,07228
TcCLB.503973.181	surface protease GP63 (pseudogene), putative	0,2675	0,6815
TcCLB.425311.9	hypothetical protein, conserved (fragment)	0,2674	0,04271
TcCLB.510567.10	trans-sialidase, putative (fragment)	0,2674	0,7654
TcCLB.509799.100	hypothetical protein, conserved	0,2673	0,01872
TcCLB.510759.130	hypothetical protein, conserved	0,2671	0,09702
TcCLB.510833.20	mucin-associated surface protein (MASP), putative	0,2671	0,461
TcCLB.510807.40	mucin TcMUCII, putative	0,2671	0,6851
TcCLB.509693.140	hypothetical protein, conserved	0,267	0,016
TcCLB.509721.20	hypothetical protein, conserved	0,2669	0,1085
TcCLB.506525.70	hypothetical protein, conserved	0,2668	0,008508

TcCLB.506753.70	hypothetical protein, conserved	0,2668	0,1614
TcCLB.509179.140	myo-inositol-1(or 4)-monophosphatase 1, putative	0,2667	0,242
TcCLB.506135.30	hypothetical protein, conserved	0,2666	0,08906
TcCLB.507283.39	trans-sialidase (pseudogene), putative	0,2666	0,1076
TcCLB.507873.34	hypothetical protein, conserved	0,2666	0,2965
TcCLB.506559.110	hypothetical protein	0,2665	0,04456
TcCLB.507649.70	nucleolar RNA-binding protein, putative	0,2663	0,0006132
TcCLB.509769.110	Elongator-like Protein 3b, putative	0,2663	0,0117
TcCLB.503809.40	protein kinase, putative	0,2662	0,1676
TcCLB.508161.20	trans-sialidase, Group V, putative	0,2662	0,4999
TcCLB.511819.14	small nuclear ribonucleoprotein, putative	0,2661	0,09912
TcCLB.510307.110	hypothetical protein, conserved (pseudogene)	0,266	0,01799
TcCLB.511217.20	Present in the outer mitochondrial membrane proteome 4:	0,266	0,05709
TcCLB.506599.40	hypothetical protein	0,266	0,7007
TcCLB.509419.40	trans-sialidase, Group V, putative	0,266	0,8672
TcCLB.506885.390	AMP deaminase, putative	0,2659	0,02749
TcCLB.508793.30	palmitoyl acyltransferase 8, putative	0,2658	0,272
TcCLB.460111.10	trans-sialidase, putative (fragment)	0,2658	0,7353
TcCLB.505071.130	hypothetical protein, conserved	0,2657	0,0545
TcCLB.509965.270	hypothetical protein, conserved	0,2655	0,03499
TcCLB.505939.50	hypothetical protein	0,2655	0,1019
TcCLB.509833.10	hypothetical protein, conserved	0,2655	0,1893
TcCLB.511665.110	glycine dehydrogenase [decarboxylating] (pseudogene), pu	0,2655	0,3152
TcCLB.511903.110	40S ribosomal protein S8, putative	0,2654	0,0006868
TcCLB.509455.100	hypothetical protein, conserved	0,2654	0,02273
TcCLB.510513.80	bilobe protein, conserved	0,2653	0,02903
TcCLB.503531.40	hypothetical protein, conserved	0,2652	0,2234
TcCLB.504737.10	trans-sialidase (pseudogene), putative	0,2651	0,5525
TcCLB.510715.100	mucin-associated surface protein (MASP, pseudogene), pu	0,265	0,5683
TcCLB.508265.110	hypothetical protein, conserved	0,2648	0,01361
TcCLB.508081.70	mucin-associated surface protein (MASP), putative	0,2648	0,6269
TcCLB.509085.20	retrotransposon hot spot protein (RHS, pseudogene), putat	0,2646	0,687
TcCLB.506943.80	hypothetical protein, conserved	0,2644	0,006354
TcCLB.506303.130	hypothetical protein, conserved	0,2643	0,02097
TcCLB.510407.70	hypothetical protein	0,2642	0,07916
TcCLB.509631.140	flagellar attachment zone protein, putative (FAZ1)	0,2641	0,005517
TcCLB.472777.20	hypothetical protein, conserved	0,2641	0,0462
TcCLB.509937.210	hypothetical protein, conserved	0,2639	0,03582
TcCLB.507519.170	hypothetical protein, conserved	0,2638	0,08196
TcCLB.509991.9	protein kinase, putative	0,2638	0,2348
TcCLB.471403.9	dispersed gene family protein 1 (DGF-1), putative (fragme	0,2635	0,1364
TcCLB.509683.50	calmodulin, putative	0,2632	0,1613
TcCLB.510001.59	hypothetical protein, conserved (fragment)	0,263	0,01286
TcCLB.503675.40	hypothetical protein, conserved	0,2629	0,07153
TcCLB.509599.60	hypothetical protein	0,2628	0,07506

TcCLB.510973.30	40S ribosomal protein S13, putative	0,2626	0,0004636
TcCLB.510879.50	regulatory subunit of protein kinase a-like protein, putative	0,2626	0,002694
TcCLB.509767.220	hypothetical protein, conserved	0,2625	0,01514
TcCLB.504635.20	hypothetical protein, conserved	0,2624	0,1364
TcCLB.507897.2	hypothetical protein, conserved	0,2624	0,1468
TcCLB.510697.130	mucin-associated surface protein (MASP), putative	0,2624	0,6223
TcCLB.510359.260	mitochondrial import inner membrane translocase subunit	0,2622	0,08182
TcCLB.508325.340	glycine dehydrogenase [decarboxylating] (pseudogene), pu	0,2622	0,08343
TcCLB.506733.130	hypothetical protein, conserved	0,262	0,02379
TcCLB.509669.75	hypothetical protein	0,262	0,1656
TcCLB.511027.20	hypothetical protein, conserved	0,2618	0,09514
TcCLB.503973.320	mucin TcMUCII, putative	0,2616	0,7457
TcCLB.511735.40	hypothetical protein, conserved	0,2614	0,2565
TcCLB.511173.64	mucin-associated surface protein (MASP), putative	0,2613	0,7972
TcCLB.509461.60	mitochondrial RNA binding protein, putative	0,2612	0,005054
TcCLB.509505.20	hypothetical protein, conserved	0,2612	0,04554
TcCLB.504213.50	hypothetical protein, conserved	0,2611	0,2218
TcCLB.509937.20	hypothetical protein, conserved	0,2606	0,002881
TcCLB.508723.59	hypothetical protein, conserved	0,2604	0,1029
TcCLB.510921.30	mucin-associated surface protein (MASP), putative	0,2602	0,5383
TcCLB.507959.140	mucin TcMUCII, putative	0,2602	0,8251
TcCLB.507053.60	hypothetical protein, conserved	0,2599	0,02414
TcCLB.506559.290	hypothetical protein, conserved	0,2597	0,02659
TcCLB.507711.250	hypothetical protein, conserved	0,2597	0,02879
TcCLB.511115.30	hypothetical protein, conserved	0,2596	0,05187
TcCLB.507041.100	ATP-dependent protease binding subunit (pseudogene), pu	0,2596	0,08462
TcCLB.510659.110	hypothetical protein, conserved	0,2595	0,04308
TcCLB.507035.20	retrotransposon hot spot protein (RHS, pseudogene), putat	0,2595	0,06361
TcCLB.506667.110	trans-sialidase (pseudogene), putative	0,2594	0,4177
TcCLB.506339.40	mucin-associated surface protein (MASP), putative	0,259	0,5998
TcCLB.508465.130	hypothetical protein, conserved	0,2587	0,03056
TcCLB.479721.10	hypothetical protein, conserved (pseudogene)	0,2584	0,6654
TcCLB.509419.90	trans-sialidase, Group V, putative	0,2583	0,8011
TcCLB.508637.66	hypothetical protein, conserved	0,2582	0,09921
TcCLB.509157.170	trans-sialidase, Group VIII, putative	0,2581	0,7477
TcCLB.510531.10	hypothetical protein, conserved	0,2578	0,01136
TcCLB.506435.190	hypothetical protein, conserved	0,2578	0,1977
TcCLB.509211.39	hypothetical protein, conserved (fragment)	0,2577	0,09824
TcCLB.509965.20	hypothetical protein	0,2576	0,1457
TcCLB.508175.264	hypothetical protein, conserved (pseudogene)	0,2576	0,2438
TcCLB.506227.200	hypothetical protein	0,2574	0,06842
TcCLB.506245.270	mucin-associated surface protein (MASP), putative	0,2574	0,5213
TcCLB.510025.180	mucin-associated surface protein (MASP), putative	0,2574	0,5284
TcCLB.510647.10	hypothetical protein, conserved	0,2572	0,1933
TcCLB.423707.10	trans-sialidase, putative (fragment)	0,2572	0,652

TcCLB.509733.95	hypothetical protein	0,2571	0,05694
TcCLB.511649.30	hypothetical protein, conserved	0,2566	0,1012
TcCLB.508519.20	retrotransposon hot spot protein (RHS, pseudogene), putat	0,2565	0,08039
TcCLB.506599.330	mucin-associated surface protein (MASP), putative	0,2565	0,4696
TcCLB.510241.70	heat shock protein, putative	0,2564	0,1184
TcCLB.508389.160	trans-sialidase (pseudogene), putative	0,2564	0,4626
TcCLB.509971.90	trans-sialidase, putative (fragment)	0,2563	0,5982
TcCLB.508999.127	mucin-associated surface protein (MASP, pseudogene), pu	0,2563	0,6015
TcCLB.510661.110	Present in the outer mitochondrial membrane proteome 7	0,2562	0,02634
TcCLB.510729.60	hypothetical protein, conserved	0,256	0,2808
TcCLB.508515.30	RNA-binding protein 38, putative (RBP38)	0,2559	0,001136
TcCLB.503685.20	hypothetical protein, conserved	0,2559	0,17
TcCLB.511345.30	trans-sialidase (pseudogene), putative	0,2559	0,2515
TcCLB.506247.180	hypothetical protein, conserved	0,2558	0,01646
TcCLB.444777.20	hypothetical protein, conserved	0,2558	0,07484
TcCLB.510999.19	hypothetical protein, conserved	0,2558	0,1877
TcCLB.508527.20	retrotransposon hot spot protein (RHS, pseudogene), putat	0,2557	0,01187
TcCLB.508637.10	trans-sialidase, Group III, putative	0,2557	0,5744
TcCLB.508029.50	kinesin-like protein, putative	0,2556	0,176
TcCLB.506961.40	retrotransposon hot spot protein (RHS, pseudogene), putat	0,2555	0,0344
TcCLB.506559.50	hypothetical protein, conserved	0,2553	0,04449
TcCLB.506493.100	hypothetical protein, conserved	0,2553	0,1227
TcCLB.509999.10	hypothetical protein, conserved	0,2551	0,1138
TcCLB.508193.15	trans-sialidase (pseudogene), putative	0,255	0,02815
TcCLB.506579.40	hypothetical protein, conserved	0,2548	0,001576
TcCLB.511849.50	surface protease GP63 (pseudogene), putative	0,2548	0,2158
TcCLB.442383.9	40S ribosomal protein SA, putative	0,2547	0,01082
TcCLB.510719.230	hypothetical protein, conserved	0,2547	0,02894
TcCLB.503823.90	hypothetical protein, conserved	0,2547	0,04917
TcCLB.508245.40	mucin-associated surface protein (MASP), putative	0,2547	0,5272
TcCLB.506941.139	zinc finger protein, putative	0,2546	0,03654
TcCLB.506393.90	dispersed gene family protein 1 (DGF-1), putative	0,2546	0,113
TcCLB.510885.100	hypothetical protein, conserved	0,2545	0,1067
TcCLB.508521.70	mucin-associated surface protein (MASP, pseudogene), pu	0,2545	0,3671
TcCLB.511871.20	hypothetical protein, conserved	0,2543	0,09672
TcCLB.509429.10	trans-sialidase (pseudogene), putative	0,2543	0,2225
TcCLB.511089.19	mucin-associated surface protein (MASP), putative	0,2542	0,7086
TcCLB.506477.14	hypothetical protein, conserved	0,254	0,1368
TcCLB.507681.40	hypothetical protein	0,2539	0,06199
TcCLB.508175.30	hypothetical protein, conserved	0,2539	0,1592
TcCLB.507915.5	glutaminyl-tRNA synthetase, putative	0,2539	0,626
TcCLB.504587.10	surface protease GP63 (pseudogene), putative	0,2538	0,5562
TcCLB.509999.20	hypothetical protein, conserved	0,2537	0,09408
TcCLB.507551.9	dispersed gene family protein 1 (DGF-1), putative	0,2537	0,1032
TcCLB.511733.70	hypothetical protein, conserved	0,2536	0,1916

TcCLB.508397.79	hypothetical protein, conserved	0,2536	0,4563
TcCLB.511577.170	hypothetical protein, conserved (pseudogene)	0,2535	0,09297
TcCLB.507899.5	trans-sialidase (pseudogene), putative	0,2533	0,09291
TcCLB.507467.104	hypothetical protein, conserved	0,2533	0,2851
TcCLB.511267.20	hypothetical protein, conserved	0,2533	0,338
TcCLB.506597.30	mucin TcMUCII, putative	0,2533	0,7161
TcCLB.503409.10	hypothetical protein, conserved	0,2531	0,1739
TcCLB.504069.4	hypothetical protein, conserved (fragment)	0,2529	0,1509
TcCLB.510247.20	casein kinase I, putative	0,2529	0,4795
TcCLB.509791.30	hypothetical protein, conserved	0,2527	0,02743
TcCLB.506227.170	hypothetical protein, conserved	0,2526	0,1912
TcCLB.511255.430	trans-sialidase (pseudogene), putative	0,2524	0,5393
TcCLB.509777.64	ADG1-like protein, putative	0,2523	0,1887
TcCLB.510761.44	cyclophilin-like protein, putative	0,2522	0,008382
TcCLB.479883.10	hypothetical protein, conserved	0,2521	0,1858
TcCLB.506267.10	mucin-associated surface protein (MASP), putative	0,2519	0,765
TcCLB.510797.20	hypothetical protein, conserved	0,2517	0,2144
TcCLB.503525.10	hypothetical protein, conserved	0,2516	0,07529
TcCLB.511755.24	hypothetical protein, conserved (pseudogene)	0,2515	0,2594
TcCLB.510465.24	mucin-associated surface protein (MASP, pseudogene), pu	0,2515	0,7651
TcCLB.510359.330	hypothetical protein, conserved	0,2512	0,04599
TcCLB.509919.9	dispersed gene family protein 1 (DGF-1), putative (fragme	0,2512	0,1725
TcCLB.509047.14	hypothetical protein, conserved	0,2511	0,1418
TcCLB.506129.80	retrotransposon hot spot protein (RHS, pseudogene), putat	0,251	0,1418
TcCLB.503913.29	hypothetical protein, conserved	0,251	0,3865
TcCLB.508433.210	mucin TcMUCII (pseudogene), putative	0,2509	0,6334
TcCLB.507517.40	hypothetical protein, conserved	0,2507	0,0196
TcCLB.504817.20	hypothetical protein, conserved	0,2507	0,09529
TcCLB.508837.170	hypothetical protein, conserved	0,2506	0,03239
TcCLB.508277.100	cAMP specific phosphodiesterase, putative	0,2506	0,1319
TcCLB.508197.39	60S ribosomal protein L11, putative	0,2503	0,06323
TcCLB.510377.370	mucin TcMUCII, putative	0,2503	0,6106
TcCLB.510265.80	hypothetical protein, conserved	0,2502	0,04108
TcCLB.509455.40	hypothetical protein, conserved	0,2502	0,08247
TcCLB.504131.60	hypothetical protein, conserved	0,2501	0,06003
TcCLB.506685.30	thymidylate kinase, putative	0,2501	0,139
TcCLB.507637.170	surface protease GP63, putative	0,2501	0,4106
TcCLB.511289.70	Mitochondrial ADP/ATP carrier protein 5, putative (MCP5)	0,25	0,004926
TcCLB.508213.49	hypothetical protein, conserved	0,25	0,277
TcCLB.509717.60	metallo-peptidase, Clan MA(E) Family M41	0,2497	0,02427
TcCLB.504085.50	ATP-dependent DEAD/H RNA helicase, putative	0,2497	0,05511
TcCLB.506045.11	retrotransposon hot spot protein (RHS, pseudogene), putat	0,2497	0,2219
TcCLB.503397.10	retrotransposon hot spot protein (RHS, pseudogene), putat	0,2496	0,04848
TcCLB.510391.30	mucin TcMUCII, putative	0,2496	0,6098
TcCLB.511697.40	hypothetical protein, conserved (pseudogene)	0,2494	0,2154

TcCLB.511367.170	vacuolar protein sorting-associated protein 35, putative	0,2493	0,004168
TcCLB.511307.3	membrane transporter protein, putative (fragment)	0,2492	0,2004
TcCLB.510611.30	kinesin, putative	0,2491	0,02491
TcCLB.511797.110	trans-sialidase, Group V, putative	0,249	0,3843
TcCLB.510355.200	hypothetical protein, conserved	0,2489	0,1486
TcCLB.510689.80	hypothetical protein, conserved	0,2488	0,2115
TcCLB.506955.244	mucin-associated surface protein (MASP), putative	0,2488	0,5471
TcCLB.506529.400	hypothetical protein, conserved	0,2487	0,1516
TcCLB.511211.240	hypothetical protein, conserved	0,2487	0,1608
TcCLB.508429.10	hypothetical protein	0,2487	0,5892
TcCLB.509977.61	surface protease GP63 (pseudogene), putative	0,2486	0,3202
TcCLB.504153.340	hypothetical protein, conserved	0,2482	0,04479
TcCLB.509979.281	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	0,2481	0,3819
TcCLB.508999.134	mucin TcMUCII, putative	0,248	0,6511
TcCLB.504017.10	Nascent polypeptide-associated complex subunit beta, put	0,2478	0,03016
TcCLB.506649.60	hypothetical protein, conserved	0,2477	0,04007
TcCLB.503995.10	Present in the outer mitochondrial membrane proteome 1'	0,2476	0,1611
TcCLB.510693.260	trans-sialidase (pseudogene), putative	0,2476	0,596
TcCLB.510099.50	hypothetical protein, conserved	0,2475	0,08465
TcCLB.504087.10	hypothetical protein, conserved	0,2475	0,5078
TcCLB.510363.80	mucin-associated surface protein (MASP), putative	0,2475	0,7462
TcCLB.510285.60	ubiquinone biosynthesis methyltransferase, putative	0,2474	0,03744
TcCLB.510431.140	dual-specificity protein kinase, putative	0,2473	0,02455
TcCLB.504137.50	hypothetical protein, conserved	0,2472	0,1558
TcCLB.506559.420	dolichyl-P-Man:GDP-Man1GlcNAc2-PP-dolichyl alpha-1,3-n	0,2471	0,001976
TcCLB.511253.31	kinesin-like protein, putative (fragment)	0,2471	0,6453
TcCLB.510877.190	hypothetical protein, conserved	0,247	0,3746
TcCLB.509231.26	hypothetical protein, conserved	0,2468	0,07584
TcCLB.509749.10	Biotin--acetyl-CoA-carboxylase ligase, putative	0,2468	0,08195
TcCLB.509777.10	hypothetical protein	0,2468	0,4767
TcCLB.509897.124	mucin-associated surface protein (MASP, pseudogene), pu	0,2467	0,4222
TcCLB.507993.280	hypothetical protein, conserved	0,2466	0,0253
TcCLB.504175.20	hypothetical protein, conserved	0,2466	0,1836
TcCLB.510129.20	surface glycoprotein, putative	0,2465	0,04258
TcCLB.507007.76	receptor protein kinase, putative	0,2465	0,2118
TcCLB.506525.120	hypothetical protein, conserved	0,2465	0,3742
TcCLB.508523.80	cAMP response protein 1 (CARP1)	0,2461	0,1455
TcCLB.510239.70	mucin-associated surface protein (MASP), putative	0,246	0,5489
TcCLB.506309.140	mucin-associated surface protein (MASP), putative	0,2458	0,8266
TcCLB.510291.20	hypothetical protein, conserved	0,2457	0,1058
TcCLB.508153.490	peptidyl-prolyl cis-trans isomerase NIMA-interacting 4, put	0,2457	0,3091
TcCLB.503789.20	hypothetical protein, conserved	0,2456	0,03384
TcCLB.506203.25	hypothetical protein	0,2456	0,06537
TcCLB.506939.180	mucin-associated surface protein (MASP), putative	0,2456	0,4563
TcCLB.508247.50	mucin-associated surface protein (MASP, pseudogene), pu	0,2456	0,6318

TcCLB.506727.110	hypothetical protein, conserved	0,2455	0,06178
TcCLB.508781.70	palmitoyl acyltransferase 3, putative	0,2454	0,07549
TcCLB.509595.44	hypothetical protein, conserved	0,2454	0,1751
TcCLB.511771.171	hypothetical protein	0,2454	0,5365
TcCLB.510889.190	hypothetical protein, conserved	0,2453	0,07782
TcCLB.503999.10	squalene monooxygenase, putative	0,245	0,01399
TcCLB.421057.10	adrenodoxin precursor, putative	0,2449	0,2927
TcCLB.510165.110	retrotransposon hot spot (RHS) protein, putative	0,2448	0,1856
TcCLB.504105.87	hypothetical protein, conserved	0,2445	0,2051
TcCLB.506581.4	hypothetical protein, conserved	0,2445	0,5329
TcCLB.507803.30	hypothetical protein	0,2444	0,07218
TcCLB.508385.40	dual specificity protein phosphatase, putative	0,2444	0,137
TcCLB.508673.20	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, p	0,2444	0,2441
TcCLB.506223.80	Metalloprotease M41 FtsH, putative	0,2443	0,02247
TcCLB.509429.270	proteasome regulatory ATPase subunit 3, putative	0,2442	0,01527
TcCLB.508529.40	trans-sialidase (pseudogene), putative	0,2442	0,1078
TcCLB.508187.20	hypothetical protein (pseudogene)	0,2442	0,3957
TcCLB.503827.5	mucin-associated surface protein (MASP), putative	0,2442	0,781
TcCLB.506705.50	hypothetical protein	0,2441	0,02614
TcCLB.510101.160	hypothetical protein, conserved	0,2441	0,1765
TcCLB.511587.75	hypothetical protein	0,2438	0,5879
TcCLB.511569.14	dispersed gene family protein 1 (DGF-1), putative	0,2437	0,2782
TcCLB.503669.10	hypothetical protein, conserved	0,2436	0,02949
TcCLB.509221.50	trans-sialidase (pseudogene), putative	0,2436	0,2831
TcCLB.506871.40	hypothetical protein, conserved	0,2434	0,06523
TcCLB.510943.206	trans-sialidase, putative	0,2434	0,8227
TcCLB.508881.140	hypothetical protein	0,2433	0,03547
TcCLB.508573.39	dispersed gene family protein 1 (DGF-1), putative	0,2433	0,2756
TcCLB.506157.40	trans-sialidase, putative	0,2432	0,5283
TcCLB.507709.50	60S ribosomal protein L6, putative	0,2428	0,004541
TcCLB.507483.50	calmodulin (CALA2)	0,2427	0,3425
TcCLB.476725.9	dispersed gene family protein 1 (DGF-1), putative (fragme	0,2427	0,4398
TcCLB.508047.70	mucin-associated surface protein (MASP), putative	0,2427	0,469
TcCLB.508441.50	hypothetical protein, conserved	0,2426	0,327
TcCLB.507049.140	hypothetical protein, conserved	0,2425	0,03021
TcCLB.505807.220	ribosomal RNA adenine dimethylase family protein, putati	0,2424	0,04767
TcCLB.506635.40	hypothetical protein, conserved	0,2424	0,09126
TcCLB.506417.20	hypothetical protein, conserved	0,2424	0,3951
TcCLB.506777.60	NGG1 interacting factor 3, putative	0,2422	0,2183
TcCLB.510289.44	hypothetical protein, conserved	0,2422	0,2754
TcCLB.506599.400	trans-sialidase (pseudogene), putative	0,2422	0,7362
TcCLB.511285.100	hypothetical protein	0,2421	0,05645
TcCLB.509805.140	hypothetical protein	0,2421	0,09147
TcCLB.510165.20	DNA repair protein, putative	0,2421	0,09413
TcCLB.511071.171	60S ribosomal protein L12, putative	0,2419	0,001256

TcCLB.509365.50	hypothetical protein, conserved	0,2419	0,6253
TcCLB.507081.80	hypothetical protein, conserved	0,2418	0,05437
TcCLB.506619.49	ras-related protein Rab21, putative	0,2418	0,075
TcCLB.511181.20	hypothetical protein, conserved	0,2417	0,07569
TcCLB.507521.44	hypothetical protein, conserved	0,2416	0,3326
TcCLB.510879.210	hypothetical protein, conserved	0,2415	0,1281
TcCLB.507071.180	mucin-associated surface protein (MASP), putative	0,2414	0,4916
TcCLB.507791.20	N-acetyltransferase complex ARD1 subunit (pseudogene),	0,2413	0,5838
TcCLB.506945.10	hypothetical protein, conserved	0,241	0,2166
TcCLB.506949.30	hypothetical protein, conserved	0,2409	0,5008
TcCLB.509835.10	hypothetical protein, conserved	0,2408	0,5685
TcCLB.505949.169	mucin-associated surface protein (MASP), putative (fragm	0,2408	0,7373
TcCLB.511391.110	histone-lysine N-methyltransferase, putative (DOT1A)	0,2406	0,03114
TcCLB.506413.40	hypothetical protein, conserved	0,2405	0,224
TcCLB.509819.30	septum formation inhibitor, Maf-like protein, putative	0,2402	0,2123
TcCLB.505965.50	phosphonopyruvate decarboxylase, putative	0,2401	0,0506
TcCLB.510621.30	mucin TcMUCII, putative	0,2401	0,7334
TcCLB.506727.50	hypothetical protein, conserved	0,2399	0,04873
TcCLB.508487.20	dispersed gene family protein 1 (DGF-1, pseudogene), puta	0,2399	0,3491
TcCLB.504061.10	retrotransposon hot spot protein (RHS, pseudogene), putat	0,2398	0,0887
TcCLB.510089.160	hypothetical protein, conserved (pseudogene)	0,2395	0,0147
TcCLB.508461.60	synaptojanin (N-terminal domain), putative	0,2393	0,06929
TcCLB.508461.100	Bardet-Biedl syndrome 1 protein homolog (BBS1-like prote	0,2393	0,06973
TcCLB.507809.110	hypothetical protein, conserved	0,239	0,04097
TcCLB.511305.40	hypothetical protein, conserved	0,239	0,2086
TcCLB.511595.30	mucin-associated surface protein (MASP), putative	0,2389	0,6017
TcCLB.508707.100	hypothetical protein, conserved	0,2387	0,0259
TcCLB.503757.30	hypothetical protein, conserved	0,2386	0,1499
TcCLB.506635.10	hypothetical protein (pseudogene)	0,2386	0,2814
TcCLB.511173.309	mucin-associated surface protein (MASP, pseudogene), pu	0,2385	0,6935
TcCLB.508175.230	hypothetical protein, conserved	0,2383	0,06995
TcCLB.510543.80	hypothetical protein	0,2382	0,5133
TcCLB.508445.90	hypothetical protein, conserved	0,2381	0,08312
TcCLB.508181.124	hypothetical protein, conserved	0,2379	0,08668
TcCLB.511135.20	hypothetical protein, conserved	0,2378	0,005842
TcCLB.511907.320	hypothetical protein, conserved	0,2378	0,07059
TcCLB.509903.10	dispersed gene family protein 1 (DGF-1, pseudogene), puta	0,2378	0,1413
TcCLB.511245.240	serine/threonine protein kinase, putative	0,2378	0,2706
TcCLB.508479.500	retrotransposon hot spot (RHS) protein, putative	0,2377	0,0181
TcCLB.509251.30	trans-sialidase (pseudogene), putative	0,2377	0,3885
TcCLB.506155.20	hypothetical protein, conserved	0,2376	0,0502
TcCLB.511729.9	calmodulin, putative	0,2375	0,2756
TcCLB.506767.10	hypothetical protein, conserved (pseudogene)	0,2374	0,7212
TcCLB.511661.60	hypothetical protein, conserved	0,2373	0,1094
TcCLB.509769.130	DNA polymerase zeta catalytic subunit, putative	0,2372	0,004931



TcCLB.503899.50	RNA-editing complex protein MP100, putative	0,2372	0,02714
TcCLB.433061.10	hypothetical protein	0,2372	0,7219
TcCLB.506721.20	radial spoke protein 3, putative (RSP3)	0,2371	0,04915
TcCLB.506047.10	hypothetical protein, conserved (pseudogene)	0,237	0,4399
TcCLB.509993.31	mucin-associated surface protein (MASP, pseudogene), pu	0,2369	0,5482
TcCLB.506799.130	mucin-associated surface protein (MASP), putative	0,2368	0,3505
TcCLB.508789.120	trans-sialidase, Group VI, putative	0,2368	0,4554
TcCLB.508165.185	mucin TcMUCII (pseudogene), putative	0,2368	0,8348
TcCLB.509913.10	3-methylcrotonyl-CoA carboxylase, putative	0,2367	0,05903
TcCLB.405179.10	dynein heavy chain, putative (fragment)	0,2367	0,1918
TcCLB.503491.29	surface protease GP63 (pseudogene), putative	0,2366	0,7236
TcCLB.508325.90	hypothetical protein	0,2365	0,4709
TcCLB.510213.80	mucin TcMUCII, putative	0,2365	0,7163
TcCLB.510279.240	hypothetical protein	0,2364	0,4653
TcCLB.508411.40	hypothetical protein, conserved	0,2363	0,0993
TcCLB.506247.380	hypothetical protein, conserved	0,2362	0,09435
TcCLB.508523.10	retrotransposon hot spot protein (RHS, pseudogene), putat	0,2362	0,209
TcCLB.509047.10	hypothetical protein	0,2361	0,07059
TcCLB.509025.29	DNA photolyase, putative	0,236	0,2288
TcCLB.509701.10	trifunctional enzyme alpha subunit, mitochondrial precursc	0,2359	0,02497
TcCLB.507927.90	hypothetical protein, conserved	0,2359	0,2462
TcCLB.507623.110	surface protease GP63, putative	0,2358	0,09513
TcCLB.511021.70	ABC transporter of the mitochondrion, putative	0,2357	0,07915
TcCLB.510065.60	hypothetical protein, conserved	0,2357	0,223
TcCLB.506133.130	trans-sialidase, Group V, putative	0,2356	0,5414
TcCLB.503717.130	trans-sialidase (pseudogene), putative	0,2356	0,578
TcCLB.509229.40	hypothetical protein, conserved	0,2355	0,04032
TcCLB.507179.20	dispersed gene family protein 1 (DGF-1), putative	0,2355	0,1867
TcCLB.508739.60	histone H4, putative	0,2355	0,2454
TcCLB.504099.40	retrotransposon hot spot protein (RHS, pseudogene), putat	0,2355	0,4766
TcCLB.508461.146	hypothetical protein, conserved	0,2354	0,08531
TcCLB.506513.120	hypothetical protein, conserved	0,2353	0,08002
TcCLB.508737.130	hypothetical protein, conserved	0,2353	0,247
TcCLB.508457.30	lipoic acid containing carrier protein, putative (GCVH)	0,2352	0,07619
TcCLB.511571.49	nucleoside phosphatase, putative	0,2351	0,0109
TcCLB.507515.80	hypothetical protein, conserved	0,2351	0,135
TcCLB.503981.40	DnaJ chaperone protein, putative	0,235	0,007047
TcCLB.506591.20	U-box domain protein, putative	0,235	0,02268
TcCLB.508777.70	hypothetical protein, conserved	0,235	0,1507
TcCLB.506839.30	hypothetical protein, conserved	0,2349	0,08761
TcCLB.506067.300	trans-sialidase, Group V, putative	0,2349	0,3743
TcCLB.510433.20	surface protein TolT, putative	0,2348	0,1468
TcCLB.511545.110	hypothetical protein	0,2347	0,2103
TcCLB.473313.10	mucin-associated surface protein (MASP), putative (fragm	0,2345	0,3626
TcCLB.510015.10	hypothetical protein	0,2345	0,6863

TcCLB.506223.110	hypothetical protein, conserved	0,2344	0,04178
TcCLB.506275.40	hypothetical protein, conserved	0,2343	0,07161
TcCLB.508235.30	mucin TcMUCI, putative	0,2343	0,3528
TcCLB.510101.10	protein transport protein Sec31, putative (pseudogene)	0,2342	0,1531
TcCLB.511019.60	hypothetical protein, conserved (pseudogene)	0,2342	0,1574
TcCLB.511213.15	mucin-associated surface protein (MASP), putative	0,2342	0,5384
TcCLB.503891.54	nucleolar RNA-binding protein, putative	0,2341	0,1945
TcCLB.508207.170	hypothetical protein	0,234	0,07897
TcCLB.510101.230	ATPase (pseudogene), putative	0,2339	0,01247
TcCLB.510187.310	hypothetical protein, conserved	0,2338	0,04917
TcCLB.508069.5	trans-sialidase, putative (fragment)	0,2338	0,5673
TcCLB.503855.20	spermidine synthase, putative	0,2337	0,0304
TcCLB.509721.70	hypothetical protein, conserved	0,2337	0,1531
TcCLB.506445.10	actin-like protein, putative	0,2337	0,2225
TcCLB.511015.10	mannosyl-oligosaccharide glucosidase, putative	0,2336	0,226
TcCLB.508211.40	hypothetical protein, conserved	0,2335	0,07213
TcCLB.511887.45	hypothetical protein, conserved (pseudogene)	0,2335	0,6873
TcCLB.511509.30	protein kinase, putative	0,2334	0,09087
TcCLB.509753.310	mucin-associated surface protein (MASP), putative	0,2334	0,5641
TcCLB.503823.160	ubiquinone biosynthesis methyltransferase, putative	0,2333	0,07978
TcCLB.509979.110	hypothetical protein, conserved	0,2333	0,2051
TcCLB.508479.5	glycine dehydrogenase (pseudogene), putative	0,233	0,5378
TcCLB.511771.199	hypothetical protein	0,233	0,6969
TcCLB.510663.30	60S ribosomal subunit protein L31, putative	0,2328	0,007546
TcCLB.511903.40	3-hydroxy-3-methylglutaryl-CoA synthase, putative (HMGS)	0,2328	0,008888
TcCLB.510407.40	hypothetical protein, conserved	0,2328	0,09448
TcCLB.510749.60	hypothetical protein, conserved	0,2328	0,1545
TcCLB.510609.90	hypothetical protein, conserved	0,2325	0,0486
TcCLB.507513.40	hypothetical protein, conserved	0,2325	0,2575
TcCLB.509167.160	hypothetical protein	0,2322	0,04773
TcCLB.507213.10	hypothetical protein, conserved	0,2321	0,04503
TcCLB.508851.50	hypothetical protein, conserved	0,2321	0,09905
TcCLB.508081.60	hypothetical protein	0,2321	0,645
TcCLB.507993.230	hypothetical protein, conserved (pseudogene)	0,232	0,8206
TcCLB.507035.70	hypothetical protein	0,2319	0,3763
TcCLB.506605.194	hypothetical protein, conserved	0,2318	0,1766
TcCLB.508411.80	hypothetical protein, conserved	0,2316	0,1458
TcCLB.503805.20	hypothetical protein, conserved	0,2316	0,1853
TcCLB.508433.200	trans-sialidase (pseudogene), putative	0,2315	0,545
TcCLB.506563.90	calpain-like cysteine peptidase (pseudogene), putative	0,2313	0,2724
TcCLB.482971.9	dispersed gene family protein 1 (DGF-1), putative (fragme	0,2313	0,6349
TcCLB.511879.9	hypothetical protein, conserved	0,2311	0,05115
TcCLB.510823.70	60S acidic ribosomal protein, putative	0,2309	0,05512
TcCLB.511451.80	trans-sialidase, Group V, putative	0,2307	0,2575
TcCLB.507061.20	ribosomal protein L2, putative	0,2306	0,05626

TcCLB.510303.290	acyl-CoA dehydrogenase, putative	0,2306	0,09538
TcCLB.510595.40	hypothetical protein, conserved	0,2305	0,1589
TcCLB.503643.3	60S ribosomal protein L4, putative (fragment)	0,2302	0,008832
TcCLB.506885.420	hypothetical protein	0,2301	0,2615
TcCLB.510655.159	hypothetical protein, conserved	0,2301	0,4107
TcCLB.508129.9	adenosine monophosphate deaminase, putative (fragment)	0,2299	0,0953
TcCLB.508917.40	hypothetical protein, conserved	0,2297	0,08887
TcCLB.506435.100	hypothetical protein, conserved	0,2297	0,3066
TcCLB.503829.40	hypothetical protein, conserved	0,2294	0,04146
TcCLB.508711.20	hypothetical protein, conserved	0,2294	0,05869
TcCLB.511389.70	hypothetical protein, conserved	0,2294	0,06891
TcCLB.506471.50	trans-sialidase (pseudogene), putative	0,2293	0,1251
TcCLB.511507.50	mannosyltransferase, putative	0,2293	0,1352
TcCLB.511417.60	hypothetical protein, conserved	0,2293	0,1696
TcCLB.509695.60	hypothetical protein, conserved	0,2293	0,1702
TcCLB.510089.219	diacylglycerol acyltransferase, putative	0,2293	0,2329
TcCLB.511663.19	dispersed gene family protein 1 (DGF-1), putative (fragme	0,2292	0,3818
TcCLB.508347.20	O-6 methyl-guanine alkyl transferase, putative	0,2291	0,2337
TcCLB.503973.255	hypothetical protein, conserved (pseudogene)	0,2291	0,679
TcCLB.509867.70	trans-sialidase, Group VI, putative	0,229	0,6343
TcCLB.506389.39	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	0,2289	0,0722
TcCLB.506389.79	calmodulin, putative	0,2289	0,7875
TcCLB.506167.9	hypothetical protein, conserved	0,2288	0,02015
TcCLB.507017.70	ribosomal RNA adenine dimethylase family protein, putati	0,2288	0,06127
TcCLB.511071.80	hypothetical protein, conserved	0,2288	0,2799
TcCLB.510119.20	elongation factor 1-alpha, putative	0,2287	0,006895
TcCLB.508525.10	hypothetical protein, conserved	0,2287	0,1916
TcCLB.505989.100	hypothetical protein, conserved	0,2286	0,2048
TcCLB.509161.100	hypothetical protein, conserved	0,2285	0,05822
TcCLB.509901.170	apurinic/aprimidinic endonuclease (TCAP)	0,2285	0,1034
TcCLB.507957.90	mucin TcMUCII, putative	0,2285	0,6584
TcCLB.508909.30	hypothetical protein, conserved	0,2283	0,09166
TcCLB.507831.70	pyruvate dehydrogenase E1 component alpha subunit, puta	0,2282	0,09024
TcCLB.508957.40	hypothetical protein, conserved (pseudogene)	0,2281	0,02714
TcCLB.503747.20	hypothetical protein	0,2281	0,3122
TcCLB.507523.70	trans-sialidase, Group V, putative	0,2281	0,5653
TcCLB.510799.70	hypothetical protein, conserved	0,228	0,08711
TcCLB.509877.50	glycosomal membrane protein, putative	0,228	0,2425
TcCLB.506679.130	hypothetical protein, conserved	0,2279	0,1119
TcCLB.506529.530	Present in the outer mitochondrial membrane proteome 1:	0,2279	0,2899
TcCLB.509905.190	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	0,2279	0,5184
TcCLB.506125.30	phosphoglycerate kinase, putative	0,2278	0,1692
TcCLB.511499.69	hypothetical protein (fragment)	0,2277	0,3183
TcCLB.506211.190	hypothetical protein, conserved	0,2276	0,03235
TcCLB.509717.100	membrane-bound acid phosphatase 2, putative	0,2276	0,05259

TcCLB.511179.130	hypothetical protein, conserved	0,2276	0,1109
TcCLB.509543.50	DNAK protein, putative	0,2275	0,02498
TcCLB.508397.20	hypothetical protein, conserved	0,2275	0,2734
TcCLB.508221.650	trans-sialidase, Group V, putative	0,2274	0,5244
TcCLB.507927.100	hypothetical protein	0,2273	0,02442
TcCLB.507049.179	hypothetical protein, conserved	0,2273	0,06231
TcCLB.506301.30	hypothetical protein, conserved	0,2272	0,01999
TcCLB.506337.10	vacuolar protein sorting-associated protein-like, putative	0,2272	0,08586
TcCLB.508813.70	hypothetical protein, conserved	0,2272	0,1016
TcCLB.508165.14	trans-sialidase, putative (fragment)	0,2272	0,7374
TcCLB.504033.160	hypothetical protein	0,227	0,107
TcCLB.506821.10	hypothetical protein	0,2268	0,1591
TcCLB.510759.100	hypothetical protein, conserved	0,2267	0,03779
TcCLB.508557.20	amino acid transporter, putative	0,2267	0,3075
TcCLB.506883.69	hypothetical protein, conserved	0,2266	0,3785
TcCLB.504159.50	aquaporin-like protein, putative	0,2264	0,06297
TcCLB.510303.310	arginine N-methyltransferase, type III, putative (PRMT7)	0,2262	0,03136
TcCLB.507941.30	PrimPol-like protein 1, putative (ppl1)	0,2262	0,1245
TcCLB.508235.20	mucin TcMUCIII, putative	0,2262	0,4902
TcCLB.511505.10	RNA pseudouridylate synthase, putative	0,2261	0,1065
TcCLB.510761.14	60S ribosomal protein L26, putative	0,226	0,01108
TcCLB.511661.100	protein kinase, putative	0,226	0,0147
TcCLB.506297.160	40S ribosomal protein S5, putative	0,226	0,02768
TcCLB.510307.200	hypothetical protein, conserved	0,2259	0,1952
TcCLB.507911.60	retrotransposon hot spot protein (RHS, pseudogene), putat	0,2259	0,6306
TcCLB.511407.40	hypothetical protein, conserved	0,2258	0,1294
TcCLB.509551.120	hypothetical protein	0,2256	0,2861
TcCLB.503951.10	retrotransposon hot spot protein (RHS, pseudogene), putat	0,2256	0,5617
TcCLB.508745.30	trans-sialidase, Group V, putative	0,2255	0,6197
TcCLB.510157.20	hypothetical protein, conserved	0,2254	0,6842
TcCLB.510575.130	chloride channel protein, putative	0,2253	0,02877
TcCLB.508173.30	trans-sialidase (pseudogene), putative	0,2253	0,2132
TcCLB.511751.22	hypothetical protein, conserved	0,2253	0,3735
TcCLB.511417.20	retrotransposon hot spot protein (RHS, pseudogene), putat	0,2252	0,4946
TcCLB.509317.29	hypothetical protein	0,2251	0,4297
TcCLB.509259.21	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	0,2251	0,7178
TcCLB.506797.90	short chain dehydrogenase/reductase, putative	0,225	0,1058
TcCLB.491081.10	retrotransposon hot spot protein (RHS, pseudogene), putat	0,225	0,3397
TcCLB.508165.330	trans-sialidase (pseudogene), putative	0,2246	0,5142
TcCLB.509207.20	histone H2A, putative	0,2243	0,7278
TcCLB.506405.10	phosphomannomutase-like protein, putative	0,2242	0,01968
TcCLB.510645.30	3,2-trans-enoyl-CoA isomerase, mitochondrial precursor, p	0,2242	0,04575
TcCLB.506179.30	hypothetical protein, conserved	0,2242	0,1684
TcCLB.510579.119	hypothetical protein, conserved	0,2242	0,1884
TcCLB.506407.100	hypothetical protein, conserved	0,2241	0,03549

TcCLB.504147.70	hypothetical protein, conserved	0,2241	0,1207
TcCLB.507669.130	hypothetical protein, conserved	0,2241	0,1294
TcCLB.505997.100	retrotransposon hot spot protein (RHS, pseudogene), putat	0,224	0,2378
TcCLB.509165.30	AGP2beta-2, putative	0,2239	0,03908
TcCLB.511837.29	iron-sulfur cluster assembly protein, putative	0,2239	0,1552
TcCLB.510299.70	hypothetical protein, conserved	0,2239	0,2304
TcCLB.506131.30	mucin-associated surface protein (MASP), putative	0,2239	0,7366
TcCLB.507711.300	Archaic translocase of outer membrane 11 kDa subunit, pu	0,2237	0,2292
TcCLB.506335.60	mucin TcMUCII (pseudogene), putative	0,2237	0,418
TcCLB.508165.300	mucin-associated surface protein (MASP), putative	0,2237	0,5309
TcCLB.503665.21	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	0,2237	0,5314
TcCLB.508479.370	hypothetical protein, conserved	0,2236	0,1224
TcCLB.507073.20	hypothetical protein, conserved	0,2236	0,3588
TcCLB.508717.30	phosphoribosylpyrophosphate synthetase, putative	0,2235	0,02822
TcCLB.508461.19	hypothetical protein, conserved	0,2235	0,1696
TcCLB.507777.10	hypothetical protein, conserved	0,2235	0,254
TcCLB.511031.10	hypothetical protein, conserved	0,2235	0,3881
TcCLB.508165.34	mucin TcMUC (pseudogene), putative	0,2235	0,6589
TcCLB.508241.110	hypothetical protein, conserved	0,2234	0,1051
TcCLB.507677.70	hypothetical protein, conserved	0,223	0,1684
TcCLB.511885.10	hypothetical protein, conserved (pseudogene)	0,2228	0,02405
TcCLB.511253.20	kinesin-like protein, putative	0,2228	0,303
TcCLB.507063.120	hypothetical protein, conserved	0,2226	0,2932
TcCLB.510025.220	mucin-associated surface protein (MASP), putative	0,2226	0,6525
TcCLB.511889.50	retrotransposon hot spot protein (RHS, pseudogene), putat	0,2225	0,1224
TcCLB.510307.250	trans-sialidase (pseudogene), putative	0,2225	0,2303
TcCLB.511577.40	35 kDa cyclophilin, putative (CYP35)	0,2225	0,2903
TcCLB.503703.50	copper-transporting ATPase-like protein, putative	0,2223	0,03815
TcCLB.508777.40	leucine-rich repeat protein, putative	0,2222	0,0869
TcCLB.508071.30	beta galactofuranosyl glycosyltransferase, putative	0,2221	0,5175
TcCLB.511537.60	hypothetical protein, conserved	0,2218	0,07577
TcCLB.509599.70	hypothetical protein, conserved	0,2218	0,119
TcCLB.509163.100	hypothetical protein, conserved (pseudogene)	0,2218	0,2838
TcCLB.508977.20	mucin-associated surface protein (MASP), putative	0,2218	0,6821
TcCLB.504203.50	hypothetical protein, conserved	0,2217	0,245
TcCLB.506727.150	hypothetical protein, conserved	0,2217	0,2722
TcCLB.509055.60	hypothetical protein, conserved	0,2216	0,3727
TcCLB.506973.14	mucin TcMUCII (pseudogene), putative	0,2215	0,4775
TcCLB.508539.95	surface protease GP63 (pseudogene), putative	0,2215	0,7044
TcCLB.506009.90	hypothetical protein, conserved	0,2213	0,07147
TcCLB.506727.30	hypothetical protein, conserved	0,2212	0,1916
TcCLB.457101.20	dynein heavy chain, cytosolic, putative	0,2209	0,04165
TcCLB.506855.360	hypothetical protein, conserved	0,2207	0,02427
TcCLB.509967.30	aspartyl-tRNA synthetase, putative	0,2207	0,1217
TcCLB.510373.100	hypothetical protein, conserved (pseudogene)	0,2204	0,6976

TcCLB.503611.20	ribosomal protein L24, putative	0,2202	0,03079
TcCLB.510517.90	hypothetical protein, conserved	0,2202	0,181
TcCLB.510091.80	pyruvate dehydrogenase E1 beta subunit, putative	0,2201	0,03077
TcCLB.510885.120	hypothetical protein, conserved	0,2201	0,1138
TcCLB.511689.19	hypothetical protein, conserved (fragment)	0,22	0,1744
TcCLB.504035.90	translation initiation factor IF-2, putative	0,2199	0,04702
TcCLB.508535.30	hypothetical protein, conserved	0,2199	0,1288
TcCLB.509877.89	hypothetical protein, conserved	0,2199	0,3089
TcCLB.510519.90	hypothetical protein, conserved	0,2199	0,4821
TcCLB.510309.50	60S acidic ribosomal protein P2, putative	0,2197	0,04621
TcCLB.510879.160	tyrosine phosphatase, putative	0,2195	0,01711
TcCLB.509715.90	UDP-glucose/GDP-mannose dehydrogenase family, NAD bi	0,2195	0,2003
TcCLB.510659.74	hypothetical protein, conserved	0,2195	0,4765
TcCLB.509937.100	ubiquitin/ribosomal protein S27a, putative	0,2194	0,002199
TcCLB.510719.120	hypothetical protein, conserved	0,2194	0,06867
TcCLB.506727.20	hypothetical protein, conserved	0,2193	0,05626
TcCLB.509567.60	hypothetical protein	0,2192	0,1072
TcCLB.509509.30	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase, put	0,2192	0,1134
TcCLB.505025.40	mucin-associated surface protein (MASP), putative	0,2192	0,6561
TcCLB.507485.34	DNA-directed RNA polymerase III subunit, putative	0,2192	0,7343
TcCLB.506575.40	hypothetical protein	0,2191	0,1037
TcCLB.507357.35	hypothetical protein	0,219	0,6708
TcCLB.511001.190	vacuolar ATP synthase subunit d, putative	0,2188	0,09618
TcCLB.463323.20	retrotransposon hot spot protein (RHS, pseudogene), putat	0,2188	0,3399
TcCLB.508111.10	trans-sialidase (pseudogene), putative	0,2188	0,5134
TcCLB.506599.170	mucin-associated surface protein (MASP), putative	0,2187	0,5047
TcCLB.510535.20	hypothetical protein, conserved	0,2186	0,04134
TcCLB.506265.114	Enriched in surface-labeled proteome protein 11, putative	0,2186	0,1134
TcCLB.509317.90	hypothetical protein, conserved	0,2186	0,1791
TcCLB.510519.10	hypothetical protein	0,2183	0,05081
TcCLB.511127.160	integral membrane transport protein, putative	0,2183	0,6039
TcCLB.410199.7	hypothetical protein	0,2182	0,6418
TcCLB.507021.30	hypothetical protein, conserved	0,218	0,2844
TcCLB.506705.40	hypothetical protein, conserved	0,2179	0,1325
TcCLB.503827.50	trans-sialidase (pseudogene), putative	0,2178	0,6892
TcCLB.504133.45	hypothetical protein, conserved	0,2177	0,5308
TcCLB.511385.120	hypothetical protein, conserved	0,2177	0,5331
TcCLB.506933.60	mitochondrial RNA binding protein, putative	0,2176	0,01299
TcCLB.508781.40	hypothetical protein, conserved	0,2175	0,1369
TcCLB.510513.40	hypothetical protein, conserved	0,2175	0,1794
TcCLB.507759.10	trans-sialidase, Group VIII, putative	0,2175	0,6586
TcCLB.511629.30	hypothetical protein, conserved	0,2174	0,2101
TcCLB.511295.40	tRNA pseudouridine synthase A-like protein, putative	0,2173	0,08628
TcCLB.510769.10	hypothetical protein, conserved	0,2173	0,1386
TcCLB.511859.140	hypothetical protein	0,2172	0,2984

TcCLB.510191.10	mucin-associated surface protein (MASP), putative	0,2172	0,6557
TcCLB.508451.10	trans-sialidase (pseudogene), putative	0,217	0,3702
TcCLB.503817.10	trans-sialidase (pseudogene), putative	0,2166	0,6242
TcCLB.511761.89	hypothetical protein, conserved (fragment)	0,2164	0,3587
TcCLB.504249.100	trans-sialidase (pseudogene), putative	0,2163	0,3984
TcCLB.506959.64	3-keto-dihydrosphingosine reductase	0,2162	0,13
TcCLB.510047.120	mucin-associated surface protein (MASP), putative	0,2162	0,7029
TcCLB.511301.160	trans-sialidase, Group II, putative	0,2161	0,2446
TcCLB.504575.10	hypothetical protein, conserved	0,2161	0,5134
TcCLB.410589.19	hypothetical protein, conserved	0,2158	0,4026
TcCLB.508163.250	trans-sialidase, Group VI, putative	0,2158	0,5386
TcCLB.506959.140	hypothetical protein, conserved	0,2157	0,2857
TcCLB.509507.40	hypothetical protein, conserved	0,2155	0,1922
TcCLB.509569.94	hypothetical protein, conserved	0,2154	0,2801
TcCLB.506857.30	hypothetical protein, conserved	0,2153	0,1661
TcCLB.507817.70	hypothetical protein, conserved	0,2152	0,1951
TcCLB.507513.90	RNA-editing complex protein MP100, putative	0,215	0,03604
TcCLB.508859.50	hypothetical protein, conserved	0,2148	0,3055
TcCLB.508125.130	mucin TcMUCII, putative	0,2148	0,6851
TcCLB.507809.80	hypothetical protein, conserved	0,2147	0,003774
TcCLB.504229.20	glycine dehydrogenase [decarboxylating] (pseudogene), pu	0,2142	0,05269
TcCLB.509733.190	hypothetical protein, conserved	0,2142	0,1223
TcCLB.511421.190	ESCO acetyltransferase domain-containing protein	0,214	0,1786
TcCLB.503773.20	hypothetical protein, conserved	0,214	0,4529
TcCLB.506857.50	hypothetical protein, conserved	0,2139	0,06323
TcCLB.510943.180	hypothetical protein, conserved	0,2138	0,1916
TcCLB.508873.520	mucin-associated surface protein (MASP, pseudogene), pu	0,2138	0,6692
TcCLB.511283.260	hypothetical protein, conserved	0,2137	0,01504
TcCLB.507787.70	hypothetical protein, conserved	0,2136	0,2595
TcCLB.510421.280	hypothetical protein, conserved	0,2135	0,1259
TcCLB.508647.30	hypothetical protein, conserved	0,2135	0,1422
TcCLB.504787.80	mucin TcMUCII, putative	0,2135	0,5622
TcCLB.503683.20	hypothetical protein, conserved	0,2134	0,0552
TcCLB.509671.84	hypothetical protein, conserved	0,2134	0,1692
TcCLB.406115.10	trans-sialidase, putative (fragment)	0,2134	0,5665
TcCLB.509537.90	hypothetical protein, conserved	0,2129	0,03461
TcCLB.510659.36	hypothetical protein, conserved	0,2129	0,1672
TcCLB.509133.10	trans-sialidase (pseudogene), putative	0,2128	0,4899
TcCLB.504129.40	hypothetical protein, conserved	0,2126	0,2041
TcCLB.506587.70	hypothetical protein, conserved	0,2125	0,088
TcCLB.506635.130	hypothetical protein, conserved	0,2124	0,08085
TcCLB.506529.480	hypothetical protein, conserved	0,2124	0,1143
TcCLB.511269.4	Ras-related protein Rab5A, putative (RAB5A)	0,2124	0,1254
TcCLB.509911.110	hypothetical protein, conserved	0,2123	0,2596
TcCLB.504153.129	hypothetical protein, conserved	0,2122	0,1073

TcCLB.506559.270	sarcoplasmic reticulum glycoprotein, putative	0,2121	0,03283
TcCLB.506021.10	retrotransposon hot spot protein (RHS, pseudogene), putative	0,212	0,1594
TcCLB.509733.20	hypothetical protein	0,2119	0,4583
TcCLB.504929.10	casein kinase, delta isoform, putative	0,2119	0,7343
TcCLB.510423.60	hypothetical protein, conserved	0,2118	0,09365
TcCLB.508541.230	casein kinase, putative	0,2118	0,5166
TcCLB.506425.130	hypothetical protein, conserved	0,2117	0,1874
TcCLB.510279.70	hypothetical protein	0,2117	0,6988
TcCLB.503885.20	hypothetical protein, conserved	0,2116	0,05027
TcCLB.506971.70	mucin TcMUCII, putative	0,2114	0,7943
TcCLB.503939.10	acetyltransferase, putative	0,2112	0,1765
TcCLB.510207.40	mucin-associated surface protein (MASP), putative	0,2112	0,561
TcCLB.507061.10	hypothetical protein	0,2111	0,3677
TcCLB.508741.250	hypothetical protein	0,211	0,07511
TcCLB.511507.20	hypothetical protein, conserved	0,211	0,1883
TcCLB.511401.90	trans-sialidase, Group V, putative	0,211	0,3562
TcCLB.507013.30	hypothetical protein, conserved	0,2109	0,325
TcCLB.506445.30	cation transporter, putative	0,2105	0,0742
TcCLB.506543.90	cytochrome c oxidase assembly protein, putative	0,2105	0,1715
TcCLB.507509.70	hypothetical protein, conserved	0,2104	0,127
TcCLB.509965.280	hypothetical protein, conserved	0,2102	0,2297
TcCLB.506275.30	hypothetical protein, conserved	0,2102	0,3526
TcCLB.511411.8	hypothetical protein, conserved (fragment)	0,2101	0,2679
TcCLB.510275.90	hypothetical protein	0,2101	0,4962
TcCLB.508647.290	DNA repair and recombination protein RAD54, putative	0,21	0,01646
TcCLB.506783.20	trans-sialidase (pseudogene), putative	0,2099	0,4421
TcCLB.503651.10	hypothetical protein, conserved	0,2097	0,09277
TcCLB.510067.9	hypothetical protein, conserved	0,2096	0,1433
TcCLB.507357.71	hypothetical protein	0,2096	0,7118
TcCLB.506531.50	metacaspase, putative	0,2092	0,219
TcCLB.509859.30	hypothetical protein, conserved	0,2091	0,114
TcCLB.506977.110	hypothetical protein, conserved (pseudogene)	0,2091	0,1572
TcCLB.503957.90	dispersed gene family protein 1 (DGF-1, pseudogene), putative	0,2089	0,3821
TcCLB.506625.120	hypothetical protein, conserved	0,2088	0,08054
TcCLB.509749.36	ribosomal protein L29, putative	0,2088	0,08994
TcCLB.511603.80	mucin-associated surface protein (MASP), putative	0,2088	0,6453
TcCLB.506887.20	hypothetical protein, conserved	0,2087	0,1392
TcCLB.508185.10	enoyl-CoA hydratase, mitochondrial precursor, putative	0,2087	0,1394
TcCLB.509777.70	Calcium ATPase SERCA-like	0,2085	0,006446
TcCLB.503703.100	hypothetical protein, conserved	0,2084	0,1233
TcCLB.506303.150	hypothetical protein, conserved	0,2084	0,1368
TcCLB.509663.25	hypothetical protein, conserved (pseudogene)	0,2084	0,4853
TcCLB.508153.420	hypothetical protein, conserved	0,2083	0,07081
TcCLB.507513.100	hypothetical protein, conserved	0,2082	0,1005
TcCLB.483009.9	exonuclease, putative	0,2081	0,1787



TcCLB.507953.40	mucin-associated surface protein (MASP), putative	0,2081	0,7339
TcCLB.508771.60	retrotransposon hot spot protein (RHS, pseudogene), putat	0,208	0,2084
TcCLB.510889.251	Present in the outer mitochondrial membrane proteome 1:	0,208	0,3591
TcCLB.511027.10	chloride channel protein, putative	0,2079	0,127
TcCLB.510173.110	hypothetical protein, conserved	0,2078	0,1031
TcCLB.506529.280	hypothetical protein, conserved	0,2077	0,1734
TcCLB.506573.50	hypothetical protein, conserved	0,2077	0,2666
TcCLB.506147.60	3-demethylubiquinone-9 3-methyltransferase, putative	0,2076	0,1842
TcCLB.507429.60	hypothetical protein	0,2075	0,5003
TcCLB.507989.10	hypothetical protein, conserved	0,2072	0,1793
TcCLB.511303.50	hypothetical protein, conserved	0,2072	0,3056
TcCLB.505807.29	hypothetical protein, conserved	0,2072	0,5487
TcCLB.508365.100	surface protease GP63, putative	0,2072	0,6642
TcCLB.509727.20	retrotransposon hot spot protein (RHS, pseudogene), putat	0,2072	0,7184
TcCLB.508233.70	ATP-dependent protease binding subunit (pseudogene), pu	0,2071	0,4266
TcCLB.509429.70	hypothetical protein	0,207	0,08705
TcCLB.447255.4	ubiquitin, putative	0,207	0,2496
TcCLB.511353.60	hypothetical protein, conserved	0,207	0,2512
TcCLB.506759.150	hypothetical protein, conserved (pseudogene)	0,207	0,6777
TcCLB.503487.20	hypothetical protein	0,2069	0,09709
TcCLB.509671.99	hypothetical protein, conserved	0,2069	0,3963
TcCLB.511729.30	hypothetical protein, conserved	0,2068	0,196
TcCLB.503437.31	ATP-dependent DEAD/H RNA helicase (pseudogene), putat	0,2066	0,6746
TcCLB.504111.20	metallo- peptidase, Clan MG, Family M24	0,2063	0,09396
TcCLB.509399.170	elongation factor 1-gamma (EF-1-gamma), putative	0,2062	0,2128
TcCLB.509777.4	ribosomal protein L2, putative	0,2062	0,2277
TcCLB.509253.50	recombination initiation protein NBS1, putative	0,2061	0,04697
TcCLB.506925.120	eukaryotic initiation factor 5a, putative	0,2061	0,08049
TcCLB.506335.69	mucin-associated surface protein (MASP, pseudogene), pu	0,206	0,595
TcCLB.510147.9	hypothetical protein, conserved	0,2057	0,4452
TcCLB.509251.70	mucin-associated surface protein (MASP, pseudogene), pu	0,2056	0,3973
TcCLB.510885.110	hypothetical protein, conserved	0,2055	0,1109
TcCLB.504157.70	hypothetical protein, conserved	0,2054	0,06638
TcCLB.510087.40	hypothetical protein	0,2053	0,6982
TcCLB.511907.200	cysteine peptidase inhibitor, putative	0,2052	0,06282
TcCLB.511593.51	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	0,2051	0,4877
TcCLB.511599.110	mucin TcMUCII, putative	0,2049	0,7251
TcCLB.408547.5	mucin TcMUCII, putative	0,2049	0,7385
TcCLB.509719.23	hypothetical protein, conserved	0,2048	0,3184
TcCLB.510201.70	hypothetical protein	0,2048	0,652
TcCLB.465323.10	hypothetical protein (fragment)	0,2048	0,7373
TcCLB.508895.30	Sarcalumenin, putative	0,2047	0,03749
TcCLB.506133.170	mucin-associated surface protein (MASP, pseudogene), pu	0,2047	0,573
TcCLB.510013.50	trans-sialidase, Group IV, putative	0,2047	0,668
TcCLB.511921.167	hypothetical protein, conserved (pseudogene)	0,2047	0,6839

TcCLB.511553.100	mucin-associated surface protein (MASP), putative	0,2045	0,6251
TcCLB.510949.10	dual specificity protein phosphatase, putative	0,2044	0,1444
TcCLB.509769.100	hypothetical protein, conserved	0,2044	0,1589
TcCLB.506751.70	retrotransposon hot spot protein (RHS, pseudogene), putat	0,2043	0,6104
TcCLB.510879.120	ribosomal protein L3, putative	0,2041	0,003494
TcCLB.506867.40	surface protease GP63, putative	0,2041	0,1374
TcCLB.511861.14	trans-sialidase (pseudogene), putative	0,2039	0,3718
TcCLB.505071.110	hypothetical protein, conserved	0,2037	0,08659
TcCLB.509015.10	copper-transporting ATPase, putative	0,2037	0,5634
TcCLB.510729.10	AMP deaminase, putative	0,2036	0,1082
TcCLB.508831.63	hypothetical protein	0,2036	0,1511
TcCLB.507711.340	hypothetical protein, conserved	0,2036	0,3006
TcCLB.511491.120	hypothetical protein, conserved	0,2035	0,08592
TcCLB.506955.240	trans-sialidase, Group V, putative	0,2035	0,4213
TcCLB.503583.80	dual specificity protein phosphatase or MAP kinase phosph	0,2033	0,1683
TcCLB.510309.60	hypothetical protein, conserved	0,2032	0,09837
TcCLB.509769.140	hypothetical protein, conserved	0,2031	0,2456
TcCLB.504069.56	60S ribosomal protein L37a, putative	0,203	0,07305
TcCLB.506573.40	hypothetical protein, conserved	0,203	0,1222
TcCLB.507193.10	dispersed gene family protein 1 (DGF-1), putative	0,2029	0,481
TcCLB.509647.70	guanylate kinase, putative	0,2027	0,1277
TcCLB.507093.20	hypothetical protein, conserved	0,2027	0,2566
TcCLB.511181.90	peroxisome targeting signal 1 receptor, putative (PEX5)	0,2026	0,07646
TcCLB.508413.44	60S ribosomal protein L12, putative	0,2025	0,01496
TcCLB.506821.200	hypothetical protein, conserved	0,2025	0,1394
TcCLB.507623.40	hypothetical protein, conserved	0,2024	0,2262
TcCLB.506201.150	hypothetical protein, conserved	0,2023	0,4579
TcCLB.510487.44	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	0,2023	0,769
TcCLB.509971.70	hypothetical protein	0,2022	0,6197
TcCLB.509767.210	vesicle transport v-SNARE 11, putative	0,2021	0,2473
TcCLB.510877.20	hypothetical protein, conserved	0,202	0,0495
TcCLB.507867.100	hypothetical protein	0,2019	0,07575
TcCLB.508853.10	mucin-associated surface protein (MASP), putative	0,2019	0,6101
TcCLB.506637.80	hypothetical protein	0,2017	0,1278
TcCLB.509205.70	hypothetical protein, conserved	0,2017	0,1962
TcCLB.507089.70	RNA-binding protein, putative	0,2016	0,2809
TcCLB.506567.77	hypothetical protein, conserved (pseudogene)	0,2016	0,5326
TcCLB.507693.5	tryptophanyl-tRNA synthetase, putative (fragment)	0,2015	0,2889
TcCLB.508895.20	hypothetical protein, conserved	0,2013	0,1354
TcCLB.506829.20	hypothetical protein, conserved	0,2012	0,1
TcCLB.510357.150	hypothetical protein, conserved	0,2012	0,2082
TcCLB.506291.20	hypothetical protein	0,2012	0,7945
TcCLB.509087.20	dispersed gene family protein 1 (DGF-1), putative	0,2011	0,3148
TcCLB.506367.70	hypothetical protein, conserved	0,2009	0,2426
TcCLB.416041.24	retrotransposon hot spot protein (RHS, pseudogene), putat	0,2009	0,3231

TcCLB.506425.169	Ras-related protein RAB2B, putative (fragment) (RAB2B)	0,2007	0,3486
TcCLB.508547.130	NUDIX family hydrolase, putative	0,2006	0,2063
TcCLB.511649.120	hypothetical protein, conserved	0,2004	0,1952
TcCLB.506291.31	surface protease GP63 (pseudogene), putative	0,2003	0,7242
TcCLB.507491.130	hypothetical protein, conserved	0,2	0,211
TcCLB.505807.20	hypothetical protein, conserved	0,1999	0,1525
TcCLB.509725.50	protein kinase, putative	0,1998	0,6448
TcCLB.509643.20	hypothetical protein, conserved	0,1995	0,1336
TcCLB.511661.70	hypothetical protein, conserved	0,1995	0,2794
TcCLB.507765.90	hypothetical protein, conserved	0,1992	0,1434
TcCLB.508909.100	hypothetical protein, conserved	0,1992	0,1492
TcCLB.504737.20	mucin-associated surface protein (MASP, pseudogene), pu	0,1992	0,6865
TcCLB.507673.60	hypothetical protein, conserved	0,1991	0,5566
TcCLB.510189.60	trans-sialidase (pseudogene), putative	0,199	0,5857
TcCLB.510657.150	hypothetical protein	0,1989	0,1827
TcCLB.509831.10	cysteine desulfurase, putative	0,1988	0,1893
TcCLB.506727.60	hypothetical protein, conserved	0,1987	0,1124
TcCLB.508851.150	hypothetical protein, conserved	0,1987	0,1807
TcCLB.509985.10	hypothetical protein, conserved (pseudogene)	0,1987	0,2127
TcCLB.511255.50	mucin-associated surface protein (MASP), putative	0,1987	0,6178
TcCLB.510583.130	mucin-associated surface protein (MASP), putative	0,1986	0,7133
TcCLB.511745.30	E3 ubiquitin-protein ligase, putative	0,1985	0,08697
TcCLB.510445.40	hypothetical protein	0,1984	0,2476
TcCLB.509747.30	hypothetical protein, conserved	0,1983	0,04122
TcCLB.504255.30	hypothetical protein, conserved	0,1983	0,3948
TcCLB.511693.60	hypothetical protein, conserved	0,1983	0,4302
TcCLB.511825.66	hypothetical protein, conserved	0,1982	0,3851
TcCLB.507093.310	hypothetical protein, conserved	0,1981	0,1435
TcCLB.507603.100	hypothetical protein, conserved	0,198	0,2366
TcCLB.506635.70	hypothetical protein, conserved	0,1979	0,09795
TcCLB.508495.9	mucin-associated surface protein (MASP, pseudogene), pu	0,1979	0,7486
TcCLB.510257.60	3-ketoacyl-CoA reductase, putative	0,1978	0,1113
TcCLB.506181.30	hypothetical protein, conserved	0,1978	0,4099
TcCLB.511025.10	dynein light intermediate chain, putative	0,1977	0,1135
TcCLB.509543.20	hypothetical protein, conserved	0,1977	0,1567
TcCLB.504163.40	fructose-bisphosphate aldolase, glycosomal, putative	0,1976	0,1337
TcCLB.508759.20	trans-sialidase, Group V, putative	0,1976	0,6608
TcCLB.509297.30	ADP-ribosylation factor, putative	0,1976	0,7362
TcCLB.509959.236	N-acetyltransferase complex ARD1 subunit (pseudogene),	0,1976	0,7869
TcCLB.506999.170	hypothetical protein	0,1975	0,1492
TcCLB.510477.30	mucin TcMUCI, putative	0,1974	0,7072
TcCLB.507927.40	hypothetical protein, conserved	0,1973	0,05822
TcCLB.430567.10	trans-sialidase, putative (fragment)	0,1973	0,4892
TcCLB.506127.170	eukaryotic translation initiation factor eIF-4E, putative	0,1972	0,07597
TcCLB.510187.210	hypothetical protein, conserved	0,1971	0,01759

TcCLB.511557.29	hypothetical protein	0,1971	0,275
TcCLB.506469.50	hypothetical protein, conserved	0,1971	0,2928
TcCLB.507105.60	hypothetical protein, conserved	0,197	0,05788
TcCLB.511553.30	mucin-associated surface protein (MASP), putative	0,197	0,523
TcCLB.509885.64	hypothetical protein, conserved	0,1969	0,4747
TcCLB.504081.450	trans-sialidase (pseudogene), putative	0,1969	0,4952
TcCLB.511515.40	heat shock 70 kDa protein, mitochondrial precursor, putative	0,1968	0,04441
TcCLB.508691.10	hypothetical protein, conserved	0,1968	0,3956
TcCLB.507669.160	hypothetical protein, conserved	0,1967	0,02583
TcCLB.504021.80	hypothetical protein, conserved	0,1967	0,2344
TcCLB.508647.174	hypothetical protein, conserved	0,1967	0,3163
TcCLB.508765.30	glycosylphosphatidylinositol-specific phospholipase C, putative	0,1966	0,3051
TcCLB.506037.10	dispersed gene family protein 1 (DGF-1, pseudogene), putative	0,1966	0,7055
TcCLB.506733.120	hypothetical protein, conserved	0,1965	0,2133
TcCLB.507653.10	hypothetical protein, conserved	0,1965	0,3754
TcCLB.509979.290	trans-sialidase (pseudogene), putative	0,1963	0,405
TcCLB.506245.200	mucin-associated surface protein (MASP), putative	0,1963	0,5703
TcCLB.511603.200	mucin TcMUCII, putative	0,1961	0,7302
TcCLB.509267.3	receptor-type adenylate cyclase, putative	0,1961	0,7454
TcCLB.508379.20	hypothetical protein, conserved	0,1958	0,5119
TcCLB.508811.10	hypothetical protein	0,1957	0,1737
TcCLB.508837.74	small GTP-binding protein Rab18, putative	0,1957	0,1843
TcCLB.506257.10	DNA/RNA non-specific endonuclease protein-like, putative	0,1955	0,32
TcCLB.510693.280	mucin-associated surface protein (MASP), putative	0,1955	0,5078
TcCLB.508125.22	mucin TcMUCII (pseudogene), putative	0,1955	0,6788
TcCLB.510799.30	hypothetical protein, conserved	0,1954	0,1584
TcCLB.511717.140	hypothetical protein, conserved	0,1954	0,2524
TcCLB.508591.10	dispersed gene family protein 1 (DGF-1), putative	0,1954	0,4342
TcCLB.507603.120	hypothetical protein, conserved	0,1953	0,08978
TcCLB.504153.210	hypothetical protein	0,1953	0,3845
TcCLB.508759.30	mucin TcMUC (pseudogene), putative	0,1952	0,7904
TcCLB.505987.30	hypothetical protein, conserved	0,1951	0,1921
TcCLB.506903.50	dispersed gene family protein 1 (DGF-1, pseudogene), putative	0,1951	0,3273
TcCLB.508229.20	hypothetical protein	0,1951	0,7526
TcCLB.511255.130	mucin-associated surface protein (MASP), putative	0,195	0,7141
TcCLB.510911.40	hypothetical protein, conserved	0,1947	0,4087
TcCLB.508355.230	hypothetical protein	0,1947	0,436
TcCLB.507801.40	hypothetical protein, conserved	0,1947	0,4916
TcCLB.509599.100	hypothetical protein	0,1946	0,4414
TcCLB.503809.75	hypothetical protein, conserved	0,1945	0,3989
TcCLB.506465.40	protein kinase-like protein, putative	0,1944	0,3502
TcCLB.503905.50	hypothetical protein, conserved	0,1942	0,367
TcCLB.510441.41	trans-sialidase (pseudogene), putative	0,1941	0,1887
TcCLB.506755.120	hypothetical protein, conserved	0,194	0,0754
TcCLB.506999.70	chaperone DNAJ protein, putative	0,194	0,1487

TcCLB.503583.100	hypothetical protein, conserved	0,194	0,3227
TcCLB.511863.30	hypothetical protein, conserved	0,1939	0,2178
TcCLB.510409.39	ubiquitin/ribosomal protein S27a, putative	0,1938	0,0104
TcCLB.504765.15	succinyl-coA:3-ketoacid-coenzyme A transferase (pseudoge	0,1934	0,4766
TcCLB.506957.90	60S ribosomal protein L18a, putative	0,1932	0,009229
TcCLB.505009.40	hypothetical protein, conserved	0,1932	0,2005
TcCLB.510303.30	hypothetical protein, conserved	0,193	0,07939
TcCLB.507093.184	hypothetical protein, conserved	0,193	0,142
TcCLB.511261.50	hypothetical protein, conserved	0,1928	0,2354
TcCLB.510769.170	trans-sialidase (pseudogene), putative	0,1928	0,3678
TcCLB.511305.20	hypothetical protein, conserved	0,1926	0,07094
TcCLB.509103.20	tubulin-tyrosine ligase, putative	0,1925	0,2335
TcCLB.511255.690	mucin-associated surface protein (MASP), putative	0,1925	0,6151
TcCLB.508543.110	hypothetical protein, conserved	0,1924	0,1531
TcCLB.511705.10	receptor-type adenylate cyclase, putative	0,1924	0,2256
TcCLB.507765.100	hypothetical protein, conserved	0,1924	0,2798
TcCLB.508799.110	protein kinase, putative	0,1924	0,2808
TcCLB.507499.50	hypothetical protein, conserved (pseudogene)	0,1924	0,3493
TcCLB.511383.89	Flagellar Member 3 (FLAM3)	0,1922	0,2267
TcCLB.511807.3	N-acetyltransferase complex ARD1 subunit (pseudogene),	0,1922	0,4599
TcCLB.509993.51	mucin-associated surface protein (MASP, pseudogene), pu	0,1922	0,6944
TcCLB.507519.40	hypothetical protein	0,1921	0,1531
TcCLB.510339.7	hypothetical protein, conserved (fragment)	0,1921	0,2253
TcCLB.506767.123	syntaxin binding protein (pseudogene), putative	0,192	0,783
TcCLB.507485.30	hypothetical protein, conserved	0,1919	0,4057
TcCLB.508409.50	hypothetical protein, conserved	0,1917	0,1765
TcCLB.508607.60	beta galactofuranosyl glycosyltransferase, putative	0,1916	0,5035
TcCLB.505163.40	hypothetical protein, conserved	0,1913	0,3383
TcCLB.508033.60	mucin TcMUCII, putative	0,1912	0,6891
TcCLB.506961.90	retrotransposon hot spot (RHS) protein, putative	0,1911	0,1363
TcCLB.511577.80	hypothetical protein, conserved	0,1911	0,1456
TcCLB.511497.10	hypothetical protein, conserved	0,1911	0,4644
TcCLB.509625.30	hypothetical protein, conserved	0,191	0,2848
TcCLB.504229.44	hypothetical protein, conserved (pseudogene)	0,1909	0,3183
TcCLB.511283.80	hypothetical protein, conserved	0,1908	0,04512
TcCLB.510719.40	hypothetical protein, conserved	0,1907	0,3002
TcCLB.510719.300	metallo-peptidase, Clan MC, Family M14, putative	0,1905	0,09842
TcCLB.508955.10	syntaxin, putative	0,1904	0,3625
TcCLB.506251.10	hypothetical protein, conserved	0,1903	0,2072
TcCLB.508225.20	retrotransposon hot spot protein (RHS, pseudogene), putat	0,1903	0,6303
TcCLB.511303.120	hypothetical protein, conserved	0,1901	0,04112
TcCLB.508175.80	protein kinase, putative	0,19	0,0383
TcCLB.509897.110	trans-sialidase, Group V, putative	0,19	0,4392
TcCLB.511553.130	mucin TcMUCII, putative	0,1899	0,6192
TcCLB.508149.10	dispersed gene family protein 1 (DGF-1), putative	0,1899	0,6204

TcCLB.511001.120	60S ribosomal protein L18a, putative	0,1898	0,006914
TcCLB.511069.20	40S ribosomal protein S8, putative	0,1897	0,07351
TcCLB.511821.80	hypothetical protein, conserved	0,1897	0,2094
TcCLB.504867.110	hypothetical protein, conserved	0,1896	0,2758
TcCLB.510241.124	hypothetical protein, conserved	0,1895	0,09462
TcCLB.507949.40	hypothetical protein, conserved	0,1895	0,1429
TcCLB.506275.60	zinc carboxypeptidase, putative	0,1895	0,1468
TcCLB.510553.20	trans-sialidase (pseudogene), putative	0,1895	0,6372
TcCLB.509719.53	hypothetical protein, conserved	0,1893	0,1286
TcCLB.509057.20	importin alpha, putative	0,1892	0,03071
TcCLB.507079.10	hypothetical protein, conserved	0,1892	0,2262
TcCLB.506573.70	hypothetical protein, conserved	0,1892	0,3408
TcCLB.507711.190	hypothetical protein, conserved	0,189	0,02992
TcCLB.510007.60	hypothetical protein, conserved	0,189	0,08997
TcCLB.509157.279	Chaperonin HSP60, mitochondrial (HSP60)	0,189	0,4008
TcCLB.508057.20	mucin-associated surface protein (MASP, pseudogene), pu	0,1889	0,437
TcCLB.510107.30	mucin-associated surface protein (MASP), putative	0,1889	0,6351
TcCLB.507081.20	hypothetical protein, conserved	0,1888	0,1375
TcCLB.511431.10	protein kinase, putative	0,1888	0,4452
TcCLB.404975.30	trans-sialidase (pseudogene), putative	0,1888	0,5755
TcCLB.508461.30	3-demethylubiquinone-9 3-methyltransferase, putative	0,1887	0,1832
TcCLB.511183.60	trans-sialidase, Group V, putative	0,1887	0,5953
TcCLB.503617.20	kinetoplast DNA-associated protein, putative	0,1885	0,046
TcCLB.511353.4	choline/carnitine O-acyltransferase, putative	0,1885	0,2421
TcCLB.506885.340	Mitochondrial import receptor subunit ATOM40, putative (	0,1884	0,05932
TcCLB.508323.20	hypothetical protein, conserved	0,188	0,06834
TcCLB.506247.430	hypothetical protein, conserved	0,188	0,1902
TcCLB.511051.80	DNA/RNA non-specific endonuclease protein-like, putative	0,1879	0,3305
TcCLB.510657.30	Sorting nexin-4 (ATG24)	0,1877	0,08039
TcCLB.507993.320	RNA-binding protein 27, putative (RBP27)	0,1877	0,209
TcCLB.504257.9	RNA-binding protein 42 (RNA-binding motif protein 42), pu	0,1875	0,251
TcCLB.506391.30	ef-hand protein 5, putative	0,1873	0,2394
TcCLB.503909.19	dispersed gene family protein 1 (DGF-1), putative (fragme	0,1873	0,5274
TcCLB.510767.20	60S ribosomal protein L36, putative	0,1872	0,06861
TcCLB.510359.604	mucin TcMUCII (pseudogene), putative	0,187	0,6268
TcCLB.506297.150	40S ribosomal protein S5, putative	0,1869	0,03815
TcCLB.509979.51	zinc carboxypeptidase, putative	0,1869	0,6895
TcCLB.509985.50	PrimPol-like protein 1, putative (ppl1)	0,1868	0,1688
TcCLB.506195.270	hypothetical protein, conserved	0,1867	0,1555
TcCLB.507521.70	cyclophilin, putative	0,1867	0,2112
TcCLB.510221.30	hypothetical protein, conserved	0,1866	0,05803
TcCLB.510121.180	hypothetical protein, conserved	0,1865	0,2314
TcCLB.504777.30	surface protease GP63 (pseudogene), putative	0,1865	0,5635
TcCLB.510377.390	mucin-associated surface protein (MASP), putative	0,1865	0,7318
TcCLB.506559.400	hypothetical protein, conserved	0,1864	0,2353

TcCLB.420495.19	hypothetical protein, conserved (pseudogene)	0,1864	0,5879
TcCLB.507717.9	hypothetical protein, conserved	0,1863	0,361
TcCLB.508661.40	hypothetical protein, conserved	0,1862	0,2798
TcCLB.511593.80	mucin-associated surface protein (MASP), putative	0,186	0,5227
TcCLB.508461.490	60S ribosomal protein L23, putative	0,1859	0,01836
TcCLB.508879.160	hypothetical protein, conserved	0,1859	0,09247
TcCLB.508965.94	hypothetical protein, conserved	0,1859	0,2014
TcCLB.508389.130	mucin-associated surface protein (MASP), putative	0,1859	0,8556
TcCLB.507091.100	trans-sialidase (pseudogene), putative	0,1858	0,5396
TcCLB.504125.10	SWI/SNF-related matrix-associated actin-dependent regul	0,1856	0,158
TcCLB.504425.110	permease-like protein, putative	0,1856	0,319
TcCLB.510667.90	hypothetical protein, conserved	0,1855	0,1755
TcCLB.504069.40	hypothetical protein, conserved	0,1855	0,193
TcCLB.510575.170	hypothetical protein, conserved	0,1855	0,2174
TcCLB.511439.20	lipase, putative	0,1855	0,4696
TcCLB.511757.100	trans-sialidase, putative (fragment)	0,1854	0,3116
TcCLB.508153.184	60S ribosomal protein L39, putative	0,1853	0,1088
TcCLB.504137.60	beta adaptin, putative	0,1853	0,1457
TcCLB.411235.9	alpha tubulin, putative	0,185	0,03028
TcCLB.504187.21	trans-sialidase (pseudogene), putative	0,185	0,5457
TcCLB.415187.10	hypothetical protein, conserved	0,1849	0,6178
TcCLB.504037.30	60S ribosomal protein L12, putative	0,1848	0,0384
TcCLB.508207.10	glycine dehydrogenase (pseudogene), putative	0,1848	0,2787
TcCLB.509611.30	hypothetical protein	0,1847	0,1727
TcCLB.509147.21	hypothetical protein, conserved (pseudogene)	0,1847	0,569
TcCLB.506963.20	60S ribosomal protein L34, putative	0,1843	0,02424
TcCLB.503923.40	hypothetical protein, conserved	0,1843	0,5417
TcCLB.511903.130	60S ribosomal protein L26, putative	0,1842	0,01547
TcCLB.509067.50	hypothetical protein, conserved	0,1842	0,1041
TcCLB.503925.10	hypothetical protein, conserved	0,1841	0,2557
TcCLB.510901.250	hypothetical protein, conserved	0,184	0,204
TcCLB.506901.60	mucin TcMUCII, putative	0,184	0,7936
TcCLB.510119.70	protein kinase, putative	0,1837	0,3878
TcCLB.506769.120	mucin-associated surface protein (MASP), putative	0,1837	0,6972
TcCLB.511099.70	mucin TcMUCII, putative	0,1837	0,793
TcCLB.510371.141	hypothetical protein, conserved (pseudogene)	0,1835	0,8508
TcCLB.506925.60	hypothetical protein, conserved	0,1833	0,3467
TcCLB.509437.125	trans-sialidase (pseudogene), putative	0,1833	0,6344
TcCLB.510483.90	trans-sialidase (pseudogene), putative	0,1833	0,6466
TcCLB.503727.10	centrin, putative	0,1831	0,2321
TcCLB.411427.40	hypothetical protein, conserved	0,1831	0,4801
TcCLB.511613.10	mucin-associated surface protein (MASP), putative	0,1831	0,6126
TcCLB.506329.9	mucin-associated surface protein (MASP, pseudogene), pu	0,1831	0,7974
TcCLB.508707.330	chaperone DNAJ protein, putative	0,183	0,2346
TcCLB.507049.199	pumilio protein, putative	0,1829	0,6217

TcCLB.506727.80	hypothetical protein, conserved	0,1827	0,2135
TcCLB.505071.100	phosphatidylglycerolphosphate synthase, mitochondrial, pu	0,1826	0,1867
TcCLB.504431.109	cytochrome b5, putative	0,1826	0,3365
TcCLB.506247.310	hypothetical protein, conserved	0,1825	0,08163
TcCLB.510895.9	hypothetical protein, conserved (fragment)	0,1824	0,07438
TcCLB.509213.110	hypothetical protein, conserved	0,1824	0,1047
TcCLB.511259.70	mucin-associated surface protein (MASP, pseudogene), pu	0,1824	0,6438
TcCLB.504423.30	hypothetical protein, conserved	0,1823	0,2152
TcCLB.506201.30	serine/threonine-protein phosphatase PP1 beta	0,1822	0,1844
TcCLB.507687.70	mucin-associated surface protein (MASP), putative	0,182	0,7177
TcCLB.510015.30	mucin-associated surface protein (MASP), putative	0,1819	0,3898
TcCLB.509287.50	glucose-6-phosphate 1-dehydrogenase, putative	0,1816	0,1314
TcCLB.508567.49	hypothetical protein, conserved	0,1816	0,4625
TcCLB.507729.30	trans-sialidase (pseudogene), putative	0,1816	0,5027
TcCLB.506945.240	ATP synthase, epsilon chain, putative	0,1815	0,1232
TcCLB.504769.190	trans-sialidase (pseudogene), putative	0,1815	0,5434
TcCLB.509461.90	inositol 1,4,5-trisphosphate receptor, putative (IP3R)	0,1814	0,01193
TcCLB.511133.30	hypothetical protein, conserved	0,1814	0,08063
TcCLB.507603.170	hypothetical protein, conserved	0,1814	0,1908
TcCLB.509753.140	mucin-associated surface protein (MASP), putative	0,1814	0,6946
TcCLB.511173.470	trans-sialidase, Group V, putative	0,181	0,6432
TcCLB.511277.490	hypothetical protein, conserved	0,1809	0,0899
TcCLB.511763.10	hypothetical protein, conserved	0,1809	0,3843
TcCLB.506211.107	hypothetical protein, conserved	0,1809	0,4588
TcCLB.507093.180	transcription factor IIIb, putative	0,1808	0,1635
TcCLB.507023.180	protein kinase, putative	0,1808	0,1715
TcCLB.503663.10	septum formation inhibitor, Maf-like protein, putative	0,1806	0,4189
TcCLB.509941.85	trans-sialidase (pseudogene), putative	0,1804	0,3429
TcCLB.506155.110	hypothetical protein, conserved	0,1803	0,2112
TcCLB.511921.50	trans-sialidase, Group VI, putative	0,1803	0,5207
TcCLB.506941.238	hypothetical protein, conserved	0,1802	0,293
TcCLB.506067.290	mucin-associated surface protein (MASP), putative	0,1802	0,573
TcCLB.506471.110	retrotransposon hot spot protein (RHS, pseudogene), putat	0,1798	0,2047
TcCLB.509809.20	chaperone DNAJ protein, putative	0,1798	0,2706
TcCLB.507961.10	mucin-associated surface protein (MASP, pseudogene), pu	0,1798	0,7118
TcCLB.506865.60	hypothetical protein, conserved	0,1796	0,08342
TcCLB.508465.20	hypothetical protein, conserved	0,1796	0,2417
TcCLB.509569.40	hypothetical protein, conserved	0,1795	0,08263
TcCLB.506559.517	hypothetical protein, conserved	0,1795	0,1497
TcCLB.507907.40	hypothetical protein, conserved	0,1793	0,2245
TcCLB.506187.50	mucin-associated surface protein (MASP), putative	0,1793	0,7267
TcCLB.503979.10	ethanolamine phosphotransferase, putative (fragment)	0,1791	0,154
TcCLB.504069.80	ATP synthase F1 subunit gamma protein, putative (ATPF1C	0,1789	0,1591
TcCLB.509561.39	hypothetical protein, conserved	0,1789	0,282
TcCLB.506173.219	trans-sialidase (pseudogene), putative	0,1788	0,6966



TcCLB.503455.20	hypothetical protein, conserved	0,1786	0,264
TcCLB.506637.120	hypothetical protein, conserved	0,1784	0,07424
TcCLB.511277.200	RNA-binding protein, putative	0,1783	0,7792
TcCLB.508919.60	ADP-ribosylation factor, putative (ARL-1)	0,1782	0,3611
TcCLB.511647.44	hypothetical protein, conserved	0,1781	0,4599
TcCLB.507513.70	40S ribosomal protein S16, putative	0,178	0,04545
TcCLB.504175.9	hypothetical protein, conserved	0,178	0,081
TcCLB.506635.139	kasal-type serpin (pseudogene), putative	0,178	0,2183
TcCLB.506777.30	hypothetical protein, conserved	0,1779	0,1051
TcCLB.508515.150	trans-sialidase, Group VIII, putative	0,1779	0,5643
TcCLB.507689.20	hypothetical protein	0,1776	0,3909
TcCLB.509993.15	mucin-associated surface protein (MASP, pseudogene), pu	0,1776	0,4816
TcCLB.508547.190	hypothetical protein, conserved	0,1775	0,2356
TcCLB.511629.20	hypothetical protein, conserved	0,1775	0,2593
TcCLB.509921.51	hypothetical protein, conserved (pseudogene)	0,1775	0,5639
TcCLB.506735.10	mitochondrial processing peptidase alpha subunit, putative	0,1774	0,07659
TcCLB.508897.100	dynein light chain, putative	0,1773	0,3442
TcCLB.507047.120	myo-inositol-1(or 4)-monophosphatase 1, putative	0,1772	0,3539
TcCLB.456021.10	hypothetical protein, conserved (fragment)	0,177	0,5713
TcCLB.510889.100	hypothetical protein, conserved	0,1769	0,2724
TcCLB.503479.20	hypothetical protein, conserved (pseudogene)	0,1768	0,4825
TcCLB.509195.80	trans-sialidase (pseudogene), putative	0,1768	0,483
TcCLB.511825.50	centrin-4, putative (Centrin4)	0,1766	0,117
TcCLB.509693.70	hypoxanthine-guanine phosphoribosyltransferase, putative	0,1766	0,3225
TcCLB.511529.30	hypothetical protein, conserved	0,1766	0,3438
TcCLB.510579.70	nascent polypeptide associated complex subunit, putative	0,1763	0,04212
TcCLB.511071.100	Glycerophosphoryl diester phosphodiesterase family, putat	0,1763	0,1696
TcCLB.511491.100	phosphatase 2C, putative	0,1761	0,1699
TcCLB.508827.79	40S ribosomal protein S17, putative	0,176	0,04922
TcCLB.510659.180	hypothetical protein, conserved	0,176	0,1957
TcCLB.509549.15	mucin TcMUCII (pseudogene), putative	0,176	0,7696
TcCLB.510749.10	hypothetical protein, conserved	0,1759	0,2134
TcCLB.510463.90	mucin-associated surface protein (MASP), putative	0,1759	0,9141
TcCLB.506609.15	hypothetical protein (pseudogene)	0,1758	0,7116
TcCLB.511261.80	hypothetical protein, conserved	0,1756	0,1182
TcCLB.511903.10	hypothetical protein	0,1756	0,5688
TcCLB.506723.20	trans-sialidase, Group VII, putative	0,1755	0,4156
TcCLB.506399.20	hypothetical protein, conserved	0,1754	0,2582
TcCLB.506659.39	protein phosphatase 2C, putative	0,1754	0,5809
TcCLB.506287.90	hypothetical protein, conserved	0,1753	0,2413
TcCLB.510779.10	tryptophanyl-tRNA synthetase (pseudogene), putative	0,1753	0,4486
TcCLB.503849.40	mucin-associated surface protein (MASP), putative	0,1752	0,6232
TcCLB.506871.160	RNA guanylyltransferase, putative	0,175	0,1233
TcCLB.505807.54	hypothetical protein, conserved	0,175	0,3612
TcCLB.508175.320	hypothetical protein, conserved	0,1749	0,1422

TcCLB.509303.20	glycine dehydrogenase [decarboxylating] (pseudogene), pu	0,1749	0,5038
TcCLB.506175.20	hypothetical protein, conserved	0,1748	0,09268
TcCLB.506993.190	hypothetical protein	0,1748	0,7922
TcCLB.510339.14	hypothetical protein, conserved	0,1747	0,2379
TcCLB.508761.270	mucin-associated surface protein (MASP), putative	0,1745	0,596
TcCLB.509151.90	hypothetical protein, conserved	0,1744	0,19
TcCLB.509587.20	squalene monooxygenase, putative (fragment)	0,1743	0,1922
TcCLB.510733.40	hypothetical protein, conserved	0,1743	0,2477
TcCLB.508641.40	retrotransposon hot spot protein (RHS, pseudogene), putat	0,1743	0,5997
TcCLB.509443.30	AUT2/APG4/ATG4 cysteine peptidase, putative	0,1741	0,3906
TcCLB.506321.140	mucin-associated surface protein (MASP), putative	0,174	0,5985
TcCLB.486465.9	cysteine peptidase, Clan CA, family C51, putative	0,174	0,6045
TcCLB.510577.50	rhomboid-like protein, putative	0,1739	0,05165
TcCLB.511657.20	protein kinase, putative	0,1739	0,2259
TcCLB.509419.150	mucin-associated surface protein (MASP), putative	0,1739	0,6543
TcCLB.509825.30	hypothetical protein, conserved	0,1738	0,2567
TcCLB.508399.49	dispersed gene family protein 1 (DGF-1), putative	0,1737	0,395
TcCLB.424889.10	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, pu	0,1736	0,8154
TcCLB.511165.40	acidocalcisomal pyrophosphatase, putative	0,1735	0,1352
TcCLB.503501.70	mucin-associated surface protein (MASP), putative (fragm	0,1735	0,6845
TcCLB.508355.120	hypothetical protein, conserved	0,1734	0,1639
TcCLB.511711.100	hypothetical protein, conserved	0,1734	0,2545
TcCLB.509831.50	intraflagellar transport protein 88, putative (fragment) (IF	0,1733	0,3172
TcCLB.509793.10	kinetoplast-associated protein 4 (KAP4)	0,1733	0,3618
TcCLB.511725.40	hypothetical protein, conserved	0,1732	0,3317
TcCLB.508151.5	mucin-associated surface protein (MASP, pseudogene), pu	0,1732	0,8483
TcCLB.506937.30	60S ribosomal protein L14, putative	0,173	0,08984
TcCLB.508423.20	hypothetical protein, conserved (pseudogene)	0,173	0,1061
TcCLB.473633.9	dispersed gene family protein 1 (DGF-1), putative (fragme	0,1729	0,6031
TcCLB.511667.40	retrotransposon hot spot (RHS) protein, putative	0,1728	0,527
TcCLB.511511.170	ADP-ribosylation factor-like protein, putative	0,1727	0,2816
TcCLB.510731.40	katanin, putative	0,1727	0,3342
TcCLB.507523.10	trans-sialidase, putative	0,1727	0,5634
TcCLB.509033.100	hypothetical protein, conserved	0,1726	0,1874
TcCLB.506309.60	trans-sialidase, Group V, putative	0,1726	0,866
TcCLB.510355.110	hypothetical protein, conserved (pseudogene)	0,1725	0,5022
TcCLB.511283.300	hypothetical protein, conserved	0,1724	0,2029
TcCLB.506861.20	hypothetical protein, conserved	0,1721	0,2049
TcCLB.503791.49	vacuolar protein sorting-associated protein, putative (fragr	0,1721	0,3719
TcCLB.504787.90	mucin-associated surface protein (MASP, pseudogene), pu	0,1721	0,5591
TcCLB.508157.20	mucin-associated surface protein (MASP), putative	0,1721	0,6227
TcCLB.506799.50	mucin-associated surface protein (MASP), putative	0,172	0,4302
TcCLB.508211.70	hypothetical protein, conserved	0,1719	0,2307
TcCLB.478671.9	hypothetical protein, conserved	0,1718	0,176
TcCLB.506297.320	hypothetical protein	0,1718	0,2401

TcCLB.507993.200	hypothetical protein, conserved	0,1717	0,1236
TcCLB.511589.250	hypothetical protein, conserved	0,1716	0,2615
TcCLB.508873.250	mucin-associated surface protein (MASP), putative	0,1715	0,5489
TcCLB.506131.170	trans-sialidase, Group V, putative	0,1715	0,6955
TcCLB.506975.30	amidohydrolase, putative	0,1714	0,2213
TcCLB.508605.20	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, pu	0,1713	0,6237
TcCLB.504261.30	trans-sialidase (pseudogene), putative	0,1713	0,7233
TcCLB.509617.30	mismatch repair protein MSH5, putative	0,1711	0,324
TcCLB.507515.100	hypothetical protein, conserved	0,1711	0,4289
TcCLB.506245.160	retrotransposon hot spot (RHS) protein, putative	0,1711	0,6241
TcCLB.504741.210	hypothetical protein, conserved	0,171	0,1566
TcCLB.506123.40	nucleolar RNA helicase II, putative	0,1708	0,09123
TcCLB.509899.40	trans-sialidase (pseudogene), putative	0,1708	0,4703
TcCLB.506789.260	hypothetical protein, conserved	0,1708	0,4956
TcCLB.506821.170	aquaporin-like protein, putative	0,1707	0,187
TcCLB.503581.39	coatomer delta subunit, putative	0,1707	0,2462
TcCLB.507991.40	hypothetical protein	0,1707	0,2907
TcCLB.507017.150	AUT2/APG4/ATG4 cysteine peptidase, putative	0,1707	0,3382
TcCLB.506101.20	trans-sialidase (pseudogene), putative	0,1707	0,5409
TcCLB.509381.29	hypothetical protein, conserved	0,1706	0,1987
TcCLB.510629.450	hypothetical protein, conserved	0,1706	0,3208
TcCLB.476733.29	serine-threonine dehydratase, putative	0,1706	0,647
TcCLB.511167.70	DNA repair and recombination helicase protein PIF2, putat	0,1705	0,3465
TcCLB.509753.194	mucin-associated surface protein (MASP), putative	0,1704	0,8194
TcCLB.510123.10	hypothetical protein, conserved	0,1703	0,2262
TcCLB.507825.30	Present in the outer mitochondrial membrane proteome 2f	0,1701	0,1352
TcCLB.506599.315	hypothetical protein, conserved (pseudogene)	0,1701	0,6847
TcCLB.509295.110	dispersed gene family protein 1 (DGF-1, pseudogene), puta	0,1699	0,7371
TcCLB.511149.199	mucin TcMUCII (pseudogene), putative	0,1698	0,8092
TcCLB.503815.29	hypothetical protein, conserved	0,1697	0,5473
TcCLB.504827.130	eukaryotic translation initiation factor 4 gamma, putative	0,1696	0,1858
TcCLB.506489.50	serine/threonine protein kinase, putative	0,1695	0,3713
TcCLB.506413.20	40S ribosomal protein S33, putative	0,1694	0,1114
TcCLB.505943.50	hypothetical protein, conserved	0,1694	0,2358
TcCLB.509267.60	NADH-ubiquinone oxidoreductase complex I subunit, putati	0,1694	0,3787
TcCLB.507913.39	glutaminyl-tRNA synthetase, putative	0,1692	0,4386
TcCLB.507797.18	serine/threonine protein kinase, putative	0,1691	0,376
TcCLB.510911.14	hypothetical protein, conserved	0,169	0,2128
TcCLB.509259.140	glycine dehydrogenase [decarboxylating] (pseudogene), pu	0,169	0,3108
TcCLB.509161.80	hypothetical protein, conserved	0,1689	0,3159
TcCLB.507007.40	hypothetical protein, conserved	0,1689	0,3377
TcCLB.511521.9	hypothetical protein, conserved	0,1689	0,4959
TcCLB.509979.365	surface protease GP63 (pseudogene), putative	0,1689	0,7462
TcCLB.508461.510	60S ribosomal protein L27A/L29, putative	0,1688	0,2134
TcCLB.507711.290	hypothetical protein, conserved	0,1687	0,342

TcCLB.511367.180	hypothetical protein	0,1682	0,154
TcCLB.508355.100	diacylglycerol acyltransferase, putative	0,168	0,1073
TcCLB.509927.10	trans-sialidase, putative (fragment)	0,168	0,4176
TcCLB.503697.130	hypothetical protein, conserved	0,1677	0,1114
TcCLB.506681.24	hypothetical protein, conserved	0,1677	0,2522
TcCLB.511367.360	elongation factor 1-alpha, putative	0,1676	0,008648
TcCLB.506569.50	expression site-associated gene (ESAG-like) protein, putative	0,1675	0,8456
TcCLB.510351.60	hypothetical protein, conserved	0,1674	0,4371
TcCLB.511287.120	40S ribosomal protein S2, putative	0,1673	0,03823
TcCLB.508911.60	hypothetical protein, conserved	0,1673	0,1274
TcCLB.506821.120	hypothetical protein, conserved	0,1673	0,3797
TcCLB.510897.6	Dynein light chain LC6, flagellar outer arm, putative	0,1672	0,3421
TcCLB.505025.60	90 kDa surface protein, putative	0,1672	0,7747
TcCLB.507011.60	structural maintenance of chromosome (SMC) family protein	0,1671	0,07401
TcCLB.511625.20	hypothetical protein, conserved	0,1671	0,3894
TcCLB.511071.90	hypothetical protein	0,167	0,5957
TcCLB.511871.120	mucin-associated surface protein (MASP), putative	0,167	0,6443
TcCLB.503647.20	hypothetical protein, conserved	0,1669	0,5026
TcCLB.508593.140	hypothetical protein, conserved	0,1668	0,1801
TcCLB.506097.9	dynein heavy chain, putative (fragment)	0,1668	0,2358
TcCLB.506555.9	hypothetical protein, conserved (fragment)	0,1668	0,3787
TcCLB.508547.110	ATP-dependent DEAD/H RNA helicase, putative	0,1667	0,0977
TcCLB.504427.140	hypothetical protein, conserved	0,1667	0,2275
TcCLB.437575.18	transporter, putative	0,1666	0,5321
TcCLB.510483.230	mucin-associated surface protein (MASP), putative	0,1664	0,7438
TcCLB.510903.80	retrotransposon hot spot protein (RHS, pseudogene), putative	0,1663	0,05412
TcCLB.511903.250	hypothetical protein, conserved	0,1663	0,3231
TcCLB.507029.30	heat shock 70 kDa protein, mitochondrial precursor, putative	0,1662	0,08374
TcCLB.510329.160	hypothetical protein, conserved	0,1659	0,0749
TcCLB.506217.10	hypothetical protein	0,1659	0,6547
TcCLB.508469.59	helicase, putative	0,1657	0,2703
TcCLB.506365.20	retrotransposon hot spot protein (RHS, pseudogene), putative	0,1656	0,08894
TcCLB.504149.124	conserved protein, unknown function	0,1655	0,1882
TcCLB.510359.10	hypothetical protein, conserved	0,1655	0,4097
TcCLB.503679.10	aspartate aminotransferase, putative	0,1655	0,4641
TcCLB.507769.40	GTP-binding protein, putative	0,1654	0,2096
TcCLB.505989.70	surface protease GP63, putative	0,1653	0,3413
TcCLB.510681.30	lipase, putative	0,1652	0,2899
TcCLB.510731.10	trans-sialidase, putative	0,1652	0,8895
TcCLB.507637.150	mucin-associated surface protein (MASP, pseudogene), putative	0,1651	0,5616
TcCLB.511415.11	retrotransposon hot spot (RHS) protein, putative (fragment)	0,165	0,4275
TcCLB.507071.230	trans-sialidase, Group V, putative	0,165	0,65
TcCLB.508365.200	mucin-associated surface protein (MASP), putative	0,1648	0,8373
TcCLB.506961.110	hypothetical protein, conserved (pseudogene)	0,1647	0,1524
TcCLB.510047.10	hypothetical protein, conserved	0,1647	0,1914

TcCLB.506743.190	hypothetical protein, conserved	0,1647	0,3746
TcCLB.503583.40	trans-splicing factor, putative	0,1645	0,2921
TcCLB.510205.80	mucin-associated surface protein (MASP), putative	0,1645	0,7284
TcCLB.508363.10	hypothetical protein	0,1645	0,7911
TcCLB.507513.50	heat shock 70 kDa protein, putative	0,1644	0,1231
TcCLB.509171.90	splicing factor 3a, putative	0,1644	0,2064
TcCLB.510899.19	hypothetical protein, conserved	0,1644	0,4797
TcCLB.425839.10	kinesin, putative	0,1644	0,4937
TcCLB.506767.240	mucin-associated surface protein (MASP), putative	0,1644	0,687
TcCLB.511909.40	Succinate dehydrogenase [ubiquinone] flavoprotein subuni	0,1642	0,08094
TcCLB.508299.80	threonyl-tRNA synthetase, putative	0,1642	0,1311
TcCLB.508461.50	hypothetical protein	0,1641	0,4203
TcCLB.506469.40	hypothetical protein, conserved	0,1641	0,4765
TcCLB.506337.70	2-oxoglutarate dehydrogenase E1 component, putative	0,164	0,02866
TcCLB.509841.10	trans-sialidase, putative	0,164	0,799
TcCLB.506529.60	hypothetical protein, conserved	0,1637	0,4438
TcCLB.506905.59	SNF2 DNA repair protein, putative (fragment)	0,1635	0,1684
TcCLB.507027.40	hypothetical protein, conserved	0,1635	0,3859
TcCLB.510045.20	ABC transporter, putative	0,1635	0,4247
TcCLB.509875.90	retrotransposon hot spot protein (RHS, pseudogene), putat	0,1635	0,5659
TcCLB.504131.20	hypothetical protein, conserved	0,1634	0,09499
TcCLB.478071.10	trans-sialidase (pseudogene), putative	0,1633	0,3575
TcCLB.507099.120	hypothetical protein, conserved	0,1631	0,112
TcCLB.510077.20	trans-sialidase (pseudogene), putative	0,1631	0,2034
TcCLB.503501.30	surface protease GP63 (pseudogene), putative	0,1629	0,8181
TcCLB.505023.10	trans-sialidase (pseudogene), putative	0,1628	0,4887
TcCLB.511259.220	mucin-associated surface protein (MASP), putative	0,1628	0,7138
TcCLB.506573.91	coatomer delta subunit, putative	0,1628	0,7222
TcCLB.510629.460	hypothetical protein	0,1627	0,1584
TcCLB.510575.150	hypothetical protein, conserved	0,1626	0,18
TcCLB.509965.220	hypothetical protein, conserved	0,1624	0,1723
TcCLB.506633.30	hypothetical protein, conserved	0,1624	0,2428
TcCLB.509959.198	ATP-dependent DEAD/H RNA helicase (pseudogene), putat	0,1624	0,7455
TcCLB.509671.10	hypothetical protein, conserved	0,1623	0,09317
TcCLB.511277.340	paralyzed flagella protein 20 (PF20)	0,1623	0,1559
TcCLB.509445.30	solanesyl-diphosphate synthase (SPPS)	0,1622	0,07351
TcCLB.507059.30	retrotransposon hot spot protein (RHS, pseudogene), putat	0,1622	0,4174
TcCLB.510573.10	actin 2, putative (fragment)	0,1621	0,1244
TcCLB.508441.70	enoyl-CoA hydratase/Enoyl-CoA isomerase/3-hydroxyacyl-(	0,1621	0,1457
TcCLB.507611.398	RNA editing complex protein MP63, putative (fragment)	0,1621	0,1499
TcCLB.507831.40	hypothetical protein, conserved	0,1621	0,3089
TcCLB.507001.120	hypothetical protein, conserved	0,1621	0,4174
TcCLB.508631.40	hypothetical protein, conserved (pseudogene)	0,162	0,2713
TcCLB.503945.20	hypothetical protein, conserved	0,162	0,5407
TcCLB.506763.270	hypothetical protein, conserved (pseudogene)	0,162	0,6577

TcCLB.508999.269	hypothetical protein, conserved (fragment)	0,1619	0,3929
TcCLB.508273.50	hypothetical protein, conserved	0,1618	0,3461
TcCLB.506501.141	syntaxin binding protein (pseudogene), putative	0,1618	0,7932
TcCLB.507099.30	Ran-binding protein 1, putative	0,1617	0,1552
TcCLB.508641.180	RNA-binding protein 38, putative (RBP38)	0,1616	0,1419
TcCLB.508375.20	trans-sialidase, Group V, putative	0,1616	0,4476
TcCLB.508161.50	trans-sialidase, putative	0,1615	0,7374
TcCLB.510361.240	mucin-associated surface protein (MASP, pseudogene), pu	0,1615	0,7616
TcCLB.508181.60	hypothetical protein, conserved	0,1612	0,1256
TcCLB.506227.50	hypothetical protein, conserved	0,1612	0,375
TcCLB.511685.40	hypothetical protein	0,1611	0,2884
TcCLB.510729.100	hypothetical protein, conserved	0,1609	0,1902
TcCLB.506113.90	retrotransposon hot spot protein (RHS, pseudogene), putat	0,1609	0,2356
TcCLB.511367.370	elongation factor 1-alpha, putative	0,1608	0,01189
TcCLB.508799.190	hypothetical protein, conserved	0,1608	0,1643
TcCLB.509779.60	dual-specificity protein phosphatase, putative	0,1608	0,7837
TcCLB.507641.233	ribosomal protein L37, putative	0,1605	0,1057
TcCLB.507993.300	hypothetical protein, conserved	0,1605	0,376
TcCLB.506223.40	hypothetical protein, conserved	0,1604	0,3155
TcCLB.504131.30	ubiquitin-activating enzyme, putative	0,1603	0,27
TcCLB.511129.80	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, pi	0,1603	0,5601
TcCLB.506679.250	ribosomal protein L24, putative	0,1602	0,08945
TcCLB.507537.30	cysteinyl-tRNA synthetase, putative	0,1602	0,1035
TcCLB.511301.10	oxidoreductase-like protein, putative	0,1602	0,5485
TcCLB.510693.240	trans-sialidase, Group VI, putative	0,1602	0,6884
TcCLB.508387.110	hypothetical protein, conserved	0,1601	0,3032
TcCLB.506963.30	hypothetical protein, conserved	0,1601	0,396
TcCLB.510729.280	trans-sialidase, Group III, putative	0,1601	0,4398
TcCLB.511391.140	alpha-adaptin-like, putative	0,16	0,1942
TcCLB.510535.80	hypothetical protein, conserved	0,1599	0,5184
TcCLB.510275.340	mucin-associated surface protein (MASP, pseudogene), pu	0,1599	0,612
TcCLB.506279.100	hypothetical protein	0,1598	0,5948
TcCLB.503919.40	hypothetical protein, conserved	0,1597	0,158
TcCLB.510855.4	hypothetical protein, conserved	0,1597	0,3088
TcCLB.508457.40	hypothetical protein	0,1597	0,4164
TcCLB.511311.30	trans-sialidase, Group II, putative	0,1596	0,5576
TcCLB.503633.21	mucin TcMUCII (pseudogene), putative	0,1596	0,834
TcCLB.509791.80	hypothetical protein	0,1595	0,108
TcCLB.511589.10	ATP synthase, putative	0,1595	0,2315
TcCLB.509805.150	hypothetical protein, conserved	0,1594	0,227
TcCLB.508407.10	membrane associated protein, putative	0,1594	0,3518
TcCLB.510025.260	mucin-associated surface protein (MASP), putative	0,1594	0,6483
TcCLB.511607.90	mucin-associated surface protein (MASP, pseudogene), pu	0,1592	0,6423
TcCLB.506625.180	hypothetical protein, conserved	0,1591	0,2672
TcCLB.509017.20	hypothetical protein, conserved	0,1591	0,2987

TcCLB.506053.60	hypothetical protein (fragment)	0,159	0,4057
TcCLB.503771.10	mucin-associated surface protein (MASP), putative	0,159	0,8905
TcCLB.511071.160	hypothetical protein, conserved	0,1589	0,3741
TcCLB.510597.20	hypothetical protein, conserved	0,1589	0,4242
TcCLB.507799.10	mannosyl-oligosaccharide 1,2-alpha-mannosidase IB, puta	0,1589	0,6706
TcCLB.508859.90	phosphatidylinositol 3-kinase 2, putative	0,1588	0,2798
TcCLB.503735.30	hypothetical protein, conserved	0,1588	0,284
TcCLB.506349.40	glycine dehydrogenase [decarboxylating] (pseudogene), pu	0,1587	0,7453
TcCLB.508547.140	hypothetical protein, conserved	0,1586	0,3454
TcCLB.503453.40	60S ribosomal protein L30, putative	0,1586	0,4902
TcCLB.510955.20	hypothetical protein, conserved	0,1585	0,1982
TcCLB.506419.60	nucleoporin (NUP54/57), putative	0,1585	0,2087
TcCLB.510571.20	leucine-rich repeat protein 1 (LRRP1), putative	0,1585	0,45
TcCLB.507057.20	hypothetical protein, conserved	0,1584	0,3486
TcCLB.510257.70	hypothetical protein, conserved	0,1583	0,1655
TcCLB.509399.90	hypothetical protein	0,1583	0,4246
TcCLB.509575.4	trans-sialidase, putative (fragment)	0,1583	0,7066
TcCLB.511261.150	hypothetical protein, conserved	0,1582	0,4297
TcCLB.506605.220	hypothetical protein, conserved	0,1581	0,3048
TcCLB.510021.50	mucin-associated surface protein (MASP), putative	0,1577	0,7838
TcCLB.509797.9	hypothetical protein, conserved (pseudogene)	0,1576	0,3068
TcCLB.505757.10	hypothetical protein, conserved	0,1576	0,4908
TcCLB.506337.150	hypothetical protein, conserved	0,1575	0,3729
TcCLB.511131.40	hypothetical protein	0,1575	0,4122
TcCLB.511807.280	hypothetical protein, conserved	0,1574	0,03092
TcCLB.509765.95	mucin-associated surface protein (MASP, pseudogene), pu	0,1572	0,5601
TcCLB.507637.180	mucin-associated surface protein (MASP, pseudogene), pu	0,1572	0,5838
TcCLB.511677.20	trans-sialidase, putative	0,1572	0,8004
TcCLB.506741.140	mucin-associated surface protein (MASP), putative	0,1571	0,7532
TcCLB.506267.19	hypothetical protein	0,157	0,7058
TcCLB.509999.130	hypothetical protein, conserved	0,1568	0,2186
TcCLB.506211.160	Mitochondrial ADP/ATP carrier protein 5, putative (MCP5)	0,1566	0,2356
TcCLB.509569.60	hypothetical protein, conserved	0,1566	0,3209
TcCLB.509243.20	hypothetical protein, conserved	0,1566	0,6551
TcCLB.506525.130	mitochondrial carrier protein, putative	0,1565	0,368
TcCLB.507009.20	hypothetical protein, conserved	0,1565	0,5015
TcCLB.510105.100	UDP-glucose dehydrogenase, putative	0,1564	0,2672
TcCLB.506513.24	hypothetical protein, conserved	0,1563	0,3687
TcCLB.508875.10	hypothetical protein (fragment)	0,1563	0,7502
TcCLB.418221.10	hypothetical protein, conserved	0,1562	0,1857
TcCLB.508985.10	mucin-associated surface protein (MASP, pseudogene), pu	0,156	0,6002
TcCLB.511257.40	hypothetical protein, conserved	0,1559	0,2565
TcCLB.510091.30	hypothetical protein, conserved	0,1557	0,298
TcCLB.509979.130	hypothetical protein, conserved	0,1556	0,1097
TcCLB.506915.10	hypothetical protein, conserved	0,1556	0,1786

TcCLB.511529.200	hypothetical protein, conserved	0,1555	0,265
TcCLB.509167.190	protein kinase-like protein, putative	0,1554	0,1243
TcCLB.511715.80	hypothetical protein, conserved	0,1554	0,2739
TcCLB.508111.20	hypothetical protein, conserved	0,1552	0,2945
TcCLB.511805.15	ribosomal protein S29, putative	0,1552	0,7333
TcCLB.506679.230	ribosomal protein L24, putative	0,1551	0,1118
TcCLB.503663.4	hypothetical protein, conserved (fragment)	0,1551	0,5197
TcCLB.503981.9	hypothetical protein, conserved (pseudogene)	0,155	0,4665
TcCLB.507771.114	hypothetical protein, conserved	0,155	0,6237
TcCLB.506965.130	mucin-associated surface protein (MASP), putative	0,1549	0,6167
TcCLB.503521.39	mitochondrial carrier protein, putative	0,1548	0,4437
TcCLB.506443.20	hypothetical protein, conserved	0,1547	0,3971
TcCLB.511627.159	hypothetical protein, conserved (fragment)	0,1547	0,5319
TcCLB.503973.150	mucin-associated surface protein (MASP), putative	0,1547	0,7919
TcCLB.511419.30	hypothetical protein, conserved	0,1545	0,4476
TcCLB.435051.10	trans-sialidase, putative (fragment)	0,1545	0,8037
TcCLB.504429.50	trans-sialidase (pseudogene), putative	0,1544	0,4995
TcCLB.506523.9	dispersed gene family protein 1 (DGF-1), putative	0,1544	0,6762
TcCLB.508013.50	mucin TcMUCII, putative	0,1544	0,8342
TcCLB.511001.200	hypothetical protein, conserved	0,1543	0,3587
TcCLB.509751.28	mucin-associated surface protein (MASP, pseudogene), pu	0,1541	0,2678
TcCLB.506887.110	hypothetical protein, conserved (pseudogene)	0,1541	0,4269
TcCLB.508197.10	60S ribosomal protein L11, putative	0,1539	0,0578
TcCLB.508227.40	mucin-associated surface protein (MASP), putative	0,1539	0,5563
TcCLB.509177.20	hypothetical protein	0,1537	0,3743
TcCLB.511505.30	hypothetical protein, conserved	0,1537	0,498
TcCLB.506367.160	hypothetical protein, conserved	0,1536	0,3174
TcCLB.506633.20	hypothetical protein, conserved	0,1535	0,1951
TcCLB.509047.119	hypothetical protein, conserved (fragment)	0,1535	0,6199
TcCLB.509885.70	transporter, putative	0,1534	0,227
TcCLB.503891.110	dolicholphosphate-mannose synthase, putative	0,153	0,3943
TcCLB.509911.130	hypothetical protein, conserved	0,1524	0,1711
TcCLB.504141.20	hypothetical protein, conserved	0,1523	0,2843
TcCLB.509767.120	hypothetical protein, conserved	0,1523	0,2872
TcCLB.507049.5	kynurenine aminotransferase (pseudogene), putative	0,152	0,3621
TcCLB.506919.60	hypothetical protein	0,152	0,7458
TcCLB.511133.10	hypothetical protein, conserved	0,1518	0,5333
TcCLB.510101.210	hypothetical protein, conserved	0,1516	0,2431
TcCLB.504179.90	hypothetical protein, conserved	0,1516	0,2471
TcCLB.506829.50	hypothetical protein, conserved	0,1516	0,4106
TcCLB.506955.50	trans-sialidase (pseudogene), putative	0,1516	0,6178
TcCLB.509399.80	hypothetical protein, conserved	0,1515	0,2691
TcCLB.511277.170	ATP-dependent zinc metallopeptidase, putative	0,1514	0,1195
TcCLB.511109.70	hypothetical protein, conserved	0,1514	0,2117
TcCLB.506825.160	hypothetical protein, conserved	0,1513	0,3505



TcCLB.510751.30	hypothetical protein	0,1512	0,3312
TcCLB.441923.10	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, pu	0,151	0,5217
TcCLB.506599.320	hypothetical protein	0,151	0,8479
TcCLB.508981.20	hypothetical protein, conserved	0,1509	0,4688
TcCLB.511471.10	hypothetical protein, conserved (pseudogene)	0,1509	0,5248
TcCLB.511445.160	copper-transporting ATPase-like protein, putative	0,1508	0,08115
TcCLB.511421.200	ARM-like helical domain-containing protein	0,1508	0,1843
TcCLB.507911.33	retrotransposon hot spot protein (RHS, pseudogene), putat	0,1506	0,7498
TcCLB.511541.20	hypothetical protein	0,1505	0,2584
TcCLB.511149.50	mucin TcMUCII, putative	0,1504	0,7932
TcCLB.506435.460	hypothetical protein	0,1503	0,3563
TcCLB.508471.10	hypothetical protein, conserved	0,1503	0,4487
TcCLB.503701.9	dispersed gene family protein 1 (DGF-1, pseudogene), puta	0,1502	0,5908
TcCLB.510303.180	hypothetical protein, conserved	0,1501	0,06841
TcCLB.510297.90	hypothetical protein, conserved	0,15	0,159
TcCLB.511671.30	beta galactofuranosyl glycosyltransferase, putative	0,1499	0,7087
TcCLB.508977.111	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	0,1496	0,6756
TcCLB.503417.33	hypothetical protein	0,1495	0,8278
TcCLB.509665.13	trans-sialidase (pseudogene), putative	0,1494	0,6572
TcCLB.510065.20	DNA repair protein, putative	0,1493	0,1821
TcCLB.509717.80	glyceraldehyde 3-phosphate dehydrogenase, cytosolic, puta	0,1493	0,3432
TcCLB.511871.10	hypothetical protein, conserved	0,1493	0,5292
TcCLB.511555.110	hypothetical protein, conserved	0,1492	0,1536
TcCLB.506885.60	hypothetical protein, conserved	0,1492	0,262
TcCLB.506205.20	hypothetical protein	0,1491	0,2433
TcCLB.510687.140	alkylated DNA repair protein, putative	0,1491	0,2944
TcCLB.510187.280	hypothetical protein, conserved	0,1491	0,3986
TcCLB.503557.10	hypothetical protein, conserved	0,149	0,4849
TcCLB.508977.10	trans-sialidase, Group V, putative	0,149	0,5472
TcCLB.508325.310	hypothetical protein, conserved	0,149	0,5909
TcCLB.509967.150	hypothetical protein, conserved	0,1489	0,2658
TcCLB.511527.60	hypothetical protein, conserved	0,1489	0,3766
TcCLB.510989.60	hypothetical protein, conserved	0,1488	0,2281
TcCLB.506815.60	60S ribosomal protein L44 (RPL44)	0,1487	0,09673
TcCLB.503815.20	lysyl-tRNA synthetase, putative	0,1487	0,3507
TcCLB.508163.120	mucin-associated surface protein (MASP, pseudogene), pu	0,1487	0,6213
TcCLB.511183.420	mucin-associated surface protein (MASP, pseudogene), pu	0,1487	0,6747
TcCLB.507001.14	Present in the outer mitochondrial membrane proteome 8	0,1485	0,5116
TcCLB.509023.10	calcium binding protein EF hand, putative	0,1482	0,1963
TcCLB.507811.30	ATP-dependent DEAD/H RNA helicase, putative	0,1482	0,2375
TcCLB.510115.10	trans-sialidase (pseudogene), putative	0,1482	0,5335
TcCLB.504121.39	60S ribosomal protein L14, putative (fragment)	0,1481	0,1368
TcCLB.503703.30	hypothetical protein, conserved	0,148	0,3096
TcCLB.511141.30	protein kinase, putative	0,148	0,5866
TcCLB.507069.180	mucin-associated surface protein (MASP), putative	0,148	0,7834

TcCLB.508641.230	hypothetical protein, conserved	0,1479	0,2357
TcCLB.507165.20	hypothetical protein, conserved	0,1479	0,5907
TcCLB.504051.30	hypothetical protein, conserved	0,1476	0,2956
TcCLB.509561.50	hypothetical protein, conserved	0,1476	0,3809
TcCLB.508011.120	trans-sialidase (pseudogene), putative	0,1475	0,7177
TcCLB.506963.10	60S ribosomal protein L10a, putative	0,1474	0,05363
TcCLB.509167.40	amino acid permease, putative	0,1474	0,2869
TcCLB.507047.160	hypothetical protein, conserved	0,1474	0,598
TcCLB.506599.360	mucin-associated surface protein (MASP, pseudogene), pu	0,1474	0,7505
TcCLB.507041.30	hypothetical protein, conserved	0,1472	0,3847
TcCLB.510431.170	hypothetical protein, conserved	0,1471	0,2968
TcCLB.511501.50	GTPase activating protein, putative	0,1471	0,3069
TcCLB.511267.30	cholinephosphate cytidyltransferase A, putative	0,147	0,1949
TcCLB.508891.50	hypothetical protein	0,147	0,239
TcCLB.507673.10	serine/threonine-protein phosphatase PP1, putative	0,147	0,5219
TcCLB.506605.174	hypothetical protein, conserved	0,147	0,5276
TcCLB.506609.70	mucin-associated surface protein (MASP), putative	0,147	0,7823
TcCLB.506797.80	hypothetical protein, conserved	0,1469	0,4132
TcCLB.508879.70	hypothetical protein, conserved	0,1468	0,4552
TcCLB.507005.80	hypothetical protein, conserved	0,1467	0,536
TcCLB.504493.10	mucin-associated surface protein (MASP), putative (fragm	0,1467	0,8021
TcCLB.506321.320	suppressive immunomodulating factor, putative (TSIF)	0,1466	0,2232
TcCLB.505997.200	hypothetical protein, conserved	0,1464	0,4123
TcCLB.508815.100	hypothetical protein, conserved	0,1463	0,2326
TcCLB.510119.9	elongation factor 1-alpha, putative	0,1462	0,03253
TcCLB.510341.10	hypothetical protein	0,1462	0,612
TcCLB.511653.60	hypothetical protein, conserved	0,1461	0,4772
TcCLB.511289.50	mitogen-activated protein kinase 9, putative (MPK9)	0,1459	0,2949
TcCLB.506131.190	mucin-associated surface protein (MASP), putative	0,1459	0,7901
TcCLB.503909.68	hypothetical protein, conserved	0,1458	0,4335
TcCLB.505097.49	expression site-associated gene (ESAG-like) protein, putati	0,1457	0,7606
TcCLB.510055.10	trans-sialidase, putative	0,1456	0,5335
TcCLB.509925.5	trans-sialidase (pseudogene), putative	0,1456	0,6915
TcCLB.506375.70	hypothetical protein, conserved	0,1455	0,514
TcCLB.506457.20	hypothetical protein, conserved	0,1454	0,4373
TcCLB.506831.5	hypothetical protein, conserved (fragment)	0,1454	0,6574
TcCLB.508405.40	40S ribosomal protein S11, putative	0,1452	0,1335
TcCLB.511167.90	14-3-3 protein 2, putative (14-3-3-II)	0,1452	0,1796
TcCLB.510487.50	mucin-associated surface protein (MASP), putative	0,1451	0,7701
TcCLB.508349.20	tRNA nucleotidyltransferase, putative	0,1448	0,2757
TcCLB.510615.10	hypothetical protein, conserved	0,1447	0,2936
TcCLB.510603.110	hypothetical protein, conserved	0,1447	0,5369
TcCLB.503575.34	ribosomal protein L38, putative	0,1446	0,1898
TcCLB.505957.80	retrotransposon hot spot protein (RHS, pseudogene), putat	0,1446	0,4096
TcCLB.506967.50	mucin-associated surface protein (MASP), putative	0,1443	0,8092

TcCLB.511269.20	Multisite-specific tRNA:(cytosine-C(5))-methyltransferase,	0,1441	0,2086
TcCLB.506503.60	hypothetical protein, conserved	0,1441	0,2965
TcCLB.506313.10	retrotransposon hot spot (RHS) protein, putative (fragment)	0,144	0,2723
TcCLB.511181.130	hypothetical protein	0,1438	0,385
TcCLB.511745.60	hypothetical protein	0,1438	0,71
TcCLB.511907.240	protein kinase, putative	0,1437	0,2274
TcCLB.509171.29	RNA pseudouridylate synthase, putative	0,1436	0,3211
TcCLB.510529.20	hypothetical protein, conserved	0,1436	0,333
TcCLB.503953.10	hypothetical protein, conserved	0,1435	0,2294
TcCLB.508231.204	hypothetical protein, conserved	0,1434	0,4974
TcCLB.510643.130	damage-specific DNA binding protein, putative	0,1433	0,1559
TcCLB.511277.410	hypothetical protein, conserved	0,1433	0,2742
TcCLB.504741.160	ribosomal protein L11, putative	0,1433	0,4455
TcCLB.510967.30	hypothetical protein	0,1432	0,6101
TcCLB.505051.30	tryptophanyl-tRNA synthetase, putative (fragment)	0,1429	0,8313
TcCLB.511859.40	hypothetical protein, conserved	0,1427	0,5785
TcCLB.506871.90	hypothetical protein, conserved	0,1426	0,1707
TcCLB.510405.9	hypothetical protein, conserved (fragment)	0,1426	0,253
TcCLB.511577.188	hypothetical protein, conserved	0,1426	0,4569
TcCLB.508127.9	hypothetical protein, conserved	0,1424	0,2782
TcCLB.506479.60	kinesin heavy chain, putative	0,1424	0,3124
TcCLB.506789.330	hypothetical protein, conserved	0,1424	0,3622
TcCLB.504121.30	60S ribosomal protein L4, putative	0,1423	0,1062
TcCLB.509011.54	ubiquinol-cytochrome c reductase, putative	0,1421	0,552
TcCLB.506925.150	protein phosphatase, putative	0,142	0,2545
TcCLB.508153.1080	hypothetical protein, conserved	0,142	0,4008
TcCLB.504081.540	trans-sialidase, Group V, putative	0,142	0,7288
TcCLB.406933.10	retrotransposon hot spot (RHS) protein, putative	0,1419	0,5377
TcCLB.504125.60	Kinesin-13 3, putative (KIN13-3)	0,1418	0,1212
TcCLB.511797.167	mucin-associated surface protein (MASP), putative	0,1417	0,8329
TcCLB.506473.4	hypothetical protein, conserved (pseudogene)	0,1417	0,8346
TcCLB.506211.10	lipoic acid synthetase, mitochondrial precursor, putative	0,1416	0,4226
TcCLB.506869.40	mitochondrial RNA binding complex 1 subunit, putative	0,1415	0,3205
TcCLB.511927.30	hypothetical protein, conserved	0,1414	0,627
TcCLB.511211.230	hypothetical protein, conserved	0,1412	0,2637
TcCLB.506605.160	histone acetyltransferase, putative	0,1412	0,3221
TcCLB.508889.10	hypothetical protein, conserved	0,1411	0,318
TcCLB.509127.80	hypothetical protein, conserved	0,1411	0,5517
TcCLB.507895.170	hypothetical protein, conserved	0,1409	0,3592
TcCLB.511599.90	mucin-associated surface protein (MASP), putative	0,1409	0,7844
TcCLB.510373.90	mucin-associated surface protein (MASP), putative	0,1408	0,7691
TcCLB.508851.70	hypothetical protein	0,1407	0,404
TcCLB.511277.550	hypothetical protein, conserved	0,1407	0,5639
TcCLB.510279.160	trans-sialidase (pseudogene), putative	0,1405	0,765
TcCLB.508827.70	40S ribosomal protein S17, putative	0,1404	0,1692

TcCLB.506529.200	hypothetical protein, conserved	0,1404	0,3337
TcCLB.503563.10	calcium-translocating P-type ATPase, putative	0,1404	0,4098
TcCLB.510089.210	hypothetical protein, conserved	0,1402	0,391
TcCLB.507817.40	hypothetical protein, conserved	0,1402	0,494
TcCLB.508819.50	katanin, putative (fragment)	0,14	0,5238
TcCLB.511465.30	hypothetical protein, conserved	0,14	0,554
TcCLB.447255.10	hypothetical protein, conserved	0,1399	0,333
TcCLB.506537.280	glycine dehydrogenase [decarboxylating] (pseudogene), pu	0,1399	0,3486
TcCLB.507929.10	kinesin, putative (fragment)	0,1398	0,3307
TcCLB.511277.450	GPI-anchor transamidase subunit 8, putative (GPI8)	0,1396	0,3313
TcCLB.504147.90	hypothetical protein, conserved	0,1396	0,3479
TcCLB.510659.219	hypothetical protein, conserved	0,1396	0,4452
TcCLB.506625.130	hypothetical protein, conserved	0,1396	0,6551
TcCLB.506513.180	hypothetical protein, conserved	0,1395	0,3239
TcCLB.508777.90	ATP-dependent DNA helicase, putative	0,1395	0,3255
TcCLB.503827.94	chitin binding-like protein (pseudogene), putative	0,1395	0,8281
TcCLB.507519.110	60S ribosomal protein L7, putative	0,1394	0,08721
TcCLB.511263.50	hypothetical protein, conserved	0,1394	0,6498
TcCLB.510941.20	hypothetical protein, conserved	0,1393	0,3973
TcCLB.503599.50	hypothetical protein, conserved	0,1393	0,5015
TcCLB.506537.110	hypothetical protein, conserved	0,1393	0,5685
TcCLB.506321.190	mucin TcMUCII, putative	0,1393	0,7821
TcCLB.511901.30	Glycerophosphoryl diester phosphodiesterase family, putat	0,1392	0,3042
TcCLB.508873.425	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	0,1392	0,5045
TcCLB.506351.70	hypothetical protein, conserved	0,1391	0,2712
TcCLB.511277.614	hypothetical protein	0,1391	0,6895
TcCLB.507911.50	hypothetical protein, conserved	0,139	0,4202
TcCLB.508919.189	dispersed gene family protein 1 (DGF-1), putative	0,139	0,5193
TcCLB.410797.10	surface protease GP63, putative	0,1389	0,4333
TcCLB.506691.80	hypothetical protein, conserved	0,1388	0,2907
TcCLB.510903.10	tRNA pseudouridine synthase, putative	0,1388	0,4755
TcCLB.507629.30	hypothetical protein, conserved	0,1387	0,3198
TcCLB.503697.100	hypothetical protein, conserved	0,1386	0,172
TcCLB.511861.90	retrotransposon hot spot (RHS) protein, putative	0,1386	0,4447
TcCLB.507031.120	metallo- peptidase, Clan MG, Family M24	0,1385	0,2809
TcCLB.507027.80	hypothetical protein, conserved	0,1385	0,2943
TcCLB.509471.40	hypothetical protein, conserved	0,1384	0,4418
TcCLB.511671.149	phosphate transporter, putative (PHO91)	0,1383	0,3675
TcCLB.510719.10	vacuolar protein sorting-associated protein-like, putative	0,1382	0,2695
TcCLB.448567.9	dynein heavy chain, putative	0,1382	0,4428
TcCLB.509039.49	hypothetical protein, conserved	0,138	0,6255
TcCLB.508471.19	hypothetical protein, conserved (fragment)	0,1379	0,2201
TcCLB.506341.40	hypothetical protein	0,1379	0,7976
TcCLB.504033.180	hypothetical protein, conserved	0,1376	0,1188
TcCLB.510963.10	DNA damage repair protein, putative	0,1375	0,2715

TcCLB.509259.130	protein kinase, putative	0,1375	0,8307
TcCLB.506127.30	phenylalanyl-tRNA synthetase, putative	0,1372	0,1199
TcCLB.503733.30	hypothetical protein, conserved	0,1372	0,3829
TcCLB.506821.50	hypothetical protein	0,1371	0,5659
TcCLB.506045.19	dispersed gene family protein 1 (DGF-1), putative (fragme	0,1371	0,595
TcCLB.505035.10	hypothetical protein	0,137	0,4661
TcCLB.510929.10	trans-sialidase, putative	0,137	0,8385
TcCLB.504115.90	retrotransposon hot spot protein (RHS, pseudogene), putat	0,1369	0,5009
TcCLB.509679.9	leucyl-tRNA synthetase, putative	0,1368	0,495
TcCLB.506793.20	hypothetical protein, conserved	0,1367	0,2882
TcCLB.511063.100	trans-sialidase (pseudogene), putative	0,1367	0,7825
TcCLB.508699.20	Translation initiation factor eIF-2B subunit epsilon, putativ	0,1366	0,2063
TcCLB.505999.50	hypothetical protein, conserved	0,1366	0,5294
TcCLB.504035.149	kinesin, putative	0,1365	0,4034
TcCLB.504105.110	hypothetical protein, conserved	0,1363	0,1495
TcCLB.509831.36	guide RNA-binding protein of 21 kDa (gBP21)	0,1362	0,2317
TcCLB.510089.190	hypothetical protein, conserved	0,1362	0,3067
TcCLB.507205.10	mucin-associated surface protein (MASP, pseudogene), pu	0,1362	0,7861
TcCLB.506355.80	flagellum transition zone component, putative	0,136	0,1042
TcCLB.507083.10	hypothetical protein, conserved	0,1359	0,2067
TcCLB.504059.30	hypothetical protein, conserved	0,1358	0,1784
TcCLB.509053.60	hypothetical protein, conserved	0,1358	0,605
TcCLB.509233.10	hypothetical protein	0,1357	0,8784
TcCLB.460757.10	receptor-type adenylate cyclase, putative	0,1356	0,6263
TcCLB.510595.58	hypothetical protein, conserved	0,1356	0,7063
TcCLB.509165.40	60S acidic ribosomal protein P2 beta (H6.4), putative (P2-b	0,1355	0,148
TcCLB.507513.60	40S ribosomal protein S16, putative	0,1355	0,1803
TcCLB.506435.160	hypothetical protein, conserved	0,1355	0,2583
TcCLB.510665.60	hypothetical protein, conserved (pseudogene)	0,1355	0,3585
TcCLB.509287.100	mucin TcMUCII, putative	0,1353	0,6394
TcCLB.508241.130	hypothetical protein, conserved	0,1352	0,161
TcCLB.511391.80	hypothetical protein	0,1352	0,7226
TcCLB.510489.36	mucin-associated surface protein (MASP, pseudogene), pu	0,1351	0,7622
TcCLB.419637.9	dispersed gene family protein 1 (DGF-1), putative	0,1351	0,849
TcCLB.438147.9	hypothetical protein, conserved (fragment)	0,1349	0,5163
TcCLB.511523.60	hypothetical protein, conserved	0,1348	0,2857
TcCLB.506337.30	class-E vacuolar protein-sorting protein 24 (Vps24p), putat	0,1348	0,4008
TcCLB.507481.20	retrotransposon hot spot protein (RHS, pseudogene), putat	0,1348	0,5783
TcCLB.506409.60	hypothetical protein	0,1346	0,8729
TcCLB.508963.30	trans-sialidase, Group VIII, putative	0,1344	0,6432
TcCLB.509967.120	intraflagellar transport protein 172, putative	0,1343	0,1628
TcCLB.506961.70	trans-sialidase (pseudogene), putative	0,1342	0,6077
TcCLB.504787.60	mucin TcMUCII (pseudogene), putative	0,1342	0,7493
TcCLB.508461.270	rab7 GTP binding protein, putative	0,134	0,1672
TcCLB.511727.240	hypothetical protein	0,134	0,3438

TcCLB.509897.200	trans-sialidase, Group V, putative	0,134	0,5702
TcCLB.510543.130	ATP-dependent DEAD/H RNA helicase (pseudogene), putat	0,134	0,7707
TcCLB.506919.130	retrotransposon hot spot protein (RHS, pseudogene), putat	0,1338	0,7873
TcCLB.508817.60	ribosomal protein S26, putative	0,1337	0,1473
TcCLB.504741.50	hypothetical protein, conserved	0,1334	0,4738
TcCLB.511911.98	hypothetical protein, conserved	0,1333	0,388
TcCLB.508355.260	60S acidic ribosomal protein P0, putative (P0)	0,1332	0,04637
TcCLB.506973.10	trans-sialidase, Group V, putative	0,1332	0,7291
TcCLB.503827.20	mucin-associated surface protein (MASP), putative	0,1332	0,7709
TcCLB.507519.80	eukaryotic peptide chain release factor subunit 1, putative	0,133	0,4234
TcCLB.506339.60	trans-sialidase (pseudogene), putative	0,133	0,71
TcCLB.508693.180	ankyrin, putative	0,1329	0,2367
TcCLB.507867.50	hypothetical protein, conserved	0,1329	0,5307
TcCLB.509549.110	hypothetical protein, conserved (pseudogene)	0,1326	0,2884
TcCLB.510087.50	hypothetical protein, conserved	0,1323	0,2919
TcCLB.511107.41	ATP-dependent Clp protease subunit heat shock protein 10	0,1323	0,5032
TcCLB.509215.13	hypothetical protein, conserved	0,1322	0,71
TcCLB.510483.130	mucin TcMUCII, putative	0,1321	0,848
TcCLB.504113.20	MYH7B protein, putative	0,132	0,3941
TcCLB.467795.19	hypothetical protein, conserved	0,1318	0,5209
TcCLB.506221.40	mitochondrial carrier protein, putative	0,1316	0,415
TcCLB.510181.140	hypothetical protein, conserved	0,1316	0,5276
TcCLB.511391.220	hypothetical protein, conserved	0,1315	0,0648
TcCLB.510721.10	hypothetical protein, conserved	0,1313	0,2135
TcCLB.509525.270	mucin TcMUCII, putative	0,1313	0,8841
TcCLB.509123.30	mitochondrial RNA binding protein 1	0,1312	0,4551
TcCLB.509719.56	hypothetical protein, conserved	0,131	0,2753
TcCLB.506485.50	hypothetical protein	0,131	0,4165
TcCLB.509233.180	ATP synthase F1, beta subunit, putative (ATPB)	0,1309	0,1547
TcCLB.506529.150	hypothetical protein, conserved	0,1307	0,2453
TcCLB.506919.10	hypothetical protein	0,1307	0,7114
TcCLB.511391.210	mitochondrial calcium uptake 1, putative	0,1306	0,2587
TcCLB.506195.110	malate dehydrogenase, putative	0,1305	0,1012
TcCLB.509171.10	hypothetical protein, conserved	0,1305	0,6125
TcCLB.511075.24	zinc-finger multi-pass transmembrane protein, putative	0,1304	0,4212
TcCLB.508817.40	hypothetical protein, conserved	0,1301	0,3254
TcCLB.510431.300	trans-sialidase, Group II, putative	0,1301	0,6447
TcCLB.511683.10	hypothetical protein	0,1298	0,6023
TcCLB.506207.40	hypothetical protein, conserved	0,1297	0,2413
TcCLB.503925.80	CDP-diacylglycerol--inositol 3-phosphatidyltransferase	0,1296	0,5029
TcCLB.510105.220	transportin2-like protein, putative	0,1295	0,2804
TcCLB.509023.180	kinesin, putative	0,1294	0,2226
TcCLB.506967.65	mucin TcMUCII (pseudogene), putative	0,1294	0,8137
TcCLB.508839.60	ADP-ribosylation factor, putative	0,1293	0,5199
TcCLB.510181.80	hypothetical protein, conserved	0,1292	0,4097

TcCLB.508153.840	hypothetical protein, conserved	0,129	0,3869
TcCLB.504137.140	hypothetical protein, conserved	0,129	0,3986
TcCLB.414243.10	hypothetical protein, conserved	0,129	0,5643
TcCLB.509003.50	hypothetical protein, conserved	0,129	0,6165
TcCLB.511487.170	mucin-associated surface protein (MASP), putative	0,129	0,7105
TcCLB.508221.840	hypothetical protein	0,1289	0,8341
TcCLB.503497.10	mucin-associated surface protein (MASP, pseudogene), pu	0,1288	0,5974
TcCLB.511279.10	hypothetical protein, conserved	0,1287	0,534
TcCLB.510127.70	leucine-rich repeat protein 1 (LRRP1), putative	0,1287	0,5713
TcCLB.506811.100	hypothetical protein, conserved	0,1284	0,3878
TcCLB.511837.80	hypothetical protein, conserved	0,1284	0,4086
TcCLB.506617.50	hypothetical protein	0,1284	0,4615
TcCLB.506745.30	hypothetical protein, conserved	0,1283	0,808
TcCLB.511655.50	hypothetical protein, conserved (pseudogene)	0,1282	0,367
TcCLB.506177.70	hypothetical protein	0,1279	0,5794
TcCLB.510099.131	hypothetical protein, conserved (fragment)	0,1278	0,3236
TcCLB.509657.30	mucin-associated surface protein (MASP), putative	0,1278	0,7515
TcCLB.506925.180	protein kinase, putative	0,1275	0,2799
TcCLB.506155.99	hypothetical protein, conserved	0,1275	0,4935
TcCLB.506181.130	hypothetical protein	0,1275	0,5135
TcCLB.507801.50	tubulin-tyrosine ligase, putative	0,1273	0,4001
TcCLB.511283.294	b9 domain-containing protein 1 (b9d1)	0,1272	0,283
TcCLB.509127.110	hypothetical protein, conserved	0,1272	0,4171
TcCLB.511301.40	eukaryotic translation initiation factor 4E (eIF4E) interactir	0,1272	0,4455
TcCLB.508765.50	mucin TcMUC1 (pseudogene), putative	0,1272	0,668
TcCLB.508905.20	hypothetical protein, conserved (pseudogene)	0,1272	0,6681
TcCLB.509995.10	60S ribosomal protein L4, putative	0,1271	0,1697
TcCLB.506905.40	ABC transporter, putative	0,1271	0,5607
TcCLB.507711.60	hypothetical protein, conserved	0,127	0,3388
TcCLB.506195.190	intraflagellar transport protein 81, putative (IFT81)	0,1269	0,1902
TcCLB.506321.310	phosphoribosylpyrophosphate synthetase, putative	0,1269	0,1984
TcCLB.506227.210	hypothetical protein, conserved	0,1268	0,4793
TcCLB.425785.9	hypothetical protein, conserved	0,1266	0,5064
TcCLB.511423.70	glycerol-3-phosphate dehydrogenase (FAD-dependent), puti	0,1265	0,4571
TcCLB.506859.130	hypothetical protein, conserved	0,1263	0,6408
TcCLB.504755.10	surface protease GP63, putative	0,1263	0,9106
TcCLB.508277.350	cation transporter, putative	0,1262	0,1893
TcCLB.503453.50	hypothetical protein, conserved	0,1261	0,4255
TcCLB.509507.49	mitotic cyclin, putative	0,126	0,5709
TcCLB.507505.30	hypothetical protein	0,1259	0,3923
TcCLB.511131.60	hypothetical protein, conserved	0,1259	0,4396
TcCLB.507275.30	hypothetical protein, conserved	0,1259	0,4592
TcCLB.506363.80	aminoacylase, putative	0,1259	0,8243
TcCLB.507625.170	hypothetical protein, conserved	0,1258	0,3118
TcCLB.508857.120	hypothetical protein, conserved	0,1258	0,4608

TcCLB.508593.80	hypothetical protein, conserved	0,1257	0,3282
TcCLB.508799.10	hypothetical protein, conserved	0,1257	0,4684
TcCLB.508443.40	hypothetical protein	0,1257	0,5255
TcCLB.509999.120	RNA-binding protein, putative	0,1257	0,7226
TcCLB.508333.9	dispersed gene family protein 1 (DGF-1), putative (fragme	0,1257	0,7711
TcCLB.511145.40	peroxin 14, putative	0,1256	0,3497
TcCLB.507997.30	trans-sialidase, Group V, putative	0,1256	0,6458
TcCLB.511803.40	Present in the outer mitochondrial membrane proteome 9	0,1255	0,1152
TcCLB.509233.239	hypothetical protein, conserved	0,1255	0,6331
TcCLB.506979.40	hypothetical protein, conserved	0,1254	0,4396
TcCLB.507841.14	retrotransposon hot spot (RHS) protein, putative (fragmen	0,1254	0,4496
TcCLB.508081.40	hypothetical protein	0,1254	0,8754
TcCLB.510025.60	hypothetical protein	0,1254	0,9068
TcCLB.506999.120	hypothetical protein, conserved	0,1253	0,3754
TcCLB.505993.10	trans-sialidase (pseudogene), putative	0,1252	0,7029
TcCLB.509599.80	hypothetical protein, conserved	0,1251	0,3987
TcCLB.507991.130	hypothetical protein, conserved	0,1249	0,5109
TcCLB.506613.24	mucin TcMUCII, putative	0,1249	0,8344
TcCLB.511107.10	hypothetical protein, conserved (pseudogene)	0,1248	0,4047
TcCLB.506989.120	hypothetical protein, conserved	0,1248	0,4563
TcCLB.507935.10	mucin-like glycoprotein (pseudogene), putative	0,1248	0,8125
TcCLB.506625.190	hypothetical protein, conserved	0,1247	0,5175
TcCLB.503453.20	hypothetical protein, conserved	0,1246	0,2782
TcCLB.504153.370	hypothetical protein	0,1244	0,3251
TcCLB.509243.40	hypothetical protein, conserved (pseudogene)	0,1244	0,4705
TcCLB.503721.10	hypothetical protein, conserved	0,124	0,4131
TcCLB.507763.20	hypothetical protein	0,124	0,619
TcCLB.506849.20	dynein heavy chain (pseudogene), putative	0,1239	0,431
TcCLB.503909.120	cyclosome subunit, putative	0,1239	0,5976
TcCLB.510013.190	hypothetical protein	0,1239	0,8438
TcCLB.506309.30	mucin-associated surface protein (MASP), putative	0,1239	0,8669
TcCLB.503887.70	phosphoglycerate mutase, putative (iPGAM)	0,1235	0,5786
TcCLB.507649.5	hypothetical protein, conserved	0,1235	0,7594
TcCLB.503431.90	hypothetical protein, conserved	0,1233	0,4212
TcCLB.510303.260	hypothetical protein, conserved	0,123	0,4685
TcCLB.506847.50	trans-sialidase (pseudogene), putative	0,123	0,918
TcCLB.510531.60	hypothetical protein, conserved	0,1229	0,299
TcCLB.503539.20	Putative intraflagellar transport protein A1 (PIFTA1)	0,1229	0,3534
TcCLB.506757.50	mucin-associated surface protein (MASP), putative	0,1229	0,7228
TcCLB.506501.170	mucin TcMUCII, putative	0,1229	0,8514
TcCLB.508165.220	mucin TcMUCII (pseudogene), putative	0,1228	0,8252
TcCLB.506309.100	mucin-associated surface protein (MASP, pseudogene), pu	0,1228	0,8904
TcCLB.509429.170	hypothetical protein, conserved	0,1227	0,4989
TcCLB.507011.230	hypothetical protein, conserved (pseudogene)	0,1226	0,3452
TcCLB.510517.30	hypothetical protein, conserved	0,1226	0,3533



TcCLB.504123.20	hypothetical protein, conserved	0,1226	0,4342
TcCLB.503557.40	Present in the outer mitochondrial membrane proteome 8	0,1226	0,5963
TcCLB.506247.60	hypothetical protein, conserved	0,1225	0,3554
TcCLB.507949.50	SSU ribosomal protein, mitochondrial, putative (MRPS15)	0,1222	0,3983
TcCLB.510667.4	hypothetical protein, conserved (fragment)	0,1222	0,49
TcCLB.506763.121	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	0,1221	0,8603
TcCLB.503415.10	hypothetical protein (pseudogene)	0,122	0,4458
TcCLB.509647.180	nicotinate phosphoribosyltransferase, putative	0,1219	0,2479
TcCLB.511233.20	60S ribosomal protein L34, putative	0,1218	0,1958
TcCLB.509023.60	hypothetical protein, conserved	0,1218	0,3853
TcCLB.511057.40	trans-sialidase, Group V, putative	0,1218	0,6543
TcCLB.511585.210	hypothetical protein, conserved	0,1216	0,496
TcCLB.510647.50	hypothetical protein, conserved	0,1216	0,688
TcCLB.506453.20	mucin TcMUC (pseudogene), putative	0,1215	0,6884
TcCLB.509659.20	dispersed gene family protein 1 (DGF-1, pseudogene), puta	0,1215	0,7088
TcCLB.506203.50	DnaJ chaperone protein, putative	0,1214	0,4451
TcCLB.506425.120	eRF1 methyltransferase catalytic subunit, putative	0,1214	0,5925
TcCLB.508541.190	cell cycle sequence binding phosphoprotein (RBP33), putat	0,1213	0,2816
TcCLB.510089.80	protein kinase, putative	0,1213	0,406
TcCLB.503617.40	ATP synthase F1, alpha subunit, putative (fragment) (ATPF	0,1212	0,2026
TcCLB.509213.140	mitochondrial RNA binding complex 1 subunit, putative	0,1212	0,2592
TcCLB.508211.30	sphingosine kinase A, B, putative	0,1212	0,3736
TcCLB.508269.10	hypothetical protein, conserved	0,1212	0,4127
TcCLB.506931.64	RNA processing endonuclease 1, putative	0,1212	0,4853
TcCLB.504039.50	retrotransposon hot spot protein (RHS, pseudogene), putat	0,1211	0,6953
TcCLB.504149.201	ATP-dependent DEAD/H RNA helicase (pseudogene), putat	0,1211	0,7038
TcCLB.505009.4	hypothetical protein, conserved	0,1211	0,7653
TcCLB.445869.10	hypothetical protein, conserved	0,121	0,4277
TcCLB.507881.110	trans-sialidase (pseudogene), putative	0,121	0,4976
TcCLB.509671.20	hypothetical protein, conserved	0,1208	0,3788
TcCLB.509693.100	2-aminoethylphosphonate:pyruvateaminotransferase- like	0,1208	0,5135
TcCLB.511895.40	hypothetical protein	0,1208	0,5444
TcCLB.510717.30	2-oxoglutarate dehydrogenase E1 component, putative	0,1207	0,191
TcCLB.509699.110	mucin-associated surface protein (MASP), putative	0,1206	0,7665
TcCLB.510173.30	hypothetical protein, conserved	0,1205	0,5848
TcCLB.507237.160	mucin TcMUCII, putative	0,1205	0,882
TcCLB.509027.10	DNA photolyase, putative	0,1204	0,5209
TcCLB.509647.50	hypothetical protein, conserved	0,1203	0,2003
TcCLB.510743.120	hypothetical protein, conserved	0,1203	0,3665
TcCLB.507923.40	hypothetical protein, conserved	0,1201	0,4974
TcCLB.507711.260	hypothetical protein, conserved	0,12	0,3409
TcCLB.506705.60	hypothetical protein, conserved	0,12	0,3499
TcCLB.508523.21	trans-sialidase (pseudogene), putative	0,12	0,634
TcCLB.504625.99	protein tyrosine phosphatase, putative (fragment)	0,12	0,6445
TcCLB.506893.40	hypothetical protein, conserved	0,12	0,6847

TcCLB.511229.30	hypothetical protein, conserved	0,1199	0,4218
TcCLB.510575.210	hypothetical protein, conserved	0,1199	0,4349
TcCLB.510063.20	ATP-dependent DEAD/H DNA helicase recQ, putative	0,1199	0,7074
TcCLB.507821.20	hypothetical protein	0,1199	0,7972
TcCLB.508741.240	hypothetical protein, conserved	0,1195	0,3451
TcCLB.505071.30	serine/threonine protein kinase, putative	0,1195	0,4269
TcCLB.509195.70	mucin-associated surface protein (MASP), putative	0,1195	0,6944
TcCLB.506679.40	mitogen-activated protein kinase kinase 5, putative (MKK5)	0,1193	0,3478
TcCLB.511239.70	hypothetical protein, conserved	0,1192	0,3956
TcCLB.506879.100	hypothetical protein, conserved	0,1191	0,6589
TcCLB.511245.60	hypothetical protein, conserved	0,1186	0,7454
TcCLB.511185.120	mucin-associated surface protein (MASP), putative	0,1186	0,791
TcCLB.511881.14	RNA polymerase subunit RPB10, putative (RPB10)	0,1185	0,569
TcCLB.510355.41	mucin-associated surface protein (MASP, pseudogene), pu	0,1185	0,8065
TcCLB.508479.90	hypothetical protein, conserved (pseudogene)	0,1184	0,4571
TcCLB.504147.110	asparaginase, putative	0,1184	0,6156
TcCLB.511469.105	hypothetical protein	0,1184	0,6322
TcCLB.468217.14	mucin-associated surface protein (MASP), putative	0,1184	0,7173
TcCLB.510465.100	trans-sialidase, Group V, putative	0,1184	0,8107
TcCLB.507957.310	hypothetical protein	0,1184	0,8182
TcCLB.430605.20	PTP1-interacting protein, 39 kDa, putative	0,1183	0,2759
TcCLB.510723.10	hypothetical protein, conserved	0,1182	0,7054
TcCLB.506201.90	hypothetical protein, conserved	0,1181	0,4551
TcCLB.510371.90	trans-sialidase, Group V, putative	0,118	0,6184
TcCLB.509695.10	aspartyl-tRNA synthetase, putative	0,1178	0,4257
TcCLB.509063.10	hypothetical protein, conserved	0,1178	0,5515
TcCLB.508347.80	Present in the outer mitochondrial membrane proteome 2	0,1177	0,2695
TcCLB.503909.40	hypothetical protein	0,1176	0,6749
TcCLB.510311.140	arginine N-methyltransferase, putative	0,1175	0,3519
TcCLB.504009.40	Axonemal inner arm dynein light chain, putative	0,1175	0,4818
TcCLB.510275.110	trans-sialidase (pseudogene), putative	0,1175	0,7306
TcCLB.506223.50	hypothetical protein, conserved	0,1174	0,4665
TcCLB.503917.21	hypothetical protein, conserved	0,1174	0,5088
TcCLB.504085.40	hypothetical protein, conserved	0,1173	0,4688
TcCLB.509695.180	40S ribosomal protein S23, putative	0,1172	0,1876
TcCLB.507639.90	hypothetical protein, conserved	0,1171	0,658
TcCLB.504081.460	mucin-associated surface protein (MASP), putative	0,1171	0,7527
TcCLB.510359.50	hypothetical protein, conserved	0,117	0,6913
TcCLB.432027.9	hypothetical protein, conserved	0,1169	0,596
TcCLB.507979.30	trans-sialidase, Group I, putative	0,1168	0,6578
TcCLB.511727.199	CYC2-like cyclin 6, putative (CYC6)	0,1167	0,4815
TcCLB.510375.20	trans-sialidase (pseudogene), putative	0,1167	0,854
TcCLB.429251.10	mucin-associated surface protein (MASP), putative	0,1167	0,9242
TcCLB.509543.30	hypothetical protein	0,1166	0,5142
TcCLB.508735.65	trans-sialidase (pseudogene), putative	0,1165	0,6014

TcCLB.508207.60	hypothetical protein, conserved	0,1164	0,521
TcCLB.507065.70	mucin TcMUCII, putative	0,1162	0,8761
TcCLB.507001.34	hypothetical protein, conserved	0,1161	0,4803
TcCLB.506281.100	mucin-associated surface protein (MASP, pseudogene), pu	0,116	0,7886
TcCLB.503687.49	hypothetical protein, conserved	0,1159	0,4956
TcCLB.511621.50	RNA-binding protein, putative	0,1158	0,2352
TcCLB.508849.20	retrotransposon hot spot protein (RHS, pseudogene), putat	0,1158	0,4455
TcCLB.506855.10	palmitoyl acyltransferase 3, putative	0,1158	0,5089
TcCLB.507093.40	hypothetical protein, conserved	0,1157	0,2368
TcCLB.507517.70	hypothetical protein, conserved	0,1157	0,4811
TcCLB.510283.40	phosphoglycerate mutase family member 5, putative	0,1156	0,6251
TcCLB.511211.10	hypothetical protein, conserved	0,1155	0,5052
TcCLB.510525.60	hypothetical protein, conserved	0,1155	0,5278
TcCLB.508689.50	GPI transamidase subunit 16, putative (fragment) (GPI16)	0,1155	0,6321
TcCLB.504033.190	EF hand, putative	0,1153	0,4505
TcCLB.509599.180	hypothetical protein, conserved	0,1153	0,5097
TcCLB.510697.70	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	0,1153	0,5378
TcCLB.510359.380	mucin-associated surface protein (MASP), putative	0,1152	0,8206
TcCLB.509693.200	hypothetical protein, conserved	0,1151	0,5323
TcCLB.511127.360	hypothetical protein, conserved	0,1149	0,5189
TcCLB.506003.10	retrotransposon hot spot protein (RHS, pseudogene), putat	0,1146	0,7616
TcCLB.509055.10	RNA-binding protein, putative	0,1145	0,5365
TcCLB.507093.300	hypothetical protein SCD6.10	0,1144	0,3203
TcCLB.509717.70	transportin2-like protein, putative	0,1143	0,3214
TcCLB.511149.4	mucin-associated surface protein (MASP, pseudogene), pu	0,1143	0,8483
TcCLB.510055.140	hypothetical protein, conserved	0,1142	0,5228
TcCLB.510515.110	hypothetical protein, conserved	0,114	0,3942
TcCLB.506303.160	hypothetical protein	0,114	0,4266
TcCLB.507951.70	hypothetical protein	0,114	0,5957
TcCLB.511383.10	hypothetical protein, conserved	0,114	0,6809
TcCLB.506727.120	hypothetical protein, conserved	0,1139	0,285
TcCLB.507957.179	mucin-associated surface protein (MASP), putative	0,1138	0,8431
TcCLB.504029.50	hypothetical protein, conserved	0,1135	0,482
TcCLB.508005.20	trans-sialidase (pseudogene), putative	0,1134	0,8601
TcCLB.511389.80	protein kinase, putative	0,1131	0,3971
TcCLB.509695.140	hypothetical protein, conserved	0,113	0,4438
TcCLB.510437.20	60S ribosomal protein L14, putative	0,1129	0,2219
TcCLB.510403.89	synaptojanin (N-terminal domain), putative	0,1129	0,5071
TcCLB.508479.270	hypothetical protein, conserved	0,1128	0,2925
TcCLB.507925.10	hypothetical protein, conserved (pseudogene)	0,1128	0,7787
TcCLB.511745.20	AAA ATPase, putative	0,1127	0,3382
TcCLB.510149.9	hypothetical protein, conserved (fragment)	0,1126	0,5452
TcCLB.508641.190	hypothetical protein, conserved	0,1126	0,596
TcCLB.508707.300	hypothetical protein, conserved	0,1125	0,2711
TcCLB.511145.30	hypothetical protein, conserved	0,1125	0,4106

TcCLB.511109.30	dynein intermediate chain, putative	0,1125	0,4506
TcCLB.510749.30	Sorting nexin-4 (ATG24)	0,1124	0,3165
TcCLB.508355.104	hypothetical protein, conserved	0,1124	0,6756
TcCLB.510767.10	ribosomal protein L15, putative	0,1123	0,203
TcCLB.509669.80	hypothetical protein, conserved	0,1122	0,6838
TcCLB.508165.120	mucin-associated surface protein (MASP), putative	0,1122	0,7659
TcCLB.503823.70	hypothetical protein, conserved	0,1121	0,6919
TcCLB.506435.280	hypothetical protein, conserved	0,112	0,4194
TcCLB.508411.20	hypothetical protein, conserved	0,112	0,5267
TcCLB.508257.170	dynein heavy chain, putative	0,1119	0,3776
TcCLB.507957.220	mucin-associated surface protein (MASP), putative	0,1119	0,7599
TcCLB.510901.260	tRNA pseudouridine synthase (pseudogene), putative	0,1118	0,5339
TcCLB.506861.30	60S ribosomal protein L14, putative	0,1117	0,2281
TcCLB.506717.25	trans-sialidase (pseudogene), putative	0,1117	0,6575
TcCLB.503439.14	dispersed gene family protein 1 (DGF-1, pseudogene), putative	0,1116	0,6573
TcCLB.508873.370	hypothetical protein	0,1116	0,7932
TcCLB.508261.120	hypothetical protein	0,1115	0,8073
TcCLB.506227.40	hypothetical protein, conserved	0,1114	0,4725
TcCLB.511515.9	E3 ubiquitin-protein ligase, putative (fragment)	0,1113	0,5453
TcCLB.506559.470	ribosomal protein l35a, putative	0,1112	0,1469
TcCLB.510631.20	trans-sialidase (pseudogene), putative	0,1111	0,5185
TcCLB.511039.6	hypothetical protein, conserved	0,1111	0,5435
TcCLB.505965.60	hypothetical protein, conserved	0,1111	0,5791
TcCLB.452699.30	dispersed gene family protein 1 (DGF-1), putative	0,1111	0,837
TcCLB.506679.94	40S ribosomal protein S18, putative	0,111	0,2082
TcCLB.509979.90	60S ribosomal protein L35, putative	0,111	0,2757
TcCLB.508977.120	trans-sialidase, Group V, putative	0,111	0,6067
TcCLB.511455.10	surface protease GP63 (pseudogene), putative	0,111	0,6946
TcCLB.507573.3	N-acetyltransferase complex ARD1 subunit (pseudogene), putative	0,1109	0,732
TcCLB.511293.50	kinesin, putative	0,1107	0,4283
TcCLB.509029.100	hypothetical protein, conserved	0,1107	0,5095
TcCLB.508469.10	hypothetical protein, conserved	0,1107	0,7079
TcCLB.506689.10	trans-sialidase (pseudogene), putative	0,1107	0,7738
TcCLB.508205.20	nucleolar RNA helicase II, putative	0,1106	0,3665
TcCLB.510823.100	hypothetical protein, conserved	0,1106	0,4283
TcCLB.506241.10	retrotransposon hot spot protein (RHS, pseudogene), putative	0,1105	0,7114
TcCLB.511545.140	hypothetical protein, conserved	0,1104	0,415
TcCLB.510579.14	hypothetical protein, conserved	0,1103	0,4055
TcCLB.508461.70	hypothetical protein	0,1103	0,6769
TcCLB.508267.10	hypothetical protein, conserved	0,1102	0,3508
TcCLB.506729.70	hypothetical protein, conserved	0,1102	0,4575
TcCLB.511171.60	surface protease GP63 (pseudogene), putative	0,1101	0,8705
TcCLB.503677.10	phosphomannose isomerase, putative	0,11	0,4109
TcCLB.511737.9	hypothetical protein, conserved	0,11	0,7282
TcCLB.506635.80	Hydroxymethylglutaryl-CoA lyase, mitochondrial, putative	0,1099	0,4065

TcCLB.506961.160	retrotransposon hot spot (RHS) protein, putative	0,1098	0,4379
TcCLB.509997.73	hypothetical protein, conserved	0,1098	0,5137
TcCLB.509065.180	protein kinase-like protein, putative	0,1097	0,3528
TcCLB.511197.40	trans-sialidase (pseudogene), putative	0,1097	0,7112
TcCLB.503449.14	hypothetical protein, conserved	0,1096	0,5081
TcCLB.510257.100	mitochondrial RNA binding complex 1 subunit, putative	0,1095	0,3089
TcCLB.510359.360	hypothetical protein, conserved	0,1095	0,4832
TcCLB.507027.50	Present in the outer mitochondrial membrane proteome 3:	0,1095	0,5189
TcCLB.506559.314	hypothetical protein, conserved	0,1095	0,6125
TcCLB.506289.230	mucin-associated surface protein (MASP, pseudogene), pu	0,1095	0,7281
TcCLB.508265.4	synaptojanin (N-terminal domain), putative (fragment)	0,1094	0,6443
TcCLB.511527.34	60S ribosomal protein L8, putative	0,1093	0,1813
TcCLB.505037.140	retrotransposon hot spot protein (RHS, pseudogene), putat	0,1093	0,5782
TcCLB.511589.220	hypothetical protein, conserved	0,1093	0,6005
TcCLB.511421.120	E3 ubiquitin-protein ligase KCMF1, putative	0,1091	0,3759
TcCLB.511529.220	hypothetical protein, conserved	0,1091	0,6715
TcCLB.511621.220	esterase, putative	0,109	0,703
TcCLB.508795.19	protein kinase, putative (fragment)	0,1089	0,4382
TcCLB.503455.10	chaperone DNAJ protein, putative	0,1089	0,5387
TcCLB.504557.50	dispersed gene family protein 1 (DGF-1), putative	0,1089	0,7888
TcCLB.508313.130	mucin TcMUCII, putative	0,1089	0,8469
TcCLB.503925.119	protein kinase, putative	0,1087	0,5892
TcCLB.508283.40	trans-sialidase (pseudogene), putative	0,1087	0,6465
TcCLB.441061.9	dynein heavy chain, putative (fragment)	0,1084	0,5417
TcCLB.506123.30	protein kinase, putative	0,1083	0,3422
TcCLB.509763.10	trans-sialidase, putative	0,1083	0,8383
TcCLB.509649.20	hypothetical protein	0,1082	0,4435
TcCLB.509825.14	40S ribosomal protein SA, putative	0,1082	0,5896
TcCLB.506543.50	hypothetical protein, conserved	0,1082	0,8086
TcCLB.509979.95	60S ribosomal protein L35, putative	0,1081	0,2751
TcCLB.507081.50	hypothetical protein, conserved	0,1078	0,4306
TcCLB.503885.70	hypothetical protein, conserved	0,1078	0,6427
TcCLB.511871.150	trans-sialidase (pseudogene), putative	0,1078	0,7036
TcCLB.511145.20	60S ribosomal protein L32, putative	0,1077	0,2878
TcCLB.510275.283	mucin TcMUCII (pseudogene), putative	0,1077	0,8628
TcCLB.509167.20	3-hydroxy-3-methylglutaryl-CoA reductase, putative	0,1076	0,3231
TcCLB.511621.160	hypothetical protein, conserved	0,1076	0,5114
TcCLB.511239.20	hypothetical protein, conserved	0,1076	0,5202
TcCLB.511449.10	mucin-associated surface protein (MASP), putative	0,1075	0,859
TcCLB.511289.40	hypothetical protein, conserved	0,1074	0,3001
TcCLB.508479.360	hypothetical protein, conserved	0,1074	0,4189
TcCLB.506359.99	hypothetical protein	0,1074	0,6485
TcCLB.508251.40	mucin TcMUCII, putative	0,1072	0,8782
TcCLB.503679.30	hypothetical protein, conserved	0,1071	0,5593
TcCLB.506393.120	hypothetical protein, conserved (pseudogene)	0,107	0,4954

TcCLB.507711.170	hypothetical protein, conserved	0,107	0,5242
TcCLB.509027.24	hypothetical protein, conserved	0,107	0,5766
TcCLB.506759.220	mucin-associated surface protein (MASP), putative	0,107	0,8564
TcCLB.510237.40	mucin-associated surface protein (MASP, pseudogene), pu	0,1069	0,7653
TcCLB.508409.60	hypothetical protein, conserved	0,1068	0,4254
TcCLB.510805.30	mucin-associated surface protein (MASP, pseudogene), pu	0,1067	0,7562
TcCLB.511185.80	trans-sialidase, Group V, putative	0,1067	0,7888
TcCLB.508209.159	hypothetical protein, conserved	0,1066	0,552
TcCLB.511253.10	kinesin-like protein, putative	0,1065	0,6453
TcCLB.511861.80	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, pu	0,1064	0,5766
TcCLB.507949.10	chaperone DNAJ protein, putative	0,1064	0,627
TcCLB.511123.20	retrotransposon hot spot protein (RHS, pseudogene), putat	0,1064	0,6365
TcCLB.507729.50	mucin-associated surface protein (MASP), putative (fragm	0,1064	0,7815
TcCLB.510759.110	hypothetical protein, conserved	0,1063	0,4118
TcCLB.511255.341	trans-sialidase (pseudogene), putative	0,1063	0,8075
TcCLB.511421.180	hypothetical protein, conserved	0,1061	0,5639
TcCLB.509047.110	rac serine-threonine kinase, putative	0,106	0,4001
TcCLB.508389.100	mucin-associated surface protein (MASP), putative	0,106	0,7486
TcCLB.506499.140	mucin-associated surface protein (MASP), putative	0,1059	0,7901
TcCLB.506885.270	tubulin tyrosine ligase, putative	0,1057	0,4142
TcCLB.511309.70	hypothetical protein, conserved	0,1056	0,4475
TcCLB.508153.570	protein kinase, putative	0,1056	0,5599
TcCLB.506755.74	mitochondrial carrier protein, putative	0,1055	0,5276
TcCLB.511865.70	hypothetical protein, conserved	0,1055	0,5515
TcCLB.506575.9	hypothetical protein, conserved	0,1053	0,3671
TcCLB.511277.290	aconitase, putative	0,1053	0,4
TcCLB.510575.140	hypothetical protein, conserved	0,1053	0,5364
TcCLB.509115.20	trans-sialidase, Group V, putative	0,1053	0,7118
TcCLB.503629.10	hypothetical protein, conserved	0,1051	0,4382
TcCLB.509991.100	Transcription elongation factor 1 domain-containing protei	0,1051	0,5621
TcCLB.509053.179	RNA-binding protein, putative (fragment)	0,105	0,5505
TcCLB.510885.50	hypothetical protein, conserved	0,105	0,6481
TcCLB.509051.40	adenosine kinase, putative	0,1048	0,3339
TcCLB.508543.140	electron transfer flavoprotein-ubiquinone oxidoreductase,	0,1048	0,7253
TcCLB.503527.10	hypothetical protein, conserved	0,1046	0,2374
TcCLB.510311.40	hypothetical protein, conserved	0,1046	0,2882
TcCLB.509429.180	hypothetical protein, conserved	0,1046	0,4404
TcCLB.508911.70	hypothetical protein	0,1045	0,4946
TcCLB.507821.140	trans-sialidase (pseudogene), putative	0,1045	0,7639
TcCLB.508209.30	hypothetical protein, conserved	0,1044	0,3516
TcCLB.503855.80	hypothetical protein, conserved	0,1044	0,4785
TcCLB.510753.9	helicase, putative	0,1043	0,3466
TcCLB.507597.10	hypothetical protein	0,1041	0,802
TcCLB.505071.80	hypothetical protein	0,1039	0,4266
TcCLB.506331.174	dispersed gene family protein 1 (DGF-1, pseudogene), puta	0,1039	0,6908

TcCLB.507041.90	hypothetical protein	0,1038	0,6734
TcCLB.508153.900	hypothetical protein, conserved	0,1037	0,3954
TcCLB.509471.50	hypothetical protein, conserved	0,1037	0,4652
TcCLB.508461.4	hypothetical protein, conserved	0,1035	0,4658
TcCLB.510187.250	hypothetical protein, conserved	0,1035	0,5877
TcCLB.511587.10	hypothetical protein	0,1035	0,8343
TcCLB.510497.100	mucin-associated surface protein (MASP), putative	0,1033	0,8182
TcCLB.510311.170	hypothetical protein, conserved	0,1032	0,5186
TcCLB.506297.250	palmitoyl acyltransferase 7, putative	0,1031	0,415
TcCLB.511633.50	hypothetical protein, conserved	0,1031	0,4298
TcCLB.505843.20	60S ribosomal protein L6, putative	0,1028	0,2737
TcCLB.507447.10	hypothetical protein, conserved	0,1027	0,5917
TcCLB.511071.45	tuzin-like (pseudogene), putative	0,1026	0,4451
TcCLB.509671.60	hypothetical protein	0,1024	0,6445
TcCLB.403875.19	hypothetical protein, conserved (fragment)	0,1022	0,7961
TcCLB.511831.10	trans-sialidase, putative (fragment)	0,1021	0,691
TcCLB.509115.30	mucin-associated surface protein (MASP), putative	0,1019	0,7425
TcCLB.508919.180	trans-sialidase (pseudogene), putative	0,1018	0,3768
TcCLB.509433.10	hypothetical protein	0,1018	0,8238
TcCLB.509433.30	hypothetical protein	0,1017	0,7274
TcCLB.511491.110	rab6 GTPase activating protein, putative	0,1014	0,5997
TcCLB.511325.10	amino acid permease (pseudogene), putative	0,1014	0,8373
TcCLB.506405.120	V-type ATPase, A subunit, putative	0,1011	0,2232
TcCLB.510025.7	syntaxin binding protein (pseudogene), putative	0,1011	0,8619
TcCLB.485683.10	RNA-binding protein 42 (RNA-binding motif protein 42), pu	0,101	0,3609
TcCLB.508387.80	hypothetical protein, conserved	0,101	0,4746
TcCLB.506635.104	hypothetical protein	0,101	0,6885
TcCLB.506247.270	ATPase, putative	0,1007	0,3841
TcCLB.506679.190	hypothetical protein, conserved	0,1007	0,4048
TcCLB.508347.30	hypothetical protein, conserved	0,1007	0,4267
TcCLB.510719.150	hypothetical protein, conserved	0,1005	0,3043
TcCLB.510609.30	GTPase, putative	0,1003	0,487
TcCLB.508207.54	hypothetical protein, conserved	0,1003	0,6453
TcCLB.509805.220	cholinephosphate cytidyltransferase A, putative	0,1002	0,3535
TcCLB.504115.30	beta galactofuranosyl glycosyltransferase, putative	0,1002	0,5704
TcCLB.508837.140	U1 small nuclear ribonucleoprotein, putative	0,1002	0,6185
TcCLB.510007.20	hypothetical protein, conserved	0,1001	0,5396
TcCLB.509665.20	mucin-associated surface protein (MASP), putative	0,1	0,788
TcCLB.508823.90	hypothetical protein	0,09982	0,5407
TcCLB.508465.149	hypothetical protein, conserved (fragment)	0,0998	0,6336
TcCLB.506559.559	antigenic protein, putative	0,09949	0,342
TcCLB.507993.5	GPI-anchor transamidase subunit 8 (GPI8, pseudogene), pu	0,09949	0,7654
TcCLB.503775.41	hypothetical protein, conserved (pseudogene)	0,09946	0,8406
TcCLB.509353.30	40S ribosomal protein S3, putative	0,09944	0,2594
TcCLB.506321.280	hypothetical protein, conserved	0,09942	0,2175

TcCLB.510149.30	hypothetical protein, conserved	0,09932	0,4081
TcCLB.511467.16	hypothetical protein, conserved	0,0993	0,5189
TcCLB.507053.50	hypothetical protein, conserved	0,09925	0,4488
TcCLB.511807.256	hypothetical protein, conserved	0,09919	0,5626
TcCLB.510527.9	kinesin, putative	0,09914	0,5924
TcCLB.508597.9	retrotransposon hot spot (RHS) protein, putative	0,09908	0,6504
TcCLB.509033.60	hypothetical protein, conserved	0,09907	0,5232
TcCLB.503449.10	60S ribosomal protein L17, putative	0,09906	0,2453
TcCLB.403869.10	trans-sialidase, putative (fragment)	0,09905	0,7835
TcCLB.511423.130	hypothetical protein, conserved (pseudogene)	0,09901	0,5888
TcCLB.510421.150	protein kinase, putative	0,09892	0,3251
TcCLB.508059.10	hypothetical protein, conserved	0,09889	0,6764
TcCLB.510933.140	trans-sialidase (pseudogene), putative	0,09889	0,8539
TcCLB.507991.50	kinesin, putative	0,09887	0,3382
TcCLB.506955.226	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	0,09884	0,8973
TcCLB.506755.150	hypothetical protein, conserved	0,09877	0,5985
TcCLB.509695.230	serine carboxypeptidase (CBP1), putative (fragment)	0,09874	0,5637
TcCLB.506247.90	hypothetical protein	0,09859	0,5721
TcCLB.507715.100	hypothetical protein, conserved	0,09851	0,4932
TcCLB.511627.150	beta-ketoacyl-ACP reductase	0,09848	0,5683
TcCLB.510545.60	hypothetical protein, conserved (pseudogene)	0,09843	0,8729
TcCLB.506409.90	mucin-associated surface protein (MASP), putative	0,0984	0,8984
TcCLB.508207.230	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase, put	0,09839	0,4706
TcCLB.510579.90	hypothetical protein, conserved	0,09838	0,5033
TcCLB.506529.100	hypothetical protein, conserved	0,09836	0,4688
TcCLB.506925.360	hypothetical protein	0,09818	0,5355
TcCLB.510145.50	hypothetical protein, conserved	0,09817	0,3812
TcCLB.509289.30	hypothetical protein, conserved	0,09808	0,3846
TcCLB.508165.115	mucin TcMUCII (pseudogene), putative	0,09807	0,8618
TcCLB.503479.70	bilobe protein, conserved	0,098	0,2931
TcCLB.507519.20	hypothetical protein, conserved	0,09798	0,4364
TcCLB.509799.70	hypothetical protein, conserved	0,09788	0,4837
TcCLB.511837.129	RNA-binding protein, putative	0,09787	0,532
TcCLB.507059.70	dihydroorotase, putative	0,09768	0,5462
TcCLB.503583.30	hypothetical protein, conserved	0,09757	0,5846
TcCLB.509451.70	hypothetical protein, conserved	0,09755	0,4177
TcCLB.511215.14	hypothetical protein, conserved	0,09755	0,5957
TcCLB.511167.10	NADH-cytochrome b5 reductase, putative	0,09755	0,6307
TcCLB.509637.9	hypothetical protein, conserved	0,09753	0,635
TcCLB.511277.610	surface protease GP63, putative	0,09748	0,6581
TcCLB.503717.120	trans-sialidase, Group V, putative	0,09723	0,8111
TcCLB.511459.20	hypothetical protein, conserved	0,09704	0,5053
TcCLB.511847.80	hypothetical protein, conserved	0,09699	0,5183
TcCLB.510889.20	hypothetical protein, conserved	0,09693	0,5836
TcCLB.506575.54	hypothetical protein, conserved	0,09688	0,7173



TcCLB.509733.30	hypothetical protein, conserved	0,09667	0,5102
TcCLB.506303.90	hypothetical protein, conserved	0,09665	0,5137
TcCLB.510737.100	hypothetical protein, conserved	0,09647	0,4212
TcCLB.508857.70	hypothetical protein, conserved	0,0964	0,5219
TcCLB.508933.40	hypothetical protein	0,09629	0,765
TcCLB.510659.100	hypothetical protein, conserved	0,09621	0,6659
TcCLB.510497.60	mucin TcMUCII, putative	0,09617	0,8626
TcCLB.507987.10	trans-sialidase, putative	0,09609	0,8603
TcCLB.507875.50	hypothetical protein	0,09608	0,7469
TcCLB.508541.240	casein kinase, putative	0,09602	0,841
TcCLB.506221.100	hypothetical protein, conserved	0,096	0,5198
TcCLB.511001.230	hypothetical protein, conserved	0,09596	0,5156
TcCLB.511585.310	trans-sialidase (pseudogene), putative	0,09593	0,6781
TcCLB.507081.60	helicase-like protein, putative	0,0959	0,3747
TcCLB.503499.10	hypothetical protein, conserved	0,09581	0,4315
TcCLB.503433.20	hypothetical protein, conserved	0,09581	0,5562
TcCLB.504431.20	hypothetical protein	0,09567	0,6359
TcCLB.510437.70	hypothetical protein, conserved	0,0956	0,5804
TcCLB.506855.140	synaptobrevin, putative	0,09551	0,5023
TcCLB.506871.50	ubiquitin hydrolase, putative	0,09549	0,6448
TcCLB.511895.10	receptor-type adenylate cyclase, putative	0,09547	0,6584
TcCLB.507609.20	hypothetical protein, conserved	0,09536	0,7294
TcCLB.511183.560	mucin-associated surface protein (MASP), putative	0,09496	0,832
TcCLB.510763.100	trypanin-like protein, putative	0,09494	0,4828
TcCLB.506985.40	Polyamine transporter 1, putative (POT1.1)	0,09478	0,4928
TcCLB.509923.9	dispersed gene family protein 1 (DGF-1), putative (fragme	0,09478	0,7662
TcCLB.507515.60	hypothetical protein, conserved	0,09471	0,6184
TcCLB.508355.150	proteasome regulatory non-ATPase subunit 3, putative	0,09468	0,2973
TcCLB.504255.50	hypothetical protein, conserved	0,09456	0,5623
TcCLB.508409.230	UBX domain-containing protein	0,09416	0,4647
TcCLB.509631.20	mucin-associated surface protein (MASP), putative	0,09408	0,8114
TcCLB.510877.140	hypothetical protein, conserved	0,09404	0,5319
TcCLB.508777.20	hypothetical protein, conserved	0,09399	0,6891
TcCLB.507881.10	retrotransposon hot spot protein (RHS, pseudogene), putat	0,09392	0,6261
TcCLB.511255.230	mucin-associated surface protein (MASP, pseudogene), pu	0,09388	0,8548
TcCLB.506831.40	3-hydroxy-3-methylglutaryl-CoA reductase (HMGR)	0,09382	0,3611
TcCLB.509003.40	calpain-like cysteine peptidase, putative	0,09381	0,7221
TcCLB.510889.300	hypothetical protein	0,09365	0,6311
TcCLB.510939.20	hypothetical protein, conserved	0,09365	0,7188
TcCLB.511397.10	mucin-associated surface protein (MASP, pseudogene), pu	0,09335	0,8561
TcCLB.508737.187	hypothetical protein, conserved	0,09311	0,534
TcCLB.510285.70	kinetoplastid kinetochore protein 2, putative (kkt2)	0,0931	0,5021
TcCLB.508871.40	mucin-associated surface protein (MASP), putative	0,0931	0,8468
TcCLB.506737.30	hypothetical protein, conserved	0,09304	0,5617
TcCLB.508919.40	hypothetical protein, conserved	0,09302	0,489

TcCLB.509203.50	hypothetical protein	0,09298	0,4482
TcCLB.504867.20	ABC transporter, putative	0,09287	0,3761
TcCLB.506147.50	hypothetical protein, conserved	0,09283	0,5618
TcCLB.510201.15	mucin TcMUCII (pseudogene), putative	0,09275	0,805
TcCLB.508697.10	trans-sialidase, Group V, putative	0,09272	0,7886
TcCLB.506481.10	tRNA pseudouridine synthase A-like protein (pseudogene),	0,09259	0,6293
TcCLB.506375.80	hypothetical protein, conserved	0,09254	0,701
TcCLB.510603.130	hypothetical protein, conserved	0,09248	0,3469
TcCLB.508881.40	hypothetical protein, conserved	0,09247	0,5227
TcCLB.506241.170	40S ribosomal protein S6, putative	0,09242	0,3085
TcCLB.508375.60	succinate dehydrogenase subunit	0,09235	0,5638
TcCLB.511001.220	hypothetical protein, conserved	0,0923	0,4986
TcCLB.503453.64	hypothetical protein, conserved	0,09217	0,6018
TcCLB.510187.380	hypothetical protein, conserved	0,09208	0,5414
TcCLB.504161.40	hypothetical protein, conserved	0,09201	0,514
TcCLB.506067.240	mucin-associated surface protein (MASP), putative	0,092	0,9128
TcCLB.510021.90	hypothetical protein, conserved (pseudogene)	0,09195	0,8759
TcCLB.509799.30	adenylyl cyclase-associated protein, putative	0,09182	0,5449
TcCLB.504625.50	dual specificity protein phosphatase or MAP kinase phosph	0,09176	0,5598
TcCLB.504131.130	hypothetical protein, conserved	0,0916	0,5446
TcCLB.504427.60	hypothetical protein, conserved	0,09159	0,6323
TcCLB.505363.10	trans-sialidase, Group II, putative	0,09127	0,809
TcCLB.506753.80	hypothetical protein, conserved	0,09122	0,5623
TcCLB.507667.11	hypothetical protein, conserved (fragment)	0,09115	0,62
TcCLB.511109.40	hypothetical protein, conserved	0,09112	0,5417
TcCLB.506959.60	hypothetical protein, conserved	0,09101	0,6438
TcCLB.503635.89	hypothetical protein, conserved	0,09097	0,6355
TcCLB.503801.20	ribosomal protein S26, putative	0,09089	0,3281
TcCLB.506469.148	hypothetical protein, conserved	0,09078	0,5234
TcCLB.509859.40	cytosolic leucyl aminopeptidase, putative	0,09059	0,4106
TcCLB.510127.79	actin 3, putative (fragment)	0,09044	0,4893
TcCLB.509799.40	hypothetical protein, conserved	0,09042	0,5427
TcCLB.505267.30	beta galactofuranosyl glycosyltransferase, putative	0,09042	0,7946
TcCLB.511529.140	hypothetical protein, conserved	0,09028	0,4414
TcCLB.509017.60	hypothetical protein, conserved	0,09006	0,4418
TcCLB.506899.30	mucin-associated surface protein (MASP, pseudogene), pu	0,09005	0,8934
TcCLB.508851.19	retrotransposon hot spot (RHS) protein, putative	0,08994	0,5163
TcCLB.506217.20	beta galactofuranosyl glycosyltransferase (pseudogene), p	0,08981	0,7486
TcCLB.504053.10	hypothetical protein, conserved (pseudogene)	0,08972	0,4324
TcCLB.511907.270	ubiquitin-conjugating enzyme E2, putative	0,08958	0,542
TcCLB.506459.30	trans-sialidase (pseudogene), putative	0,08953	0,6954
TcCLB.508723.110	hypothetical protein	0,08934	0,4681
TcCLB.510941.6	hypothetical protein, conserved	0,08913	0,5417
TcCLB.506577.30	hypothetical protein, conserved	0,0891	0,5414
TcCLB.508153.1020	hypothetical protein, conserved	0,08904	0,6445

TcCLB.503625.20	hypothetical protein	0,08904	0,7531
TcCLB.506629.130	hypothetical protein, conserved	0,08901	0,6001
TcCLB.414145.9	hypothetical protein, conserved (fragment)	0,08899	0,6703
TcCLB.508233.19	hypothetical protein, conserved	0,08898	0,7281
TcCLB.508239.10	origin recognition complex subunit 1 (ORC1), putative	0,08889	0,5771
TcCLB.506973.50	trans-sialidase (pseudogene), putative	0,08888	0,816
TcCLB.507975.50	trans-sialidase (pseudogene), putative	0,08879	0,3741
TcCLB.509157.110	hypothetical protein, conserved	0,08878	0,7181
TcCLB.506763.210	hypothetical protein	0,08875	0,8544
TcCLB.506627.10	AMP deaminase 2, putative	0,08872	0,5156
TcCLB.511011.30	hypothetical protein, conserved (pseudogene)	0,08849	0,7251
TcCLB.510699.89	mucin-associated surface protein (MASP), putative	0,08836	0,8854
TcCLB.510417.20	mucin-associated surface protein (MASP, pseudogene), pu	0,08825	0,8192
TcCLB.506941.130	hypothetical protein, conserved	0,08818	0,5429
TcCLB.506051.30	dispersed gene family protein 1 (DGF-1), putative	0,08818	0,829
TcCLB.511239.140	60S ribosomal protein, putative	0,08815	0,6692
TcCLB.503973.240	mucin-associated surface protein (MASP), putative	0,08801	0,8536
TcCLB.464807.20	hypothetical protein, conserved (fragment)	0,08799	0,5524
TcCLB.506361.18	mucin TcMUC (pseudogene), putative	0,08778	0,8941
TcCLB.509297.10	hypothetical protein, conserved	0,08776	0,6842
TcCLB.508221.960	mucin-associated surface protein (MASP), putative	0,08749	0,8239
TcCLB.506785.30	mucin TcMUCII, putative	0,08735	0,905
TcCLB.511081.71	hypothetical protein, conserved (pseudogene)	0,08729	0,853
TcCLB.506369.9	hypothetical protein, conserved	0,08723	0,765
TcCLB.511887.30	trans-sialidase (pseudogene), putative	0,08721	0,7051
TcCLB.511767.100	hypothetical protein, conserved	0,08717	0,8084
TcCLB.509157.40	hypothetical protein, conserved	0,08707	0,6886
TcCLB.511051.39	40S ribosomal protein S4, putative	0,08704	0,3162
TcCLB.506303.60	protein kinase, putative	0,08701	0,6336
TcCLB.508615.10	mucin-associated surface protein (MASP), putative	0,087	0,8902
TcCLB.510657.210	hypothetical protein	0,08679	0,7141
TcCLB.507019.83	40S ribosomal protein S30, putative	0,08673	0,417
TcCLB.508397.30	SPFH domain / Band 7 family protein, putative	0,08652	0,5973
TcCLB.504173.60	hypothetical protein, conserved	0,08645	0,5022
TcCLB.508883.39	mucin-associated surface protein (MASP, pseudogene), pu	0,08645	0,7956
TcCLB.510531.20	hypothetical protein, conserved	0,0864	0,6552
TcCLB.511277.84	dynein light chain Tctex-type, putative	0,0863	0,71
TcCLB.507867.31	mucin TcMUCII (pseudogene), putative	0,08628	0,7003
TcCLB.510877.150	hypothetical protein, conserved	0,08623	0,4647
TcCLB.506177.90	hypothetical protein, conserved	0,08597	0,7773
TcCLB.510021.210	mucin-associated surface protein (MASP, pseudogene), pu	0,08591	0,9068
TcCLB.509633.30	hypothetical protein, conserved	0,08584	0,5892
TcCLB.506599.210	mucin-associated surface protein (MASP), putative	0,08575	0,8492
TcCLB.510323.20	hypothetical protein, conserved	0,0857	0,3689
TcCLB.506703.140	mucin-associated surface protein (MASP), putative	0,08559	0,9418

TcCLB.509537.50	Flagellar Member 1 (FLAM1)	0,08557	0,4203
TcCLB.510121.110	hypothetical protein, conserved	0,08555	0,433
TcCLB.510663.19	60S ribosomal subunit protein L31, putative	0,08538	0,5303
TcCLB.509769.36	palmitoyl acyltransferase 12, putative	0,08538	0,5899
TcCLB.510889.340	hypothetical protein, conserved	0,08537	0,7761
TcCLB.511753.80	GTPase activating protein, putative	0,08528	0,614
TcCLB.507019.86	40S ribosomal protein S30, putative	0,08523	0,5268
TcCLB.509611.189	hypothetical protein, conserved	0,08516	0,4224
TcCLB.509551.40	hypothetical protein, conserved	0,08512	0,6784
TcCLB.504575.40	adrenodoxin precursor, putative	0,08509	0,7971
TcCLB.510175.200	retrotransposon hot spot protein (RHS, pseudogene), putat	0,08501	0,7759
TcCLB.511239.90	hypothetical protein	0,08499	0,5659
TcCLB.511435.40	hypothetical protein, conserved	0,08497	0,5417
TcCLB.506413.30	40S ribosomal protein S33, putative	0,08476	0,6867
TcCLB.509177.68	translation initiation factor, putative	0,08475	0,6364
TcCLB.504213.29	hypothetical protein, conserved	0,08467	0,6715
TcCLB.508443.50	hypothetical protein, conserved	0,08448	0,6652
TcCLB.506993.140	hypothetical protein	0,08431	0,8876
TcCLB.511771.132	ATP-dependent DEAD/H RNA helicase (pseudogene), putat	0,08422	0,883
TcCLB.508317.20	hypothetical protein, conserved	0,08414	0,6421
TcCLB.509655.10	trans-sialidase (pseudogene), putative	0,08408	0,8125
TcCLB.506413.60	hypothetical protein, conserved	0,08374	0,7998
TcCLB.507875.60	beta galactofuranosyl glycosyltransferase, putative	0,08369	0,7282
TcCLB.511189.60	hypothetical protein, conserved	0,08361	0,5927
TcCLB.510409.20	hypothetical protein, conserved (pseudogene)	0,08349	0,7757
TcCLB.507669.180	hypothetical protein, conserved	0,08345	0,5147
TcCLB.510357.50	hypothetical protein, conserved	0,08336	0,674
TcCLB.511291.120	DNA-directed RNA polymerase III subunit C11, putative (RF	0,0833	0,698
TcCLB.506357.29	dynein light chain Tctex-type, putative	0,08328	0,7186
TcCLB.504055.20	hypothetical protein, conserved	0,08314	0,6867
TcCLB.507979.40	hypothetical protein, conserved	0,08313	0,7779
TcCLB.508805.100	hypothetical protein, conserved	0,08294	0,5495
TcCLB.509979.60	sec1 family transport protein, putative	0,08279	0,62
TcCLB.506209.70	dispersed gene family protein 1 (DGF-1), putative	0,08265	0,8233
TcCLB.508241.120	rrp44p homologue, putative	0,08264	0,3262
TcCLB.511753.60	ESAG8-associated protein, putative (PIE8)	0,08255	0,6832
TcCLB.509497.30	agmatinase, putative	0,08241	0,6628
TcCLB.506227.30	hypothetical protein, conserved	0,08228	0,534
TcCLB.460125.10	hypothetical protein, conserved (fragment)	0,08228	0,7606
TcCLB.511259.200	mucin-associated surface protein (MASP, pseudogene), pu	0,08226	0,8761
TcCLB.511025.50	glucosamine-6-phosphate isomerase, putative	0,08223	0,4087
TcCLB.511145.46	60S ribosomal protein L37a, putative	0,08222	0,4905
TcCLB.509899.50	mucin-associated surface protein (MASP, pseudogene), pu	0,08197	0,7924
TcCLB.509109.114	mitochondrial carrier protein, putative	0,08192	0,6521
TcCLB.508879.40	hypothetical protein, conserved	0,08187	0,5472

TcCLB.511121.20	hypothetical protein	0,08186	0,8504
TcCLB.508593.69	hypothetical protein, conserved	0,08184	0,7899
TcCLB.508109.60	trans-sialidase, Group V, putative	0,08167	0,8385
TcCLB.511511.50	hypothetical protein, conserved	0,08165	0,5567
TcCLB.506683.30	hypothetical protein, conserved	0,08162	0,7666
TcCLB.508089.20	UDP-glucuronosyl and UDP-glucosyl transferase, putative	0,08155	0,6344
TcCLB.509961.30	hypothetical protein, conserved	0,0815	0,5755
TcCLB.509393.20	hypothetical protein, conserved	0,08143	0,6315
TcCLB.511483.40	prefoldin subunit 2, putative	0,08136	0,6475
TcCLB.461927.9	adenosine monophosphate deaminase, putative	0,08133	0,6568
TcCLB.506633.109	hypothetical protein (fragment)	0,08124	0,6721
TcCLB.506201.120	hypothetical protein, conserved	0,08119	0,5713
TcCLB.504795.9	dispersed gene family protein 1 (DGF-1), putative	0,08119	0,7481
TcCLB.511421.90	hypothetical protein, conserved	0,08094	0,615
TcCLB.507723.140	hypothetical protein, conserved	0,08086	0,6823
TcCLB.506357.100	DNA-directed RNA polymerase I subunit RPB5z, putative (F	0,08083	0,6614
TcCLB.506965.70	mucin-associated surface protein (MASP), putative	0,08082	0,8188
TcCLB.437575.9	GDP-mannose 4,6 dehydratase, putative	0,08081	0,8543
TcCLB.509507.20	hypothetical protein, conserved	0,08072	0,5099
TcCLB.511337.39	hypothetical protein, conserved	0,08071	0,7184
TcCLB.503703.90	hypothetical protein, conserved	0,08065	0,6727
TcCLB.503589.19	hypothetical protein, conserved	0,08062	0,7735
TcCLB.506459.180	trans-sialidase, Group V, putative	0,0806	0,8087
TcCLB.509805.50	hypothetical protein, conserved	0,08052	0,6886
TcCLB.507223.20	hypothetical protein, conserved	0,08051	0,8346
TcCLB.508761.30	mucin-associated surface protein (MASP), putative	0,0805	0,805
TcCLB.511423.140	hypothetical protein, conserved	0,08033	0,5373
TcCLB.510889.10	hypothetical protein, conserved	0,08029	0,7116
TcCLB.503775.10	surface protease GP63 (pseudogene), putative	0,08029	0,8353
TcCLB.507875.130	trans-sialidase (pseudogene), putative	0,08022	0,8085
TcCLB.503925.90	hypothetical protein, conserved	0,08021	0,8155
TcCLB.505071.104	hypothetical protein, conserved	0,08018	0,784
TcCLB.507029.20	DNA-J protein, putative	0,08006	0,6512
TcCLB.509747.60	hypothetical protein, conserved	0,07997	0,5472
TcCLB.510055.30	hypothetical protein, conserved	0,07996	0,8182
TcCLB.509897.160	trans-sialidase (pseudogene), putative	0,07989	0,7557
TcCLB.503955.89	hypothetical protein, conserved	0,07973	0,6342
TcCLB.506563.100	hypothetical protein, conserved	0,0797	0,4992
TcCLB.511111.20	hypothetical protein	0,0797	0,6104
TcCLB.466529.9	hypothetical protein, conserved	0,07961	0,7006
TcCLB.510719.30	ribosomal protein L29, putative	0,07955	0,5393
TcCLB.507001.20	hypothetical protein, conserved	0,07953	0,6976
TcCLB.506567.20	hypothetical protein	0,07948	0,6495
TcCLB.507233.60	retrotransposon hot spot protein (RHS, pseudogene), putat	0,07934	0,6598
TcCLB.509897.170	mucin-associated surface protein (MASP, pseudogene), pu	0,07932	0,7919

TcCLB.508295.40	mucin-associated surface protein (MASP), putative	0,07931	0,8985
TcCLB.507513.110	hypothetical protein	0,07927	0,6195
TcCLB.511217.140	coatomer delta subunit, putative	0,07926	0,4511
TcCLB.508373.10	glutamine dependent carbamoyl-phosphate synthase, puta	0,07926	0,5065
TcCLB.506503.140	extracellular receptor, putative	0,0792	0,5022
TcCLB.510279.250	mucin-associated surface protein (MASP), putative	0,0792	0,9162
TcCLB.507083.50	hypothetical protein, conserved	0,07919	0,6926
TcCLB.509805.260	dispersed gene family protein 1 (DGF-1, pseudogene), puta	0,07911	0,6756
TcCLB.508831.40	hypothetical protein, conserved	0,07909	0,7844
TcCLB.509065.33	hypothetical protein, conserved	0,07898	0,7279
TcCLB.509611.89	hypothetical protein, conserved	0,07898	0,7616
TcCLB.506919.70	hypothetical protein, conserved (pseudogene)	0,07898	0,8499
TcCLB.510359.680	mucin-associated surface protein (MASP, pseudogene), pu	0,07888	0,8854
TcCLB.510293.60	hypothetical protein, conserved	0,07886	0,6867
TcCLB.506581.60	hypothetical protein, conserved	0,07873	0,636
TcCLB.511809.50	hypothetical protein, conserved	0,07868	0,6682
TcCLB.511717.20	hypothetical protein, conserved	0,07863	0,5621
TcCLB.511445.20	radial spoke protein 3, putative (RSP3)	0,07855	0,5827
TcCLB.506855.120	hypothetical protein, conserved	0,07846	0,5563
TcCLB.511557.50	Present in the outer mitochondrial membrane proteome 1	0,0784	0,6867
TcCLB.505999.189	hypothetical protein, conserved (pseudogene)	0,07837	0,7721
TcCLB.506859.70	guide RNA associated protein, GAP2, putative	0,07832	0,4045
TcCLB.510285.100	eukaryotic translation initiation factor 4 gamma, putative	0,07811	0,4999
TcCLB.508409.130	protein transport protein Sec24A, putative	0,07803	0,3744
TcCLB.510359.371	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	0,07803	0,8061
TcCLB.506755.279	hypothetical protein, conserved	0,078	0,6293
TcCLB.506147.30	synaptojanin (N-terminal domain), putative	0,07796	0,5382
TcCLB.508365.30	mucin TcMUCII, putative	0,07792	0,8828
TcCLB.509631.150	hypothetical protein, conserved	0,07783	0,8223
TcCLB.504123.50	hypothetical protein, conserved (pseudogene)	0,07781	0,5012
TcCLB.511539.18	hypothetical protein, conserved	0,07779	0,6549
TcCLB.506025.70	dolichyl-lipid chaperone, putative (rft1)	0,07749	0,7281
TcCLB.507001.130	hypothetical protein, conserved	0,07747	0,6301
TcCLB.508139.120	hypothetical protein	0,07745	0,8752
TcCLB.504215.50	hypothetical protein, conserved	0,07734	0,5537
TcCLB.503899.10	heat shock 70 kDa protein, putative	0,07728	0,6092
TcCLB.509799.10	adaptin complex 4 subunit, putative	0,07719	0,6411
TcCLB.511291.10	intraflagellar transport protein 80, putative (fragment) (IF	0,07714	0,6872
TcCLB.507017.100	hypothetical protein, conserved	0,07688	0,7533
TcCLB.510123.50	iron-sulfur cluster assembly protein, putative	0,07683	0,6099
TcCLB.509429.220	dolichyl-P-Man:GDP-Man5GlcNAc2-PP-dolichyl alpha-1,2-n	0,0768	0,5756
TcCLB.511487.100	retrotransposon hot spot protein (RHS, pseudogene), putat	0,07677	0,7304
TcCLB.510691.95	hypothetical protein, conserved (fragment)	0,07675	0,713
TcCLB.503697.9	proteasome regulatory non-ATPase subunit 11, putative (fr	0,07672	0,6165
TcCLB.511173.440	trans-sialidase, Group V, putative	0,07663	0,8252

TcCLB.506493.30	hypothetical protein, conserved	0,0766	0,5926
TcCLB.507089.260	CYC2-like cyclin, putative	0,07654	0,6271
TcCLB.508927.10	hypothetical protein, conserved	0,07653	0,7394
TcCLB.506459.100	surface protease GP63 (pseudogene), putative	0,07647	0,8885
TcCLB.506443.60	hypothetical protein	0,07638	0,6011
TcCLB.508633.100	retrotransposon hot spot (RHS) protein, putative	0,07636	0,7147
TcCLB.508207.110	60S ribosomal protein L7, putative	0,07633	0,3373
TcCLB.510729.220	hypothetical protein, conserved	0,07632	0,3604
TcCLB.511089.5	trans-sialidase (pseudogene), putative	0,07618	0,9228
TcCLB.506925.520	hypothetical protein, conserved	0,07615	0,5928
TcCLB.509569.50	guanine nucleotide exchange factor subunit GCD7	0,07614	0,5695
TcCLB.508257.204	hypothetical protein, conserved	0,07609	0,6442
TcCLB.506265.70	hypothetical protein, conserved	0,07606	0,6067
TcCLB.508541.225	casein kinase, putative	0,07601	0,6424
TcCLB.510715.11	hypothetical protein	0,07598	0,7834
TcCLB.510575.180	adenylate kinase, putative	0,07591	0,696
TcCLB.506295.140	hypothetical protein, conserved	0,07571	0,6121
TcCLB.506289.120	mucin-associated surface protein (MASP), putative	0,07562	0,7959
TcCLB.510307.180	glycine dehydrogenase [decarboxylating] (pseudogene), pu	0,07557	0,5685
TcCLB.503971.30	hypothetical protein, conserved	0,07552	0,7327
TcCLB.506563.20	exosome-associated protein 1, putative (EAP1)	0,07537	0,6805
TcCLB.505939.30	hypothetical protein, conserved	0,07535	0,4988
TcCLB.507483.20	ef-hand protein 5, putative	0,07522	0,6909
TcCLB.507911.40	hypothetical protein, conserved (pseudogene)	0,07507	0,7134
TcCLB.506289.250	surface protease GP63 (pseudogene), putative	0,07507	0,8949
TcCLB.506737.121	mucin-associated surface protein (MASP, pseudogene), pu	0,07481	0,6503
TcCLB.510219.20	hypothetical protein, conserved	0,07465	0,7195
TcCLB.511087.10	mucin-associated surface protein (MASP, pseudogene), pu	0,07462	0,8622
TcCLB.511421.170	hypothetical protein, conserved	0,07461	0,6195
TcCLB.507231.30	mucin-associated surface protein (MASP), putative	0,07456	0,8632
TcCLB.511633.70	protein kinase, putative	0,07429	0,5284
TcCLB.507811.114	hypothetical protein, conserved	0,07428	0,6306
TcCLB.509105.110	hypothetical protein, conserved	0,0742	0,6116
TcCLB.510105.170	dihydrolipoamide acetyltransferase precursor, putative	0,07416	0,4872
TcCLB.511807.6	ATP-dependent DEAD/H RNA helicase (pseudogene), putat	0,07395	0,6652
TcCLB.509203.79	guanine-nucleotide-exchange-factor, putative (fragment)	0,07384	0,7495
TcCLB.508789.150	mucin-associated surface protein (MASP), putative	0,0737	0,8444
TcCLB.511735.88	hypothetical protein, conserved (fragment)	0,07367	0,8385
TcCLB.510259.12	hypothetical protein, conserved	0,07366	0,8238
TcCLB.507847.20	mucin-associated surface protein (MASP, pseudogene), pu	0,07326	0,698
TcCLB.490507.10	hypothetical protein, conserved	0,07323	0,6505
TcCLB.503703.40	hypothetical protein, conserved	0,07319	0,654
TcCLB.507527.4	dolichyl-P-Man:GDP-Man5GlcNAc2-PP-dolichyl alpha-1,2-n	0,07317	0,7908
TcCLB.503647.40	hypothetical protein	0,07312	0,7007
TcCLB.508527.30	trans-sialidase (pseudogene), putative	0,07311	0,7132

TcCLB.503925.20	hypothetical protein, conserved	0,07295	0,5997
TcCLB.510361.190	mucin-associated surface protein (MASP), putative	0,07289	0,8865
TcCLB.508407.4	hypothetical protein, conserved	0,07273	0,8739
TcCLB.509767.40	hypothetical protein, conserved	0,07272	0,6246
TcCLB.448661.10	mucin-associated surface protein (MASP), putative (fragm	0,07266	0,8828
TcCLB.509645.10	hypothetical protein, conserved	0,07264	0,5604
TcCLB.510081.11	hypothetical protein, conserved (pseudogene)	0,0726	0,6483
TcCLB.510061.30	trans-sialidase, Group V, putative	0,07254	0,8104
TcCLB.506999.80	hypothetical protein, conserved	0,07248	0,6986
TcCLB.503425.10	hypothetical protein, conserved	0,07245	0,632
TcCLB.511907.160	mucin-associated surface protein (MASP, pseudogene), pu	0,07245	0,7597
TcCLB.509011.70	adrenodoxin precursor, putative	0,0723	0,7715
TcCLB.506629.110	hypothetical protein, conserved	0,07221	0,659
TcCLB.505037.50	small GTP-binding protein RAB6, putative	0,0722	0,5515
TcCLB.509695.184	40S ribosomal protein S23, putative	0,0721	0,4524
TcCLB.508277.340	Eukaryotic translation initiation factor 4 gamma type 2, pu	0,07202	0,4965
TcCLB.506583.20	hypothetical protein, conserved	0,072	0,79
TcCLB.510805.70	mucin TcMUCII, putative	0,07188	0,9075
TcCLB.507985.20	retrotransposon hot spot protein (RHS, pseudogene), putat	0,07183	0,7599
TcCLB.507011.130	hypothetical protein, conserved	0,07178	0,6354
TcCLB.509195.10	hypothetical protein	0,07175	0,8922
TcCLB.510667.100	hypothetical protein, conserved	0,07163	0,5097
TcCLB.510613.30	hypothetical protein	0,07148	0,6279
TcCLB.506767.220	mucin TcMUCII, putative	0,07142	0,9048
TcCLB.506657.88	hypothetical protein, conserved	0,07141	0,912
TcCLB.508277.110	cAMP specific phosphodiesterase, putative	0,07137	0,6579
TcCLB.511217.200	tyrosyl or methionyl-tRNA synthetase, putative	0,07122	0,6504
TcCLB.506041.40	hypothetical protein, conserved	0,07108	0,6521
TcCLB.509161.50	hypothetical protein, conserved	0,07106	0,6707
TcCLB.503999.110	hypothetical protein, conserved (fragment)	0,07098	0,8297
TcCLB.510611.40	hypothetical protein, conserved	0,07096	0,614
TcCLB.506797.10	hypothetical protein, conserved	0,07093	0,593
TcCLB.511269.40	cAMP phosphodiesterase A, putative (PDEA)	0,07088	0,7486
TcCLB.508287.10	dispersed gene family protein 1 (DGF-1), putative	0,07084	0,9026
TcCLB.511647.42	hypothetical protein, conserved	0,07081	0,7837
TcCLB.507797.9	nuclear transcription factor, putative	0,0708	0,7932
TcCLB.510657.110	hypothetical protein, conserved	0,07075	0,6183
TcCLB.506499.215	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	0,07068	0,9069
TcCLB.508881.110	GTP-binding protein, putative	0,07067	0,6739
TcCLB.510295.10	Enriched in surface-labeled proteome protein 18 (ESP18)	0,07063	0,6123
TcCLB.511423.100	kinetoplast ribosomal PPR-repeat containing protein 3, put	0,07063	0,6244
TcCLB.412093.10	antigenic protein (pseudogene), putative	0,07063	0,8209
TcCLB.503929.50	hypothetical protein, conserved	0,07061	0,7214
TcCLB.504105.60	hypothetical protein, conserved	0,07027	0,6446
TcCLB.511301.20	hypothetical protein, conserved	0,0702	0,6719



TcCLB.511287.40	40S ribosomal protein S2, putative	0,07018	0,3688
TcCLB.504181.10	60S ribosomal protein L9, putative	0,07018	0,4086
TcCLB.416503.10	trans-sialidase (pseudogene), putative	0,07007	0,6507
TcCLB.506585.90	RNA processing endonuclease 1, putative	0,07003	0,6908
TcCLB.509085.120	retrotransposon hot spot (RHS) protein, putative	0,07002	0,7662
TcCLB.511017.40	hd phosphohydrolase family protein	0,06984	0,8125
TcCLB.506795.40	phosphatidylserine synthase, putative	0,06983	0,6708
TcCLB.511107.20	hypothetical protein, conserved (pseudogene)	0,06969	0,6877
TcCLB.503803.20	hypothetical protein, conserved	0,06969	0,7702
TcCLB.507519.10	hypothetical protein, conserved (pseudogene)	0,0696	0,6775
TcCLB.509167.50	hypothetical protein	0,06954	0,7284
TcCLB.511339.10	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, putative	0,06939	0,8741
TcCLB.506941.170	ADP-ribosylation factor-like protein, putative	0,06935	0,7224
TcCLB.508543.30	40S ribosomal protein S9, putative	0,06929	0,4079
TcCLB.508479.210	hypothetical protein, conserved	0,06916	0,6779
TcCLB.509669.140	hypothetical protein, conserved	0,06911	0,7477
TcCLB.504057.40	NAD dependent epimerase/dehydratase family, putative (I)	0,06903	0,5462
TcCLB.511585.90	hypothetical protein, conserved	0,06902	0,5665
TcCLB.506567.130	hypothetical protein, conserved	0,06899	0,7844
TcCLB.503847.80	hypothetical protein, conserved	0,06895	0,6581
TcCLB.509247.20	ras-related protein Rab21, putative (RAB21)	0,06892	0,6909
TcCLB.510579.20	Peptide deformylase 2, putative (PDF2)	0,0688	0,6521
TcCLB.510903.70	hypothetical protein, conserved	0,06873	0,6547
TcCLB.509965.120	hypothetical protein, conserved	0,06869	0,6665
TcCLB.511423.90	zeta tubulin, putative	0,06865	0,6721
TcCLB.508445.20	iron superoxide dismutase, putative	0,06863	0,6029
TcCLB.507305.30	casein kinase, putative	0,0686	0,8274
TcCLB.511537.50	chaperone DNAJ protein, putative	0,06859	0,6438
TcCLB.509543.40	hypothetical protein, conserved	0,06856	0,6746
TcCLB.507069.94	mucin-associated surface protein (MASP), putative	0,06845	0,8829
TcCLB.508401.50	hypothetical protein, conserved (pseudogene)	0,06837	0,6483
TcCLB.510943.90	hypothetical protein, conserved	0,06834	0,7982
TcCLB.507709.40	hypothetical protein, conserved	0,06826	0,7112
TcCLB.511033.20	hypothetical protein	0,06825	0,6542
TcCLB.420369.40	hypothetical protein, conserved	0,06825	0,7009
TcCLB.505051.20	Checkpoint protein HUS1, putative (hus1)	0,06823	0,665
TcCLB.504159.40	aquaporin-like protein, putative	0,06817	0,6969
TcCLB.510305.60	hypothetical protein, conserved	0,06806	0,5438
TcCLB.506999.150	vesicle-associated membrane protein, putative	0,06793	0,6178
TcCLB.509213.170	transcription activator, putative	0,06787	0,507
TcCLB.507053.80	hypothetical protein, conserved	0,06786	0,633
TcCLB.508547.40	hypothetical protein, conserved	0,06772	0,7561
TcCLB.504035.100	hypothetical protein, conserved	0,06757	0,605
TcCLB.508637.40	hypothetical protein, conserved	0,06743	0,7725
TcCLB.507601.120	hypothetical protein, conserved	0,06742	0,7556

TcCLB.506587.60	target SNARE, putative	0,06738	0,6925
TcCLB.507519.154	hypothetical protein, conserved	0,06738	0,7126
TcCLB.507041.40	hypothetical protein, conserved	0,06731	0,5602
TcCLB.506733.90	hypothetical protein, conserved	0,0673	0,627
TcCLB.508245.60	mucin TcMUCII, putative	0,06717	0,9185
TcCLB.507993.70	hypothetical protein, conserved	0,06713	0,5816
TcCLB.505267.60	trans-sialidase (pseudogene), putative	0,06712	0,5936
TcCLB.503529.30	hypothetical protein, conserved	0,06706	0,7241
TcCLB.506753.90	hypothetical protein, conserved	0,06704	0,5254
TcCLB.508879.100	hypothetical protein, conserved	0,06704	0,5278
TcCLB.503395.50	40S ribosomal protein S12, putative	0,06697	0,5052
TcCLB.507771.120	trans-sialidase (pseudogene), putative	0,06679	0,7881
TcCLB.508465.60	hypothetical protein, conserved	0,06674	0,6219
TcCLB.503939.70	hypothetical protein	0,0667	0,5081
TcCLB.505025.20	surface protease GP63 (pseudogene), putative	0,06658	0,9129
TcCLB.506163.80	katanin, putative	0,06654	0,6842
TcCLB.510515.40	hypothetical protein, conserved	0,06653	0,8382
TcCLB.510969.4	hypothetical protein	0,06636	0,8619
TcCLB.503699.11	mucin-associated surface protein (MASP, pseudogene), pu	0,0663	0,9393
TcCLB.504169.10	dispersed gene family protein 1 (DGF-1), putative	0,06625	0,7834
TcCLB.511837.50	DNA repair protein, putative	0,06613	0,7232
TcCLB.503971.10	hypothetical protein, conserved	0,06609	0,5081
TcCLB.506661.130	ion transport protein, putative	0,06609	0,6807
TcCLB.503843.30	hypothetical protein, conserved	0,06592	0,6398
TcCLB.507103.29	hypothetical protein, conserved (fragment)	0,0659	0,7392
TcCLB.506247.280	hypothetical protein, conserved	0,06588	0,6693
TcCLB.509089.9	dispersed gene family protein 1 (DGF-1), putative	0,06585	0,7844
TcCLB.506579.90	hypothetical protein	0,0658	0,582
TcCLB.511349.100	trans-sialidase, Group II, putative	0,06559	0,8137
TcCLB.508139.160	expression site-associated gene (ESAG-like) protein, putati	0,06558	0,8357
TcCLB.506925.350	hypothetical protein, conserved	0,06556	0,5857
TcCLB.508781.20	ATP synthase, putative	0,06554	0,5985
TcCLB.507747.170	mucin-associated surface protein (MASP), putative	0,06551	0,8251
TcCLB.436497.10	hypothetical protein	0,0654	0,6642
TcCLB.510143.60	hypothetical protein, conserved	0,06534	0,7386
TcCLB.511603.356	syntaxin binding protein (pseudogene), putative	0,06534	0,9203
TcCLB.503903.10	hypothetical protein	0,065	0,7697
TcCLB.508693.70	hypothetical protein, conserved	0,06491	0,6998
TcCLB.510407.9	protein kinase, putative	0,06483	0,8507
TcCLB.510475.90	mucin TcMUCII, putative	0,06483	0,9071
TcCLB.422189.10	nucleoside phosphatase, putative	0,0647	0,7134
TcCLB.507677.39	40S ribosomal protein S3, putative	0,06457	0,4214
TcCLB.510145.59	exonuclease, putative	0,06456	0,7173
TcCLB.508243.10	mucin-associated surface protein (MASP), putative	0,06444	0,8674
TcCLB.504431.80	hypothetical protein	0,06416	0,6807

TcCLB.510121.100	hypothetical protein	0,06409	0,8341
TcCLB.510063.39	DNA repair protein, putative	0,06403	0,6438
TcCLB.506577.54	60S ribosomal protein L6, putative	0,06392	0,5703
TcCLB.506459.250	hypothetical protein, conserved	0,06392	0,7356
TcCLB.506211.180	mitogen-activated protein kinase 9, putative (MPK9)	0,06391	0,6443
TcCLB.508837.70	trans-sialidase, Group II, putative	0,0639	0,7405
TcCLB.507873.50	hypothetical protein, conserved	0,06385	0,7842
TcCLB.511021.60	hypothetical protein, conserved	0,06383	0,7006
TcCLB.510665.10	hypothetical protein, conserved	0,06364	0,6521
TcCLB.509505.30	10 kDa heat shock protein, putative	0,06362	0,796
TcCLB.506945.290	ribosomal protein L15, putative	0,06354	0,5474
TcCLB.510761.80	surface protease GP63, putative	0,06352	0,8514
TcCLB.509797.40	isoleucyl-tRNA synthetase, putative	0,06349	0,5211
TcCLB.507827.10	dispersed gene family protein 1 (DGF-1), putative	0,06346	0,799
TcCLB.506425.140	hypothetical protein, conserved	0,0634	0,703
TcCLB.507015.59	expression site-associated gene (ESAG-like, pseudogene),	0,06338	0,7936
TcCLB.506525.80	N-myristoyl transferase, putative	0,0633	0,691
TcCLB.509073.40	outer dynein arm docking complex protein (DC2)	0,06329	0,6398
TcCLB.507521.50	proteasome beta 6 subunit, putative	0,06319	0,6474
TcCLB.510149.40	hypothetical protein, conserved	0,06312	0,7224
TcCLB.507467.100	hypothetical protein	0,06308	0,6622
TcCLB.510613.10	hypothetical protein, conserved	0,06308	0,7268
TcCLB.510667.80	hypothetical protein, conserved	0,06304	0,7612
TcCLB.504115.50	retrotransposon hot spot protein (RHS, pseudogene), putat	0,06292	0,7974
TcCLB.509151.20	hypothetical protein	0,06289	0,7173
TcCLB.507993.260	hypothetical protein, conserved	0,06288	0,6296
TcCLB.503601.20	hypothetical protein	0,0628	0,9081
TcCLB.509017.9	hypothetical protein, conserved (fragment)	0,06262	0,7919
TcCLB.511495.11	hypothetical protein, conserved (fragment)	0,06255	0,8385
TcCLB.411427.30	hypothetical protein, conserved	0,06242	0,6256
TcCLB.504105.94	ribosomal protein S25, putative	0,06233	0,4925
TcCLB.503877.19	hypothetical protein, conserved	0,06225	0,8114
TcCLB.511903.220	hypothetical protein, conserved	0,0621	0,6157
TcCLB.505997.160	retrotransposon hot spot protein (RHS, pseudogene), putat	0,06208	0,7839
TcCLB.503981.60	hypothetical protein, conserved	0,06165	0,7023
TcCLB.503465.30	Iron-sulfur assembly protein 2, putative (Isa2)	0,06165	0,848
TcCLB.510275.330	mucin TcMUCII, putative	0,06162	0,9159
TcCLB.508173.240	hypothetical protein, conserved	0,06143	0,744
TcCLB.507825.20	RNA helicase, putative	0,06127	0,5408
TcCLB.511603.30	mucin-associated surface protein (MASP), putative	0,06126	0,9139
TcCLB.511885.50	retrotransposon hot spot protein (RHS, pseudogene), putat	0,06125	0,6962
TcCLB.503609.32	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	0,06121	0,9324
TcCLB.508277.390	hypothetical protein, conserved	0,06116	0,608
TcCLB.509205.50	hypothetical protein, conserved	0,06116	0,7252
TcCLB.507033.29	extracellular receptor, putative (fragment)	0,06112	0,7333

TcCLB.431849.20	hypothetical protein, conserved (fragment)	0,0611	0,84
TcCLB.511299.79	oxidoreductase, putative (fragment)	0,06082	0,7629
TcCLB.510085.60	mucin-associated surface protein (MASP), putative	0,06067	0,8529
TcCLB.510295.50	protein kinase, putative	0,06065	0,7268
TcCLB.507517.50	hypothetical protein	0,06065	0,7493
TcCLB.507739.100	hypothetical protein	0,0606	0,7464
TcCLB.506729.20	hypothetical protein, conserved	0,06057	0,7998
TcCLB.506289.170	surface protease GP63, putative	0,0605	0,8614
TcCLB.503819.10	hypothetical protein, conserved	0,06049	0,7029
TcCLB.509353.60	calmodulin, putative	0,0604	0,5861
TcCLB.510469.30	trans-sialidase (pseudogene), putative	0,06031	0,9122
TcCLB.506755.260	mitochondrial RNA-binding protein 2, putative	0,06025	0,6679
TcCLB.505007.39	hypothetical protein, conserved	0,06023	0,7922
TcCLB.508507.30	calcium uniporter protein, mitochondrial, putative	0,06005	0,7747
TcCLB.506857.110	hypothetical protein, conserved	0,05999	0,7455
TcCLB.504057.130	hypothetical protein, conserved	0,05994	0,5659
TcCLB.511367.340	mitochondrial processing peptidase alpha subunit, putative	0,05987	0,5478
TcCLB.510165.50	hypothetical protein, conserved	0,05984	0,7932
TcCLB.506755.40	hypothetical protein, conserved	0,05983	0,7869
TcCLB.509203.30	hd phosphohydrolase family protein	0,05983	0,831
TcCLB.507809.74	signal peptidase type I, putative	0,05971	0,7277
TcCLB.507007.20	hypothetical protein, conserved	0,05962	0,644
TcCLB.508347.110	hypothetical protein, conserved	0,05934	0,794
TcCLB.506679.100	40S ribosomal protein S18, putative	0,05926	0,5162
TcCLB.511295.20	hypothetical protein, conserved	0,05906	0,8386
TcCLB.506133.125	hypothetical protein, conserved (pseudogene)	0,05905	0,9473
TcCLB.508641.170	protein kinase, putative	0,05885	0,782
TcCLB.508569.90	hypothetical protein, conserved	0,05872	0,7112
TcCLB.508661.20	ubiquitin/ribosomal protein S27a, putative	0,05869	0,5581
TcCLB.511043.45	trans-sialidase (pseudogene), putative	0,05867	0,7397
TcCLB.506697.50	peptidyl-prolyl cis-trans isomerase NIMA-interacting 4, putative	0,05864	0,8048
TcCLB.506947.90	adenylate kinase, putative	0,05862	0,7602
TcCLB.510199.30	mucin-associated surface protein (MASP), putative	0,05858	0,8892
TcCLB.509767.180	exosome component CSL4, putative (CSL4)	0,05854	0,812
TcCLB.507255.50	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, putative	0,05821	0,8666
TcCLB.509613.10	hypothetical protein, conserved	0,0582	0,7687
TcCLB.503489.10	metallo-peptidase, Clan MC, Family M14, putative	0,05813	0,6606
TcCLB.510427.5	hypothetical protein, conserved	0,05806	0,8445
TcCLB.509611.160	proteasome regulatory non-ATPase subunit, putative	0,05784	0,6716
TcCLB.511883.49	hypothetical protein, conserved (fragment)	0,0578	0,745
TcCLB.506499.170	trans-sialidase, Group V, putative	0,0578	0,8896
TcCLB.508851.110	hypothetical protein, conserved	0,05776	0,8345
TcCLB.508625.50	6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase, putative	0,05753	0,7697
TcCLB.511383.70	hypothetical protein, conserved	0,05753	0,7922
TcCLB.508469.50	hypothetical protein, conserved (pseudogene)	0,05744	0,7268

TcCLB.506017.20	hypothetical protein, conserved (pseudogene)	0,05743	0,7055
TcCLB.511507.120	hypothetical protein, conserved	0,05732	0,7561
TcCLB.506471.90	dispersed gene family protein 1 (DGF-1, pseudogene), puta	0,0573	0,8065
TcCLB.511237.120	hypothetical protein	0,05728	0,8729
TcCLB.511711.90	cop-coated vesicle membrane protein p24 precursor, putat	0,05715	0,6717
TcCLB.509229.120	hypothetical protein, conserved	0,057	0,7708
TcCLB.507711.40	RNA-binding protein, putative	0,05694	0,7309
TcCLB.510747.80	Double RNA binding domain protein 9 (DRBD9)	0,05692	0,7123
TcCLB.508227.51	surface protease GP63 (pseudogene), putative	0,05687	0,9383
TcCLB.509965.300	hypothetical protein, conserved	0,05673	0,835
TcCLB.509897.70	trans-sialidase, Group V, putative	0,05667	0,8376
TcCLB.511799.9	hypothetical protein, conserved (fragment)	0,05655	0,6637
TcCLB.503573.9	ATP-binding cassette transporter ABCA1, putative (ABCA1)	0,05654	0,8057
TcCLB.506123.10	major vault protein, putative	0,05652	0,7408
TcCLB.510911.50	glycine dehydrogenase [decarboxylating], putative	0,05651	0,8677
TcCLB.509169.39	protein kinase, putative	0,05649	0,8419
TcCLB.509505.50	10 kDa heat shock protein, putative	0,05639	0,7166
TcCLB.506279.220	mucin-associated surface protein (MASP, pseudogene), pu	0,05622	0,8544
TcCLB.508957.30	hypothetical protein, conserved	0,05612	0,6622
TcCLB.510531.90	hypothetical protein, conserved (pseudogene)	0,0561	0,7454
TcCLB.507021.50	kinesin, putative	0,05604	0,6318
TcCLB.510579.60	heat shock protein, putative	0,05603	0,7282
TcCLB.503823.20	hypothetical protein, conserved	0,05601	0,8076
TcCLB.509607.40	hypothetical protein	0,05593	0,7313
TcCLB.511383.30	U1 small nuclear ribonucleoprotein, putative	0,05592	0,7844
TcCLB.511179.110	hypothetical protein, conserved	0,05579	0,7062
TcCLB.510483.320	retrotransposon hot spot protein (RHS, pseudogene), putat	0,05578	0,8266
TcCLB.508153.1070	hypothetical protein, conserved	0,05569	0,6959
TcCLB.508717.53	hypothetical protein, conserved	0,0555	0,6685
TcCLB.508387.30	hypothetical protein, conserved	0,05548	0,7156
TcCLB.508553.10	dispersed gene family protein 1 (DGF-1, pseudogene), puta	0,05541	0,859
TcCLB.503425.5	mitochondrial carrier protein, putative	0,0554	0,883
TcCLB.510429.24	hypothetical protein, conserved	0,05527	0,8296
TcCLB.508897.50	hypothetical protein, conserved	0,05525	0,6671
TcCLB.507993.250	hypothetical protein, conserved	0,05516	0,7166
TcCLB.506629.30	guide RNA-binding protein of 21 kDa (gBP21)	0,05504	0,6637
TcCLB.404001.20	hypothetical protein, conserved	0,05482	0,6122
TcCLB.510387.15	syntaxin binding protein (pseudogene), putative	0,05482	0,9139
TcCLB.504033.53	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase (p	0,05474	0,9417
TcCLB.507491.50	hypothetical protein, conserved	0,05458	0,7604
TcCLB.507601.50	hypothetical protein	0,05457	0,7561
TcCLB.506695.4	Putative intraflagellar transport protein C3 (fragment) (PIF	0,05456	0,7747
TcCLB.511217.209	hypothetical protein, conserved (fragment)	0,05445	0,8239
TcCLB.510565.120	hypothetical protein, conserved	0,05441	0,773
TcCLB.503779.10	hypothetical protein, conserved	0,05439	0,8253

TcCLB.510371.10	mucin-associated surface protein (MASP), putative	0,05426	0,8994
TcCLB.510317.40	hypothetical protein, conserved	0,05425	0,7186
TcCLB.506967.100	mucin-associated surface protein (MASP), putative	0,05423	0,9171
TcCLB.510073.10	cysteine peptidase (N-terminal), putative	0,05418	0,8613
TcCLB.504047.10	hypothetical protein, conserved	0,05407	0,8467
TcCLB.511309.20	hydrolase-like protein, putative	0,054	0,7985
TcCLB.508909.330	protein kinase, putative	0,05399	0,7015
TcCLB.511277.600	UDP-galactopyranose mutase (GLF)	0,05378	0,6635
TcCLB.506435.270	dihydroxyacetone phosphate acyltransferase, putative (DA <sup>-</sup>	0,05375	0,6574
TcCLB.507059.50	trans-sialidase, Group V, putative	0,05367	0,8475
TcCLB.509245.20	hypothetical protein, conserved	0,05361	0,8617
TcCLB.503917.40	hypothetical protein, conserved	0,05359	0,7312
TcCLB.509157.260	hypothetical protein	0,05354	0,7725
TcCLB.506163.35	hypothetical protein, conserved	0,05346	0,8252
TcCLB.508257.180	hypothetical protein, conserved	0,05328	0,7227
TcCLB.506943.130	hypothetical protein, conserved	0,05325	0,7764
TcCLB.511353.30	hypothetical protein, conserved	0,05325	0,7855
TcCLB.511471.90	glycine dehydrogenase [decarboxylating] (pseudogene), pu	0,0532	0,8605
TcCLB.508817.20	hypothetical protein	0,05317	0,703
TcCLB.508409.338	DNA repair protein, putative	0,05307	0,802
TcCLB.508921.20	hypothetical protein, conserved	0,05302	0,8151
TcCLB.505939.70	hypothetical protein, conserved	0,05271	0,7251
TcCLB.509733.100	translation elongation factor 1-beta, putative	0,05257	0,5098
TcCLB.506783.30	elongation factor 1-gamma (EF-1-gamma), putative	0,05252	0,9119
TcCLB.504131.190	mitochondrial carrier protein, putative	0,05248	0,7421
TcCLB.507491.110	hypothetical protein	0,05246	0,6884
TcCLB.416883.9	hypothetical protein, conserved (fragment)	0,05242	0,7972
TcCLB.511163.40	cell cycle sequence binding phosphoprotein (RBP45), putat	0,05241	0,7121
TcCLB.507519.50	hypothetical protein, conserved	0,05241	0,8032
TcCLB.507737.10	hypothetical protein, conserved	0,05241	0,8849
TcCLB.510301.50	hypothetical protein, conserved	0,0524	0,7928
TcCLB.507167.31	N-acetyltransferase complex ARD1 subunit (pseudogene),	0,05231	0,9348
TcCLB.509643.110	hypothetical protein, conserved	0,05228	0,7355
TcCLB.511603.380	mucin-associated surface protein (MASP), putative	0,05223	0,9179
TcCLB.505037.40	hypothetical protein, conserved	0,0522	0,7506
TcCLB.506457.60	2-aminoethylphosphonate:pyruvateaminotransferase- like	0,0522	0,7661
TcCLB.511911.140	hypothetical protein, conserved	0,05198	0,8
TcCLB.509719.28	hypothetical protein, conserved	0,05195	0,8707
TcCLB.508221.1050	trans-sialidase, putative	0,05193	0,916
TcCLB.509789.30	rab-like GTPase activating protein, putative	0,05183	0,7845
TcCLB.509669.100	hypothetical protein, conserved	0,05182	0,7522
TcCLB.510289.6	nucleolar RNA-binding protein, putative	0,05173	0,7844
TcCLB.507907.55	ATP-dependent DEAD/H RNA helicase (pseudogene), putat	0,05173	0,8416
TcCLB.508271.10	phenylalanyl-tRNA synthetase, putative	0,05165	0,6234
TcCLB.510143.50	hypothetical protein, conserved	0,05163	0,7661

TcCLB.509671.80	60S ribosomal protein L5, putative	0,05162	0,5404
TcCLB.508759.10	mucin-associated surface protein (MASP), putative	0,0516	0,945
TcCLB.507105.120	hypothetical protein, conserved (pseudogene)	0,0515	0,7641
TcCLB.506435.430	hypothetical protein, conserved	0,05141	0,6979
TcCLB.510283.50	hypothetical protein, conserved	0,05138	0,824
TcCLB.507519.210	glycine dehydrogenase [decarboxylating] (pseudogene), pu	0,05127	0,7834
TcCLB.508385.30	CYC2-like cyclin, putative	0,05094	0,6725
TcCLB.510175.30	trans-sialidase (pseudogene), putative	0,0506	0,8434
TcCLB.510735.100	hypothetical protein, conserved	0,05057	0,793
TcCLB.506575.30	hypothetical protein, conserved (pseudogene)	0,05033	0,6945
TcCLB.510363.60	trans-sialidase (pseudogene), putative	0,05031	0,9061
TcCLB.508417.10	hypothetical protein, conserved	0,0502	0,6884
TcCLB.460747.9	hypothetical protein, conserved (fragment)	0,05019	0,7229
TcCLB.508205.10	hypothetical protein, conserved	0,05019	0,8111
TcCLB.507623.129	vacuolar type h ATPase subunit, putative	0,05018	0,7823
TcCLB.507515.50	hypothetical protein	0,05018	0,787
TcCLB.507071.140	mucin-associated surface protein (MASP), putative	0,05017	0,9312
TcCLB.510497.190	hypothetical protein	0,05	0,9423
TcCLB.509579.40	hypothetical protein, conserved (pseudogene)	0,04998	0,8513
TcCLB.506945.350	serine/threonine protein kinase, putative	0,0498	0,5835
TcCLB.509871.39	hypothetical protein, conserved (pseudogene)	0,04968	0,7168
TcCLB.507669.200	hypothetical protein, conserved	0,04967	0,7797
TcCLB.504427.260	kinesin, putative	0,04954	0,6787
TcCLB.510719.170	hypothetical protein, conserved	0,04947	0,8285
TcCLB.511139.20	40S ribosomal protein S11, putative	0,04944	0,5611
TcCLB.504015.21	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	0,04943	0,9297
TcCLB.507467.30	hypothetical protein, conserved	0,04941	0,8458
TcCLB.511181.100	60S ribosomal protein L8, putative	0,0494	0,5738
TcCLB.505419.20	retrotransposon hot spot protein (RHS, pseudogene), putat	0,04939	0,7771
TcCLB.506625.60	inositol 5-phosphatase 1, putative	0,04936	0,6121
TcCLB.509683.40	hypothetical protein, conserved	0,04928	0,7629
TcCLB.511655.20	hypothetical protein, conserved	0,04928	0,7927
TcCLB.506501.390	mucin TcMUCII, putative	0,04928	0,9495
TcCLB.506297.270	60S ribosomal protein L28, putative	0,04915	0,5901
TcCLB.504147.20	60S ribosomal protein L18, putative	0,04904	0,5846
TcCLB.507713.20	hypothetical protein, conserved	0,04904	0,7829
TcCLB.509205.20	hypothetical protein, conserved	0,04903	0,81
TcCLB.508797.29	hypothetical protein, conserved	0,04883	0,6508
TcCLB.485845.9	dispersed gene family protein 1 (DGF-1), putative (fragme	0,04874	0,9471
TcCLB.508879.50	hypothetical protein	0,0487	0,7618
TcCLB.509337.19	hypothetical protein, conserved	0,04867	0,7949
TcCLB.508747.5	mucin-associated surface protein (MASP), putative	0,0486	0,9335
TcCLB.506905.20	hypothetical protein, conserved	0,04855	0,7588
TcCLB.505333.20	ATP-dependent DEAD/H RNA helicase (pseudogene), putat	0,04828	0,9294
TcCLB.503421.20	hypothetical protein, conserved (pseudogene)	0,0482	0,8441

TcCLB.508837.154	hypothetical protein, conserved	0,04815	0,8389
TcCLB.507963.70	hypothetical protein, conserved	0,04811	0,7347
TcCLB.509497.20	hypothetical protein, conserved	0,04791	0,7583
TcCLB.511045.10	hypothetical protein, conserved	0,04788	0,7661
TcCLB.503579.60	hypothetical protein	0,04773	0,7796
TcCLB.508303.50	hypothetical protein, conserved	0,04773	0,7977
TcCLB.509471.86	histone H3, putative	0,04754	0,594
TcCLB.508303.20	hypothetical protein	0,04751	0,7919
TcCLB.509287.220	hypothetical protein, conserved	0,0475	0,7496
TcCLB.510329.330	hypothetical protein, conserved	0,04749	0,7923
TcCLB.510315.14	hypothetical protein, conserved	0,04749	0,8346
TcCLB.506865.30	hypothetical protein, conserved	0,04744	0,7521
TcCLB.509115.41	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	0,04738	0,8822
TcCLB.509045.29	kinesin, putative	0,04736	0,8142
TcCLB.508207.100	60S ribosomal protein L7, putative	0,04734	0,5766
TcCLB.508727.54	hypothetical protein, conserved	0,04728	0,7863
TcCLB.509671.70	ribosomal protein L15, putative	0,04725	0,6016
TcCLB.503903.20	hypothetical protein, conserved	0,0471	0,8233
TcCLB.503987.70	ribosome biogenesis protein TSR3, putative (tsr3)	0,04708	0,8453
TcCLB.504157.100	hypothetical protein, conserved	0,04697	0,7704
TcCLB.508887.10	hypothetical protein, conserved (pseudogene)	0,04685	0,9468
TcCLB.506337.200	hypothetical protein, conserved	0,04663	0,6919
TcCLB.506603.40	trans-sialidase, Group V, putative	0,04661	0,89
TcCLB.508779.70	hypothetical protein, conserved	0,04648	0,732
TcCLB.506679.240	hypothetical protein, conserved	0,0464	0,7945
TcCLB.478711.10	trans-sialidase (pseudogene), putative	0,04637	0,7623
TcCLB.504787.70	mucin-associated surface protein (MASP), putative	0,04617	0,9022
TcCLB.507699.170	surface protease GP63 (pseudogene), putative	0,04594	0,8667
TcCLB.507427.10	trans-sialidase, Group I, putative	0,04589	0,8137
TcCLB.507093.90	hypothetical protein, conserved	0,04585	0,7567
TcCLB.506329.35	hypothetical protein, conserved (pseudogene)	0,04575	0,9505
TcCLB.506835.40	hypothetical protein, conserved	0,04573	0,7905
TcCLB.509885.50	hypothetical protein, conserved	0,04571	0,7946
TcCLB.509733.160	amino acid transporter, putative	0,04566	0,7881
TcCLB.508323.100	I/6 autoantigen, putative	0,04563	0,793
TcCLB.511491.130	dolichyl pyrophosphate phosphatase, putative	0,04557	0,8482
TcCLB.503919.50	hypothetical protein, conserved	0,04553	0,7562
TcCLB.510489.50	trans-sialidase, putative	0,0455	0,9441
TcCLB.508813.60	Present in the outer mitochondrial membrane proteome 1	0,04549	0,6536
TcCLB.509539.50	small GTP-binding protein, putative	0,04538	0,7173
TcCLB.511657.50	hypothetical protein, conserved	0,04536	0,9136
TcCLB.509693.130	hypothetical protein	0,04534	0,805
TcCLB.510187.400	serine/threonine protein phosphatase, putative	0,04518	0,7271
TcCLB.433273.10	dynein heavy chain, putative (fragment)	0,045	0,7671
TcCLB.511653.10	delta-adaptin, putative	0,04498	0,7388



TcCLB.510187.130	Bardet-Biedl syndrome 4 protein, putative (BBS4)	0,04492	0,7587
TcCLB.506967.60	trans-sialidase, Group VI, putative	0,04489	0,9114
TcCLB.506195.280	hypothetical protein, conserved	0,04485	0,6966
TcCLB.506357.180	hypothetical protein	0,04484	0,7529
TcCLB.508737.40	hypothetical protein	0,04479	0,7797
TcCLB.510665.40	DNA-repair protein, putative	0,0446	0,7173
TcCLB.511001.110	hypothetical protein, conserved	0,04456	0,8214
TcCLB.511287.10	hypothetical protein, conserved	0,04454	0,79
TcCLB.506667.40	mucin-associated surface protein (MASP), putative	0,04453	0,9398
TcCLB.507875.70	trans-sialidase, Group VII, putative	0,04452	0,9168
TcCLB.506163.70	hypothetical protein, conserved	0,04437	0,7614
TcCLB.503487.60	hypothetical protein, conserved	0,04431	0,832
TcCLB.511407.50	hypothetical protein, conserved	0,04427	0,7243
TcCLB.506363.90	amidohydrolase, putative	0,0442	0,7661
TcCLB.508967.20	dispersed gene family protein 1 (DGF-1), putative	0,04414	0,9133
TcCLB.510661.200	hypothetical protein, conserved	0,04409	0,7921
TcCLB.506885.120	protein kinase, putative	0,04394	0,8137
TcCLB.506613.70	hypothetical protein	0,04394	0,9249
TcCLB.510219.10	hypothetical protein, conserved	0,04385	0,8238
TcCLB.511311.14	retrotransposon hot spot protein (RHS, pseudogene), putat	0,04383	0,8056
TcCLB.503847.50	hypothetical protein, conserved	0,04351	0,8433
TcCLB.506457.99	hypothetical protein, conserved	0,04347	0,7602
TcCLB.503709.20	60S ribosomal protein L44, putative (fragment)	0,04343	0,6966
TcCLB.504741.250	protein kinase, putative	0,04341	0,7454
TcCLB.510877.130	hypothetical protein, conserved	0,04336	0,7224
TcCLB.507837.50	40S ribosomal protein S11, putative	0,04324	0,9229
TcCLB.510599.50	hypothetical protein	0,04323	0,7606
TcCLB.508845.5	retrotransposon hot spot protein (RHS, pseudogene), putat	0,04321	0,941
TcCLB.504741.200	hypothetical protein, conserved	0,0432	0,787
TcCLB.506855.330	hypothetical protein, conserved	0,04317	0,7622
TcCLB.510551.20	trans-sialidase (pseudogene), putative	0,04298	0,9103
TcCLB.507631.15	hypothetical protein, conserved (pseudogene)	0,04281	0,8948
TcCLB.504025.19	hypothetical protein, conserved (fragment)	0,04277	0,8677
TcCLB.503493.40	hypothetical protein, conserved	0,04272	0,9456
TcCLB.506499.210	mucin-associated surface protein (MASP), putative	0,04267	0,8948
TcCLB.511131.89	hypothetical protein, conserved	0,04266	0,8472
TcCLB.504881.40	hypothetical protein, conserved	0,04263	0,7504
TcCLB.506425.30	hypothetical protein, conserved	0,04255	0,7467
TcCLB.506067.34	mucin-associated surface protein (MASP, pseudogene), pu	0,04255	0,91
TcCLB.508207.260	hypothetical protein, conserved	0,04249	0,8291
TcCLB.508461.450	hypothetical protein, conserved	0,04245	0,793
TcCLB.506767.400	mucin-associated surface protein (MASP), putative	0,04242	0,9499
TcCLB.510383.9	dispersed gene family protein 1 (DGF-1), putative	0,04238	0,8906
TcCLB.507159.65	DNA-directed RNA polymerase subunit, putative	0,04227	0,8041
TcCLB.509243.60	ATP-dependent DEAD/H DNA helicase recQ, putative	0,04215	0,9071

TcCLB.511555.20	hypothetical protein, conserved	0,04209	0,7855
TcCLB.511515.20	AAA ATPase (pseudogene), putative	0,04204	0,7662
TcCLB.504047.60	protein kinase, putative	0,04201	0,7424
TcCLB.504239.290	mucin-associated surface protein (MASP), putative	0,04197	0,9249
TcCLB.508355.310	hypothetical protein, conserved	0,04196	0,7576
TcCLB.509921.40	retrotransposon hot spot protein (RHS, pseudogene), putat	0,04193	0,8321
TcCLB.511761.70	hypothetical protein, conserved	0,04188	0,8178
TcCLB.508541.110	mucin-associated surface protein (MASP), putative	0,04167	0,9344
TcCLB.508541.170	hypothetical protein, conserved	0,04159	0,876
TcCLB.509039.40	hypothetical protein	0,04156	0,837
TcCLB.506367.60	vacuolar protein sorting protein 16, putative	0,04155	0,7209
TcCLB.511621.100	hypothetical protein, conserved	0,04139	0,802
TcCLB.510293.20	cytosolic factor SEC14, putative	0,04138	0,8307
TcCLB.509105.94	hypothetical protein, conserved	0,0412	0,8722
TcCLB.511725.180	dynein, putative	0,04118	0,7619
TcCLB.506843.70	protein kinase, putative	0,04118	0,9516
TcCLB.508797.10	tubulin-tyrosine ligase-like protein, putative	0,04112	0,7685
TcCLB.511017.30	cyclin dependent kinase-binding protein, putative	0,0411	0,7418
TcCLB.509767.160	hypothetical protein, conserved	0,04109	0,885
TcCLB.511291.90	40S ribosomal protein S13, putative	0,04105	0,6776
TcCLB.506501.10	mucin-associated surface protein (MASP), putative	0,04101	0,9441
TcCLB.511127.260	DNA photolyase, putative	0,04095	0,7464
TcCLB.510597.40	nucleoporin (NUP54/57), putative	0,04087	0,8729
TcCLB.506977.130	ras-related protein Rab21, putative (RAB21)	0,0407	0,796
TcCLB.511407.60	small GTP-binding protein Rab11, putative (Rab11)	0,04068	0,8075
TcCLB.507401.9	dispersed gene family protein 1 (DGF-1), putative (fragme	0,04063	0,8826
TcCLB.503395.20	hypothetical protein, conserved	0,04051	0,8583
TcCLB.503953.59	mitochondrial DNA polymerase beta-PAK, putative	0,0405	0,8373
TcCLB.505995.10	dispersed gene family protein 1 (DGF-1), putative	0,04044	0,92
TcCLB.506605.200	hypothetical protein, conserved	0,04041	0,8334
TcCLB.511293.69	glycosomal malate dehydrogenase, putative	0,04034	0,6276
TcCLB.510627.60	mucin-associated surface protein (MASP), putative	0,04029	0,9542
TcCLB.508135.10	hypothetical protein, conserved	0,04023	0,8341
TcCLB.509453.30	GCN5-like protein, putative	0,04015	0,8841
TcCLB.508361.30	mucin TcMUCII, putative	0,04009	0,9377
TcCLB.503763.10	retrotransposon hot spot (RHS) protein, putative	0,04002	0,8934
TcCLB.511303.110	hypothetical protein, conserved	0,03998	0,7984
TcCLB.509053.100	protein kinase, putative	0,03988	0,802
TcCLB.503643.39	hypothetical protein, conserved	0,03971	0,864
TcCLB.504103.90	hypothetical protein, conserved	0,03967	0,8362
TcCLB.506613.30	hypothetical protein	0,03955	0,9471
TcCLB.506475.116	glutaredoxin, putative	0,03949	0,8617
TcCLB.419417.4	ADP-ribosylation factor, putative (fragment)	0,03943	0,7998
TcCLB.421321.9	exportin-T, putative (fragment)	0,03941	0,8161
TcCLB.507023.124	hypothetical protein, conserved	0,03939	0,9055

TcCLB.438147.18	hypothetical protein, conserved	0,03924	0,8837
TcCLB.508657.20	sec1-like protein (pseudogene), putative	0,0392	0,8094
TcCLB.506201.140	hypothetical protein, conserved	0,03903	0,7515
TcCLB.506945.310	hypothetical protein, conserved	0,039	0,8249
TcCLB.509649.50	hypothetical protein, conserved	0,03896	0,7511
TcCLB.510197.20	mucin-associated surface protein (MASP), putative	0,03877	0,8924
TcCLB.507091.60	trans-sialidase, Group V, putative	0,03874	0,8942
TcCLB.507669.110	hypothetical protein, conserved	0,03871	0,7542
TcCLB.506817.10	hypothetical protein, conserved	0,03868	0,6981
TcCLB.510901.170	hypothetical protein, conserved	0,03866	0,7415
TcCLB.511751.40	DNA-J protein, putative	0,03861	0,8578
TcCLB.508661.30	DnaJ chaperone protein, putative	0,03821	0,7592
TcCLB.510407.80	hypothetical protein, conserved	0,03817	0,7666
TcCLB.506841.8	hypothetical protein, conserved	0,03813	0,7767
TcCLB.507003.60	hypothetical protein, conserved	0,03787	0,7919
TcCLB.506301.60	hypothetical protein	0,03781	0,7565
TcCLB.509897.155	trans-sialidase (pseudogene), putative	0,03778	0,8734
TcCLB.506809.10	trans-sialidase (pseudogene), putative	0,03775	0,8941
TcCLB.506485.109	cyclic nucleotide-binding domain containing protein, putative	0,03774	0,8012
TcCLB.510207.30	trans-sialidase, Group V, putative	0,03768	0,9339
TcCLB.507011.120	acyl transferase-like protein, putative	0,03767	0,8105
TcCLB.506577.5	hypothetical protein	0,03765	0,8374
TcCLB.504021.149	hypothetical protein, conserved (fragment)	0,03765	0,8552
TcCLB.508577.10	trans-sialidase (pseudogene), putative	0,0376	0,9168
TcCLB.506241.50	hypothetical protein, conserved	0,03758	0,8226
TcCLB.507065.60	mucin-associated surface protein (MASP), putative	0,0375	0,9128
TcCLB.402449.10	trans-sialidase (pseudogene), putative	0,03745	0,8961
TcCLB.511895.50	hypothetical protein, conserved	0,03744	0,7887
TcCLB.511661.40	signal peptidase type I, putative	0,03735	0,8654
TcCLB.509895.110	hypothetical protein, conserved	0,03733	0,9279
TcCLB.508821.50	vacuolar type h ATPase subunit, putative	0,03728	0,8372
TcCLB.507029.10	hypothetical protein, conserved	0,03714	0,8221
TcCLB.508815.20	hypothetical protein, conserved	0,03714	0,8305
TcCLB.503999.100	phospholipid-transporting ATPase 1-like protein, putative	0,03711	0,8777
TcCLB.506865.4	hypothetical protein, conserved	0,03706	0,8805
TcCLB.511239.159	inosine-guanine nucleoside hydrolase, putative	0,03695	0,9409
TcCLB.507681.10	hypothetical protein, conserved	0,03693	0,9168
TcCLB.510279.340	mucin TcMUCII, putative	0,03688	0,9582
TcCLB.504741.149	hypothetical protein	0,03678	0,92
TcCLB.507105.80	dispersed gene family protein 1 (DGF-1), putative	0,03663	0,9376
TcCLB.509627.10	bilobe protein, conserved	0,03662	0,7614
TcCLB.507811.70	hypothetical protein, conserved	0,0366	0,8266
TcCLB.511259.161	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	0,03634	0,9483
TcCLB.509599.90	hypothetical protein, conserved	0,03598	0,8129
TcCLB.506359.60	UTP-glucose-1-phosphate uridylyltransferase 2, putative	0,03595	0,8535

TcCLB.508165.130	surface protease GP63, putative	0,03592	0,9363
TcCLB.507875.20	glutamate dehydrogenase, putative	0,03579	0,8457
TcCLB.511433.20	hypothetical protein, conserved	0,03577	0,9197
TcCLB.511249.90	hypothetical protein, conserved	0,03571	0,7948
TcCLB.509525.230	mucin-associated surface protein (MASP), putative	0,03566	0,9296
TcCLB.511751.90	hypothetical protein	0,0355	0,8657
TcCLB.509757.20	leucine carboxyl methyltransferase, putative	0,03541	0,8452
TcCLB.503495.5	hypothetical protein	0,03535	0,9229
TcCLB.506135.40	hypothetical protein, conserved	0,03531	0,7891
TcCLB.506811.160	R27-2 protein, putative	0,03525	0,7197
TcCLB.509031.10	surface protease GP63 (pseudogene), putative	0,03515	0,9025
TcCLB.508879.229	chaperone DNAJ protein, putative	0,03506	0,9199
TcCLB.510255.10	hypothetical protein, conserved	0,03484	0,8631
TcCLB.507959.310	mucin TcMUCII, putative	0,03477	0,9505
TcCLB.511667.140	trans-sialidase (pseudogene), putative	0,03472	0,8656
TcCLB.503881.4	hypothetical protein, conserved	0,03471	0,9402
TcCLB.509641.30	Ubiquitin-like modifier-activating enzyme ATG7, putative (	0,03457	0,8111
TcCLB.511391.90	endosomal integral membrane protein, putative	0,03451	0,8241
TcCLB.508831.100	hypothetical protein, conserved	0,03447	0,8393
TcCLB.506925.230	hypothetical protein, conserved	0,03426	0,7503
TcCLB.511577.30	hypothetical protein, conserved	0,03402	0,8285
TcCLB.510817.30	hypothetical protein, conserved (pseudogene)	0,034	0,8752
TcCLB.511165.4	cytoplasmic translation machinery associated protein, puta	0,03395	0,9136
TcCLB.511589.20	hypothetical protein	0,0339	0,8636
TcCLB.506685.10	hypothetical protein, conserved	0,03382	0,7847
TcCLB.509515.20	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, pu	0,03371	0,9483
TcCLB.412509.10	retrotransposon hot spot (RHS) protein, putative	0,03368	0,919
TcCLB.508741.340	hypothetical protein, conserved	0,03352	0,8329
TcCLB.507883.25	hypothetical protein, conserved	0,03352	0,9381
TcCLB.509847.10	retrotransposon hot spot protein (RHS, pseudogene), putat	0,03349	0,9249
TcCLB.509551.130	hypothetical protein, conserved	0,03331	0,8107
TcCLB.508525.60	hypothetical protein, conserved	0,03317	0,7956
TcCLB.504229.100	trans-sialidase (pseudogene), putative	0,03307	0,9051
TcCLB.506817.30	ribosomal protein L27, putative	0,03291	0,7901
TcCLB.510437.10	dynein heavy chain, putative	0,03287	0,856
TcCLB.511143.19	hypothetical protein, conserved	0,03285	0,9048
TcCLB.506821.140	histone deacetylase, putative	0,03284	0,8438
TcCLB.509777.30	trans-sialidase, Group II, putative	0,0328	0,8419
TcCLB.506327.50	hypothetical protein, conserved	0,03274	0,8413
TcCLB.504081.280	mucin-associated surface protein (MASP, pseudogene), pu	0,0326	0,9591
TcCLB.511725.240	hypothetical protein, conserved	0,03251	0,7858
TcCLB.509617.70	subtilisin-like serine peptidase, putative	0,03249	0,8081
TcCLB.511665.60	trans-sialidase (pseudogene), putative	0,03241	0,8179
TcCLB.506531.9	hypothetical protein (fragment)	0,03239	0,8849
TcCLB.506945.210	Zinc finger CCCH domain-containing protein 47 (zc3h47)	0,03229	0,7462

TcCLB.503917.7	RNA-binding protein, putative	0,03227	0,8388
TcCLB.510731.120	hypothetical protein, conserved	0,03217	0,8619
TcCLB.506501.160	mucin-associated surface protein (MASP, pseudogene), pu	0,03197	0,9499
TcCLB.504143.30	kinesin protein (pseudogene), putative	0,03196	0,8734
TcCLB.506315.40	hypothetical protein, conserved	0,03184	0,8215
TcCLB.511755.90	hypothetical protein, conserved	0,03175	0,8285
TcCLB.505987.20	hypothetical protein	0,03163	0,8103
TcCLB.406725.10	trans-sialidase (pseudogene), putative	0,03151	0,9568
TcCLB.509489.29	proteasome regulatory non-ATP-ase subunit, putative (frag	0,03145	0,878
TcCLB.506855.80	ATP synthase, putative	0,03144	0,8139
TcCLB.506649.100	tRNA nucleotidyltransferase, putative	0,03142	0,8259
TcCLB.511785.10	mucin-associated surface protein (MASP), putative	0,03129	0,9569
TcCLB.505025.137	mucin TcMUCII, putative	0,03118	0,9663
TcCLB.509877.80	ATPase domain protein, putative	0,03116	0,8916
TcCLB.509571.10	hypothetical protein, conserved	0,03092	0,8955
TcCLB.511651.10	ATP-dependent DEAD/H RNA helicase, putative	0,03091	0,8879
TcCLB.504029.60	hypothetical protein, conserved	0,03079	0,8447
TcCLB.510397.39	dispersed gene family protein 1 (DGF-1), putative	0,03073	0,9293
TcCLB.506587.90	surface protease GP63, putative	0,0307	0,8729
TcCLB.511409.60	hypothetical protein, conserved	0,03067	0,8835
TcCLB.506181.97	hypothetical protein, conserved	0,03063	0,8918
TcCLB.511019.74	retrotransposon hot spot (RHS) protein, putative	0,03056	0,8466
TcCLB.507491.100	hypothetical protein, conserved	0,03055	0,8348
TcCLB.508647.260	hypothetical protein, conserved	0,03054	0,8751
TcCLB.508479.140	hypothetical protein, conserved	0,03054	0,888
TcCLB.508461.284	mitochondrial carrier protein, putative	0,03045	0,8756
TcCLB.511353.34	hypothetical protein, conserved	0,0304	0,849
TcCLB.510157.5	trans-sialidase, putative (fragment)	0,03025	0,9876
TcCLB.511131.80	hypothetical protein, conserved	0,03022	0,7864
TcCLB.503823.130	hypothetical protein, conserved	0,03018	0,7819
TcCLB.510189.30	surface protease GP63 (pseudogene), putative	0,03018	0,9527
TcCLB.503809.110	phosphatidic acid phosphatase protein, putative	0,03005	0,8376
TcCLB.510533.20	hypothetical protein, conserved	0,02997	0,8847
TcCLB.504137.150	hypothetical protein, conserved	0,02987	0,8209
TcCLB.509251.80	trans-sialidase, Group V, putative	0,02976	0,9243
TcCLB.507069.40	trans-sialidase, Group VI, putative	0,02976	0,9452
TcCLB.507953.60	hypothetical protein	0,02972	0,9618
TcCLB.508601.10	mitochondrial DEAD box protein, putative	0,02968	0,8849
TcCLB.510687.110	hypothetical protein, conserved	0,02966	0,8583
TcCLB.504179.100	hypothetical protein, conserved	0,02963	0,898
TcCLB.511249.44	vacuolar transporter chaperone, putative	0,02962	0,8149
TcCLB.507519.30	Eukaryotic translation initiation factor 4E type 6, putative (	0,0296	0,8544
TcCLB.507941.14	hypothetical protein, conserved	0,02948	0,9362
TcCLB.509157.240	hypothetical protein, conserved	0,02927	0,9103
TcCLB.505957.140	trans-sialidase (pseudogene), putative	0,02914	0,9313

TcCLB.503899.20	40S ribosomal protein S16, putative	0,02894	0,7736
TcCLB.506869.34	hypothetical protein, conserved	0,02883	0,8786
TcCLB.508865.4	protein phosphatase 2C, putative	0,02875	0,8643
TcCLB.506855.240	bilobe protein, conserved (pseudogene)	0,02868	0,7841
TcCLB.509693.110	hypothetical protein, conserved	0,02859	0,9033
TcCLB.510943.70	hypothetical protein, conserved	0,02852	0,8859
TcCLB.511155.4	hypothetical protein, conserved	0,02839	0,8934
TcCLB.504397.9	surface protease GP63, putative (fragment)	0,02805	0,9429
TcCLB.507957.260	surface protease GP63 (pseudogene), putative	0,02787	0,9645
TcCLB.509599.120	hypothetical protein, conserved	0,02768	0,8937
TcCLB.507793.40	hypothetical protein, conserved	0,02765	0,8849
TcCLB.508173.200	hypothetical protein, conserved	0,02758	0,7735
TcCLB.506247.30	RNA editing complex protein MP63, putative	0,02739	0,7869
TcCLB.509429.310	hypothetical protein, conserved	0,02739	0,8507
TcCLB.506297.70	hypothetical protein, conserved	0,02735	0,8425
TcCLB.509081.110	mucin-associated surface protein (MASP), putative	0,02733	0,9513
TcCLB.503391.10	ATP-dependent DEAD/H DNA helicase recQ, putative	0,02725	0,9565
TcCLB.510431.110	hypothetical protein	0,02724	0,8109
TcCLB.506873.20	hypothetical protein, conserved	0,02715	0,8952
TcCLB.506289.210	surface protease GP63, putative	0,02697	0,9471
TcCLB.408799.19	isopentenyl-diphosphate delta-isomerase (fragment) (idi1)	0,02696	0,9087
TcCLB.511261.100	chaperone DNAJ protein, putative	0,02694	0,8709
TcCLB.509453.50	serine/threonine-protein phosphatase	0,02689	0,8879
TcCLB.511049.30	hypothetical protein, conserved	0,02687	0,9122
TcCLB.508475.30	surface protease GP63, putative	0,02671	0,9163
TcCLB.509643.40	hypothetical protein, conserved	0,02661	0,8963
TcCLB.511217.39	hypothetical protein, conserved	0,02641	0,9146
TcCLB.508707.190	hypothetical protein, conserved	0,02639	0,8248
TcCLB.503501.50	trans-sialidase (pseudogene), putative	0,02637	0,9499
TcCLB.508133.10	hypothetical protein	0,02626	0,8939
TcCLB.509527.90	trans-sialidase (pseudogene), putative	0,02622	0,8685
TcCLB.508951.50	calmodulin, putative	0,02605	0,928
TcCLB.506529.310	hypothetical protein, conserved	0,02601	0,8752
TcCLB.507237.170	mucin-associated surface protein (MASP), putative	0,02597	0,9853
TcCLB.503973.140	hypothetical protein, conserved (pseudogene)	0,02581	0,9614
TcCLB.508153.470	hypothetical protein, conserved	0,02569	0,882
TcCLB.510785.15	hypothetical protein, conserved	0,02566	0,9398
TcCLB.508895.89	intraflagellar transport protein 80, putative (fragment) (IF1)	0,02565	0,8869
TcCLB.511747.7	cyclosome subunit, putative (fragment)	0,02561	0,8835
TcCLB.504741.130	hypothetical protein, conserved	0,0254	0,8194
TcCLB.503521.60	hypothetical protein, conserved	0,02528	0,9291
TcCLB.503973.10	hypothetical protein	0,02525	0,9423
TcCLB.508173.180	nuclear transport factor (MTR2)	0,02518	0,8389
TcCLB.510085.54	mucin TcMUCII (pseudogene), putative	0,0251	0,9612
TcCLB.503935.10	dolichyl-lipid chaperone, putative (rft1)	0,02509	0,896

TcCLB.506297.130	zinc finger ccch and cchc domain-containing protein	0,02502	0,8457
TcCLB.509657.61	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	0,02493	0,9617
TcCLB.504027.20	hypothetical protein	0,02487	0,875
TcCLB.458241.10	hypothetical protein, conserved	0,02487	0,9329
TcCLB.511179.120	hypothetical protein, conserved	0,02484	0,9016
TcCLB.509335.20	retrotransposon hot spot protein (RHS, pseudogene), putat	0,02462	0,9225
TcCLB.504241.80	trans-sialidase (pseudogene), putative	0,02449	0,8784
TcCLB.507093.80	hypothetical protein, conserved	0,02449	0,8819
TcCLB.510181.90	hypothetical protein, conserved	0,02449	0,8924
TcCLB.508445.70	hypothetical protein, conserved	0,02448	0,8808
TcCLB.510691.4	hypothetical protein, conserved	0,02444	0,9489
TcCLB.508153.300	hypothetical protein, conserved	0,0242	0,8161
TcCLB.510519.80	hypothetical protein, conserved	0,02419	0,906
TcCLB.508467.19	hypothetical protein, conserved (fragment)	0,0241	0,943
TcCLB.503679.20	hypothetical protein, conserved	0,02403	0,8872
TcCLB.507857.4	transcription elongation factor, putative	0,02399	0,9005
TcCLB.506685.50	myosin heavy chain, putative (fragment)	0,02379	0,9191
TcCLB.511365.94	anaphase promoting complex, subunit 10-like protein	0,02377	0,9137
TcCLB.504171.40	hypothetical protein, conserved	0,02367	0,9103
TcCLB.510229.10	hypothetical protein, conserved	0,02361	0,8597
TcCLB.511517.37	reticulon domain protein, putative	0,0236	0,8817
TcCLB.506933.30	hypothetical protein, conserved	0,02354	0,8628
TcCLB.510621.20	mucin-associated surface protein (MASP), putative	0,02352	0,9636
TcCLB.510803.15	mucin-associated surface protein (MASP, pseudogene), pu	0,02349	0,9818
TcCLB.511261.160	pyruvate dehydrogenase E1 component alpha subunit, puta	0,02344	0,8754
TcCLB.506801.129	hypothetical protein (fragment)	0,02343	0,8775
TcCLB.506245.230	mucin-associated surface protein (MASP, pseudogene), pu	0,02334	0,9714
TcCLB.511541.9	hypothetical protein, conserved (fragment)	0,02326	0,885
TcCLB.507023.270	hypothetical protein, conserved	0,0232	0,9126
TcCLB.503829.80	hypothetical protein, conserved	0,02306	0,8412
TcCLB.510647.60	intraflagellar transport protein 27 (IFT27)	0,023	0,8974
TcCLB.511303.140	hypothetical protein, conserved	0,02296	0,8854
TcCLB.507803.40	hypothetical protein	0,02274	0,8578
TcCLB.503587.30	trans-sialidase, Group V, putative	0,02273	0,9652
TcCLB.509791.170	small GTPase, putative	0,02263	0,8951
TcCLB.503721.20	hypothetical protein, conserved	0,02262	0,9051
TcCLB.506829.5	hypothetical protein, conserved	0,02257	0,9335
TcCLB.506945.230	40S ribosomal protein S14, putative	0,02251	0,842
TcCLB.507747.80	mucin TcMUCII, putative	0,0225	0,9683
TcCLB.504397.20	surface protease GP63, putative	0,02233	0,951
TcCLB.509669.90	hypothetical protein, conserved	0,02216	0,8885
TcCLB.508873.90	trans-sialidase (pseudogene), putative	0,02213	0,9614
TcCLB.507963.60	hypothetical protein, conserved	0,02198	0,9416
TcCLB.509055.40	hypothetical protein, conserved	0,02192	0,8872
TcCLB.511261.90	hypothetical protein, conserved	0,02183	0,9015

TcCLB.506435.30	mitochondrial DNA polymerase I protein A, putative	0,02167	0,8728
TcCLB.506579.129	hypothetical protein, conserved (fragment)	0,02152	0,9275
TcCLB.511751.260	hypothetical protein, conserved	0,02146	0,9383
TcCLB.506637.110	hypothetical protein, conserved	0,02126	0,8448
TcCLB.510743.130	denn domain-containing protein (pseudogene)	0,02109	0,9438
TcCLB.508029.59	kinesin, putative	0,0208	0,9471
TcCLB.510769.90	60S ribosomal protein L32, putative	0,02074	0,8752
TcCLB.508689.10	hypothetical protein, conserved	0,02052	0,9034
TcCLB.507843.20	trans-sialidase, putative (pseudogene)	0,02036	0,9724
TcCLB.504039.80	surface protease GP63 (pseudogene), putative	0,02035	0,9753
TcCLB.508577.130	hypothetical protein, conserved	0,02022	0,8993
TcCLB.511071.30	hypothetical protein, conserved	0,02019	0,93
TcCLB.511277.420	hypothetical protein, conserved	0,0201	0,8663
TcCLB.508929.20	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, putative	0,01998	0,9495
TcCLB.503651.40	hypothetical protein	0,01991	0,9097
TcCLB.507063.280	hypothetical protein	0,01983	0,8717
TcCLB.511643.61	elongation factor 1-gamma (EF-1-gamma, pseudogene), putative	0,01981	0,9293
TcCLB.509399.60	hypothetical protein, conserved	0,01979	0,8704
TcCLB.505035.5	hypothetical protein, conserved	0,01979	0,9499
TcCLB.509615.2	endosomal integral membrane protein (pseudogene), putative	0,01977	0,9233
TcCLB.511389.20	hypothetical protein, conserved	0,01976	0,9033
TcCLB.508487.11	retrotransposon hot spot protein (RHS, pseudogene), putative	0,01975	0,9351
TcCLB.508831.60	Low-affinity phosphate transporter, putative (PHO91)	0,01973	0,8614
TcCLB.509915.55	trans-sialidase (pseudogene), putative	0,01971	0,9627
TcCLB.507001.60	hypothetical protein, conserved	0,01968	0,8822
TcCLB.504157.20	beta-ketoacyl synthase family protein, putative	0,0196	0,9229
TcCLB.506617.70	variant-surface-glycoprotein phospholipase C (GPI-PLC)	0,01958	0,9301
TcCLB.504073.20	hypothetical protein, conserved	0,01947	0,9065
TcCLB.509157.250	hypothetical protein, conserved	0,01937	0,8966
TcCLB.511523.40	hypothetical protein, conserved	0,01931	0,9255
TcCLB.508307.184	hypothetical protein, conserved	0,01921	0,9386
TcCLB.508647.20	hypothetical protein	0,01916	0,8763
TcCLB.511511.159	zinc finger protein, putative	0,01916	0,886
TcCLB.503987.20	hypothetical protein, conserved	0,01916	0,9197
TcCLB.506203.80	formin-like protein	0,01892	0,9068
TcCLB.508489.30	hypothetical protein, conserved	0,01885	0,9171
TcCLB.511127.200	kinesin, putative	0,01874	0,9075
TcCLB.507265.15	transcription activator, putative (fragment)	0,01871	0,8642
TcCLB.507277.20	hypothetical protein, conserved	0,01863	0,9513
TcCLB.505987.41	hypothetical protein, conserved	0,01846	0,9402
TcCLB.509935.20	hypothetical protein, conserved	0,01841	0,8869
TcCLB.508153.364	hypothetical protein, conserved	0,01838	0,9346
TcCLB.509005.40	hypothetical protein, conserved	0,01837	0,9059
TcCLB.511291.30	lipoic acid synthetase, mitochondrial precursor, putative	0,0183	0,9217
TcCLB.503813.30	hypothetical protein, conserved	0,0183	0,925



TcCLB.511461.50	nuclear transmembrane protein, putative (NP)	0,01821	0,9165
TcCLB.507949.20	RWD domain-containing protein	0,01817	0,9326
TcCLB.504125.20	hypothetical protein	0,01811	0,9228
TcCLB.503407.10	hypothetical protein, conserved	0,0181	0,9343
TcCLB.506829.60	hypothetical protein, conserved	0,01805	0,929
TcCLB.511727.40	ubiquitin-conjugating enzyme E2, putative	0,01789	0,885
TcCLB.510165.40	hypothetical protein, conserved	0,01777	0,9027
TcCLB.508799.140	transcription modulator/accessory protein, putative	0,01775	0,8858
TcCLB.507395.10	dihydroceramide synthase, putative (DHCS)	0,01775	0,9103
TcCLB.510531.70	hypothetical protein, conserved	0,01739	0,9471
TcCLB.511555.10	mucin-associated surface protein (MASP), putative	0,01739	0,9565
TcCLB.508753.40	mucin-associated surface protein (MASP, pseudogene), pu	0,01738	0,9536
TcCLB.509607.70	serine/threonine protein kinase, putative	0,01718	0,9452
TcCLB.504533.20	retrotransposon hot spot protein (RHS, pseudogene), putat	0,01715	0,9347
TcCLB.506567.10	hypothetical protein, conserved	0,01707	0,9298
TcCLB.511487.150	serine-alanine-and proline-rich protein, putative	0,01704	0,977
TcCLB.504949.39	DNA repair protein Rad9, putative (fragment) (Rad9)	0,01702	0,9293
TcCLB.507257.160	hypothetical protein, conserved	0,01683	0,9381
TcCLB.511541.30	hypothetical protein, conserved	0,01683	0,9417
TcCLB.506959.90	hypothetical protein, conserved	0,01673	0,8774
TcCLB.508873.530	hypothetical protein, conserved (pseudogene)	0,01671	0,9579
TcCLB.506789.220	hypothetical protein, conserved	0,01658	0,9137
TcCLB.504021.109	40S ribosomal protein S3, putative	0,01649	0,8608
TcCLB.507671.39	serine/threonine-protein phosphatase PP1	0,01649	0,9544
TcCLB.510391.20	mucin-associated surface protein (MASP), putative	0,01637	0,9686
TcCLB.509753.50	retrotransposon hot spot protein (RHS, pseudogene), putat	0,01616	0,9752
TcCLB.510329.300	hypothetical protein, conserved	0,01608	0,9463
TcCLB.510835.60	hypothetical protein, conserved	0,01606	0,9007
TcCLB.503635.68	40S ribosomal protein S3A, putative	0,01599	0,8827
TcCLB.511585.220	calcium/potassium channel (CAKC), putative	0,01597	0,9008
TcCLB.503931.30	hypothetical protein	0,01596	0,9299
TcCLB.506327.70	engulfment and cell motility domain 2, putative	0,01588	0,9201
TcCLB.504081.260	surface protease GP63, putative	0,01586	0,9811
TcCLB.504109.24	dynein light chain, putative	0,01584	0,945
TcCLB.506297.80	hypothetical protein, conserved	0,01577	0,9065
TcCLB.503955.110	protein kinase, putative	0,01575	0,9314
TcCLB.504041.10	hypothetical protein, conserved	0,01557	0,9266
TcCLB.511745.40	hypothetical protein, conserved	0,01556	0,9293
TcCLB.510757.30	hypothetical protein, conserved	0,01551	0,9505
TcCLB.510421.220	hypothetical protein, conserved	0,01545	0,917
TcCLB.511217.90	hypothetical protein, conserved	0,01543	0,8897
TcCLB.511507.80	ferric reductase transmembrane protein, putative	0,01543	0,9665
TcCLB.507063.144	hypothetical protein, conserved	0,01533	0,943
TcCLB.510645.40	hypothetical protein, conserved (pseudogene)	0,01527	0,8644
TcCLB.506401.290	hypothetical protein, conserved	0,0152	0,9597

TcCLB.511165.20	hypothetical protein	0,01503	0,9273
TcCLB.507911.30	dispersed gene family protein 1 (DGF-1), putative	0,01484	0,9563
TcCLB.506529.546	hypothetical protein	0,01469	0,9788
TcCLB.506151.30	small GTP-binding protein Rab11, putative (TcRab11)	0,01455	0,9246
TcCLB.507033.20	histone H3 variant, putative	0,01452	0,9313
TcCLB.511753.90	hypothetical protein, conserved	0,01452	0,9411
TcCLB.507515.110	hypothetical protein, conserved	0,01444	0,9332
TcCLB.506933.70	hypothetical protein, conserved	0,01443	0,9248
TcCLB.508647.40	replication factor C large subunit, putative	0,01441	0,8906
TcCLB.509719.80	hypothetical protein, conserved	0,01438	0,9445
TcCLB.506831.66	hypothetical protein, conserved	0,0143	0,9597
TcCLB.510421.190	hypothetical protein, conserved	0,01424	0,9389
TcCLB.507715.40	GTP-binding elongation factor Tu family, putative	0,014	0,9064
TcCLB.508505.10	hypothetical protein, conserved	0,014	0,9329
TcCLB.503675.20	Charged multivesicular body protein 3, putative	0,01399	0,9479
TcCLB.507071.100	mucin-associated surface protein (MASP), putative	0,01387	0,9777
TcCLB.511667.120	dispersed gene family protein 1 (DGF-1, pseudogene), putative	0,01381	0,9567
TcCLB.511421.210	hypothetical protein, conserved	0,0138	0,9154
TcCLB.511229.100	hypothetical protein, conserved	0,01376	0,924
TcCLB.510187.340	hypothetical protein, conserved	0,01352	0,9306
TcCLB.510325.20	hypothetical protein	0,01351	0,9688
TcCLB.507001.100	transporter, putative	0,01345	0,9535
TcCLB.506295.150	hypothetical protein	0,01344	0,9525
TcCLB.510251.19	hypothetical protein, conserved	0,01325	0,9413
TcCLB.504881.20	hypothetical protein, conserved	0,01318	0,9051
TcCLB.503593.60	hypothetical protein, conserved	0,01317	0,9452
TcCLB.507677.4	hypothetical protein, conserved	0,01314	0,9612
TcCLB.511071.70	ubiquitin-conjugating enzyme E2, putative	0,01309	0,9409
TcCLB.507159.90	DNA-directed RNA polymerase III subunit, putative	0,01284	0,9413
TcCLB.506637.40	hypothetical protein, conserved	0,01261	0,9568
TcCLB.503929.10	V-type ATPase, A subunit, putative	0,01253	0,9125
TcCLB.510949.20	thioredoxin, putative	0,0125	0,9509
TcCLB.511065.50	phosphatidylinositol 3-kinase, putative	0,01243	0,9581
TcCLB.511245.210	hypothetical protein, conserved	0,01241	0,9379
TcCLB.510197.64	mucin-associated surface protein (MASP, pseudogene), putative	0,0123	0,9724
TcCLB.507025.10	hypothetical protein, conserved	0,01227	0,9296
TcCLB.508723.30	bilobe protein, conserved	0,01223	0,9426
TcCLB.510243.119	hypothetical protein, conserved	0,01217	0,9529
TcCLB.511837.10	vesicle-associated membrane protein, putative	0,01214	0,9458
TcCLB.506943.160	eukaryotic translation initiation factor 3 subunit 7-like protein, putative	0,01205	0,9032
TcCLB.509779.20	hypothetical protein, conserved	0,0119	0,9627
TcCLB.508465.80	hypothetical protein, conserved	0,01184	0,9607
TcCLB.506211.50	membrane protein, putative	0,01181	0,9553
TcCLB.511367.110	hypothetical protein, conserved	0,01167	0,9562
TcCLB.506135.110	mitochondrial RNA binding complex 1 subunit, putative	0,01147	0,9524

TcCLB.509683.117	40S ribosomal protein S4, putative	0,01143	0,888
TcCLB.508323.199	ATP-dependent DEAD/H RNA helicase, putative (fragment)	0,01139	0,9614
TcCLB.504081.9	trans-sialidase (pseudogene), putative	0,01135	0,9856
TcCLB.419469.14	kinesin, putative	0,01127	0,9784
TcCLB.511281.60	pyruvate kinase 2, putative	0,01126	0,943
TcCLB.510259.30	hypothetical protein, conserved	0,01121	0,9633
TcCLB.511529.259	hypothetical protein, conserved	0,01116	0,977
TcCLB.511367.138	chaperone DNAJ protein, putative	0,01115	0,9417
TcCLB.509205.40	hypothetical protein, conserved	0,01113	0,9526
TcCLB.511017.60	hypothetical protein	0,01112	0,9295
TcCLB.506745.20	hypothetical protein, conserved	0,01105	0,9533
TcCLB.511719.30	hypothetical protein, conserved	0,01103	0,9614
TcCLB.506443.50	hypothetical protein, conserved	0,01101	0,9453
TcCLB.506341.20	hypothetical protein, conserved	0,01082	0,9614
TcCLB.508153.120	ubiquitin hydrolase, putative	0,01081	0,9389
TcCLB.504113.10	protein kinase, putative	0,01081	0,9614
TcCLB.507949.80	kinetoplast ribosomal PPR-repeat containing protein 3, putative	0,01077	0,949
TcCLB.511083.35	mucin TcMUCII (pseudogene), putative	0,0106	0,9833
TcCLB.511419.10	hypothetical protein	0,01039	0,967
TcCLB.511809.60	hypothetical protein, conserved	0,01035	0,9065
TcCLB.490165.19	hypothetical protein, conserved	0,01035	0,9748
TcCLB.503431.70	hypothetical protein, conserved	0,01033	0,9533
TcCLB.506789.130	double-strand-break repair protein rad21 homolog, putative	0,01029	0,9231
TcCLB.506819.49	hypothetical protein, conserved	0,01021	0,9667
TcCLB.443397.9	NADH-cytochrome b5 reductase, putative (fragment)	0,01011	0,9617
TcCLB.506435.440	hypothetical protein, conserved	0,01001	0,9489
TcCLB.508153.480	hypothetical protein, conserved	0,00996	0,9299
TcCLB.503635.59	40S ribosomal protein S3A, putative	0,009873	0,9287
TcCLB.504029.21	lipase, putative (fragment)	0,009796	0,9453
TcCLB.508461.520	hypothetical protein, conserved	0,009633	0,9255
TcCLB.503815.4	hypothetical protein, conserved	0,009265	0,9772
TcCLB.507017.4	hypothetical protein, conserved	0,009142	0,9802
TcCLB.504255.4	rhomboid-like protein	0,009106	0,9809
TcCLB.508399.40	trans-sialidase (pseudogene), putative	0,0091	0,9642
TcCLB.509829.9	retrotransposon hot spot (RHS) protein, putative (fragment)	0,009001	0,9767
TcCLB.510885.90	hypothetical protein, conserved	0,009	0,9744
TcCLB.506801.90	hypothetical protein, conserved	0,008931	0,9627
TcCLB.507765.130	hypothetical protein, conserved	0,00892	0,9257
TcCLB.511927.10	hypothetical protein, conserved	0,008859	0,9771
TcCLB.510289.60	hypothetical protein	0,00883	0,9736
TcCLB.508151.20	mucin-associated surface protein (MASP), putative	0,008737	0,9855
TcCLB.503917.50	hypothetical protein, conserved	0,008628	0,9679
TcCLB.507819.40	retrotransposon hot spot protein (RHS, pseudogene), putative	0,008621	0,975
TcCLB.492827.10	trans-sialidase, putative (fragment)	0,00862	0,9951
TcCLB.511671.140	hypothetical protein	0,008609	0,9621

TcCLB.510257.20	hypothetical protein, conserved	0,008607	0,9591
TcCLB.503659.30	trans-sialidase, putative	0,008606	0,9836
TcCLB.509191.9	dispersed gene family protein 1 (DGF-1, pseudogene), putative	0,008491	0,9841
TcCLB.508827.130	hypothetical protein, conserved	0,008345	0,9571
TcCLB.412435.10	hypothetical protein, conserved	0,008319	0,9642
TcCLB.507049.130	hypothetical protein, conserved (pseudogene)	0,008227	0,9789
TcCLB.399033.10	hypothetical protein	0,008222	0,9759
TcCLB.508351.50	rho-like GTP binding protein, putative	0,008123	0,963
TcCLB.508613.60	hypothetical protein, conserved	0,008078	0,9544
TcCLB.508257.130	hypothetical protein, conserved	0,007873	0,9699
TcCLB.511183.400	trans-sialidase, Group VI, putative	0,007697	0,9833
TcCLB.507959.41	mucin TcMUCII, putative	0,007679	0,9924
TcCLB.508933.10	dihydrolipoamide dehydrogenase, putative	0,007648	0,9652
TcCLB.509897.95	hypothetical protein, conserved (pseudogene)	0,007613	0,9704
TcCLB.511585.70	heat shock protein 70 (hsp70), putative	0,007543	0,9568
TcCLB.506587.100	surface protease GP63, putative	0,007464	0,9652
TcCLB.509471.20	Present in the outer mitochondrial membrane proteome 3	0,007324	0,9513
TcCLB.509741.30	hypothetical protein, conserved	0,007205	0,9698
TcCLB.508221.697	trans-sialidase (pseudogene), putative	0,007187	0,9845
TcCLB.506559.480	hypothetical protein, conserved	0,007123	0,9756
TcCLB.509767.200	hypothetical protein, conserved	0,007116	0,97
TcCLB.442287.10	serine/threonine protein phosphatase (pseudogene), putative	0,00711	0,9622
TcCLB.511145.60	ATP synthase F1 subunit gamma protein, putative (ATPF1C)	0,007008	0,9622
TcCLB.510667.50	hypothetical protein, conserved	0,006992	0,9719
TcCLB.510167.10	phosphatidylinositol 3-kinase 2, putative	0,006698	0,9614
TcCLB.504197.20	mucin-associated surface protein (MASP), putative	0,006625	0,9871
TcCLB.511729.20	hypothetical protein	0,006477	0,9663
TcCLB.509999.50	lipase domain protein, putative	0,006474	0,9595
TcCLB.511821.140	hypothetical protein, conserved	0,006467	0,9683
TcCLB.507991.10	hypothetical protein, conserved	0,006446	0,9779
TcCLB.506287.180	hypothetical protein, conserved	0,006432	0,9724
TcCLB.511873.5	hypothetical protein	0,006281	0,9818
TcCLB.508161.40	mucin TcMUCII (pseudogene), putative	0,006248	0,9913
TcCLB.511827.130	dispersed gene family protein 1 (DGF-1), putative	0,006245	0,9674
TcCLB.507957.36	syntaxin binding protein (pseudogene), putative	0,006135	0,9909
TcCLB.503987.10	cop-coated vesicle membrane protein p24 precursor, putative	0,006098	0,9704
TcCLB.506529.230	hypothetical protein, conserved	0,006087	0,9767
TcCLB.506649.30	hypothetical protein, conserved	0,005969	0,9636
TcCLB.507053.130	hypothetical protein, conserved	0,00578	0,9724
TcCLB.432677.20	heat shock 70 kDa protein, mitochondrial precursor, putative	0,005756	0,9569
TcCLB.507991.90	hypothetical protein	0,005571	0,9732
TcCLB.506667.140	hypothetical protein	0,00557	0,9929
TcCLB.509803.60	retrotransposon hot spot protein (RHS, pseudogene), putative	0,005525	0,9895
TcCLB.506747.20	dihydroorotase, putative	0,005499	0,9821
TcCLB.507105.40	60S ribosomal protein L44 (RPL44)	0,005408	0,9756

TcCLB.506835.110	protein mkt1, putative	0,005352	0,9627
TcCLB.509965.60	RNA decapping enzyme, putative (Dcp2)	0,005065	0,983
TcCLB.506791.30	hypothetical protein, conserved	0,00503	0,9672
TcCLB.510329.180	hypothetical protein, conserved	0,004983	0,9929
TcCLB.510073.75	hypothetical protein, conserved	0,004957	0,9908
TcCLB.507209.20	hypothetical protein, conserved	0,004855	0,9801
TcCLB.507773.20	hypothetical protein	0,004846	0,9838
TcCLB.511857.70	hypothetical protein, conserved	0,004823	0,9752
TcCLB.506811.90	hypothetical protein, conserved	0,004719	0,9761
TcCLB.506859.249	hypothetical protein, conserved	0,00441	0,9851
TcCLB.508347.120	hypothetical protein, conserved	0,004374	0,9756
TcCLB.504163.30	40S ribosomal protein S9, putative	0,004272	0,9667
TcCLB.507711.10	intraflagellar transport protein 57/55, putative (IFT57/55)	0,004112	0,9789
TcCLB.509569.150	hypothetical protein, conserved	0,004025	0,9898
TcCLB.508819.30	hypothetical protein, conserved	0,003998	0,9826
TcCLB.510483.154	mucin-associated surface protein (MASP), putative	0,003852	0,9954
TcCLB.509373.39	surface protease GP63, putative (fragment)	0,003841	0,9965
TcCLB.507793.20	cysteine synthase, putative	0,003821	0,981
TcCLB.508541.120	trans-sialidase (pseudogene), putative	0,003769	0,9959
TcCLB.511753.100	ABC transporter, putative	0,003706	0,9832
TcCLB.511189.84	hypothetical protein, conserved	0,003683	0,9883
TcCLB.506883.20	hypothetical protein, conserved	0,003625	0,9824
TcCLB.511537.8	ABC transporter of the mitochondrion, putative (fragment)	0,003597	0,9838
TcCLB.508015.20	hypothetical protein	0,003585	0,9908
TcCLB.510575.230	hypothetical protein, conserved	0,003539	0,9837
TcCLB.506605.170	inosine-guanine nucleoside hydrolase, putative (IG-NH)	0,003463	0,9844
TcCLB.507959.224	surface protease GP63 (pseudogene), putative	0,003438	0,9954
TcCLB.508445.80	hypothetical protein, conserved	0,003352	0,9833
TcCLB.511753.30	kinesin, putative	0,003286	0,9809
TcCLB.504341.10	trans-sialidase, Group IV, putative	0,003196	0,9908
TcCLB.509959.10	retrotransposon hot spot protein (RHS, pseudogene), putative	0,003173	0,9931
TcCLB.507949.130	glycerol-3-phosphate dehydrogenase (FAD-dependent), putative	0,003111	0,9892
TcCLB.509979.330	surface protease GP63 (pseudogene), putative	0,002945	0,9921
TcCLB.504911.20	mucin-associated surface protein (MASP, pseudogene), putative	0,002814	0,9983
TcCLB.507951.154	cytochrome b5, putative	0,002761	0,9892
TcCLB.506289.140	surface protease GP63, putative	0,002757	0,9926
TcCLB.508943.20	protein kinase, putative	0,002692	0,9905
TcCLB.506597.40	trans-sialidase, Group V, putative	0,002626	0,9974
TcCLB.508979.60	mucin-associated surface protein (MASP), putative	0,00253	0,9937
TcCLB.503879.30	hypothetical protein, conserved	0,002316	0,9886
TcCLB.508153.610	Putative intraflagellar transport protein C3 (PIFTC3)	0,002308	0,988
TcCLB.511381.60	hypothetical protein, conserved	0,002207	0,9922
TcCLB.503651.30	hypothetical protein	0,002206	0,9888
TcCLB.510693.274	mucin TcMUCII (pseudogene), putative	0,002196	0,9954
TcCLB.506215.19	intraflagellar transport protein 140, putative (IFT140)	0,002193	0,9831

TcCLB.509561.60	hypothetical protein, conserved	0,00215	0,9927
TcCLB.504249.15	surface protease GP63 (pseudogene), putative	0,002133	0,9961
TcCLB.508629.120	mucin-associated surface protein (MASP), putative	0,002108	0,9908
TcCLB.507771.50	glycerolphosphate mutase, putative	0,001903	0,9909
TcCLB.507041.10	hypothetical protein, conserved	0,001851	0,9898
TcCLB.510665.20	hypothetical protein, conserved	0,001799	0,9915
TcCLB.508381.20	hypothetical protein, conserved (pseudogene)	0,001708	0,996
TcCLB.510483.340	beta galactofuranosyl glycosyltransferase (pseudogene), p	0,001682	0,9965
TcCLB.508177.50	hypothetical protein	0,001674	0,9941
TcCLB.509879.30	hypothetical protein, conserved	0,001585	0,993
TcCLB.507773.50	hypothetical protein, conserved	0,001556	0,992
TcCLB.507993.130	60S ribosomal protein L7, putative	0,001535	0,991
TcCLB.503677.29	hypothetical protein, conserved	0,001467	0,994
TcCLB.507513.20	hypothetical protein, conserved	0,001453	0,9926
TcCLB.504153.160	metallo-peptidase, Clan MA(E) Family M32	0,001297	0,989
TcCLB.509591.40	hypothetical protein, conserved	0,001159	0,9926
TcCLB.503811.45	hypothetical protein, conserved	0,001144	0,9969
TcCLB.507601.80	hypothetical protein, conserved	0,001041	0,9964
TcCLB.436521.9	mevalonate kinase, putative (fragment)	0,0009913	0,9956
TcCLB.504239.20	mucin TcMUCII, putative	0,0009251	0,9987
TcCLB.506559.10	hypothetical protein	0,0008556	0,996
TcCLB.506559.320	hypothetical protein, conserved	0,0007599	0,9968
TcCLB.506289.240	hypothetical protein	0,0007431	0,9989
TcCLB.506405.100	hypothetical protein, conserved	0,0005796	0,9962
TcCLB.509791.60	hypothetical protein, conserved	0,0005406	0,9969
TcCLB.504425.90	aldose 1-epimerase-like protein, putative	0,0005398	0,9982
TcCLB.506337.20	hypothetical protein, conserved	0,0005059	0,9975
TcCLB.508153.280	60S ribosomal protein L13, putative	0,0004814	0,9964
TcCLB.510149.50	tfiih basal transcription factor complex helicase xpb subuni	0,0004579	0,9968
TcCLB.508707.170	outer dynein arm docking complex, putative (DC2)	0,0004463	0,9975
TcCLB.511423.80	Transmembrane protein 231, putative	0,0004257	0,9978
TcCLB.510609.100	hypothetical protein, conserved	0,00007583	0,9997
TcCLB.508261.150	trans-sialidase (pseudogene), putative	0,00006967	0,9998
TcCLB.508193.30	dispersed gene family protein 1 (DGF-1, pseudogene), puta	0,00006735	0,9998
TcCLB.508269.80	retrotransposon hot spot protein (RHS, pseudogene), putat	-0,0001254	0,9997
TcCLB.510099.20	hypothetical protein, conserved	-0,0001308	0,9994
TcCLB.506425.10	serine carboxypeptidase S28, putative	-0,0002832	0,9986
TcCLB.510359.460	mucin-associated surface protein (MASP), putative	-0,0002844	0,9997
TcCLB.511867.40	hypothetical protein, conserved	-0,0005147	0,9982
TcCLB.509179.70	hypothetical protein, conserved	-0,0005766	0,9986
TcCLB.507049.110	hypothetical protein, conserved	-0,0006474	0,9982
TcCLB.510533.150	hypothetical protein	-0,000673	0,9964
TcCLB.503761.50	hypothetical protein	-0,0006794	0,9987
TcCLB.509031.20	trans-sialidase, putative (fragment)	-0,0007076	0,999
TcCLB.508175.146	60S ribosomal protein L23a, putative	-0,0007455	0,9945

TcCLB.429185.31	trans-sialidase (pseudogene), putative	-0,0008439	0,9987
TcCLB.506691.70	hypothetical protein, conserved	-0,0008452	0,9962
TcCLB.511081.41	mucin-associated surface protein (MASP, pseudogene), pu	-0,0008479	0,9987
TcCLB.511897.19	zinc-finger multi-pass transmembrane protein, putative	-0,0009042	0,9964
TcCLB.503885.60	hypothetical protein, conserved	-0,0009236	0,9959
TcCLB.510609.65	U6 snRNA-associated Sm-like protein LSm3p	-0,0009995	0,998
TcCLB.503781.30	hypothetical protein, conserved	-0,001061	0,9975
TcCLB.511751.170	protein kinase, putative	-0,001102	0,9926
TcCLB.503597.5	hypothetical protein (fragment)	-0,001302	0,9954
TcCLB.503999.50	ubiquitin-conjugating enzyme, putative	-0,001395	0,9932
TcCLB.506479.100	hypothetical protein, conserved	-0,001475	0,995
TcCLB.508747.59	mucin-associated surface protein (MASP), putative	-0,001507	0,9974
TcCLB.507485.10	hypothetical protein, conserved	-0,001526	0,9964
TcCLB.506405.149	ribosomal protein L21E (60S), putative	-0,001629	0,9843
TcCLB.508693.60	hypothetical protein, conserved	-0,001674	0,9941
TcCLB.412393.10	trans-sialidase, putative (pseudogene)	-0,001693	0,9986
TcCLB.506007.30	Protein C21orf2 homolog, putative	-0,001843	0,9923
TcCLB.510769.49	40S ribosomal protein S6, putative	-0,00195	0,9841
TcCLB.508547.90	hypothetical protein, conserved	-0,002039	0,9952
TcCLB.504203.10	hypothetical protein, conserved	-0,002232	0,9898
TcCLB.504639.50	retrotransposon hot spot protein (RHS, pseudogene), putat	-0,002331	0,9908
TcCLB.508457.10	Kinesin-13 6, putative (KIN13-6)	-0,002333	0,9895
TcCLB.507229.25	trans-sialidase (pseudogene), putative	-0,002369	0,9915
TcCLB.508625.120	leucine carboxyl methyltransferase, putative	-0,002433	0,9894
TcCLB.511173.241	mucin TcMUCII (pseudogene), putative	-0,002488	0,9964
TcCLB.507053.120	hypothetical protein, conserved	-0,002555	0,9892
TcCLB.506925.210	hypothetical protein, conserved	-0,002584	0,9917
TcCLB.509965.429	hypothetical protein, conserved	-0,002668	0,9957
TcCLB.510333.10	hypothetical protein, conserved	-0,002737	0,984
TcCLB.509905.130	dispersed gene family protein 1 (DGF-1, pseudogene), puta	-0,002841	0,9841
TcCLB.510293.40	ubiquitin/ribosomal protein S27a, putative	-0,002876	0,9931
TcCLB.508737.80	mannosyltransferase-like protein, putative	-0,002931	0,9832
TcCLB.506993.31	mucin-associated surface protein (MASP, pseudogene), pu	-0,002976	0,9965
TcCLB.504239.40	surface protease GP63 (pseudogene), putative	-0,002992	0,9973
TcCLB.509039.20	bystin, putative	-0,003005	0,981
TcCLB.510463.180	trans-sialidase (pseudogene), putative	-0,003074	0,9957
TcCLB.511729.50	hypothetical protein, conserved	-0,003089	0,9809
TcCLB.504055.50	hypothetical protein, conserved	-0,003196	0,9831
TcCLB.509067.60	Tetratricopeptide-like helical domain containing protein (F	-0,003422	0,9676
TcCLB.471901.10	hypothetical protein, conserved	-0,003453	0,9803
TcCLB.506577.160	hypothetical protein, conserved	-0,003472	0,9862
TcCLB.506885.430	lipoic acid containing carrier protein, putative (GCVH)	-0,003503	0,9892
TcCLB.511127.90	hypothetical protein, conserved	-0,003515	0,987
TcCLB.507801.90	beta-ketoacyl-ACP reductase	-0,003545	0,9865
TcCLB.506563.70	calpain-like cysteine peptidase (pseudogene), putative	-0,003614	0,9895

TcCLB.508641.280	hypothetical protein, conserved	-0,003638	0,9724
TcCLB.506507.30	beta galactofuranosyl glycosyltransferase, putative	-0,003739	0,9871
TcCLB.510547.14	mucin-associated surface protein (MASP, pseudogene), pu	-0,00374	0,995
TcCLB.506869.30	hypothetical protein, conserved	-0,003766	0,9898
TcCLB.506559.454	GTP-binding protein, putative	-0,00377	0,9803
TcCLB.506909.155	mucin-associated surface protein (MASP, pseudogene), pu	-0,003806	0,996
TcCLB.508881.100	hypothetical protein, conserved	-0,00382	0,9788
TcCLB.503745.20	hypothetical protein, conserved	-0,003861	0,9779
TcCLB.503593.70	eukaryotic peptide chain release factor subunit 1, putative	-0,003931	0,9813
TcCLB.507515.20	hypothetical protein, conserved	-0,003982	0,9731
TcCLB.506833.30	serine/threonine protein phosphatase, putative	-0,004219	0,9801
TcCLB.511153.90	phosphatase, putative	-0,00428	0,9779
TcCLB.506155.10	hypothetical protein, conserved	-0,00431	0,9808
TcCLB.506707.20	ATP-dependent DEAD/H RNA helicase (pseudogene), putative	-0,004431	0,9917
TcCLB.503801.70	hypothetical protein	-0,00447	0,9785
TcCLB.509111.19	hypothetical protein, conserved	-0,004549	0,9892
TcCLB.508235.40	protein kinase, putative (fragment)	-0,004665	0,987
TcCLB.503903.50	hypothetical protein, conserved	-0,00468	0,9752
TcCLB.508413.40	serine/threonine protein phosphatase, putative	-0,0047	0,9762
TcCLB.509789.20	hypothetical protein	-0,004757	0,9727
TcCLB.510523.29	hypothetical protein, conserved (fragment)	-0,004767	0,9862
TcCLB.511555.90	acyl-CoA binding protein, putative	-0,004784	0,9729
TcCLB.509259.111	N-acetyltransferase complex ARD1 subunit (pseudogene),	-0,004807	0,9921
TcCLB.508153.290	60S ribosomal protein L13, putative	-0,00484	0,9618
TcCLB.507009.80	hypothetical protein, conserved	-0,004982	0,9831
TcCLB.507831.90	60S ribosomal protein L34, putative	-0,005018	0,9789
TcCLB.509693.30	hypothetical protein, conserved	-0,005046	0,9818
TcCLB.504055.60	hypothetical protein, conserved	-0,005056	0,983
TcCLB.510303.250	hypothetical protein, conserved	-0,005103	0,9676
TcCLB.506905.4	proliferator-activated receptor-interacting protein (PRIP) ir	-0,005132	0,9868
TcCLB.505025.70	mucin-associated surface protein (MASP), putative	-0,005163	0,9909
TcCLB.504427.250	ubiquitin-activating enzyme E1, putative	-0,005184	0,9567
TcCLB.506767.110	mucin-associated surface protein (MASP), putative	-0,005305	0,9908
TcCLB.509805.200	acetyltransferase, putative	-0,005377	0,9729
TcCLB.511293.10	extracellular receptor, putative	-0,00557	0,9809
TcCLB.510287.40	hypothetical protein	-0,005781	0,9773
TcCLB.511867.70	hypothetical protein	-0,005823	0,975
TcCLB.509867.20	mucin-associated surface protein (MASP), putative	-0,005975	0,9929
TcCLB.509317.60	RNA-binding protein, putative	-0,006144	0,9627
TcCLB.509999.100	hypothetical protein, conserved	-0,006172	0,9781
TcCLB.510027.10	GDP-mannose 4,6 dehydratase, putative	-0,006177	0,9726
TcCLB.508277.160	glutaminyl-tRNA synthetase, putative	-0,006191	0,9495
TcCLB.509901.130	Iron-sulfur assembly protein 1, putative (Isa1)	-0,006253	0,9718
TcCLB.504873.10	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, pu	-0,006268	0,9855
TcCLB.511625.90	mucin-associated surface protein (MASP), putative	-0,006337	0,9877



TcCLB.507925.50	hypothetical protein, conserved	-0,006341	0,9586
TcCLB.506811.70	hypothetical protein	-0,006353	0,9654
TcCLB.506755.220	hypothetical protein, conserved	-0,006361	0,9675
TcCLB.510183.40	hypothetical protein, conserved	-0,00637	0,9808
TcCLB.503579.90	hypothetical protein, conserved	-0,006402	0,9719
TcCLB.511511.139	zinc finger protein, putative	-0,006508	0,9639
TcCLB.504507.10	hypothetical protein, conserved	-0,006517	0,975
TcCLB.507603.54	hypothetical protein, conserved	-0,006534	0,9812
TcCLB.511233.30	hypothetical protein, conserved	-0,006622	0,9724
TcCLB.507993.190	serine/threonine protein phosphatase type 5, putative	-0,006663	0,9603
TcCLB.503779.60	hypothetical protein, conserved	-0,006744	0,9677
TcCLB.511127.220	cdc2-related kinase 12 (CRK12)	-0,006861	0,9627
TcCLB.475705.9	hypothetical protein, conserved	-0,006951	0,9731
TcCLB.507107.30	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, pu	-0,006968	0,9898
TcCLB.510257.24	hypothetical protein, conserved	-0,00715	0,976
TcCLB.507951.130	hypothetical protein	-0,007239	0,9673
TcCLB.508075.60	hypothetical protein, conserved	-0,007275	0,9665
TcCLB.508387.40	hypothetical protein, conserved	-0,007317	0,9782
TcCLB.508479.216	hypothetical protein, conserved	-0,007329	0,9659
TcCLB.508355.124	hypothetical protein, conserved	-0,007357	0,977
TcCLB.507603.250	hypothetical protein, conserved	-0,00736	0,9584
TcCLB.506661.60	hypothetical protein, conserved	-0,007403	0,9678
TcCLB.511345.10	retrotransposon hot spot (RHS) protein, putative	-0,007561	0,977
TcCLB.509471.77	histone H3, putative	-0,007609	0,9491
TcCLB.511529.68	cyclin-dependent kinases regulatory subunit, putative (P12)	-0,007681	0,9639
TcCLB.506629.120	hypothetical protein, conserved	-0,00772	0,9622
TcCLB.509231.5	hypothetical protein, conserved (fragment)	-0,007741	0,9917
TcCLB.510431.200	LisH domain-containing protein FOPNL, putative (fopnl)	-0,007798	0,9678
TcCLB.507603.150	dolichyl-P-Man:GDP-Man5GlcNAc2-PP-dolichyl alpha-1,2-n	-0,007813	0,9615
TcCLB.508027.100	hypothetical protein	-0,007821	0,9612
TcCLB.509901.140	COP9 signalosome complex subunit 5, putative	-0,007833	0,9661
TcCLB.508109.50	retrotransposon hot spot protein (RHS, pseudogene), putat	-0,007931	0,9772
TcCLB.510955.10	hypothetical protein, conserved	-0,008078	0,9538
TcCLB.510519.149	hypothetical protein, conserved	-0,008138	0,9568
TcCLB.510329.380	hypothetical protein, conserved	-0,008247	0,9677
TcCLB.508545.30	hypothetical protein, conserved	-0,008424	0,9765
TcCLB.508359.80	mucin-associated surface protein (MASP), putative	-0,008444	0,9917
TcCLB.506177.130	hypothetical protein, conserved	-0,008529	0,9765
TcCLB.508657.10	hypothetical protein, conserved	-0,008533	0,9647
TcCLB.506929.40	target SNARE, putative	-0,008573	0,9617
TcCLB.508577.160	proteasome beta 6 subunit, putative	-0,008843	0,9487
TcCLB.511907.300	DNA repair and transcription factor protein, putative	-0,008846	0,9594
TcCLB.511771.60	hypothetical protein	-0,008849	0,9895
TcCLB.508229.10	trans-sialidase, putative	-0,008863	0,9893
TcCLB.510285.110	hypothetical protein, conserved	-0,008883	0,9617

TcCLB.506513.100	hypothetical protein, conserved	-0,008889	0,9485
TcCLB.511285.80	hypothetical protein	-0,00897	0,9443
TcCLB.503421.7	N-acetyltransferase complex ARD1 subunit (pseudogene),	-0,008979	0,9841
TcCLB.507641.110	hypothetical protein, conserved	-0,008988	0,9497
TcCLB.508755.11	trans-sialidase (pseudogene), putative	-0,008998	0,9761
TcCLB.506605.30	hypothetical protein, conserved	-0,009026	0,9638
TcCLB.507611.199	dispersed gene family protein 1 (DGF-1), putative	-0,009037	0,9766
TcCLB.509253.40	hypothetical protein, conserved	-0,009088	0,9639
TcCLB.508011.20	mucin-associated surface protein (MASP, pseudogene), pu	-0,009214	0,9922
TcCLB.511071.20	hypothetical protein, conserved	-0,00929	0,9692
TcCLB.503649.10	mucin-associated surface protein (MASP, pseudogene), pu	-0,009321	0,9862
TcCLB.510105.36	hypothetical protein, conserved	-0,009338	0,9619
TcCLB.510299.10	hypothetical protein, conserved	-0,009345	0,9596
TcCLB.508899.110	actin-related protein 2, putative	-0,009346	0,9614
TcCLB.511475.24	dispersed gene family protein 1 (DGF-1), putative (fragme	-0,009361	0,975
TcCLB.506295.200	retrotransposon hot spot protein (RHS, pseudogene), putat	-0,009396	0,9576
TcCLB.511173.120	mucin-associated surface protein (MASP, pseudogene), pu	-0,009466	0,979
TcCLB.506933.46	hypothetical protein, conserved	-0,009474	0,9675
TcCLB.509875.30	trans-sialidase (pseudogene), putative	-0,009474	0,9781
TcCLB.506697.60	hypothetical protein, conserved	-0,009491	0,9335
TcCLB.510099.30	hypothetical protein, conserved	-0,009503	0,9563
TcCLB.503955.10	mitochondrial DNA polymerase beta-PAK, putative	-0,009801	0,963
TcCLB.511657.60	hypothetical protein, conserved	-0,00984	0,9371
TcCLB.510431.260	hypothetical protein, conserved	-0,009866	0,9568
TcCLB.511277.160	60S ribosomal protein L10a, putative	-0,009904	0,8904
TcCLB.506151.10	hypothetical protein, conserved	-0,009913	0,9498
TcCLB.505943.30	hypothetical protein, conserved	-0,009956	0,9542
TcCLB.508163.270	mucin-associated surface protein (MASP), putative	-0,009989	0,9833
TcCLB.506187.80	trans-sialidase (pseudogene), putative	-0,01007	0,9896
TcCLB.504109.90	cysteine peptidase, Clan CA, family C12, putative	-0,01008	0,9568
TcCLB.508175.340	hypothetical protein, conserved	-0,0102	0,9337
TcCLB.506559.484	hypothetical protein, conserved	-0,01021	0,9674
TcCLB.507811.50	hypothetical protein, conserved	-0,01025	0,9538
TcCLB.508707.320	hypothetical protein, conserved	-0,01029	0,9452
TcCLB.503971.20	hypothetical protein, conserved	-0,01031	0,959
TcCLB.506025.30	hypothetical protein, conserved	-0,01034	0,9612
TcCLB.508385.20	hypothetical protein, conserved	-0,01035	0,9496
TcCLB.509007.20	hypothetical protein, conserved	-0,01037	0,9483
TcCLB.510031.30	hypothetical protein	-0,01045	0,9461
TcCLB.506213.100	hypothetical protein, conserved	-0,01059	0,9495
TcCLB.509267.6	trans-sialidase (pseudogene), putative	-0,01063	0,9719
TcCLB.506929.20	hypothetical protein, conserved	-0,01071	0,9471
TcCLB.503593.10	eukaryotic translation initiation factor eIF-4E, putative	-0,01073	0,9416
TcCLB.509201.15	ribosomal protein S29, putative	-0,0109	0,951
TcCLB.506287.150	GTP-binding protein, putative	-0,01118	0,9432

TcCLB.509125.20	ATP-dependent Clp protease subunit, heat shock protein 78	-0,01129	0,9325
TcCLB.506211.220	Associated kinase of Tb14-3-3, putative (AKB1)	-0,01134	0,9315
TcCLB.506389.60	hypothetical protein, conserved	-0,01138	0,9491
TcCLB.509551.100	hypothetical protein, conserved	-0,01141	0,9495
TcCLB.506961.20	dispersed gene family protein 1 (DGF-1), putative	-0,01141	0,9788
TcCLB.505985.9	calpain cysteine peptidase, putative (fragment)	-0,01146	0,9495
TcCLB.504575.15	ubiquinol-cytochrome-C-reductase, putative	-0,01149	0,9777
TcCLB.508355.130	hypothetical protein, conserved	-0,0115	0,9406
TcCLB.506457.50	serine/threonine protein kinase, putative	-0,01151	0,9439
TcCLB.511753.130	U3 small nuclear ribonucleoprotein (snRNP), putative	-0,01166	0,914
TcCLB.506399.60	hypothetical protein, conserved	-0,01191	0,9486
TcCLB.506703.30	mucin TcMUCII (pseudogene), putative	-0,01194	0,9844
TcCLB.504099.30	hypothetical protein, conserved (pseudogene)	-0,0121	0,9645
TcCLB.507601.10	phosphoprotein phosphatase, putative	-0,01213	0,9139
TcCLB.510279.100	hypothetical protein	-0,01217	0,983
TcCLB.509965.190	DREV methyltransferase, putative	-0,01224	0,9421
TcCLB.508461.90	hypothetical protein, conserved	-0,01229	0,9416
TcCLB.508667.30	hypothetical protein, conserved	-0,01238	0,9452
TcCLB.507041.50	hypothetical protein, conserved	-0,01243	0,9625
TcCLB.506203.120	hypothetical protein, conserved	-0,01244	0,9064
TcCLB.506979.20	hypothetical protein, conserved	-0,01246	0,9603
TcCLB.504029.90	hypothetical protein, conserved	-0,01256	0,9493
TcCLB.509551.30	mitochondrial phosphate transporter, putative	-0,01259	0,9325
TcCLB.509717.40	hypothetical protein, conserved	-0,01263	0,9368
TcCLB.507529.10	hypothetical Zinc-finger containing protein	-0,01283	0,9471
TcCLB.506503.40	hypothetical protein, conserved	-0,01286	0,9536
TcCLB.479517.30	hypothetical protein	-0,0129	0,9886
TcCLB.507957.200	mucin-associated surface protein (MASP), putative	-0,01291	0,9851
TcCLB.506469.120	hypothetical protein, conserved	-0,01295	0,9452
TcCLB.508265.40	hypothetical protein, conserved	-0,01298	0,9335
TcCLB.506511.20	hypothetical protein, conserved	-0,01301	0,9399
TcCLB.508265.70	hypothetical protein, conserved	-0,01301	0,9538
TcCLB.509897.132	hypothetical protein, conserved (pseudogene)	-0,01317	0,9287
TcCLB.506243.110	expression site-associated gene (ESAG-like) protein, putative	-0,01325	0,973
TcCLB.509733.70	hypothetical protein, conserved	-0,01327	0,9312
TcCLB.506297.310	hypothetical protein, conserved	-0,01335	0,9291
TcCLB.506351.35	hypothetical protein, conserved	-0,01335	0,9663
TcCLB.511837.110	hypothetical protein, conserved	-0,01343	0,9266
TcCLB.510257.130	protein kinase, putative	-0,0135	0,919
TcCLB.507949.69	DNA-directed RNA polymerase 2, RPB12 subunit, putative	-0,01359	0,9463
TcCLB.503811.80	hypothetical protein, conserved	-0,01366	0,9383
TcCLB.504109.30	hypothetical protein, conserved	-0,01371	0,9171
TcCLB.510729.80	Mitochondrial import receptor subunit ATOM40, putative (	-0,01386	0,9069
TcCLB.508335.9	dispersed gene family protein 1 (DGF-1), putative	-0,01389	0,9642
TcCLB.506955.198	hypothetical protein	-0,01392	0,969

TcCLB.506495.24	hypothetical protein, conserved	-0,01394	0,9564
TcCLB.505989.78	hypothetical protein, conserved	-0,01397	0,9493
TcCLB.510513.30	Probable methyltransferase BTM2 homolog	-0,01413	0,9441
TcCLB.504091.5	hypothetical protein, conserved (fragment)	-0,01418	0,9817
TcCLB.508331.41	tryptophanyl-tRNA synthetase (pseudogene), putative	-0,01423	0,9752
TcCLB.503617.15	U6 snRNA-associated Sm-like protein LSM3p	-0,01428	0,9678
TcCLB.509755.10	trans-sialidase, Group V, putative	-0,0144	0,9721
TcCLB.506621.30	ribonucleoside-diphosphate reductase small chain, putative	-0,01442	0,9121
TcCLB.507511.71	hypothetical protein (pseudogene)	-0,01443	0,9711
TcCLB.508461.160	hypothetical protein, conserved	-0,01444	0,9157
TcCLB.511773.50	protein kinase, putative	-0,01462	0,9389
TcCLB.507631.10	hypothetical protein, conserved	-0,01469	0,9659
TcCLB.506505.10	hypothetical protein, conserved	-0,01473	0,9568
TcCLB.507953.140	trans-sialidase, Group V, putative	-0,01473	0,978
TcCLB.504137.10	isoleucyl-tRNA synthetase, putative	-0,01478	0,9301
TcCLB.506479.110	hypothetical protein	-0,01499	0,9171
TcCLB.508385.60	hypothetical protein, conserved	-0,01514	0,939
TcCLB.509231.20	protein kinase, putative	-0,01515	0,9326
TcCLB.510351.130	hypothetical protein, conserved	-0,01519	0,9419
TcCLB.508273.40	hypothetical protein, conserved	-0,01524	0,9317
TcCLB.503565.10	hypothetical protein	-0,01533	0,9458
TcCLB.510377.134	mucin-associated surface protein (MASP), putative	-0,01534	0,9809
TcCLB.510747.150	hypothetical protein, conserved	-0,01543	0,9261
TcCLB.509967.90	hypothetical protein, conserved	-0,01543	0,9361
TcCLB.506931.40	hypothetical protein, conserved	-0,01556	0,915
TcCLB.503939.50	hypothetical protein, conserved	-0,01559	0,903
TcCLB.506221.30	protein phosphatase 2C, putative	-0,01565	0,9211
TcCLB.511303.20	hypothetical protein	-0,0157	0,9317
TcCLB.508355.250	60S acidic ribosomal protein P0, putative (P0)	-0,01582	0,8532
TcCLB.510747.34	hypothetical protein, conserved	-0,01584	0,9423
TcCLB.509767.100	hypothetical protein, conserved	-0,01596	0,9421
TcCLB.511277.320	hypothetical protein, conserved	-0,01599	0,8995
TcCLB.508879.180	hypothetical protein, conserved	-0,01602	0,9465
TcCLB.508059.40	syntaxin, putative	-0,01604	0,943
TcCLB.508199.90	hypothetical protein, conserved	-0,01605	0,9257
TcCLB.507669.100	transcription elongation factor, putative	-0,01606	0,9243
TcCLB.506949.50	cytochrome c, putative	-0,0161	0,9068
TcCLB.507807.20	hypothetical protein, conserved	-0,0161	0,9495
TcCLB.509027.40	hypothetical protein, conserved	-0,01615	0,8926
TcCLB.426071.10	dispersed gene family protein 1 (DGF-1), putative (fragme	-0,01623	0,967
TcCLB.507069.160	trans-sialidase, Group V, putative	-0,01627	0,9656
TcCLB.511923.40	hypothetical protein, conserved (pseudogene)	-0,01632	0,9619
TcCLB.508179.40	hypothetical protein, conserved	-0,01635	0,9156
TcCLB.511505.20	hypothetical protein, conserved	-0,01641	0,9253
TcCLB.511209.40	hypothetical protein, conserved	-0,01646	0,9392

TcCLB.507729.41	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	-0,01646	0,9784
TcCLB.504047.40	kinesin, putative	-0,01651	0,8744
TcCLB.508221.518	mucin TcMUCII, putative	-0,01651	0,9805
TcCLB.505163.20	hypothetical protein, conserved	-0,01657	0,9375
TcCLB.510297.100	ADP-ribosylation factor-like protein, putative	-0,01664	0,9251
TcCLB.506469.60	hypothetical protein	-0,01676	0,9591
TcCLB.503985.10	trans-sialidase (pseudogene), putative	-0,01685	0,9617
TcCLB.511077.7	trans-sialidase, putative (fragment)	-0,01694	0,9939
TcCLB.503805.30	hypothetical protein, conserved	-0,01695	0,9335
TcCLB.506501.5	trans-sialidase (pseudogene), putative	-0,01695	0,9801
TcCLB.510515.120	hypothetical protein, conserved	-0,01703	0,9656
TcCLB.506529.650	hypothetical protein, conserved	-0,01706	0,9161
TcCLB.510011.9	mucin-associated surface protein (MASP), putative	-0,01727	0,9719
TcCLB.511153.100	RNA-binding protein, putative	-0,01738	0,9146
TcCLB.511257.30	ras-related protein rab, putative	-0,0174	0,9406
TcCLB.510105.250	membrane-bound acid phosphatase 2, putative	-0,01748	0,9253
TcCLB.510127.60	hypothetical protein, conserved	-0,01748	0,9324
TcCLB.509117.10	ubiquitin-activating enzyme, putative	-0,01754	0,9287
TcCLB.504883.40	hypothetical protein, conserved	-0,01758	0,9006
TcCLB.508371.10	glutamine-dependent carbamoyl-phosphate synthetase (p	-0,0176	0,9251
TcCLB.509161.90	hypothetical protein, conserved	-0,01761	0,9273
TcCLB.511185.60	trans-sialidase (pseudogene), putative	-0,01765	0,9614
TcCLB.506863.40	hypothetical protein, conserved	-0,01767	0,9453
TcCLB.506245.76	trans-sialidase (pseudogene), putative	-0,01768	0,9627
TcCLB.506767.250	trans-sialidase (pseudogene), putative	-0,01773	0,9702
TcCLB.504313.30	dispersed gene family protein 1 (DGF-1), putative	-0,01783	0,9308
TcCLB.508593.30	hypothetical protein, conserved	-0,01792	0,9172
TcCLB.508587.40	dispersed gene family protein 1 (DGF-1, pseudogene), putative	-0,01802	0,9472
TcCLB.507159.44	DNA-directed RNA polymerase III subunit, putative	-0,01817	0,9145
TcCLB.511921.10	hypothetical protein, conserved (pseudogene)	-0,0182	0,9581
TcCLB.508209.150	hypothetical protein, conserved	-0,01824	0,9049
TcCLB.508779.50	hypothetical protein, conserved	-0,01829	0,8995
TcCLB.509589.50	hypothetical protein, conserved	-0,01832	0,898
TcCLB.509617.60	thioredoxin, putative	-0,01834	0,9385
TcCLB.507793.60	hypothetical protein, conserved	-0,01837	0,9567
TcCLB.503899.70	hypothetical protein	-0,01845	0,9299
TcCLB.509937.130	protein kinase, putative	-0,01849	0,9812
TcCLB.504161.50	hypothetical protein, conserved	-0,01859	0,9233
TcCLB.509217.160	complement regulatory protein, putative	-0,01869	0,9634
TcCLB.508321.40	hypothetical protein, conserved	-0,01874	0,8496
TcCLB.511059.10	trans-sialidase, putative	-0,01874	0,9806
TcCLB.509887.10	hypothetical protein	-0,01876	0,943
TcCLB.503687.10	regulator of chromosome condensation (RCC1), putative	-0,01888	0,9176
TcCLB.506331.139	mucin-associated surface protein (MASP, pseudogene), putative	-0,01891	0,9469
TcCLB.506247.290	hypothetical protein, conserved	-0,01895	0,8661

TcCLB.506507.60	retrotransposon hot spot protein (RHS, pseudogene), putat	-0,019	0,9203
TcCLB.509781.10	hypothetical protein, conserved	-0,01906	0,9341
TcCLB.507987.30	mucin-associated surface protein (MASP), putative (fragm	-0,01907	0,9719
TcCLB.503609.50	trans-sialidase, Group VI, putative	-0,01913	0,9602
TcCLB.508081.20	hypothetical protein	-0,01924	0,9762
TcCLB.504017.40	aminomethyltransferase, mitochondrial, putative (GCV)	-0,01949	0,9229
TcCLB.507811.44	phosphoglycerate mutase protein, putative	-0,01964	0,9368
TcCLB.510655.80	hypothetical protein, conserved	-0,01972	0,9491
TcCLB.510371.70	mucin-associated surface protein (MASP), putative	-0,01972	0,9665
TcCLB.511383.20	kinesin, putative	-0,01979	0,8963
TcCLB.507757.60	dihydrolipoamide dehydrogenase, putative	-0,02002	0,9203
TcCLB.511137.10	hypothetical protein, conserved	-0,02003	0,9314
TcCLB.509803.30	hypothetical protein, conserved	-0,02006	0,8927
TcCLB.503897.50	hypothetical protein, conserved	-0,02006	0,9006
TcCLB.503851.10	Elongator-like Protein 3a, putative	-0,02007	0,9249
TcCLB.509911.100	chaperone DNAJ protein, putative	-0,02014	0,9173
TcCLB.511867.180	hypothetical protein, conserved	-0,02018	0,9102
TcCLB.511747.20	hypothetical protein, conserved	-0,02018	0,9114
TcCLB.510205.20	mucin-associated surface protein (MASP), putative	-0,02023	0,9614
TcCLB.510089.110	mitochondrial RNA binding complex 1 subunit, putative	-0,02036	0,8958
TcCLB.508963.20	small GTP-binding protein Rab18, putative	-0,02047	0,9125
TcCLB.511907.10	hypothetical protein, conserved	-0,02049	0,9071
TcCLB.504625.10	trans-splicing factor, putative	-0,02064	0,9075
TcCLB.506941.250	hypothetical protein, conserved	-0,02065	0,9012
TcCLB.510741.180	ATP-dependent RNA helicase, putative	-0,02074	0,8411
TcCLB.511925.40	hypothetical protein, conserved	-0,02087	0,9452
TcCLB.510295.15	hypothetical protein, conserved	-0,02088	0,9103
TcCLB.507215.9	dispersed gene family protein 1 (DGF-1), putative (fragme	-0,02095	0,9702
TcCLB.508825.20	hypothetical protein	-0,02099	0,9293
TcCLB.506303.50	UDP-galactose 4-epimerase, putative	-0,02101	0,8937
TcCLB.508065.10	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, pi	-0,02103	0,9499
TcCLB.511287.80	hypothetical protein, conserved	-0,02109	0,9197
TcCLB.508165.410	mucin-associated surface protein (MASP), putative	-0,02128	0,9639
TcCLB.511929.40	trans-sialidase (pseudogene), putative	-0,02133	0,9617
TcCLB.509065.120	hypothetical protein	-0,02135	0,9296
TcCLB.508815.70	hypothetical protein, conserved	-0,02141	0,8345
TcCLB.503657.20	hypothetical protein, conserved	-0,02144	0,9141
TcCLB.509059.80	hypothetical protein, conserved	-0,02148	0,8725
TcCLB.509767.10	neutral sphingomyelinase activation associated factor-like	-0,02159	0,8769
TcCLB.503563.20	ADG2, putative	-0,02182	0,9042
TcCLB.506869.4	hypothetical protein, conserved	-0,02195	0,9005
TcCLB.503879.100	hypothetical protein, conserved	-0,02196	0,819
TcCLB.507609.70	hypothetical protein, conserved	-0,02216	0,9363
TcCLB.511747.30	hypothetical protein, conserved	-0,02218	0,9251
TcCLB.506871.130	hypothetical protein, conserved	-0,02222	0,8924

TcCLB.506173.20	hypothetical protein	-0,02225	0,9189
TcCLB.506765.58	trans-sialidase (pseudogene), putative	-0,02226	0,9609
TcCLB.509999.30	hypothetical protein, conserved	-0,02232	0,9125
TcCLB.508085.10	GMP synthase, putative	-0,02235	0,8906
TcCLB.511797.240	trans-sialidase (pseudogene), putative	-0,02238	0,9522
TcCLB.506859.80	hypothetical protein, conserved	-0,0225	0,8629
TcCLB.505025.110	surface protease GP63 (pseudogene), putative	-0,02252	0,9617
TcCLB.504109.70	mitochondrial carrier protein, putative	-0,02261	0,8608
TcCLB.509647.190	hypothetical protein, conserved	-0,02266	0,8667
TcCLB.508735.10	trans-sialidase (pseudogene), putative	-0,02268	0,91
TcCLB.505965.80	hypothetical protein, conserved	-0,02269	0,9148
TcCLB.509561.120	deaminase, putative	-0,02275	0,928
TcCLB.510745.10	hypothetical protein, conserved	-0,02279	0,8948
TcCLB.507583.30	hypothetical protein	-0,0228	0,9091
TcCLB.510355.250	hypothetical protein, conserved	-0,02288	0,8597
TcCLB.506195.150	hypothetical protein, conserved	-0,02302	0,8619
TcCLB.506527.10	hypothetical protein, conserved	-0,02327	0,8389
TcCLB.509037.50	aspartyl-tRNA synthetase, putative	-0,02333	0,8706
TcCLB.507527.10	hypothetical protein, conserved	-0,02334	0,8887
TcCLB.507591.20	beta galactofuranosyl glycosyltransferase (pseudogene), p	-0,02337	0,939
TcCLB.511625.74	hypothetical protein, conserved	-0,02343	0,8662
TcCLB.506205.30	hypothetical protein, conserved	-0,02349	0,9128
TcCLB.510105.184	hypothetical protein, conserved	-0,02351	0,917
TcCLB.507793.50	hypothetical protein, conserved	-0,02365	0,9394
TcCLB.473755.9	hypothetical protein, conserved	-0,02366	0,8912
TcCLB.511825.110	hypothetical protein	-0,0237	0,9683
TcCLB.504051.40	hypothetical protein, conserved	-0,02372	0,8631
TcCLB.511923.130	hypothetical protein, conserved	-0,02383	0,8895
TcCLB.507069.139	mucin TcMUCII (pseudogene), putative	-0,02391	0,9673
TcCLB.508921.10	hypothetical protein, conserved	-0,02399	0,9134
TcCLB.503835.20	hypothetical protein, conserved	-0,02402	0,9068
TcCLB.507001.40	hypothetical protein, conserved	-0,02406	0,8717
TcCLB.503833.30	peroxin 13, putative (PEX13)	-0,02415	0,883
TcCLB.506321.350	hypothetical protein, conserved	-0,02415	0,9075
TcCLB.508741.190	hypothetical protein, conserved	-0,02423	0,8759
TcCLB.507011.260	hypothetical protein, conserved	-0,02425	0,8831
TcCLB.511719.20	hypothetical protein, conserved	-0,02425	0,9093
TcCLB.504881.30	hypothetical protein, conserved	-0,02433	0,7653
TcCLB.504427.30	hypothetical protein, conserved	-0,02437	0,8587
TcCLB.506789.110	hypothetical protein	-0,02442	0,854
TcCLB.511025.30	mitogen-activated protein kinase, putative	-0,02442	0,873
TcCLB.511923.71	hypothetical protein, conserved (pseudogene)	-0,02442	0,9522
TcCLB.509539.44	hypothetical protein, conserved	-0,02444	0,9503
TcCLB.506411.39	CDP-DAG synthase, putative (fragment) (CDS)	-0,02448	0,9483
TcCLB.509633.40	hypothetical protein, conserved	-0,02455	0,913

TcCLB.504021.10	G1 cyclin CycE4, putative (CYC5)	-0,02459	0,8372
TcCLB.511851.44	mucin-associated surface protein (MASP, pseudogene), pu	-0,02459	0,8402
TcCLB.503985.20	retrotransposon hot spot protein (RHS, pseudogene), putat	-0,0246	0,9409
TcCLB.506277.20	mucin TcMUCII (pseudogene), putative	-0,0246	0,9708
TcCLB.509915.80	hypothetical protein, conserved (pseudogene)	-0,02464	0,9335
TcCLB.508355.280	hypothetical protein, conserved	-0,02465	0,8564
TcCLB.510437.45	hypothetical protein	-0,02474	0,9137
TcCLB.504741.110	hypothetical protein, conserved	-0,02478	0,9091
TcCLB.506529.460	hypothetical protein, conserved	-0,02481	0,8669
TcCLB.511183.391	surface protease GP63 (pseudogene), putative	-0,02482	0,9495
TcCLB.511477.40	dispersed gene family protein 1 (DGF-1, pseudogene), puta	-0,02483	0,9242
TcCLB.510921.40	trans-sialidase, putative (fragment)	-0,02492	0,9615
TcCLB.506989.155	hypothetical protein, conserved	-0,02493	0,9203
TcCLB.508917.4	hypothetical protein, conserved	-0,02505	0,8922
TcCLB.508827.110	leucine-rich repeat protein (LRRP), putative	-0,02507	0,8934
TcCLB.508781.10	structural maintenance of chromosome protein 4 (pseudogē	-0,02515	0,9346
TcCLB.506343.10	serine/threonine protein kinase, putative	-0,0252	0,9139
TcCLB.509455.90	Putative intraflagellar transport protein A1 (PIFTA1)	-0,02522	0,8491
TcCLB.509543.10	hypothetical protein	-0,02525	0,951
TcCLB.511653.40	hypothetical protein, conserved	-0,02551	0,902
TcCLB.511003.200	hypothetical protein, conserved	-0,02562	0,9163
TcCLB.507991.30	hypothetical protein, conserved	-0,0258	0,8946
TcCLB.511737.50	hypothetical protein, conserved	-0,0258	0,9016
TcCLB.505941.30	hypothetical protein, conserved	-0,02582	0,8507
TcCLB.507073.30	hypothetical protein, conserved	-0,02584	0,8253
TcCLB.509505.80	hypothetical protein, conserved	-0,02595	0,8761
TcCLB.506703.20	mucin-associated surface protein (MASP), putative	-0,02616	0,965
TcCLB.506297.220	hypothetical protein, conserved	-0,02619	0,8111
TcCLB.509157.100	hypothetical protein	-0,02632	0,9128
TcCLB.506475.120	conserved protein, unknown function	-0,02633	0,8729
TcCLB.506919.110	glycine dehydrogenase [decarboxylating] (pseudogene), pu	-0,02633	0,9606
TcCLB.510755.129	60S ribosomal protein L12, putative	-0,02636	0,9114
TcCLB.509671.64	ribosomal protein L36, putative	-0,02641	0,8605
TcCLB.507071.390	trans-sialidase, Group V, putative	-0,02654	0,9581
TcCLB.508965.39	hypothetical protein, conserved	-0,02655	0,8552
TcCLB.508265.44	mitochondrial pyruvate carrier protein 2, putative	-0,02668	0,8766
TcCLB.510967.16	hypothetical protein, conserved	-0,02673	0,8796
TcCLB.506379.10	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, pu	-0,02678	0,9427
TcCLB.511173.460	mucin-associated surface protein (MASP), putative	-0,0268	0,9618
TcCLB.508871.160	hypothetical protein	-0,0268	0,9675
TcCLB.504835.29	hypothetical protein, conserved	-0,02681	0,8455
TcCLB.507681.70	hypothetical protein, conserved	-0,02689	0,8538
TcCLB.507747.220	protein farnesyltransferase, putative	-0,02691	0,8636
TcCLB.511215.50	hypothetical protein, conserved	-0,02697	0,8348
TcCLB.510603.119	hypothetical protein, conserved	-0,02704	0,9278



TcCLB.506357.190	hypothetical protein, conserved	-0,02708	0,8685
TcCLB.508707.130	hypothetical protein, conserved	-0,02708	0,8711
TcCLB.505999.150	wd40 repeat domain-containing protein	-0,0271	0,8766
TcCLB.511803.30	hypothetical protein, conserved	-0,02719	0,8858
TcCLB.506967.10	trans-sialidase, Group V, putative	-0,02722	0,9508
TcCLB.503717.40	mucin-associated surface protein (MASP, pseudogene), pu	-0,02731	0,9461
TcCLB.506201.4	hypothetical protein, conserved	-0,0274	0,9093
TcCLB.506477.4	hypothetical protein, conserved	-0,02747	0,9275
TcCLB.507993.20	hypothetical protein, conserved	-0,0276	0,9325
TcCLB.504449.30	hypothetical protein, conserved	-0,02761	0,79
TcCLB.507093.339	hypothetical protein, conserved	-0,02763	0,8575
TcCLB.507089.140	hypothetical protein, conserved	-0,02765	0,8492
TcCLB.506767.381	syntaxin binding protein (pseudogene), putative	-0,02767	0,9663
TcCLB.509595.30	hypothetical protein, conserved	-0,02773	0,8688
TcCLB.506469.110	hypothetical protein	-0,0282	0,8994
TcCLB.506713.14	hypothetical protein, conserved	-0,02837	0,9055
TcCLB.504011.70	hypothetical protein, conserved	-0,02841	0,9329
TcCLB.509805.160	hypothetical protein, conserved	-0,02844	0,8336
TcCLB.510437.50	hypothetical protein, conserved	-0,02845	0,8722
TcCLB.511239.130	hypothetical protein, conserved	-0,0285	0,8908
TcCLB.506203.100	hypothetical protein	-0,02861	0,8499
TcCLB.503925.70	hypothetical protein, conserved	-0,02863	0,7998
TcCLB.509541.19	major vault protein, putative	-0,02879	0,8252
TcCLB.508405.110	hypothetical protein, conserved	-0,02886	0,8739
TcCLB.507991.80	hypothetical protein, conserved	-0,029	0,8275
TcCLB.507521.140	hypothetical protein, conserved	-0,02904	0,8085
TcCLB.511621.244	hypothetical protein, conserved	-0,02904	0,904
TcCLB.507521.130	hypothetical protein	-0,02912	0,8011
TcCLB.511127.50	hypothetical protein, conserved	-0,02912	0,8649
TcCLB.511815.150	hypothetical protein	-0,02913	0,7761
TcCLB.508559.80	trans-sialidase (pseudogene), putative	-0,02913	0,9213
TcCLB.511239.10	hypothetical protein, conserved	-0,02914	0,8653
TcCLB.509867.50	hypothetical protein, conserved (pseudogene)	-0,02916	0,9471
TcCLB.511221.60	trans-sialidase, Group V, putative	-0,02919	0,9193
TcCLB.504105.170	hypothetical protein, conserved	-0,02926	0,7939
TcCLB.504017.20	hypothetical protein, conserved	-0,02938	0,8434
TcCLB.507747.240	hypothetical protein, conserved	-0,02956	0,8419
TcCLB.511139.30	hypothetical protein, conserved	-0,0296	0,8643
TcCLB.506437.10	amastin, putative	-0,0296	0,8826
TcCLB.506367.130	hypothetical protein, conserved	-0,02975	0,845
TcCLB.506853.20	hypothetical protein, conserved	-0,02976	0,8259
TcCLB.511587.40	hypothetical protein, conserved (pseudogene)	-0,02997	0,8061
TcCLB.509485.70	retrotransposon hot spot protein (RHS, pseudogene), putat	-0,03001	0,8749
TcCLB.506811.110	hypothetical protein, conserved	-0,03008	0,8238
TcCLB.503651.20	hypothetical protein	-0,03014	0,87

TcCLB.511797.184	mucin TcMUC (pseudogene), putative	-0,03022	0,9656
TcCLB.506227.250	hypothetical protein, conserved	-0,03038	0,8439
TcCLB.508153.350	hypothetical protein, conserved	-0,03046	0,8934
TcCLB.510655.40	hypothetical protein, conserved	-0,03047	0,8422
TcCLB.504175.30	hypothetical protein, conserved	-0,03049	0,8671
TcCLB.506767.140	mucin-associated surface protein (MASP), putative	-0,03052	0,9599
TcCLB.511283.280	Serine/threonine-protein kinase Nek1-related, putative	-0,03059	0,8337
TcCLB.508771.30	hypothetical protein, conserved	-0,03059	0,8773
TcCLB.506635.110	kinesin-like protein, putative	-0,03061	0,8816
TcCLB.510663.10	hypothetical protein, conserved	-0,03073	0,9122
TcCLB.506855.209	U6 snRNA-associated Sm-like protein LSm7p	-0,03075	0,879
TcCLB.508741.10	hypothetical protein	-0,03077	0,8086
TcCLB.511421.230	Cell cycle checkpoint protein RAD1-like, putative	-0,03088	0,8504
TcCLB.510965.29	hypothetical protein, conserved	-0,03089	0,8779
TcCLB.508507.20	hypothetical protein, conserved	-0,03095	0,8561
TcCLB.510625.140	elongation factor 1-gamma (EF-1-gamma), putative	-0,03101	0,8657
TcCLB.511237.80	hypothetical protein, conserved	-0,0311	0,8346
TcCLB.506211.100	Sarcalumenin, putative	-0,03113	0,8209
TcCLB.511727.140	phenylalanyl-tRNA synthetase alpha chain, putative	-0,03115	0,7267
TcCLB.509747.20	60S ribosomal protein L22, putative	-0,03122	0,7571
TcCLB.503673.9	eukaryotic translation initiation factor 2-alpha kinase, puta	-0,03125	0,8854
TcCLB.511451.90	mucin-associated surface protein (MASP), putative	-0,03129	0,9542
TcCLB.506959.120	60S ribosomal protein L30, putative	-0,03144	0,7612
TcCLB.509227.20	mucin-associated surface protein (MASP, pseudogene), pu	-0,03144	0,7966
TcCLB.504013.55	hypothetical protein, conserved	-0,03156	0,8784
TcCLB.506513.80	hypothetical protein, conserved	-0,03159	0,8552
TcCLB.506241.100	60S ribosomal protein L32, putative	-0,0316	0,7521
TcCLB.508541.30	hypothetical protein	-0,03165	0,9647
TcCLB.510761.18	hypothetical protein, conserved	-0,0317	0,834
TcCLB.510149.70	hypothetical protein, conserved	-0,03173	0,7844
TcCLB.511545.60	hypothetical protein	-0,03173	0,919
TcCLB.509693.170	hypothetical protein, conserved	-0,03182	0,8496
TcCLB.509081.140	mucin TcMUCII, putative	-0,03184	0,9536
TcCLB.506241.30	trans-sialidase, Group II, putative	-0,03192	0,9171
TcCLB.509917.12	N-acetyltransferase complex ARD1 subunit (pseudogene),	-0,03192	0,9485
TcCLB.504081.310	syntaxin binding protein (pseudogene), putative	-0,03208	0,9536
TcCLB.510971.69	hypothetical protein, conserved (fragment)	-0,03217	0,8132
TcCLB.507687.20	dispersed gene family protein 1 (DGF-1), putative	-0,03238	0,919
TcCLB.511303.160	sodium/hydrogen exchanger, putative (FTP)	-0,03249	0,8465
TcCLB.503995.30	hypothetical protein	-0,03264	0,8895
TcCLB.506155.30	kinesin-like protein, putative	-0,03269	0,8074
TcCLB.507787.20	hypothetical protein, conserved	-0,03279	0,7876
TcCLB.511445.100	hypothetical protein, conserved	-0,03285	0,8061
TcCLB.508277.30	hypothetical protein, conserved	-0,03286	0,815
TcCLB.508641.80	hypothetical protein, conserved	-0,03292	0,8345

TcCLB.506239.50	palmitoyl acyltransferase 6, putative	-0,03294	0,8769
TcCLB.511529.160	enoyl-CoA hydratase/isomerase family protein, putative	-0,03313	0,8086
TcCLB.509817.40	trans-sialidase (pseudogene), putative	-0,0332	0,884
TcCLB.503813.10	hypothetical protein, conserved	-0,03328	0,82
TcCLB.511517.20	hypothetical protein, conserved	-0,0333	0,8256
TcCLB.506717.100	mucin-associated surface protein (MASP, pseudogene), pu	-0,03339	0,8974
TcCLB.510213.20	hypothetical protein	-0,03355	0,9639
TcCLB.505171.10	phospholipid transporting ATPase-like protein, putative	-0,03361	0,832
TcCLB.510819.90	hypothetical protein, conserved	-0,03363	0,8609
TcCLB.510797.10	2-oxoglutarate dehydrogenase subunit, putative	-0,03383	0,8285
TcCLB.509109.145	hypothetical protein, conserved (pseudogene)	-0,03407	0,9
TcCLB.507605.26	mucin TcMUCII, putative	-0,03418	0,9747
TcCLB.508645.10	SNF2 family protein	-0,03419	0,7934
TcCLB.508507.50	hypothetical protein, conserved	-0,0342	0,8799
TcCLB.452039.9	hypothetical protein, conserved	-0,03427	0,79
TcCLB.509807.29	hypothetical protein, conserved	-0,03427	0,8752
TcCLB.507031.50	hypothetical protein, conserved	-0,03427	0,9091
TcCLB.511127.100	catalytic subunit of the vacuolar transporter chaperone 4, Ꞥ	-0,03435	0,777
TcCLB.506835.30	60S ribosomal protein L9, putative	-0,03436	0,6953
TcCLB.506979.5	hypothetical protein, conserved (pseudogene)	-0,03439	0,9306
TcCLB.447135.10	surface protease GP63, putative	-0,03453	0,9636
TcCLB.506193.20	hypothetical protein, conserved	-0,03456	0,8297
TcCLB.507997.80	hypothetical protein, conserved	-0,03456	0,9139
TcCLB.508461.589	hypothetical protein, conserved (fragment)	-0,03462	0,9093
TcCLB.508317.40	hypothetical protein, conserved	-0,03464	0,876
TcCLB.505071.119	hypothetical protein, conserved	-0,0347	0,854
TcCLB.506413.70	hypothetical protein, conserved	-0,03482	0,8268
TcCLB.503829.89	spliceosomal U5 snRNP-specific protein, putative	-0,03488	0,8928
TcCLB.510603.150	hypothetical protein, conserved	-0,03492	0,8589
TcCLB.507087.70	hypothetical protein, conserved	-0,03501	0,7993
TcCLB.508075.20	DNA repair protein, putative	-0,0351	0,8358
TcCLB.504051.9	hypothetical protein, conserved	-0,03516	0,8622
TcCLB.506887.60	small nuclear RNA gene activation protein (SNAP) 50, puta	-0,03519	0,7708
TcCLB.506685.40	hypothetical protein, conserved	-0,0354	0,807
TcCLB.507585.10	amino acid transporter, putative	-0,03544	0,6349
TcCLB.506807.30	hypothetical protein, conserved	-0,03546	0,8711
TcCLB.506675.70	dispersed gene family protein 1 (DGF-1), putative	-0,03552	0,8943
TcCLB.506689.20	hypothetical protein, conserved (pseudogene)	-0,03554	0,8535
TcCLB.508325.180	retrotransposon hot spot protein (RHS, pseudogene), putat	-0,03566	0,8078
TcCLB.509201.10	hypothetical protein, conserved	-0,03569	0,7984
TcCLB.511737.40	hypothetical protein, conserved	-0,03586	0,8175
TcCLB.507519.180	hypothetical protein, conserved	-0,03595	0,8473
TcCLB.418185.46	N-acetyltransferase complex ARD1 subunit (pseudogene),	-0,03606	0,9301
TcCLB.509715.120	phosphatidylinositol-4-phosphate 5-kinase, putative	-0,0362	0,8135
TcCLB.511649.110	hypothetical protein, conserved	-0,03631	0,7876

TcCLB.511907.250	hypothetical protein	-0,03644	0,7721
TcCLB.506251.120	hypothetical protein, conserved	-0,03646	0,88
TcCLB.506951.10	retrotransposon hot spot protein (RHS, pseudogene), putat	-0,03647	0,9296
TcCLB.510735.20	hypothetical protein, conserved	-0,03657	0,8355
TcCLB.504153.260	hypothetical protein, conserved	-0,0366	0,7462
TcCLB.507625.80	hypothetical protein, conserved	-0,03665	0,8092
TcCLB.504159.109	hypothetical protein, conserved	-0,03665	0,8859
TcCLB.510091.110	mitochondrial RNA binding complex 1 subunit, putative	-0,03679	0,82
TcCLB.510231.10	eukaryotic translation initiation factor 2-alpha kinase, puta	-0,03686	0,8438
TcCLB.510543.200	trans-sialidase (pseudogene), putative	-0,03697	0,9347
TcCLB.507739.70	hypothetical protein, conserved	-0,037	0,7985
TcCLB.506247.210	hypothetical protein, conserved	-0,03708	0,671
TcCLB.510421.130	mitochondrial RNA binding complex 1 subunit, putative	-0,03726	0,789
TcCLB.511255.470	retrotransposon hot spot protein (RHS, pseudogene), putat	-0,03738	0,922
TcCLB.507687.30	retrotransposon hot spot protein (RHS, pseudogene), putat	-0,03748	0,8668
TcCLB.506559.364	hypothetical protein, conserved	-0,0375	0,7006
TcCLB.506763.130	mucin-associated surface protein (MASP), putative	-0,03751	0,9346
TcCLB.510295.40	Protein C21orf2 homolog, putative	-0,03756	0,8181
TcCLB.509235.10	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, pi	-0,03793	0,9051
TcCLB.416143.10	Lys-63-specific deubiquitinase BRCC36, putative	-0,03794	0,7858
TcCLB.503635.40	hypothetical protein	-0,03803	0,8171
TcCLB.507681.180	hypothetical protein, conserved	-0,03803	0,8176
TcCLB.503987.39	hypothetical protein, conserved	-0,03822	0,8784
TcCLB.508899.80	hypothetical protein, conserved	-0,0383	0,7861
TcCLB.504125.80	hypothetical protein, conserved	-0,03836	0,7765
TcCLB.511881.20	serine/threonine-protein phosphatase	-0,03842	0,8254
TcCLB.511671.70	glucosamine 6-phosphate n-acetyltransferase, putative	-0,03846	0,8661
TcCLB.503967.19	hypothetical protein	-0,03857	0,8897
TcCLB.507011.40	hypothetical protein, conserved	-0,03861	0,8052
TcCLB.509795.60	tRNA pseudouridine synthase TruD, putative	-0,03863	0,7915
TcCLB.511837.60	hypothetical protein, conserved	-0,03863	0,8118
TcCLB.509213.20	hypothetical protein, conserved	-0,03863	0,8465
TcCLB.511215.100	hypothetical protein	-0,03869	0,8783
TcCLB.508871.170	trans-sialidase, Group V, putative	-0,03883	0,9091
TcCLB.510197.47	mucin TcMUCII (pseudogene), putative	-0,03886	0,9188
TcCLB.508141.30	hypothetical protein, conserved	-0,03898	0,7788
TcCLB.508385.10	hypothetical protein, conserved	-0,03905	0,7486
TcCLB.503395.40	60S ribosomal protein L18, putative	-0,03915	0,6987
TcCLB.510329.80	hypothetical protein, conserved	-0,03921	0,7537
TcCLB.511421.40	transmembrane protein, putative	-0,03921	0,8302
TcCLB.506983.60	DNA excision repair protein, putative	-0,03937	0,7241
TcCLB.504081.50	mucin-associated surface protein (MASP), putative	-0,03938	0,9171
TcCLB.511557.70	hypothetical protein, conserved	-0,0395	0,7545
TcCLB.511277.4	30S ribosomal protein S8, putative (fragment)	-0,03958	0,8566
TcCLB.506667.5	surface protease GP63 (pseudogene), putative	-0,03968	0,9512

TcCLB.507681.230	hypothetical protein, conserved	-0,03974	0,7956
TcCLB.509755.50	trans-sialidase, Group V, putative	-0,0398	0,9163
TcCLB.507795.90	hypothetical protein, conserved	-0,03981	0,8575
TcCLB.506777.24	hypothetical protein, conserved	-0,03986	0,8504
TcCLB.508645.20	hypothetical protein	-0,03998	0,8016
TcCLB.508277.210	hypothetical protein, conserved	-0,04001	0,8074
TcCLB.511707.30	hypothetical protein, conserved	-0,04016	0,7477
TcCLB.507669.210	hypothetical protein, conserved	-0,04017	0,831
TcCLB.506175.80	hypothetical protein, conserved	-0,0402	0,8753
TcCLB.508373.20	dihydroorotase, putative	-0,04024	0,8041
TcCLB.506883.34	hypothetical protein, conserved	-0,04032	0,8246
TcCLB.408437.29	hypothetical protein (fragment)	-0,04041	0,7898
TcCLB.511041.50	flagellum transition zone component, putative	-0,04046	0,6661
TcCLB.509453.4	hypothetical protein, conserved	-0,04055	0,8469
TcCLB.511167.60	hypothetical protein, conserved	-0,04058	0,7489
TcCLB.507519.140	Adenine phosphoribosyltransferase, putative	-0,0406	0,7949
TcCLB.504625.74	hypothetical protein, conserved	-0,04061	0,8979
TcCLB.508687.25	hypothetical protein	-0,04061	0,9092
TcCLB.511635.40	protein tyrosine phosphatase, putative	-0,04077	0,6976
TcCLB.482319.19	hypothetical protein, conserved	-0,04077	0,8612
TcCLB.510943.26	ribosomal protein L38, putative	-0,04098	0,7844
TcCLB.511649.130	vesicle-associated membrane protein, putative	-0,041	0,7709
TcCLB.507017.60	hypothetical protein, conserved	-0,04104	0,7971
TcCLB.461879.10	retrotransposon hot spot protein (RHS, pseudogene), putat	-0,04107	0,8629
TcCLB.504131.120	hypothetical protein, conserved	-0,04108	0,809
TcCLB.504827.120	hypothetical protein, conserved	-0,0411	0,8151
TcCLB.506709.10	hypothetical protein, conserved	-0,04111	0,781
TcCLB.511589.100	hypothetical protein, conserved	-0,04112	0,8921
TcCLB.510303.119	hypothetical protein, conserved	-0,04114	0,8247
TcCLB.510933.160	mucin-associated surface protein (MASP, pseudogene), pu	-0,04123	0,918
TcCLB.511529.50	hypothetical protein, conserved	-0,04128	0,8812
TcCLB.506603.20	mucin-associated surface protein (MASP, pseudogene), pu	-0,04136	0,9314
TcCLB.507811.60	vesicle-associated membrane protein, putative	-0,04157	0,7872
TcCLB.508717.36	selenophosphate synthetase, putative	-0,04159	0,7791
TcCLB.511545.20	ribosomal protein L27, putative	-0,04174	0,6975
TcCLB.509997.86	serine/threonine protein phosphatase, putative (fragment)	-0,04185	0,7661
TcCLB.510747.90	hypothetical protein	-0,04203	0,7927
TcCLB.503879.119	protein transport protein Sec24C, putative	-0,04215	0,7826
TcCLB.506979.30	hypothetical protein	-0,0422	0,9298
TcCLB.507071.89	mucin TcMUCII (pseudogene), putative	-0,04224	0,9393
TcCLB.509669.20	subtilisin-like serine peptidase, putative	-0,04234	0,7186
TcCLB.508647.220	mitochondrial RNA binding protein 1	-0,04236	0,6656
TcCLB.506529.620	hypothetical protein	-0,04236	0,8346
TcCLB.509721.10	MRB1 complex subunit MRB3010 (MRB3010)	-0,04238	0,8527
TcCLB.506857.100	endoplasmatic reticulum retrieval protein, putative	-0,04243	0,732

TcCLB.509985.20	hypothetical protein, conserved	-0,04244	0,8037
TcCLB.508777.120	hypothetical protein, conserved	-0,04246	0,8389
TcCLB.509179.220	hypothetical protein, conserved	-0,04248	0,8292
TcCLB.508357.23	hypothetical protein, conserved	-0,04252	0,8297
TcCLB.506435.170	hypothetical protein, conserved	-0,04252	0,8784
TcCLB.508637.140	hypothetical protein, conserved	-0,04254	0,7708
TcCLB.507071.240	mucin-associated surface protein (MASP), putative	-0,04269	0,9319
TcCLB.506335.20	trans-sialidase (pseudogene), putative	-0,04272	0,9141
TcCLB.506661.100	hypothetical protein, conserved	-0,0428	0,8984
TcCLB.432995.9	trans-sialidase, putative	-0,04298	0,9612
TcCLB.506441.10	hypothetical protein, conserved	-0,04307	0,7046
TcCLB.510377.30	mucin-associated surface protein (MASP, pseudogene), pu	-0,04317	0,9499
TcCLB.510603.30	hypothetical protein, conserved	-0,04318	0,9152
TcCLB.503805.3	kinesin heavy chain, putative	-0,0432	0,8705
TcCLB.511829.10	dispersed gene family protein 1 (DGF-1), putative	-0,0433	0,7595
TcCLB.511211.180	hypothetical protein, conserved	-0,04335	0,7681
TcCLB.511647.60	hypothetical protein, conserved	-0,04342	0,7462
TcCLB.504867.30	hypothetical protein, conserved	-0,04347	0,8957
TcCLB.511261.40	hypothetical protein	-0,04362	0,7932
TcCLB.508461.480	60S ribosomal protein L23, putative	-0,04364	0,6016
TcCLB.511717.30	chromosomal passenger protein, putative (CPC1)	-0,0437	0,7943
TcCLB.511279.60	hypothetical protein, conserved	-0,04376	0,7243
TcCLB.508307.10	hypothetical protein, conserved	-0,04381	0,9042
TcCLB.406999.10	dispersed gene family protein 1 (DGF-1), putative (fragme	-0,04393	0,9542
TcCLB.511581.20	fatty acyl CoA syntetase 1	-0,04394	0,7835
TcCLB.508815.120	hypothetical protein, conserved	-0,044	0,79
TcCLB.506227.180	ras-related protein RAB5B, putative (RAB5B)	-0,04409	0,7422
TcCLB.511753.140	vacuolar assembly protein vps41, putative	-0,0441	0,8544
TcCLB.507633.110	mucin-associated surface protein (MASP, pseudogene), pu	-0,04412	0,9172
TcCLB.503973.260	syntaxin binding protein (pseudogene), putative	-0,04412	0,9291
TcCLB.508221.180	trans-sialidase, Group V, putative	-0,04426	0,9273
TcCLB.506629.10	intraflagellar transport protein 88, putative (fragment) (IF	-0,04435	0,8406
TcCLB.506831.10	hypothetical protein	-0,04436	0,7805
TcCLB.504057.178	hypothetical protein, conserved	-0,04439	0,8045
TcCLB.473709.10	trans-sialidase, putative (fragment)	-0,04444	0,9553
TcCLB.510325.50	DNA replication complex GINS protein SLD5, putative	-0,04446	0,8491
TcCLB.504137.120	hypothetical protein, conserved	-0,04451	0,79
TcCLB.503957.20	retrotransposon hot spot (RHS) protein, putative	-0,04454	0,7869
TcCLB.511649.70	structural maintenance of chromosome 3 protein, putative	-0,04462	0,8008
TcCLB.511733.40	FUN14 family, putative (POMP32)	-0,04481	0,8489
TcCLB.507615.120	hypothetical protein, conserved	-0,04493	0,842
TcCLB.507941.60	hypothetical protein, conserved	-0,04498	0,8337
TcCLB.508375.50	dihydroorotate dehydrogenase (fumarate), putative (DHOC	-0,04503	0,8107
TcCLB.506503.160	hypothetical protein, conserved	-0,04506	0,6639
TcCLB.506581.50	hypothetical protein, conserved	-0,04523	0,8248

TcCLB.504147.99	hypothetical protein	-0,04528	0,6841
TcCLB.510759.4	hypothetical protein, conserved	-0,04538	0,8211
TcCLB.506855.350	hypothetical protein	-0,04538	0,8296
TcCLB.511651.19	delta-adaptin, putative	-0,04539	0,8752
TcCLB.503953.14	hypothetical protein, conserved	-0,04547	0,8229
TcCLB.506485.40	kinesin (pseudogene), putative	-0,04588	0,645
TcCLB.508347.100	hypothetical protein, conserved	-0,0459	0,7438
TcCLB.511717.50	hypothetical protein, conserved	-0,04595	0,7752
TcCLB.508857.80	hypothetical protein, conserved	-0,04595	0,8337
TcCLB.511671.50	hypothetical protein, conserved	-0,04611	0,6385
TcCLB.504147.80	metallo-peptidase, Clan MA(E) Family M3	-0,04617	0,6023
TcCLB.509753.100	mucin-associated surface protein (MASP), putative	-0,04631	0,9325
TcCLB.511907.60	hypothetical protein, conserved	-0,04633	0,8076
TcCLB.506753.50	hypothetical protein, conserved	-0,04647	0,7454
TcCLB.504019.3	hypothetical protein (fragment)	-0,04659	0,8194
TcCLB.511149.190	mucin-associated surface protein (MASP, pseudogene), pu	-0,04663	0,8952
TcCLB.507433.9	ATP-dependent DEAD/H DNA helicase recQ, putative (fragm	-0,04666	0,7008
TcCLB.509895.100	hypothetical protein, conserved	-0,04671	0,798
TcCLB.506869.70	mitochondrial structure specific endonuclease I (SSE-1), pu	-0,04676	0,7881
TcCLB.508153.770	hypothetical protein, conserved	-0,04681	0,7268
TcCLB.508163.170	trans-sialidase (pseudogene), putative	-0,04689	0,9297
TcCLB.507207.19	FtsJ cell division protein, putative (fragment)	-0,04693	0,5886
TcCLB.509691.10	hypothetical protein, conserved	-0,04695	0,863
TcCLB.508681.20	hypothetical protein	-0,04712	0,9407
TcCLB.510877.120	NADPH-dependent FMN/FAD containing oxidoreductase, p	-0,04716	0,7304
TcCLB.506599.80	mucin-associated surface protein (MASP), putative	-0,04724	0,9417
TcCLB.508291.10	mucin-associated surface protein (MASP, pseudogene), pu	-0,04727	0,9103
TcCLB.508379.29	hypothetical protein, conserved	-0,04733	0,8762
TcCLB.408573.9	hypothetical protein, conserved	-0,04735	0,8214
TcCLB.510799.9	hypothetical protein, conserved	-0,04742	0,8253
TcCLB.511019.90	iron superoxide dismutase, putative	-0,04748	0,6825
TcCLB.509455.50	hypothetical protein, conserved	-0,04749	0,7747
TcCLB.503583.10	metallo-peptidase, Clan MC, Family M14, putative	-0,04749	0,7871
TcCLB.507251.20	ribosomal protein L21E (60S), putative	-0,04751	0,5278
TcCLB.507711.180	hypothetical protein, conserved	-0,04754	0,7517
TcCLB.511657.70	hypothetical protein, conserved	-0,04755	0,7433
TcCLB.508207.20	protein kinase, putative	-0,04763	0,8693
TcCLB.511733.130	chaperonin HSP60, putative (fragment)	-0,04764	0,8268
TcCLB.506957.23	hypothetical protein, conserved	-0,04769	0,6689
TcCLB.510687.40	serine/threonine protein phosphatase, putative	-0,04778	0,7209
TcCLB.511621.150	hypothetical protein, conserved	-0,04786	0,7128
TcCLB.510885.30	hypothetical protein	-0,04788	0,7387
TcCLB.510149.80	ABC transporter, putative	-0,0479	0,594
TcCLB.508209.80	hypothetical protein, conserved	-0,04802	0,7756
TcCLB.504039.250	surface protease GP63 (pseudogene), putative	-0,04802	0,9027

TcCLB.468005.9	pumilio/PUF RNA binding protein 3, putative (PUF3)	-0,04809	0,7166
TcCLB.511615.10	trans-sialidase, Group V, putative	-0,04826	0,925
TcCLB.504077.60	hypothetical protein, conserved (pseudogene)	-0,0483	0,8974
TcCLB.503477.30	hypothetical protein, conserved	-0,04833	0,8268
TcCLB.510725.99	Chaperonin HSP60, mitochondrial (HSP60)	-0,04841	0,873
TcCLB.507669.170	WD40/YVTN repeat-like-containing protein	-0,04845	0,6736
TcCLB.511715.30	hypothetical protein, conserved	-0,04849	0,8407
TcCLB.509953.9	ubiquitin carboxyl-terminal hydrolase, putative (fragment)	-0,0485	0,8364
TcCLB.510321.20	hypothetical protein, conserved	-0,04853	0,7617
TcCLB.506559.370	hypothetical protein, conserved	-0,0486	0,7535
TcCLB.509985.30	hypothetical protein, conserved	-0,04872	0,8007
TcCLB.511099.220	mucin-associated surface protein (MASP), putative	-0,04878	0,9376
TcCLB.507843.10	retrotransposon hot spot (RHS) protein, putative	-0,04883	0,79
TcCLB.507907.20	trans-sialidase, Group II, putative	-0,04886	0,8656
TcCLB.508175.20	hypothetical protein, conserved	-0,04888	0,6178
TcCLB.504181.30	40S ribosomal protein S23, putative	-0,04888	0,8583
TcCLB.511711.50	hypothetical protein, conserved	-0,04895	0,7823
TcCLB.506725.30	hypothetical protein, conserved	-0,04914	0,6251
TcCLB.511819.59	dynein heavy chain, cytosolic, putative	-0,04917	0,7197
TcCLB.510431.310	hypothetical protein, conserved	-0,04924	0,8869
TcCLB.503811.40	PTS2 receptor, putative (PEX7)	-0,04958	0,8162
TcCLB.509911.80	hypothetical protein, conserved	-0,04963	0,7966
TcCLB.509055.20	hypothetical protein, conserved	-0,04964	0,7176
TcCLB.509875.200	copper homeostasis protein, putative	-0,04966	0,7482
TcCLB.506279.10	trans-sialidase, Group VI, putative	-0,04972	0,8735
TcCLB.507915.10	hypothetical protein, conserved	-0,04982	0,8895
TcCLB.504425.80	hypothetical protein, conserved	-0,05001	0,7536
TcCLB.510257.120	hypothetical protein, conserved	-0,05006	0,7639
TcCLB.511797.210	trans-sialidase (pseudogene), putative	-0,05006	0,8878
TcCLB.509733.50	hypothetical protein, conserved	-0,05007	0,7502
TcCLB.509245.10	hypothetical protein, conserved	-0,0501	0,7899
TcCLB.506767.21	syntaxin binding protein (pseudogene), putative	-0,05018	0,9236
TcCLB.508207.194	hypothetical protein, conserved	-0,05039	0,7037
TcCLB.508177.60	hypothetical protein, conserved	-0,05041	0,7757
TcCLB.510761.73	dynein-associated protein, putative	-0,05042	0,7902
TcCLB.460757.20	hypothetical protein (fragment)	-0,05043	0,926
TcCLB.510279.90	mucin-associated surface protein (MASP, pseudogene), pu	-0,05049	0,9215
TcCLB.511015.20	ribosomal protein S29, putative	-0,05055	0,8025
TcCLB.511715.100	pumilio/PUF RNA binding protein 7, putative (PUF7)	-0,05064	0,6955
TcCLB.509069.14	hypothetical protein, conserved	-0,05069	0,7769
TcCLB.511445.90	hypothetical protein, conserved	-0,05071	0,6706
TcCLB.510229.20	8-oxoguanine DNA glycosylase, putative	-0,05072	0,7821
TcCLB.509645.19	hypothetical protein, conserved	-0,05078	0,7676
TcCLB.503485.20	hypothetical protein, conserved (pseudogene)	-0,05079	0,841
TcCLB.503973.350	hypothetical protein	-0,05081	0,9306



TcCLB.506733.50	actin-like protein, putative	-0,05085	0,7425
TcCLB.507595.10	dispersed gene family protein 1 (DGF-1, pseudogene), putative	-0,05096	0,9139
TcCLB.510765.50	hypothetical protein, conserved	-0,05102	0,79
TcCLB.509429.140	kinetoplastid kinetochore protein 6, putative (kkt6)	-0,05112	0,8061
TcCLB.510431.240	hypothetical protein, conserved	-0,05115	0,7405
TcCLB.510955.50	hypothetical protein, conserved	-0,05115	0,8313
TcCLB.510655.110	poly(A)-specific ribonuclease PARN, putative	-0,05129	0,7249
TcCLB.509073.60	hypothetical protein, conserved	-0,05144	0,7766
TcCLB.504147.120	60S ribosomal protein L22, putative	-0,05146	0,551
TcCLB.509037.40	eukaryotic translation initiation factor 4E, putative	-0,05154	0,6661
TcCLB.506281.14	hypothetical protein	-0,05154	0,8348
TcCLB.503493.10	hypothetical protein, conserved	-0,05157	0,7462
TcCLB.508589.41	N-acetyltransferase complex ARD1 subunit (pseudogene), putative	-0,05174	0,9251
TcCLB.507209.60	hypothetical protein, conserved	-0,05182	0,6891
TcCLB.509875.210	60S ribosomal protein L17, putative	-0,05183	0,5753
TcCLB.474339.9	hypothetical protein, conserved	-0,05185	0,7648
TcCLB.511283.310	hypothetical protein, conserved	-0,05191	0,6591
TcCLB.508589.51	ATP-dependent DEAD/H RNA helicase (pseudogene), putative	-0,05192	0,8933
TcCLB.509551.50	hypothetical protein	-0,05197	0,5999
TcCLB.509707.20	hypothetical protein, conserved	-0,05197	0,6385
TcCLB.508539.169	trans-sialidase (pseudogene), putative	-0,05203	0,8947
TcCLB.506503.50	hypothetical protein, conserved	-0,05211	0,6961
TcCLB.507521.115	hypothetical protein, conserved	-0,05214	0,8375
TcCLB.511643.10	hypothetical protein, conserved	-0,05238	0,7651
TcCLB.509083.9	ATP-dependent DEAD/H RNA helicase, putative	-0,0526	0,832
TcCLB.507093.229	U-rich RNA-binding protein UBP-2	-0,05283	0,6555
TcCLB.509641.50	hypothetical protein, conserved	-0,05285	0,7333
TcCLB.504055.40	dihydroxyacetone phosphate acyltransferase, putative (DAAT)	-0,05291	0,6273
TcCLB.507937.50	mucin-associated surface protein (MASP), putative	-0,05307	0,8991
TcCLB.510485.9	dispersed gene family protein 1 (DGF-1), putative	-0,05314	0,8897
TcCLB.509551.149	phosphatidylserine decarboxylase, putative	-0,05318	0,8544
TcCLB.506189.10	nucleolar protein, putative	-0,05327	0,7305
TcCLB.509395.80	hypothetical protein, conserved	-0,05328	0,697
TcCLB.509099.130	hypothetical protein, conserved	-0,05333	0,671
TcCLB.509445.10	tryparedoxin peroxidase, putative	-0,05333	0,7945
TcCLB.506335.150	mucin-associated surface protein (MASP, pseudogene), putative	-0,05336	0,8952
TcCLB.511495.20	hypothetical protein, conserved	-0,05337	0,7509
TcCLB.507711.270	hypothetical protein, conserved	-0,05342	0,7703
TcCLB.504203.20	sec1-like protein, putative	-0,05345	0,653
TcCLB.511249.4	RNA editing 3' terminal uridylyl transferase 1, putative	-0,05347	0,8075
TcCLB.504161.30	hypothetical protein, conserved	-0,05354	0,797
TcCLB.509267.20	hypothetical protein	-0,05355	0,757
TcCLB.503965.39	hypothetical protein, conserved	-0,05361	0,8181
TcCLB.508389.90	surface protease GP63, putative	-0,05363	0,8985
TcCLB.508873.103	mucin-associated surface protein (MASP, pseudogene), putative	-0,05366	0,9312

TcCLB.510743.40	prenyl protein specific carboxyl methyltransferase, putative	-0,05368	0,7659
TcCLB.507541.40	casein kinase, putative	-0,05373	0,4937
TcCLB.510719.160	60S ribosomal protein L22, putative	-0,05373	0,5368
TcCLB.506703.50	mucin-associated surface protein (MASP), putative	-0,0539	0,8737
TcCLB.506769.40	hypothetical protein	-0,05415	0,9471
TcCLB.507035.120	hypothetical protein, conserved	-0,05437	0,7577
TcCLB.508175.39	hypothetical protein, conserved	-0,05458	0,7687
TcCLB.509253.20	tubulin tyrosine ligase, putative	-0,05469	0,7652
TcCLB.506989.250	hypothetical protein, conserved	-0,05474	0,6908
TcCLB.508027.50	hypothetical protein, conserved	-0,05479	0,7904
TcCLB.507007.30	hypothetical protein	-0,05484	0,7576
TcCLB.506321.101	hypothetical protein, conserved (pseudogene)	-0,05491	0,9133
TcCLB.508303.30	hypothetical protein, conserved	-0,05503	0,7888
TcCLB.506311.20	palmitoyl acyltransferase 2, putative	-0,05504	0,739
TcCLB.509799.120	hypothetical protein, conserved	-0,05504	0,776
TcCLB.506575.60	diacylglycerol kinase, putative	-0,05512	0,7357
TcCLB.506327.20	hypothetical protein, conserved	-0,05513	0,7844
TcCLB.511911.94	hypothetical protein, conserved	-0,05516	0,6602
TcCLB.479517.50	surface protease GP63, putative	-0,05524	0,8928
TcCLB.507499.53	ATP-dependent DEAD/H RNA helicase (pseudogene), putative	-0,05528	0,8406
TcCLB.509715.9	Ribosomal RNA processing protein 41A (RRP41A)	-0,05533	0,7717
TcCLB.510901.10	hypothetical protein, conserved	-0,05539	0,7463
TcCLB.509999.40	COPII coat assembly protein sec16, putative (sec16)	-0,05542	0,5541
TcCLB.506213.80	60S ribosomal protein L17, putative	-0,05544	0,7621
TcCLB.509931.20	trans-sialidase, Group VIII, putative	-0,05545	0,875
TcCLB.511291.110	hypothetical protein, conserved	-0,05546	0,7405
TcCLB.507673.20	60S ribosomal protein L13a, putative	-0,05547	0,6318
TcCLB.507761.10	dispersed gene family protein 1 (DGF-1, pseudogene), putative	-0,05552	0,8683
TcCLB.511633.79	microtubule-associated protein, putative	-0,05573	0,7144
TcCLB.506989.20	hypothetical protein, conserved	-0,05578	0,6457
TcCLB.506667.170	hypothetical protein	-0,05581	0,9203
TcCLB.506789.170	ATPase, putative	-0,05583	0,7318
TcCLB.508559.29	dispersed gene family protein 1 (DGF-1), putative	-0,05583	0,7747
TcCLB.508521.11	trans-sialidase (pseudogene), putative	-0,05602	0,8393
TcCLB.474887.9	pseudouridine synthase TruD, putative (fragment)	-0,05604	0,7719
TcCLB.508165.290	mucin TcMUCII, putative	-0,05622	0,9474
TcCLB.510029.70	40S ribosomal protein S13, putative	-0,0563	0,6164
TcCLB.507093.140	hypothetical protein, conserved	-0,05631	0,7191
TcCLB.511585.190	eukaryotic initiation factor 4a, putative	-0,05636	0,5503
TcCLB.506631.10	hypothetical protein, conserved	-0,05643	0,7855
TcCLB.507041.65	hypothetical protein, conserved (pseudogene)	-0,05645	0,907
TcCLB.511735.10	chaperonin HSP60/CNP60, putative	-0,05649	0,806
TcCLB.506057.101	surface protease GP63, putative (fragment)	-0,05651	0,963
TcCLB.511291.100	Vesicle-trafficking protein SEC22, putative (SEC22)	-0,05656	0,7639
TcCLB.506591.81	hypothetical protein, conserved (pseudogene)	-0,05661	0,7881

TcCLB.506757.120	trans-sialidase, Group V, putative	-0,05663	0,7249
TcCLB.510219.30	CPSF 30 kDa subunit, putative (CPSF30)	-0,05663	0,7272
TcCLB.507011.160	hypothetical protein, conserved	-0,05672	0,7112
TcCLB.457109.9	dispersed gene family protein 1 (DGF-1), putative (fragme	-0,05681	0,8029
TcCLB.511557.40	hypothetical protein, conserved	-0,05683	0,7457
TcCLB.509199.40	hypothetical protein, conserved	-0,05686	0,7726
TcCLB.506245.70	mucin-associated surface protein (MASP, pseudogene), pu	-0,05689	0,8918
TcCLB.507099.60	hypothetical protein, conserved	-0,05694	0,7009
TcCLB.509911.30	hypothetical protein	-0,05699	0,7438
TcCLB.503789.30	hypothetical protein, conserved	-0,05732	0,8186
TcCLB.508319.70	40S ribosomal protein S11, putative	-0,05735	0,5455
TcCLB.511483.20	hypothetical protein, conserved	-0,05748	0,7132
TcCLB.506959.30	ATP-dependent DEAD/H RNA helicase, putative	-0,05756	0,6271
TcCLB.508459.9	hypothetical protein, conserved	-0,05757	0,7844
TcCLB.505229.10	Isoprenylcysteine alpha-carbonyl methylesterase, putative	-0,05771	0,6503
TcCLB.510431.245	hypothetical protein, conserved (pseudogene)	-0,05776	0,7956
TcCLB.503723.70	protein farnesyltransferase, putative	-0,05778	0,6989
TcCLB.508647.80	hypothetical protein, conserved	-0,05782	0,7123
TcCLB.509631.160	hypothetical protein, conserved	-0,05802	0,7545
TcCLB.506559.524	protein phosphatase 2C, putative	-0,05807	0,7509
TcCLB.507591.9	retrotransposon hot spot protein (RHS, pseudogene), putat	-0,05812	0,7313
TcCLB.503759.10	trans-sialidase, Group II, putative	-0,05827	0,8008
TcCLB.505207.40	dispersed gene family protein 1 (DGF-1), putative	-0,05827	0,8486
TcCLB.510579.100	hypothetical protein, conserved	-0,05829	0,7282
TcCLB.506559.510	hypothetical protein, conserved	-0,05831	0,7932
TcCLB.509163.80	glycine dehydrogenase [decarboxylating], putative	-0,05838	0,8389
TcCLB.504239.330	surface protease GP63 (pseudogene), putative	-0,05847	0,9101
TcCLB.508815.80	hypothetical protein, conserved	-0,05852	0,5353
TcCLB.507053.170	hypothetical protein, conserved	-0,05864	0,6591
TcCLB.508307.110	hypothetical protein, conserved	-0,05865	0,5407
TcCLB.511401.111	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	-0,05866	0,8285
TcCLB.506367.100	hypothetical protein, conserved	-0,05872	0,7556
TcCLB.509647.110	hypothetical protein, conserved	-0,0588	0,6597
TcCLB.508153.800	hypothetical protein	-0,05885	0,7595
TcCLB.506223.10	hypothetical protein, conserved	-0,05891	0,767
TcCLB.510575.190	60S ribosomal protein L10, putative	-0,05894	0,5664
TcCLB.511751.110	hypothetical protein, conserved	-0,05907	0,7135
TcCLB.508413.84	kinetoplastid membrane protein KMP-11 (fragment)	-0,05909	0,7119
TcCLB.507811.120	myosin heavy chain MYA2-related, putative	-0,05911	0,6586
TcCLB.510077.30	Mitogen-activated kinase kinase kinase, putative	-0,05914	0,8252
TcCLB.506713.10	hypothetical protein, conserved	-0,05928	0,7671
TcCLB.509099.80	hypothetical protein, conserved	-0,05933	0,5282
TcCLB.509877.40	hypothetical protein, conserved	-0,05951	0,5641
TcCLB.510401.50	trans-sialidase (pseudogene), putative	-0,05955	0,7988
TcCLB.508625.90	DNA damage repair protein, putative	-0,05958	0,6607

TcCLB.506351.30	hypothetical protein, conserved	-0,05962	0,7186
TcCLB.506503.30	hypothetical protein, conserved	-0,05964	0,6783
TcCLB.508047.20	mucin-associated surface protein (MASP), putative	-0,05967	0,8759
TcCLB.510899.40	hypothetical protein, conserved	-0,05973	0,8239
TcCLB.506751.100	mucin-associated surface protein (MASP), putative	-0,05981	0,9059
TcCLB.504827.90	hypothetical protein, conserved	-0,05984	0,7454
TcCLB.507933.20	hypothetical protein, conserved	-0,05985	0,7631
TcCLB.511311.80	hypothetical protein, conserved	-0,05989	0,5157
TcCLB.503791.10	TPR-repeat-containing chaperone protein DNAJ, putative (f	-0,05997	0,7462
TcCLB.511603.90	trans-sialidase, Group V, putative	-0,06015	0,8591
TcCLB.503423.10	glycine dehydrogenase [decarboxylating] (pseudogene), pu	-0,06027	0,802
TcCLB.503897.90	hypothetical protein, conserved	-0,06034	0,6592
TcCLB.503893.90	hypothetical protein, conserved	-0,06048	0,7482
TcCLB.504141.31	hypothetical protein, conserved (pseudogene)	-0,06054	0,834
TcCLB.507275.20	hypothetical protein, conserved	-0,06059	0,5836
TcCLB.508799.170	3-methylcrotonoyl-CoA carboxylase beta subunit, putative	-0,0606	0,5673
TcCLB.511923.30	trans-sialidase, Group V, putative	-0,06067	0,8281
TcCLB.506885.320	hypothetical protein, conserved	-0,0607	0,6441
TcCLB.509749.33	ribosomal protein L29, putative	-0,06071	0,6407
TcCLB.506175.60	GTPase activator protein, putative	-0,06076	0,6839
TcCLB.503785.30	hypothetical protein, conserved	-0,06077	0,802
TcCLB.508243.23	mucin TcMUCII, putative	-0,06089	0,9134
TcCLB.506247.340	hypothetical protein, conserved	-0,06096	0,611
TcCLB.506205.10	hypothetical protein, conserved	-0,06101	0,6634
TcCLB.511621.250	hypothetical protein, conserved	-0,06114	0,7183
TcCLB.510175.110	trans-sialidase (pseudogene), putative	-0,06121	0,8179
TcCLB.508667.20	hypothetical protein	-0,06122	0,7712
TcCLB.507063.100	mitochondrial DNA polymerase beta-PAK, putative	-0,06132	0,65
TcCLB.507959.250	mucin TcMUCII, putative	-0,0614	0,9229
TcCLB.504131.80	hypothetical protein, conserved	-0,06145	0,7565
TcCLB.508707.280	hypothetical protein, conserved	-0,06151	0,7776
TcCLB.504057.60	hypothetical protein, conserved	-0,06163	0,6311
TcCLB.511283.180	hypothetical protein, conserved	-0,06189	0,5663
TcCLB.506961.35	trans-sialidase (pseudogene), putative	-0,06194	0,8252
TcCLB.508209.60	spliced leader RNA PSE-promoter transcription factor, puta	-0,06203	0,661
TcCLB.508355.370	hypothetical protein, conserved	-0,06203	0,7263
TcCLB.506599.280	mucin-associated surface protein (MASP, pseudogene), pu	-0,06213	0,9174
TcCLB.511751.130	small GTP-binding protein Rab28, putative	-0,06224	0,7393
TcCLB.503735.10	hypothetical protein, conserved	-0,06225	0,7853
TcCLB.507681.80	hypothetical protein	-0,06238	0,6341
TcCLB.506181.140	hypothetical protein	-0,06242	0,6792
TcCLB.511309.14	hypothetical protein, conserved	-0,06251	0,8391
TcCLB.509437.109	trans-sialidase (pseudogene), putative	-0,0626	0,8266
TcCLB.511321.70	hypothetical protein, conserved	-0,06261	0,6563
TcCLB.507063.70	trans-sialidase, Group II, putative	-0,06267	0,6884

TcCLB.511811.20	hypothetical protein, conserved	-0,06267	0,6916
TcCLB.511649.169	ATP-dependent DEAD/H RNA helicase, putative	-0,06269	0,6758
TcCLB.509791.40	hypothetical protein, conserved	-0,06288	0,5832
TcCLB.508305.20	mucin-associated surface protein (MASP), putative	-0,06289	0,8854
TcCLB.509169.10	hypothetical protein, conserved	-0,0629	0,6707
TcCLB.511019.26	trans-sialidase (pseudogene), putative	-0,06293	0,752
TcCLB.506753.180	hypothetical protein, conserved	-0,06294	0,7587
TcCLB.510149.140	Triple RNA binding domain protein 3 (TRRM3)	-0,06307	0,6314
TcCLB.508221.730	90 kDa surface protein, putative	-0,06318	0,9288
TcCLB.507805.9	histone deacetylase 4, putative	-0,0632	0,8362
TcCLB.511261.140	60S ribosomal protein L34, putative	-0,06327	0,5211
TcCLB.506217.30	hypothetical protein	-0,06328	0,8597
TcCLB.509419.160	mucin TcMUCII, putative	-0,06329	0,9441
TcCLB.508139.230	retrotransposon hot spot protein (RHS, pseudogene), putat	-0,06351	0,6835
TcCLB.509399.190	pumilio/PUF RNA binding protein 4, putative (PUF4)	-0,06361	0,783
TcCLB.507769.30	hypothetical protein, conserved	-0,06362	0,5692
TcCLB.511255.80	mucin-associated surface protein (MASP), putative	-0,06367	0,8577
TcCLB.507927.10	hypothetical protein, conserved	-0,06372	0,7666
TcCLB.506955.161	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	-0,06373	0,8945
TcCLB.508409.240	hypothetical protein, conserved	-0,06394	0,6343
TcCLB.511441.10	calpain cysteine peptidase, putative	-0,06398	0,717
TcCLB.510415.9	dispersed gene family protein 1 (DGF-1), putative (fragme	-0,06416	0,8455
TcCLB.507673.40	hypothetical protein, conserved	-0,06417	0,5824
TcCLB.422207.21	retrotransposon hot spot protein (RHS, pseudogene), putat	-0,06432	0,8805
TcCLB.508543.10	DNA polymerase sigma, putative	-0,06433	0,5845
TcCLB.503939.130	hypothetical protein, conserved	-0,06435	0,6104
TcCLB.504045.10	hypothetical protein, conserved	-0,06436	0,6271
TcCLB.506723.30	hypothetical protein	-0,06446	0,8382
TcCLB.509795.30	hypothetical protein, conserved	-0,06464	0,6431
TcCLB.507089.50	ATP-dependent DEAD/H RNA helicase, putative	-0,06471	0,6512
TcCLB.511585.80	mitochondrial-processing peptidase subunit beta, putative	-0,06472	0,6152
TcCLB.511861.130	trans-sialidase (pseudogene), putative	-0,06515	0,7639
TcCLB.510359.210	hypothetical protein, conserved	-0,0652	0,6663
TcCLB.510525.30	hypothetical protein, conserved	-0,06524	0,6178
TcCLB.511621.80	hypothetical protein	-0,06538	0,8104
TcCLB.503685.30	carnitine/choline acetyltransferase, putative	-0,06546	0,7413
TcCLB.508231.50	legume-like lectin, putative	-0,06547	0,6838
TcCLB.506945.70	protein mkt1, putative	-0,06552	0,4468
TcCLB.508297.20	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, pu	-0,06561	0,8462
TcCLB.508723.10	hypothetical protein, conserved	-0,06564	0,6734
TcCLB.509047.100	hypothetical protein, conserved	-0,06565	0,7343
TcCLB.507357.110	hypothetical protein, conserved (pseudogene)	-0,06573	0,9182
TcCLB.511849.15	mucin-associated surface protein (MASP, pseudogene), pu	-0,06579	0,6131
TcCLB.511737.30	hypothetical protein, conserved	-0,06598	0,6457
TcCLB.506673.10	hypothetical protein, conserved	-0,06601	0,7479

TcCLB.506131.140	mucin-associated surface protein (MASP), putative	-0,06604	0,8961
TcCLB.511277.630	serine/threonine protein phosphatase type 5, putative	-0,06605	0,6249
TcCLB.503805.40	hypothetical protein	-0,06612	0,6349
TcCLB.506957.80	hypothetical protein, conserved	-0,06614	0,5268
TcCLB.510729.20	hypothetical protein, conserved	-0,0663	0,6904
TcCLB.503777.19	phosphoribosylpyrophosphate synthetase, putative	-0,0663	0,7348
TcCLB.506885.30	hypothetical protein, conserved	-0,06635	0,7265
TcCLB.507641.120	ATP-dependent DEAD/H RNA helicase, putative	-0,06643	0,5746
TcCLB.511309.7	hypothetical protein	-0,06643	0,7921
TcCLB.506471.40	beta galactofuranosyl glycosyltransferase, putative	-0,06655	0,8658
TcCLB.507689.5	hypothetical protein, conserved (fragment)	-0,06663	0,8427
TcCLB.511391.60	trans-sialidase (pseudogene), putative	-0,06671	0,8728
TcCLB.506933.89	calmodulin, putative	-0,06678	0,738
TcCLB.508445.40	hypothetical protein, conserved	-0,06686	0,7455
TcCLB.506517.50	hypothetical protein, conserved	-0,0669	0,6939
TcCLB.509033.109	hypothetical protein, conserved	-0,06693	0,8125
TcCLB.511167.119	hypothetical protein, conserved (fragment)	-0,06698	0,61
TcCLB.511215.60	hypothetical protein, conserved	-0,06699	0,7341
TcCLB.511773.30	hypothetical protein	-0,06708	0,8115
TcCLB.503657.50	hypothetical protein, conserved	-0,06712	0,7126
TcCLB.508675.50	hypothetical protein, conserved	-0,06721	0,6037
TcCLB.507841.34	exosome-associated protein 4, putative	-0,06721	0,7537
TcCLB.509525.160	mucin-associated surface protein (MASP, pseudogene), pu	-0,06726	0,862
TcCLB.506763.350	hypothetical protein, conserved (pseudogene)	-0,0673	0,9312
TcCLB.511439.10	expression site-associated gene (ESAG-like) protein, putati	-0,06737	0,9249
TcCLB.509791.90	hypothetical protein, conserved	-0,06744	0,7173
TcCLB.506613.50	mucin-associated surface protein (MASP), putative	-0,06751	0,8018
TcCLB.504769.41	surface protease GP63 (pseudogene), putative	-0,06751	0,8237
TcCLB.503723.40	hypothetical protein, conserved	-0,06753	0,6622
TcCLB.511145.49	GPI transamidase component GAA1, putative	-0,06756	0,6266
TcCLB.511753.50	hypothetical protein, conserved	-0,06756	0,775
TcCLB.511577.90	pseudouridylate synthase-like protein, putative	-0,06759	0,6649
TcCLB.507739.30	hypothetical protein, conserved	-0,06765	0,5995
TcCLB.507939.14	hypothetical protein, conserved	-0,06778	0,7582
TcCLB.503971.5	hypothetical protein, conserved	-0,06784	0,8848
TcCLB.503453.30	60S ribosomal protein L30, putative	-0,06822	0,5318
TcCLB.506597.36	hypothetical protein, conserved (pseudogene)	-0,06829	0,9342
TcCLB.506181.50	60S ribosomal protein L18, putative	-0,0686	0,4572
TcCLB.505949.80	mucin-associated surface protein (MASP), putative	-0,06865	0,822
TcCLB.506413.10	CDP-DAG synthase, putative (fragment) (CDS)	-0,06871	0,7678
TcCLB.511923.120	dihydroorotate dehydrogenase, putative (DHODH)	-0,06882	0,7455
TcCLB.510805.60	surface protease GP63 (pseudogene), putative	-0,06884	0,9217
TcCLB.506425.40	hypothetical protein, conserved	-0,06885	0,3539
TcCLB.504431.30	Present in the outer mitochondrial membrane proteome 2!	-0,06887	0,6037
TcCLB.508919.50	hypothetical protein	-0,0689	0,6891

TcCLB.507071.294	surface protease GP63 (pseudogene), putative	-0,069	0,933
TcCLB.508837.34	dispersed gene family protein 1 (DGF-1), putative (fragme	-0,06902	0,7056
TcCLB.503555.50	hypothetical protein, conserved	-0,06903	0,7599
TcCLB.510021.20	mucin-associated surface protein (MASP), putative	-0,06912	0,8819
TcCLB.509551.64	small nuclear ribonucleoprotein Sm-F, putative	-0,06914	0,8132
TcCLB.508205.30	protein kinase, putative	-0,06928	0,598
TcCLB.507801.100	hypothetical protein, conserved	-0,06942	0,6172
TcCLB.509837.20	hypothetical protein, conserved	-0,06954	0,5309
TcCLB.505037.100	dispersed gene family protein 1 (DGF-1), putative	-0,06954	0,6102
TcCLB.511321.10	FG-GAP repeat protein, putative	-0,0696	0,5017
TcCLB.508601.40	hypothetical protein, conserved	-0,06962	0,7544
TcCLB.508179.50	hypothetical protein, conserved	-0,06964	0,6721
TcCLB.508607.50	trans-sialidase, Group II, putative	-0,06968	0,771
TcCLB.506971.30	trans-sialidase (pseudogene), putative	-0,06971	0,8656
TcCLB.503833.60	hypothetical protein, conserved	-0,06988	0,6629
TcCLB.507663.40	hypothetical protein, conserved	-0,07005	0,812
TcCLB.507787.130	hypothetical protein, conserved	-0,07011	0,605
TcCLB.510407.20	hypothetical protein, conserved	-0,07017	0,6095
TcCLB.506739.140	hypothetical protein, conserved	-0,07026	0,8092
TcCLB.445849.10	hypothetical protein, conserved	-0,07048	0,7194
TcCLB.509109.90	hypothetical protein, conserved	-0,07049	0,7671
TcCLB.509007.14	hypothetical protein, conserved	-0,0705	0,674
TcCLB.506797.120	hypothetical protein, conserved	-0,07053	0,5914
TcCLB.511245.190	hypothetical protein, conserved	-0,07053	0,7121
TcCLB.508207.45	hypothetical protein, conserved	-0,07054	0,6772
TcCLB.511283.194	hypothetical protein, conserved	-0,07069	0,6752
TcCLB.506887.90	hypothetical protein, conserved	-0,07074	0,5584
TcCLB.504021.40	hypothetical protein, conserved	-0,07082	0,59
TcCLB.511377.30	mucin-associated surface protein (MASP), putative	-0,07082	0,9081
TcCLB.508999.70	mucin-associated surface protein (MASP), putative	-0,07086	0,8346
TcCLB.399033.19	mitochondrial RNA binding protein 1	-0,07097	0,5891
TcCLB.504159.60	hypothetical protein, conserved	-0,07099	0,6715
TcCLB.507723.20	hypothetical protein	-0,07103	0,8597
TcCLB.503525.40	FAD dependent oxidoreductase, putative (POMP20)	-0,07106	0,5612
TcCLB.509805.70	hypothetical protein, conserved	-0,07109	0,5563
TcCLB.504867.50	hypothetical protein, conserved	-0,0711	0,5974
TcCLB.504109.189	hypothetical protein	-0,07112	0,8967
TcCLB.508539.50	hypothetical protein, conserved	-0,07113	0,6406
TcCLB.509897.51	hypothetical protein, conserved (pseudogene)	-0,07119	0,7391
TcCLB.509053.20	hypothetical protein, conserved	-0,07137	0,6158
TcCLB.506755.100	hypothetical protein, conserved	-0,07138	0,7319
TcCLB.511263.30	hypothetical protein, conserved	-0,07147	0,5511
TcCLB.505073.30	mu-adaptin 4, putative	-0,07152	0,71
TcCLB.505297.50	trans-sialidase (pseudogene), putative	-0,07155	0,5685
TcCLB.510669.30	hypothetical protein, conserved	-0,07158	0,6126

TcCLB.503823.10	phosphoglycerate mutase family member 5, putative	-0,07159	0,7846
TcCLB.508293.10	trans-sialidase (pseudogene), putative	-0,07168	0,8604
TcCLB.505171.109	Present in the outer mitochondrial membrane proteome 1	-0,07172	0,8296
TcCLB.509099.110	hypothetical protein, conserved	-0,07175	0,7972
TcCLB.511855.50	hypothetical protein, conserved	-0,07185	0,5314
TcCLB.511621.180	hypothetical protein, conserved	-0,07211	0,6403
TcCLB.510021.130	mucin-associated surface protein (MASP), putative	-0,07214	0,8049
TcCLB.509965.160	hypothetical protein, conserved	-0,07216	0,7235
TcCLB.508821.30	hypothetical protein	-0,07223	0,5192
TcCLB.506295.60	hypothetical protein, conserved	-0,07224	0,7678
TcCLB.506863.60	hypothetical protein, conserved	-0,07231	0,6604
TcCLB.510483.70	mucin-associated surface protein (MASP), putative	-0,07234	0,87
TcCLB.507083.80	hypothetical protein, conserved	-0,07238	0,7252
TcCLB.508257.120	hypothetical protein, conserved	-0,07247	0,6864
TcCLB.509521.70	hypothetical protein	-0,07251	0,9146
TcCLB.508693.50	amidinotransferase, putative	-0,07255	0,4309
TcCLB.510575.160	hypothetical protein	-0,07255	0,669
TcCLB.507229.20	dispersed gene family protein 1 (DGF-1, pseudogene), putative	-0,07257	0,7179
TcCLB.470687.9	hypothetical protein, conserved	-0,07276	0,7173
TcCLB.509315.20	trans-sialidase (pseudogene), putative	-0,07279	0,8858
TcCLB.508303.40	hypothetical protein, conserved	-0,07296	0,6873
TcCLB.510975.10	hypothetical protein, conserved (pseudogene)	-0,07297	0,8048
TcCLB.508723.90	hypothetical protein, conserved	-0,07298	0,6517
TcCLB.510821.40	hypothetical protein, conserved	-0,07301	0,596
TcCLB.504071.50	spliceosome-associated protein, putative	-0,07312	0,5996
TcCLB.506289.80	small GTP-binding protein Rab32, putative	-0,07325	0,6229
TcCLB.508893.40	hypothetical protein, conserved (fragment)	-0,07331	0,8474
TcCLB.511309.30	hydrolase, alpha/beta fold family, putative	-0,07332	0,6594
TcCLB.511589.80	hypothetical protein, conserved	-0,07336	0,6948
TcCLB.508175.260	inorganic polyphosphate/ATP-NAD kinase, putative	-0,07342	0,506
TcCLB.509099.89	hypothetical protein, conserved	-0,07344	0,6411
TcCLB.508213.30	hypothetical protein	-0,07355	0,6962
TcCLB.505999.80	hypothetical protein, conserved	-0,07359	0,7003
TcCLB.507011.180	hypothetical protein, conserved	-0,07363	0,589
TcCLB.508707.234	hypothetical protein, conserved	-0,07372	0,7118
TcCLB.506739.190	serine/threonine protein kinase, putative	-0,0738	0,571
TcCLB.507979.10	hypothetical protein, conserved	-0,07392	0,7187
TcCLB.509319.70	hypothetical protein, conserved	-0,07396	0,6835
TcCLB.511277.130	hypothetical protein, conserved	-0,07397	0,4931
TcCLB.510899.59	hypothetical protein, conserved	-0,07398	0,5454
TcCLB.506529.330	hypothetical protein, conserved	-0,07407	0,6902
TcCLB.508867.9	kinesin, putative (fragment)	-0,0742	0,8056
TcCLB.506765.50	mucin-associated surface protein (MASP), putative	-0,0742	0,8706
TcCLB.511527.9	hypothetical protein, conserved	-0,07421	0,7132
TcCLB.503673.27	8-oxoguanine DNA glycosylase (pseudogene), putative	-0,0743	0,8147



TcCLB.506321.230	hypothetical protein	-0,0743	0,8464
TcCLB.508909.250	hypothetical protein, conserved	-0,07432	0,6534
TcCLB.506859.30	hypothetical protein	-0,07434	0,5436
TcCLB.511287.100	hypothetical protein, conserved	-0,07436	0,6344
TcCLB.506723.41	beta galactofuranosyl glycosyltransferase (pseudogene), p	-0,0744	0,7154
TcCLB.506355.170	hypothetical protein, conserved	-0,07455	0,7088
TcCLB.511727.120	ethanolamine-phosphate cytidyltransferase (ECT)	-0,07456	0,4595
TcCLB.506789.190	hypothetical protein, conserved	-0,07465	0,6299
TcCLB.507887.30	hypothetical protein, conserved	-0,07466	0,7355
TcCLB.507957.304	surface protease GP63 (pseudogene), putative	-0,07478	0,9214
TcCLB.504021.120	hypothetical protein, conserved	-0,07495	0,6042
TcCLB.508283.10	dispersed gene family protein 1 (DGF-1), putative	-0,075	0,7881
TcCLB.503997.19	hypothetical protein, conserved	-0,07504	0,6752
TcCLB.510729.150	tubulin tyrosine ligase, putative	-0,07514	0,5571
TcCLB.506529.640	hypothetical protein, conserved	-0,07521	0,4867
TcCLB.507637.45	mucin-associated surface protein (MASP, pseudogene), pu	-0,07521	0,8963
TcCLB.510441.30	trans-sialidase (pseudogene), putative	-0,07533	0,6976
TcCLB.509141.10	hypothetical protein	-0,07539	0,4954
TcCLB.511289.14	mitogen-activated protein kinase kinase kinase, putative (C	-0,07548	0,5335
TcCLB.506363.110	RNA editing ligase, putative	-0,0755	0,6064
TcCLB.506587.30	hypothetical protein, conserved	-0,07554	0,5957
TcCLB.511013.3	ATP-dependent DEAD/H RNA helicase (pseudogene), putat	-0,07554	0,8933
TcCLB.507801.114	aldo-keto reductase (pseudogene), putative	-0,07562	0,7147
TcCLB.511735.50	hypothetical protein, conserved	-0,07572	0,6189
TcCLB.511179.140	hypothetical protein, conserved	-0,07594	0,5262
TcCLB.511925.60	hypothetical protein, conserved	-0,07602	0,6771
TcCLB.510583.30	mucin TcMUCII, putative	-0,07603	0,9371
TcCLB.507023.280	hypothetical protein, conserved	-0,07604	0,6696
TcCLB.503703.60	hypothetical protein	-0,07606	0,6453
TcCLB.511643.4	hypothetical protein, conserved	-0,07611	0,8452
TcCLB.510601.10	hypothetical protein, conserved	-0,07627	0,7873
TcCLB.508397.50	hypothetical protein, conserved	-0,07634	0,6222
TcCLB.509733.134	hypothetical protein, conserved	-0,07643	0,7562
TcCLB.510297.110	cAMP binding protein, putative	-0,0766	0,4042
TcCLB.508965.60	rac serine-threonine kinase, putative	-0,07667	0,5536
TcCLB.510723.20	hypothetical protein	-0,07667	0,5684
TcCLB.506389.50	hypothetical protein, conserved	-0,07673	0,5599
TcCLB.506975.49	f-actin capping protein beta subunit, putative	-0,07677	0,7032
TcCLB.508479.170	hypothetical protein, conserved	-0,07693	0,6121
TcCLB.511903.60	hypothetical protein, conserved	-0,07693	0,7465
TcCLB.511355.40	GUP1, putative	-0,07702	0,6086
TcCLB.511715.10	iron superoxide dismutase, putative	-0,07707	0,5993
TcCLB.503723.10	hypothetical protein, conserved	-0,07711	0,7112
TcCLB.506211.70	RNA-binding protein, putative	-0,07724	0,5806
TcCLB.510657.130	hypothetical protein, conserved	-0,07727	0,7066

TcCLB.431849.10	hypothetical protein, conserved	-0,07732	0,8107
TcCLB.510725.70	hypothetical protein, conserved	-0,07744	0,6006
TcCLB.507503.11	protein kinase (pseudogene), putative	-0,07745	0,5112
TcCLB.507611.30	glycine dehydrogenase (pseudogene), putative	-0,07745	0,845
TcCLB.511037.40	hypothetical protein, conserved	-0,07756	0,8307
TcCLB.507041.20	hypothetical protein, conserved	-0,07758	0,6086
TcCLB.506513.70	hypothetical protein	-0,0776	0,6299
TcCLB.510303.280	hypothetical protein	-0,07762	0,6281
TcCLB.510629.410	hypothetical protein, conserved	-0,07766	0,7617
TcCLB.506657.70	RNA editing 3' terminal uridylyl transferase 1, putative	-0,07768	0,388
TcCLB.507603.160	hypothetical protein, conserved	-0,07769	0,7173
TcCLB.506635.50	hypothetical protein	-0,07775	0,5327
TcCLB.422031.10	solanesyl-diphosphate synthase, putative	-0,07775	0,6584
TcCLB.506967.150	trans-sialidase (pseudogene), putative	-0,07778	0,8359
TcCLB.508067.10	hypothetical protein, conserved	-0,07784	0,3092
TcCLB.506885.260	hypothetical protein, conserved	-0,07786	0,4779
TcCLB.425435.10	trans-sialidase, putative (fragment)	-0,07795	0,8594
TcCLB.508897.10	GDP-mannose 4,6 dehydratase, putative	-0,07809	0,6873
TcCLB.509163.50	hypothetical protein	-0,07823	0,8466
TcCLB.508871.60	mucin-associated surface protein (MASP), putative	-0,07827	0,8837
TcCLB.511189.54	hypothetical protein	-0,0783	0,6796
TcCLB.511231.80	Nascent polypeptide-associated complex subunit beta, putative	-0,07833	0,6671
TcCLB.511109.120	beta-ketoacyl synthase family protein, putative	-0,07856	0,687
TcCLB.506767.209	syntaxin binding protein (pseudogene), putative	-0,0787	0,8892
TcCLB.504153.360	succinyl-coA:3-ketoacid-coenzyme A transferase, mitochondr	-0,07877	0,3433
TcCLB.509965.370	adenosine kinase, putative	-0,07887	0,4909
TcCLB.511415.50	retrotransposon hot spot protein (RHS, pseudogene), putative	-0,07894	0,7597
TcCLB.509379.10	dihydrolipoamide dehydrogenase, putative (GCVL-1)	-0,07896	0,6529
TcCLB.511231.50	aminomethyltransferase, mitochondrial, putative (GCV)	-0,079	0,5985
TcCLB.507077.9	hypothetical protein, conserved	-0,07904	0,633
TcCLB.510311.190	hypothetical protein, conserved	-0,07905	0,6
TcCLB.508277.260	actin-related protein 3, putative	-0,07911	0,5498
TcCLB.506267.80	mucin-associated surface protein (MASP), putative	-0,07915	0,8763
TcCLB.511173.270	mucin-associated surface protein (MASP), putative	-0,07922	0,7932
TcCLB.506871.140	cleavage and polyadenylation specificity factor, putative	-0,07928	0,3883
TcCLB.507941.130	hypothetical protein, conserved	-0,07937	0,7018
TcCLB.507491.140	hypothetical protein, conserved	-0,07938	0,6437
TcCLB.507723.150	hypothetical protein, conserved	-0,07941	0,641
TcCLB.508479.224	hypothetical protein, conserved	-0,07943	0,7284
TcCLB.510297.70	hypothetical protein	-0,07951	0,6516
TcCLB.440083.10	trans-sialidase, putative (fragment)	-0,07956	0,8191
TcCLB.510105.310	mucin-associated surface protein (MASP), putative	-0,07957	0,8642
TcCLB.511621.140	hypothetical protein, conserved	-0,07969	0,6443
TcCLB.510719.280	hypothetical protein, conserved	-0,07974	0,6092
TcCLB.509653.10	mucin-associated surface protein (MASP), putative	-0,07984	0,919

TcCLB.510821.60	ribonucleoprotein p18, mitochondrial precursor, putative	-0,08001	0,4258
TcCLB.506529.290	hypothetical protein, conserved	-0,08001	0,6553
TcCLB.470169.9	hypothetical protein, conserved	-0,08004	0,697
TcCLB.509805.170	hypothetical protein, conserved	-0,08006	0,4657
TcCLB.511521.40	hypothetical protein, conserved	-0,08007	0,6483
TcCLB.510531.50	hypothetical protein, conserved	-0,0801	0,5544
TcCLB.509429.290	hydroxyacylglutathione hydrolase, putative	-0,08012	0,6878
TcCLB.504181.20	40S ribosomal protein S23, putative	-0,08021	0,3294
TcCLB.506565.12	RNA-binding protein, putative	-0,08031	0,6346
TcCLB.511469.10	hypothetical protein, conserved	-0,08031	0,7307
TcCLB.509269.4	Tb-291 membrane associated protein, putative	-0,0804	0,5827
TcCLB.507669.150	glycosomal membrane protein, putative	-0,08041	0,7052
TcCLB.510447.10	dispersed gene family protein 1 (DGF-1), putative	-0,08041	0,922
TcCLB.506177.60	hypothetical protein	-0,08054	0,6116
TcCLB.506789.20	trans-sialidase, Group V, putative	-0,08056	0,873
TcCLB.506147.184	hypothetical protein, conserved	-0,08059	0,7219
TcCLB.507053.150	hypothetical protein, conserved	-0,08065	0,4801
TcCLB.508065.40	hypothetical protein, conserved	-0,08067	0,5827
TcCLB.506885.364	hypothetical protein, conserved	-0,08071	0,7032
TcCLB.504079.6	selenophosphate synthetase, putative	-0,08075	0,5307
TcCLB.511421.50	transmembrane protein, putative	-0,08079	0,4954
TcCLB.510697.80	mucin-associated surface protein (MASP), putative	-0,0808	0,7815
TcCLB.507611.320	hypothetical protein, conserved	-0,08084	0,6775
TcCLB.509145.19	hypothetical protein, conserved	-0,08095	0,701
TcCLB.505183.90	hypothetical protein, conserved	-0,08095	0,7511
TcCLB.506227.160	MOZ/SAS family acetyltransferase, putative	-0,08098	0,6104
TcCLB.508277.70	hypothetical protein, conserved	-0,08109	0,6017
TcCLB.507023.40	protein kinase, putative	-0,08118	0,4616
TcCLB.508141.70	Kinesin-13 4, putative (KIN13-4)	-0,0812	0,663
TcCLB.506605.80	hypothetical protein, conserved	-0,08134	0,5997
TcCLB.504933.30	hypothetical protein	-0,08145	0,3611
TcCLB.508641.140	hypothetical protein, conserved	-0,0815	0,7051
TcCLB.508805.136	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, pu	-0,08152	0,7888
TcCLB.503885.40	hypothetical protein, conserved	-0,08153	0,6304
TcCLB.510625.19	mucin-associated surface protein (MASP), putative	-0,0816	0,9126
TcCLB.506727.130	hypothetical protein, conserved	-0,08164	0,6736
TcCLB.511317.30	regulator of nonsense transcripts UPF1, putative	-0,0818	0,3546
TcCLB.509127.10	ATP-dependent Clp protease subunit, heat shock protein 7	-0,08181	0,5652
TcCLB.506439.9	myosin heavy chain, putative	-0,08191	0,5976
TcCLB.504185.40	hypothetical protein, conserved	-0,08194	0,6041
TcCLB.507895.10	trans-sialidase (pseudogene), putative	-0,08199	0,9101
TcCLB.506537.30	hypothetical protein, conserved (pseudogene)	-0,08211	0,5989
TcCLB.511165.30	hypothetical protein, conserved	-0,08211	0,7689
TcCLB.508247.60	hypothetical protein, conserved (pseudogene)	-0,08211	0,8431
TcCLB.506235.10	translation initiation factor IF-2, putative	-0,0822	0,3469

TcCLB.507775.20	hypothetical protein, conserved	-0,0822	0,632
TcCLB.508111.30	glutamate dehydrogenase, putative	-0,08221	0,4254
TcCLB.503859.45	mucin TcMUCII, putative	-0,08225	0,9007
TcCLB.508125.80	trans-sialidase (pseudogene), putative	-0,08256	0,8822
TcCLB.509925.40	trans-sialidase (pseudogene), putative	-0,0826	0,8174
TcCLB.506457.130	hypothetical protein, conserved	-0,08268	0,5601
TcCLB.414243.20	hypothetical protein, conserved	-0,08272	0,6546
TcCLB.509479.10	mucin TcMUCII, putative	-0,08272	0,8008
TcCLB.506173.190	dispersed gene family protein 1 (DGF-1), putative	-0,0828	0,802
TcCLB.508737.50	hypothetical protein, conserved	-0,0829	0,6823
TcCLB.509937.110	hypothetical protein, conserved	-0,08302	0,6087
TcCLB.507049.10	hypothetical protein, conserved	-0,08307	0,6383
TcCLB.510001.20	hypothetical protein, conserved	-0,08309	0,5005
TcCLB.503755.50	hypothetical protein, conserved	-0,08309	0,5562
TcCLB.507991.120	translation initiation factor IF-2, putative	-0,0831	0,5839
TcCLB.506585.80	hypothetical protein, conserved	-0,0831	0,634
TcCLB.510607.70	trans-sialidase (pseudogene), putative	-0,08311	0,7984
TcCLB.509263.10	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, pu	-0,08337	0,832
TcCLB.420533.9	dihydrofolate reductase-thymidylate synthase, putative (fr	-0,08338	0,7244
TcCLB.509989.10	phosphatidylinositol 3-kinase, putative	-0,08383	0,7184
TcCLB.509805.40	Multisite-specific tRNA:(cytosine-C(5))-methyltransferase,	-0,08389	0,5351
TcCLB.510635.60	hypothetical protein, conserved	-0,0839	0,6486
TcCLB.511001.150	hypothetical protein, conserved	-0,08396	0,6199
TcCLB.506607.19	phosphoribosylpyrophosphate synthetase, putative	-0,08402	0,6443
TcCLB.511577.70	hypothetical protein, conserved	-0,08405	0,5846
TcCLB.510743.100	chaperone DNAJ protein, putative	-0,08412	0,4607
TcCLB.504949.14	60S ribosomal protein L6, putative	-0,08414	0,4783
TcCLB.504883.10	protein kinase, putative	-0,08428	0,4455
TcCLB.507011.90	hypothetical protein, conserved	-0,08432	0,5067
TcCLB.510729.50	hypothetical protein, conserved	-0,08434	0,6734
TcCLB.509699.40	trans-sialidase, Group V, putative	-0,08441	0,8186
TcCLB.510143.40	UBX domain-containing protein	-0,08448	0,4883
TcCLB.510073.50	elongation factor 1-gamma (EF-1-gamma), putative	-0,08458	0,606
TcCLB.507093.330	hypothetical protein, conserved	-0,0846	0,7166
TcCLB.506305.10	hypothetical protein, conserved	-0,0847	0,4557
TcCLB.506811.220	hypothetical protein, conserved	-0,08476	0,4549
TcCLB.510879.20	ribosomal protein S19, putative	-0,08492	0,3394
TcCLB.507953.185	hypothetical protein, conserved (pseudogene)	-0,08499	0,8763
TcCLB.508153.970	AGC/RSK family serine/threonine kinase, putative	-0,08503	0,6624
TcCLB.511215.10	hypothetical protein, conserved	-0,08511	0,5612
TcCLB.508883.15	trans-sialidase (pseudogene), putative	-0,08511	0,9006
TcCLB.511001.130	hypothetical protein, conserved	-0,08513	0,3339
TcCLB.504427.90	ribosomal RNA methyltransferase, putative	-0,08521	0,6202
TcCLB.504101.40	trans-sialidase (pseudogene), putative	-0,08528	0,5901
TcCLB.507811.90	hypothetical protein, conserved	-0,08531	0,5318

TcCLB.507003.50	hypothetical protein, conserved	-0,08536	0,705
TcCLB.508461.290	4E-interacting protein, putative	-0,08537	0,534
TcCLB.507669.239	hypothetical protein, conserved	-0,08545	0,5921
TcCLB.506203.110	hypothetical protein, conserved	-0,0855	0,5622
TcCLB.511865.90	dynein heavy chain, putative	-0,08551	0,5612
TcCLB.506737.107	mucin-associated surface protein (MASP, pseudogene), pu	-0,08568	0,7161
TcCLB.504213.10	hypothetical protein, conserved	-0,08574	0,6943
TcCLB.509965.50	hypothetical protein, conserved	-0,08579	0,7386
TcCLB.511907.70	short chain dehydrogenase/reductase, putative	-0,0858	0,5524
TcCLB.510767.69	hypothetical protein, conserved	-0,08584	0,7077
TcCLB.506405.30	actin-like protein, putative	-0,08591	0,6522
TcCLB.506213.10	hypothetical protein, conserved	-0,08602	0,6289
TcCLB.511589.190	hypothetical protein, conserved	-0,08604	0,6793
TcCLB.506565.29	hypothetical protein, conserved	-0,08604	0,7051
TcCLB.509575.10	retrotransposon hot spot (RHS) protein, putative	-0,08609	0,5621
TcCLB.510533.60	hypothetical protein, conserved	-0,0861	0,6721
TcCLB.506507.10	N-acetylglucosamine-6-phosphate deacetylase-like proteir	-0,08613	0,4791
TcCLB.510257.139	transcription activator, putative	-0,08614	0,5839
TcCLB.508459.18	phosphatidylserine decarboxylase, putative	-0,08617	0,8273
TcCLB.510173.50	hypothetical protein, conserved	-0,08618	0,7168
TcCLB.507037.40	hypothetical protein, conserved (pseudogene)	-0,08625	0,4159
TcCLB.510903.40	hypothetical protein, conserved	-0,08625	0,6095
TcCLB.511303.24	hypothetical protein, conserved	-0,08625	0,6185
TcCLB.509891.20	hypothetical protein, conserved (pseudogene)	-0,0863	0,6276
TcCLB.504935.10	eukaryotic translation initiation factor 4E, putative	-0,08644	0,658
TcCLB.506159.30	dispersed gene family protein 1 (DGF-1), putative	-0,08644	0,7933
TcCLB.506529.440	hypothetical protein, conserved	-0,08646	0,5454
TcCLB.505999.120	hypothetical protein	-0,08655	0,6693
TcCLB.509965.140	hypothetical protein, conserved	-0,08687	0,5863
TcCLB.506503.90	kinesin, putative	-0,0869	0,6734
TcCLB.511349.20	trans-sialidase (pseudogene), putative	-0,08692	0,7037
TcCLB.507501.25	hypothetical protein, conserved (pseudogene)	-0,08706	0,8608
TcCLB.510755.138	serine/threonine protein phosphatase, putative	-0,08715	0,5905
TcCLB.509527.50	mucin TcMUCII (pseudogene), putative	-0,08718	0,8922
TcCLB.507603.80	hypothetical protein, conserved	-0,0872	0,5441
TcCLB.510297.20	hypothetical protein, conserved	-0,08731	0,4736
TcCLB.506835.120	DNA ligase I, putative	-0,08734	0,4561
TcCLB.506243.50	dispersed gene family protein 1 (DGF-1, pseudogene), puta	-0,08735	0,7425
TcCLB.508263.10	hypothetical protein	-0,08739	0,5549
TcCLB.436535.10	hypothetical protein, conserved	-0,08742	0,7093
TcCLB.508977.80	trans-sialidase, Group V, putative	-0,08756	0,7467
TcCLB.503899.139	hypothetical protein, conserved	-0,08762	0,3962
TcCLB.508207.180	Eukaryotic translation initiation factor 4E type 6, putative (	-0,08766	0,5302
TcCLB.509875.260	hypothetical protein, conserved	-0,08776	0,6729
TcCLB.506977.120	hypothetical protein, conserved	-0,08778	0,5621

TcCLB.507511.10	cleavage and polyadenylation specificity factor, putative	-0,08781	0,5119
TcCLB.511529.20	hypothetical protein, conserved	-0,08782	0,6375
TcCLB.507093.220	RNA-binding protein, putative	-0,08783	0,4693
TcCLB.511423.60	ribosomal RNA-processing protein 8, putative (RRP8)	-0,08795	0,5637
TcCLB.506957.140	phosphatidylinositol-4-phosphate 5-kinase-like, putative	-0,08796	0,4938
TcCLB.507625.110	chaperone DNAJ protein, putative	-0,08797	0,5156
TcCLB.510517.110	hypothetical protein	-0,08797	0,7555
TcCLB.509791.50	bilobe protein, conserved	-0,08801	0,5312
TcCLB.506279.250	trans-sialidase (pseudogene), putative	-0,08803	0,8285
TcCLB.510181.40	hypothetical protein, conserved	-0,08813	0,7542
TcCLB.510519.30	mitochondrial structure specific endonuclease I (SSE-1), pu	-0,08824	0,5449
TcCLB.508951.70	hypothetical protein, conserved	-0,0883	0,52
TcCLB.511851.61	mucin-associated surface protein (MASP, pseudogene), pu	-0,08844	0,8643
TcCLB.509161.70	Mg transporter, putative	-0,08849	0,5746
TcCLB.506435.450	hypothetical protein, conserved	-0,0885	0,5269
TcCLB.510145.30	hypothetical protein, conserved	-0,08863	0,5867
TcCLB.505807.120	lysyl-tRNA synthetase, putative	-0,08875	0,6111
TcCLB.506337.190	hypothetical protein, conserved	-0,08882	0,5443
TcCLB.506925.170	hypothetical protein, conserved	-0,08897	0,8762
TcCLB.508741.260	hypothetical protein, conserved	-0,08903	0,4657
TcCLB.503899.60	hypothetical protein, conserved	-0,08912	0,5772
TcCLB.503893.10	copper-transporting ATPase-like protein, putative	-0,08916	0,7747
TcCLB.506473.10	Pre-mRNA-splicing factor 38, putative	-0,08917	0,7112
TcCLB.508147.79	mucin TcMUCII, putative	-0,08922	0,895
TcCLB.503851.54	proteasome 26S non-ATPase subunit 9, putative	-0,08943	0,8247
TcCLB.503939.60	hypothetical protein, conserved	-0,08947	0,4976
TcCLB.507681.60	hypothetical protein, conserved	-0,08947	0,713
TcCLB.508693.84	hypothetical protein, conserved	-0,08949	0,6525
TcCLB.507389.70	peptidase, putative	-0,08968	0,3419
TcCLB.510301.10	fructose-bisphosphate aldolase, glycosomal, putative	-0,0899	0,4799
TcCLB.503487.10	DNA-directed RNA polymerase, mitochondrial (fragment)	-0,09001	0,6847
TcCLB.504129.20	hypothetical protein, conserved	-0,09017	0,3929
TcCLB.506817.50	ribosomal protein L27, putative	-0,0902	0,3862
TcCLB.503829.50	hypothetical protein, conserved	-0,09047	0,6292
TcCLB.507903.19	dispersed gene family protein 1 (DGF-1, pseudogene), puta	-0,09048	0,7791
TcCLB.504155.80	mucin-associated surface protein (MASP), putative	-0,09049	0,8729
TcCLB.506513.90	hypothetical protein, conserved	-0,09051	0,602
TcCLB.510755.60	ADP-ribosylation factor 1, putative (ARF1)	-0,09054	0,7106
TcCLB.504109.50	hypothetical protein, conserved	-0,09056	0,5655
TcCLB.509569.110	carrier protein, putative	-0,09058	0,5841
TcCLB.511911.21	hypothetical protein, conserved	-0,0906	0,8348
TcCLB.503899.100	hypothetical protein	-0,09069	0,5677
TcCLB.509585.10	dynein heavy chain, putative	-0,09082	0,3971
TcCLB.507649.50	hypothetical protein, conserved	-0,09085	0,3962
TcCLB.508089.71	hypothetical protein	-0,09086	0,7008

TcCLB.506465.20	hypothetical protein, conserved	-0,09092	0,6095
TcCLB.506869.50	calcineurin B subunit, putative (CNB)	-0,09095	0,674
TcCLB.511467.13	hypothetical protein, conserved	-0,09101	0,7212
TcCLB.506163.10	surface protease GP63, putative	-0,09123	0,5618
TcCLB.506757.30	hypothetical protein, conserved	-0,09124	0,4937
TcCLB.503719.10	hypothetical protein	-0,09137	0,4853
TcCLB.509767.240	hypothetical protein, conserved	-0,09137	0,6972
TcCLB.508351.60	hypothetical protein, conserved	-0,09146	0,4642
TcCLB.510325.45	hypothetical protein	-0,09154	0,5555
TcCLB.511711.70	hypothetical protein, conserved	-0,09155	0,6049
TcCLB.510737.70	60S ribosomal subunit protein L31, putative	-0,09164	0,6244
TcCLB.508293.111	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	-0,09166	0,8849
TcCLB.511629.10	hypothetical protein, conserved	-0,09183	0,5124
TcCLB.508817.160	Trichohyalin, putative	-0,09185	0,5183
TcCLB.506569.10	cysteine peptidase, Clan CA, family C19, putative	-0,09187	0,4971
TcCLB.509767.215	vesicle transport v-SNARE 11, putative	-0,09207	0,6589
TcCLB.510275.355	hypothetical protein	-0,09217	0,8744
TcCLB.509409.10	protein kinase, putative	-0,09222	0,5635
TcCLB.509629.20	DnaJ chaperone protein, putative	-0,0923	0,7041
TcCLB.510725.30	hypothetical protein, conserved	-0,09231	0,6394
TcCLB.510765.60	60S ribosomal protein L5, putative	-0,09232	0,2421
TcCLB.507939.40	hypothetical protein, conserved	-0,09232	0,6954
TcCLB.506367.170	hypothetical protein	-0,09235	0,4762
TcCLB.506107.10	hypothetical protein, conserved	-0,09236	0,4976
TcCLB.506795.60	hypothetical protein, conserved	-0,09241	0,4451
TcCLB.507883.109	mitochondrial malate dehydrogenase, putative	-0,09242	0,3004
TcCLB.418185.43	ATP-dependent DEAD/H RNA helicase (pseudogene), putat	-0,09243	0,7635
TcCLB.507801.144	hypothetical protein, conserved	-0,09247	0,6859
TcCLB.506335.80	hypothetical protein	-0,09258	0,8879
TcCLB.508209.20	hypothetical protein, conserved	-0,09261	0,6
TcCLB.507053.100	ubiquitin hydrolase, putative	-0,09264	0,3726
TcCLB.508415.40	ADP-ribosylation factor 1, putative (ARF1)	-0,09264	0,4217
TcCLB.509509.69	hypothetical protein, conserved	-0,09265	0,6282
TcCLB.504105.210	Translation factor GUF1, mitochondrial, putative (GUF1)	-0,09266	0,4343
TcCLB.505965.86	tRNA pseudouridine synthase (pseudogene), putative	-0,09268	0,4804
TcCLB.506289.50	hypothetical protein, conserved	-0,09273	0,4644
TcCLB.503539.10	hypothetical protein, conserved	-0,09274	0,6966
TcCLB.504119.10	eukaryotic translation initiation factor 5, putative	-0,09281	0,3719
TcCLB.509171.47	hypothetical protein, conserved	-0,09301	0,5509
TcCLB.506947.30	hypothetical protein, conserved	-0,09302	0,6818
TcCLB.507077.20	palmitoyl acyltransferase 4, putative	-0,09304	0,469
TcCLB.505297.10	dispersed gene family protein 1 (DGF-1, pseudogene), putative	-0,09304	0,8499
TcCLB.509717.34	hypothetical protein, conserved	-0,09307	0,6301
TcCLB.506351.80	oligopeptidase B-like protein, putative	-0,09308	0,4935
TcCLB.506587.80	hypothetical protein, conserved	-0,09311	0,5444

TcCLB.510359.600	mucin-associated surface protein (MASP), putative	-0,09316	0,8166
TcCLB.503901.18	hypothetical protein, conserved (fragment)	-0,09318	0,5331
TcCLB.511899.30	hypothetical protein, conserved	-0,09324	0,4877
TcCLB.509671.150	hypothetical protein, conserved	-0,09333	0,6325
TcCLB.509939.19	hypothetical protein, conserved	-0,09377	0,3997
TcCLB.506965.160	hypothetical protein	-0,09392	0,8614
TcCLB.506965.40	trans-sialidase (pseudogene), putative	-0,09409	0,808
TcCLB.504163.10	hypothetical protein, conserved	-0,09412	0,4253
TcCLB.508013.120	elongation factor 1-alpha (ef-1-alpha), putative	-0,09422	0,848
TcCLB.509563.40	hypothetical protein, conserved	-0,09444	0,5461
TcCLB.508723.20	hypothetical protein, conserved	-0,09448	0,5551
TcCLB.506269.40	mucin-associated surface protein (MASP), putative	-0,0945	0,8061
TcCLB.427091.10	solanesyl-diphosphate synthase, putative	-0,09453	0,6343
TcCLB.510887.40	hypothetical protein, conserved	-0,09454	0,6192
TcCLB.504427.100	hypothetical protein, conserved	-0,09457	0,6534
TcCLB.504741.124	hypothetical protein, conserved	-0,09457	0,7503
TcCLB.411427.10	hypothetical protein, conserved	-0,09458	0,781
TcCLB.510023.20	mucin TcMUCII, putative	-0,09459	0,8485
TcCLB.463955.20	mucin-associated surface protein (MASP), putative (fragm	-0,09481	0,9152
TcCLB.508413.68	kinetoplastid membrane protein KMP-11	-0,09487	0,5197
TcCLB.506925.319	isocitrate dehydrogenase, putative	-0,0949	0,6091
TcCLB.507381.20	trans-sialidase (pseudogene), putative	-0,0949	0,6663
TcCLB.440101.20	activated protein kinase C receptor (pseudogene), putative	-0,09491	0,7653
TcCLB.511445.140	hypothetical protein	-0,09496	0,5377
TcCLB.506925.400	hypothetical protein, conserved	-0,09499	0,4267
TcCLB.506713.20	hypothetical protein, conserved	-0,09508	0,5266
TcCLB.509111.10	hypothetical protein, conserved	-0,09509	0,5464
TcCLB.508817.30	hypothetical protein	-0,09511	0,5736
TcCLB.503529.20	hypothetical protein, conserved	-0,09533	0,4759
TcCLB.511421.60	deoxyhypusine synthase, putative	-0,09536	0,5702
TcCLB.416891.9	protein kinase, putative	-0,09539	0,6549
TcCLB.511907.40	hypothetical protein, conserved	-0,09548	0,6178
TcCLB.506355.50	chaperone DNAJ protein, putative	-0,09549	0,3516
TcCLB.508827.90	hypothetical protein, conserved	-0,09553	0,5974
TcCLB.511517.156	hypothetical protein, conserved	-0,09554	0,6125
TcCLB.507883.50	hypothetical protein, conserved	-0,09555	0,5952
TcCLB.509967.10	hypothetical protein, conserved	-0,09563	0,5741
TcCLB.509797.50	hypothetical protein, conserved	-0,0957	0,5909
TcCLB.511269.50	protein kinase A catalytic subunit, putative (PKAC3)	-0,09578	0,7118
TcCLB.509455.9	hypothetical protein, conserved	-0,09585	0,4832
TcCLB.506553.20	bromodomain factor 2 protein	-0,0959	0,4486
TcCLB.508277.50	presenilin-like aspartic peptidase, putative	-0,09601	0,4415
TcCLB.510241.10	hypothetical protein, conserved	-0,09605	0,4117
TcCLB.510969.30	hypothetical protein, conserved	-0,09613	0,727
TcCLB.509797.69	hypothetical protein, conserved (fragment)	-0,09621	0,5196



TcCLB.506297.180	beta-adaptin 1, putative	-0,09638	0,4269
TcCLB.508897.40	hypothetical protein, conserved	-0,09654	0,3358
TcCLB.510187.500	serine/threonine protein phosphatase 2B catalytic subunit	-0,09654	0,5287
TcCLB.507809.90	hypothetical protein, conserved	-0,0966	0,4486
TcCLB.506941.210	hypothetical protein, conserved	-0,09668	0,565
TcCLB.506359.30	hypothetical protein, conserved (pseudogene)	-0,0967	0,523
TcCLB.508413.76	kinetoplastid membrane protein KMP-11	-0,0967	0,5276
TcCLB.506333.19	kinesin, putative (fragment)	-0,09673	0,3908
TcCLB.509965.260	protein kinase, putative	-0,09677	0,5098
TcCLB.508899.30	hypothetical protein, conserved	-0,09679	0,5838
TcCLB.507945.30	pseudouridine synthase TruD, putative (fragment)	-0,0968	0,4824
TcCLB.506359.10	hypothetical protein, conserved	-0,09688	0,6555
TcCLB.507717.20	hypothetical protein	-0,09693	0,4134
TcCLB.509213.80	hypothetical protein, conserved	-0,09703	0,6165
TcCLB.507925.69	hypothetical protein, conserved	-0,09706	0,6734
TcCLB.509921.60	dispersed gene family protein 1 (DGF-1), putative	-0,09706	0,7545
TcCLB.505183.80	signal recognition particle, putative	-0,09724	0,3687
TcCLB.507071.277	syntaxin binding protein (pseudogene), putative	-0,09725	0,859
TcCLB.508147.90	mucin-associated surface protein (MASP, pseudogene), pu	-0,09731	0,782
TcCLB.511111.10	translation initiation factor IF-2, putative	-0,09734	0,2855
TcCLB.508879.80	hypothetical protein, conserved	-0,09734	0,5504
TcCLB.508337.10	hypothetical protein, conserved (fragment)	-0,09738	0,4469
TcCLB.506813.70	mucin-associated surface protein (MASP, pseudogene), pu	-0,09739	0,85
TcCLB.505169.10	polyubiquitin (pseudogene), putative	-0,09758	0,5254
TcCLB.509429.4	retrotransposon hot spot (RHS) protein, putative (fragment)	-0,09768	0,3774
TcCLB.510943.184	tyrosine phosphatase, putative	-0,09786	0,5323
TcCLB.507879.10	trans-sialidase, Group II, putative	-0,09786	0,5576
TcCLB.505025.100	mucin TcMUCII (pseudogene), putative	-0,09792	0,8507
TcCLB.510731.80	hypothetical protein, conserved	-0,09797	0,3916
TcCLB.510243.60	hypothetical protein	-0,09797	0,4937
TcCLB.506479.50	rRNA biogenesis protein, putative	-0,09798	0,4426
TcCLB.507831.110	pumilio/PUF RNA binding protein 2, putative (PUF2)	-0,09799	0,9021
TcCLB.509913.30	hypothetical protein, conserved	-0,09804	0,342
TcCLB.510517.20	hypothetical protein, conserved	-0,09807	0,6651
TcCLB.506559.260	ATP-dependent RNA helicase, putative	-0,09816	0,3478
TcCLB.503697.30	bilobe protein, conserved	-0,09817	0,4004
TcCLB.507681.240	hypothetical protein, conserved	-0,09817	0,4882
TcCLB.509769.4	Meckel syndrome type 1 protein, putative (fragment) (mks)	-0,09826	0,5064
TcCLB.503431.30	hypothetical protein	-0,09828	0,6534
TcCLB.506329.70	mucin TcMUCII, putative	-0,09833	0,8932
TcCLB.510351.110	hypothetical protein	-0,09842	0,5108
TcCLB.509757.40	hypothetical protein, conserved	-0,0985	0,6842
TcCLB.503891.90	hypothetical protein	-0,09851	0,6136
TcCLB.508325.110	hypothetical protein, conserved	-0,09862	0,7294
TcCLB.411915.10	glycine dehydrogenase [decarboxylating] (pseudogene), pu	-0,09862	0,8195

TcCLB.509891.10	hypothetical protein, conserved	-0,09877	0,6167
TcCLB.504105.40	hypothetical protein, conserved	-0,09882	0,3734
TcCLB.508537.10	glyceraldehyde 3-phosphate dehydrogenase, cytosolic, puta	-0,09893	0,7858
TcCLB.507735.69	hypothetical protein, conserved	-0,0991	0,634
TcCLB.511165.60	DNA repair protein, putative	-0,09911	0,5956
TcCLB.509081.40	surface protease GP63 (pseudogene), putative	-0,0994	0,8517
TcCLB.508739.40	hypothetical protein, conserved	-0,09941	0,3442
TcCLB.511451.100	trans-sialidase (pseudogene), putative	-0,09944	0,777
TcCLB.510243.54	hypothetical protein, conserved	-0,09953	0,5524
TcCLB.506789.300	hypothetical protein, conserved	-0,09956	0,6657
TcCLB.474341.9	dynein heavy chain, putative	-0,09962	0,4596
TcCLB.504129.30	hypothetical protein, conserved	-0,09967	0,4978
TcCLB.511421.155	hypothetical protein, conserved	-0,09967	0,5417
TcCLB.504045.5	hypothetical protein, conserved (fragment)	-0,09996	0,791
TcCLB.510919.9	trans-sialidase, putative (fragment)	-0,09999	0,7872
TcCLB.508837.80	Flagellar Member 3 (FLAM3)	-0,1	0,4476
TcCLB.509453.70	protein transport protein Sec24C, putative	-0,1001	0,316
TcCLB.510533.40	Mu-adaptin 1, putative	-0,1001	0,4277
TcCLB.507083.60	COP9 signalosome complex subunit 5, putative	-0,1001	0,6828
TcCLB.504109.195	N-acetyltransferase complex ARD1 subunit (pseudogene),	-0,1001	0,8343
TcCLB.509317.109	hypothetical protein, conserved (fragment)	-0,1002	0,5243
TcCLB.503977.70	mucin-associated surface protein (MASP, pseudogene), pu	-0,1002	0,8104
TcCLB.509059.40	hypothetical protein, conserved	-0,1003	0,3797
TcCLB.509029.170	palmitoyl acyltransferase 5, putative	-0,1003	0,5017
TcCLB.507563.9	dispersed gene family protein 1 (DGF-1), putative (fragme	-0,1003	0,5844
TcCLB.509791.10	hypothetical protein, conserved	-0,1003	0,7267
TcCLB.508175.350	zinc finger protein family member, putative (POMP35)	-0,1004	0,4961
TcCLB.504741.70	hypothetical protein, conserved	-0,1004	0,4966
TcCLB.508355.270	hypothetical protein	-0,1004	0,4974
TcCLB.510697.50	trans-sialidase, Group VI, putative	-0,1004	0,8024
TcCLB.511751.60	hypothetical protein, conserved	-0,1006	0,3857
TcCLB.509695.70	hypothetical protein, conserved	-0,1006	0,4502
TcCLB.503847.70	hypothetical protein, conserved	-0,1006	0,4597
TcCLB.506475.113	hypothetical protein, conserved	-0,1007	0,5011
TcCLB.504313.40	hypothetical protein, conserved (pseudogene)	-0,1007	0,5528
TcCLB.506221.20	hypothetical protein, conserved	-0,1007	0,6202
TcCLB.506795.100	hypothetical protein	-0,1007	0,8146
TcCLB.511233.7	60S ribosomal protein L10a, putative	-0,1008	0,3628
TcCLB.506821.130	hypothetical protein, conserved	-0,1008	0,4009
TcCLB.504017.30	hypothetical protein, conserved	-0,1008	0,4462
TcCLB.509717.30	hypothetical protein, conserved	-0,1008	0,4704
TcCLB.510741.60	hypothetical protein, conserved	-0,1008	0,519
TcCLB.509247.60	hypothetical protein, conserved (pseudogene)	-0,1008	0,5403
TcCLB.508827.30	eukaryotic translation initiation factor, putative	-0,1009	0,3173
TcCLB.506155.50	vacuolar protein sorting-associated protein-like, putative	-0,1009	0,5356

TcCLB.506289.20	hypothetical protein, conserved	-0,1009	0,5616
TcCLB.510659.4	hypothetical protein, conserved	-0,101	0,6541
TcCLB.506963.14	40S ribosomal protein S27, putative	-0,1012	0,363
TcCLB.510747.40	surface protease GP63, putative	-0,1012	0,6616
TcCLB.510023.10	hypothetical protein, conserved (pseudogene)	-0,1012	0,8705
TcCLB.511463.10	rRNA dimethyltransferase, putative	-0,1015	0,5489
TcCLB.511755.119	hypothetical protein, conserved (fragment)	-0,1016	0,3122
TcCLB.505999.10	phosphate-repressible phosphate permease, putative	-0,1017	0,4639
TcCLB.508917.10	protein kinase, putative	-0,1017	0,4699
TcCLB.510445.20	chromosomal passenger protein, putative (CPC1)	-0,1017	0,4976
TcCLB.508979.80	hypothetical protein, conserved	-0,1017	0,5804
TcCLB.506529.340	Protein kinase domain, putative	-0,1017	0,6127
TcCLB.506177.110	hypothetical protein, conserved	-0,1018	0,6785
TcCLB.508971.30	lysyl-tRNA synthetase, putative	-0,102	0,2088
TcCLB.507073.40	hypothetical protein, conserved	-0,102	0,2994
TcCLB.506637.30	hypothetical protein, conserved	-0,102	0,3807
TcCLB.506839.34	oxidoreductase, putative	-0,102	0,7121
TcCLB.510629.440	hypothetical protein, conserved	-0,1021	0,2923
TcCLB.511811.10	40S ribosomal protein S15, putative	-0,1021	0,7411
TcCLB.504031.35	mucin TcMUCII (pseudogene), putative	-0,1022	0,8707
TcCLB.508949.20	hypothetical protein, conserved	-0,1023	0,7263
TcCLB.508779.20	hypothetical protein, conserved	-0,1024	0,4661
TcCLB.510329.320	hypothetical protein, conserved	-0,1026	0,6031
TcCLB.511237.100	hypothetical protein, conserved	-0,1027	0,4742
TcCLB.511297.20	anaphase promoting complex subunit 10, putative	-0,1027	0,6486
TcCLB.504239.110	mucin-associated surface protein (MASP), putative	-0,1027	0,8604
TcCLB.506767.371	hypothetical protein, conserved (pseudogene)	-0,1027	0,8991
TcCLB.503897.70	hypothetical protein, conserved	-0,1028	0,5354
TcCLB.507963.50	nuclear cap binding complex subunit CBP30, putative (CBP3)	-0,1028	0,5476
TcCLB.504141.9	calcium-translocating P-type ATPase, putative	-0,1028	0,6006
TcCLB.506885.330	hypothetical protein, conserved	-0,103	0,3729
TcCLB.506479.90	hypothetical protein, conserved	-0,103	0,5214
TcCLB.511737.70	hypothetical protein, conserved	-0,103	0,5892
TcCLB.506585.100	hypothetical protein	-0,103	0,7486
TcCLB.510281.10	hypothetical protein	-0,1031	0,8705
TcCLB.444331.10	mucin-associated surface protein (MASP), putative	-0,1031	0,8869
TcCLB.506009.70	hypothetical protein	-0,1032	0,5744
TcCLB.510187.470	hypothetical protein	-0,1032	0,6721
TcCLB.509777.21	hypothetical protein	-0,1032	0,7186
TcCLB.510183.20	dipeptidyl-peptidase 8-like serine peptidase	-0,1033	0,3315
TcCLB.506675.99	trans-sialidase (pseudogene), putative	-0,1033	0,8252
TcCLB.503585.10	mucin-associated surface protein (MASP), putative	-0,1033	0,883
TcCLB.511063.140	trans-sialidase (pseudogene), putative	-0,1034	0,8656
TcCLB.511025.20	hypothetical protein, conserved	-0,1035	0,4801
TcCLB.503953.40	hypothetical protein, conserved	-0,1036	0,6573

TcCLB.506883.60	hypothetical protein, conserved	-0,1038	0,5198
TcCLB.504229.37	hypothetical protein	-0,1038	0,8123
TcCLB.510997.30	hypothetical protein, conserved	-0,1039	0,4048
TcCLB.511277.240	vacuolar ATP synthase subunit c, putative	-0,1039	0,4239
TcCLB.511039.39	hypothetical protein, conserved	-0,1039	0,5292
TcCLB.509497.9	hypothetical protein, conserved	-0,1039	0,5958
TcCLB.507047.110	otubain cysteine peptidase, Clan CA, family C65, putative	-0,104	0,4343
TcCLB.511507.39	intraflagellar transport (IFT) protein, putative (IFT20)	-0,104	0,6072
TcCLB.510451.21	trans-sialidase (pseudogene), putative	-0,104	0,8606
TcCLB.505169.21	phospholipid transporting ATPase-like protein (pseudogene)	-0,1041	0,809
TcCLB.511871.40	hypothetical protein, conserved	-0,1043	0,5671
TcCLB.506813.10	hypothetical protein	-0,1043	0,6903
TcCLB.507817.30	hypothetical protein, conserved	-0,1044	0,4781
TcCLB.507041.55	mucin-associated surface protein (MASP, pseudogene), pu	-0,1044	0,7972
TcCLB.509831.33	hypothetical protein, conserved	-0,1046	0,2722
TcCLB.503913.20	actin-related protein 3, putative	-0,1046	0,5053
TcCLB.506961.150	trans-sialidase, Group VIII, putative	-0,1046	0,5748
TcCLB.509611.60	hypothetical protein	-0,1047	0,6763
TcCLB.506297.330	40S ribosomal protein S15A, putative	-0,1048	0,2384
TcCLB.508089.60	hypothetical protein, conserved	-0,1048	0,5604
TcCLB.511281.53	hypothetical protein	-0,105	0,8353
TcCLB.509163.105	ATP-dependent DEAD/H RNA helicase (pseudogene), putat	-0,105	0,8747
TcCLB.510659.70	protein kinase-like protein, putative	-0,1051	0,4665
TcCLB.508307.170	60S acidic ribosomal protein, putative	-0,1051	0,5395
TcCLB.510351.140	hypothetical protein, conserved	-0,1051	0,6371
TcCLB.511077.95	mucin TcMUCII (pseudogene), putative	-0,1051	0,9033
TcCLB.506999.110	hypothetical protein, conserved	-0,1052	0,3797
TcCLB.508891.10	dolichyl-P-Man:GDP-ManGlcNAc2-PP-dolichyl beta-1,4-ma	-0,1052	0,6187
TcCLB.504019.9	hypothetical protein, conserved	-0,1052	0,653
TcCLB.506717.4	hypothetical protein, conserved (fragment)	-0,1052	0,7116
TcCLB.508277.65	hypothetical protein, conserved	-0,1053	0,4795
TcCLB.509955.10	ubiquitin carboxyl-terminal hydrolase, putative (fragment)	-0,1053	0,6867
TcCLB.510167.37	trans-sialidase (pseudogene), putative	-0,1054	0,842
TcCLB.508181.20	6-phosphofructo-2-kinase 1	-0,1057	0,3336
TcCLB.509967.60	hypothetical protein, conserved	-0,1057	0,5372
TcCLB.507623.90	hypothetical protein, conserved	-0,1058	0,4034
TcCLB.507009.60	hypothetical protein, conserved	-0,1059	0,3338
TcCLB.503789.10	hypothetical protein	-0,106	0,6529
TcCLB.510315.40	Putative intraflagellar transport protein C3 (fragment) (PIF	-0,1061	0,4502
TcCLB.435519.10	DNA replication licensing factor MCM6, putative	-0,1062	0,6873
TcCLB.506763.340	mucin TcMUCII, putative	-0,1062	0,8592
TcCLB.510609.60	hypothetical protein, conserved	-0,1064	0,3342
TcCLB.507507.30	hypothetical protein, conserved	-0,1064	0,4637
TcCLB.508461.130	elongation factor 1-alpha (ef-1-alpha), putative	-0,1065	0,2939
TcCLB.510691.20	hypothetical protein, conserved	-0,1065	0,3947

TcCLB.510105.180	hypothetical protein, conserved	-0,1065	0,4437
TcCLB.508919.20	hypothetical protein, conserved	-0,1066	0,3518
TcCLB.506933.24	hypothetical protein, conserved	-0,1066	0,5116
TcCLB.508837.100	hypothetical protein, conserved	-0,1066	0,6158
TcCLB.424771.10	retrotransposon hot spot (RHS) protein, putative	-0,1068	0,7588
TcCLB.507017.110	hypothetical protein, conserved	-0,1069	0,4439
TcCLB.509827.4	retrotransposon hot spot (RHS) protein, putative	-0,1069	0,6657
TcCLB.450061.10	hypothetical protein, conserved	-0,107	0,4198
TcCLB.511247.9	hypothetical protein, conserved	-0,1072	0,8428
TcCLB.506925.330	hypothetical protein, conserved	-0,1073	0,2581
TcCLB.509455.60	hypothetical protein, conserved	-0,1074	0,4972
TcCLB.503783.34	mucin-associated surface protein (MASP, pseudogene), pu	-0,1074	0,7887
TcCLB.506303.171	hypothetical protein, conserved	-0,1074	0,8191
TcCLB.506167.30	hypothetical protein, conserved	-0,1075	0,5976
TcCLB.511517.153	SH3 domain protein, putative	-0,1076	0,3971
TcCLB.511421.100	Enkuring domain-containig protein	-0,1078	0,3503
TcCLB.510055.100	hypothetical protein, conserved	-0,1079	0,3536
TcCLB.504125.70	hypothetical protein, conserved	-0,1079	0,5487
TcCLB.510359.34	hypothetical protein, conserved	-0,1079	0,6022
TcCLB.507295.20	mucin-associated surface protein (MASP), putative	-0,1079	0,7609
TcCLB.510807.30	hypothetical protein	-0,1079	0,7773
TcCLB.506213.40	hypothetical protein, conserved	-0,108	0,2584
TcCLB.511859.20	hypothetical protein, conserved	-0,108	0,5255
TcCLB.503729.19	hypothetical protein (fragment)	-0,108	0,5558
TcCLB.506755.130	hypothetical protein, conserved	-0,1081	0,6806
TcCLB.509055.30	hypothetical protein, conserved	-0,1082	0,4689
TcCLB.507923.20	U3 small nuclear ribonucleoprotein (snRNP), putative	-0,1083	0,2595
TcCLB.510259.24	hypothetical protein, conserved	-0,1083	0,5817
TcCLB.507775.10	hypothetical protein, conserved	-0,1084	0,523
TcCLB.506839.89	mitochondrial chaperone BCS1, putative (fragment)	-0,1084	0,6443
TcCLB.506271.10	ATP-dependent DEAD/H RNA helicase (pseudogene), putat	-0,1084	0,7171
TcCLB.509813.10	hypothetical protein (pseudogene)	-0,1085	0,821
TcCLB.510517.70	hypothetical protein, conserved	-0,1086	0,3055
TcCLB.510241.20	hypothetical protein, conserved	-0,1086	0,3758
TcCLB.510121.9	hypothetical protein, conserved	-0,1086	0,6875
TcCLB.504179.40	hypothetical protein, conserved	-0,1088	0,3305
TcCLB.506989.100	Triple RNA binding domain protein 3	-0,1088	0,4577
TcCLB.511923.49	mucin-associated surface protein (MASP, pseudogene), pu	-0,1088	0,9196
TcCLB.511545.170	hypothetical protein, conserved	-0,1089	0,5478
TcCLB.507023.190	DNA-J protein, putative	-0,1089	0,561
TcCLB.510329.350	hypothetical protein, conserved	-0,1092	0,4688
TcCLB.509251.20	trans-sialidase, Group V, putative	-0,1092	0,6965
TcCLB.506201.20	60S ribosomal protein L13a, putative	-0,1093	0,2991
TcCLB.510231.29	multidrug resistance-associated protein, putative	-0,1094	0,4297
TcCLB.506265.10	hypothetical protein, conserved	-0,1094	0,5727

TcCLB.503777.10	suppressive immunomodulating factor, putative (TSIF)	-0,1095	0,3768
TcCLB.510339.50	spermidine synthase, putative	-0,1095	0,4309
TcCLB.511075.60	protein kinase, putative	-0,1097	0,5507
TcCLB.510623.50	mucin-associated surface protein (MASP, pseudogene), pu	-0,1099	0,7724
TcCLB.506769.4	mucin-associated surface protein (MASP, pseudogene), pu	-0,1099	0,8329
TcCLB.506007.20	RNA editing complex protein MP18, putative	-0,11	0,5015
TcCLB.507089.120	hypothetical protein, conserved	-0,11	0,6573
TcCLB.507159.30	hypothetical protein, conserved	-0,1101	0,342
TcCLB.510687.70	hypothetical protein, conserved	-0,1101	0,6097
TcCLB.508771.10	cysteine peptidase, Clan CA, family C51, putative	-0,1102	0,7847
TcCLB.510303.100	hypothetical protein, conserved	-0,1103	0,4563
TcCLB.510903.50	phosphonopyruvate decarboxylase, putative	-0,1103	0,4586
TcCLB.508777.150	hypothetical protein	-0,1103	0,4779
TcCLB.508207.135	hypothetical protein, conserved	-0,1104	0,4955
TcCLB.506813.220	trans-sialidase, Group V, putative	-0,1104	0,7922
TcCLB.503855.30	adenylosuccinate lyase, putative (ADSL)	-0,1105	0,3237
TcCLB.508689.20	hypothetical protein, conserved	-0,1105	0,3466
TcCLB.507001.140	hypothetical protein, conserved	-0,1105	0,483
TcCLB.509747.10	hypothetical protein, conserved	-0,1105	0,6414
TcCLB.508221.870	trans-sialidase, Group V, putative	-0,1105	0,7636
TcCLB.511649.80	myosin heavy chain, putative	-0,1106	0,3442
TcCLB.506127.110	eukaryotic peptide chain release factor subunit 1, putative	-0,1107	0,2874
TcCLB.511245.170	hypothetical protein, conserved	-0,1107	0,3284
TcCLB.511469.90	hypothetical protein	-0,1107	0,5925
TcCLB.504127.10	surface protease GP63 (pseudogene), putative	-0,1107	0,7579
TcCLB.510363.320	mucin-associated surface protein (MASP), putative	-0,1108	0,6266
TcCLB.507709.130	hypothetical protein, conserved	-0,1109	0,5557
TcCLB.506793.60	hypothetical protein, conserved	-0,111	0,4765
TcCLB.511171.90	mucin-associated surface protein (MASP), putative	-0,111	0,8812
TcCLB.504157.50	DnaJ chaperone protein, putative	-0,1111	0,4841
TcCLB.508227.20	mucin-associated surface protein (MASP), putative	-0,1111	0,7638
TcCLB.506203.129	DNA-directed RNA polymerase, mitochondrial (fragment)	-0,1112	0,2965
TcCLB.504103.109	hypothetical protein, conserved	-0,1112	0,5364
TcCLB.509051.60	ubiquitin-protein ligase, putative (fragment)	-0,1112	0,7383
TcCLB.503459.20	hypothetical protein, conserved	-0,1113	0,5029
TcCLB.509779.40	hypothetical protein, conserved	-0,1114	0,573
TcCLB.506855.310	hypothetical protein, conserved	-0,1115	0,2609
TcCLB.511869.9	dynein heavy chain, putative (fragment)	-0,1115	0,4339
TcCLB.504045.50	hypothetical protein	-0,1117	0,4478
TcCLB.509117.19	hypothetical protein, conserved	-0,1118	0,5008
TcCLB.508355.50	hypothetical protein, conserved	-0,1118	0,5649
TcCLB.508409.180	hypothetical protein, conserved	-0,1119	0,3001
TcCLB.509831.40	hypothetical protein, conserved	-0,1119	0,5386
TcCLB.510661.160	hypothetical protein, conserved	-0,1119	0,5444
TcCLB.507991.60	mismatch repair protein MLH1, putative	-0,112	0,4518

TcCLB.506885.300	hypothetical protein, conserved	-0,112	0,5962
TcCLB.510065.40	hypothetical protein, conserved	-0,1122	0,2479
TcCLB.511787.30	hypothetical protein, conserved (pseudogene)	-0,1122	0,721
TcCLB.508919.30	hypothetical protein, conserved	-0,1123	0,5352
TcCLB.511391.100	hypothetical protein, conserved	-0,1123	0,5735
TcCLB.510323.30	60S ribosomal protein L13, putative	-0,1124	0,2148
TcCLB.506885.110	hypothetical protein, conserved	-0,1125	0,2264
TcCLB.509937.140	hypothetical protein, conserved	-0,1125	0,5014
TcCLB.506741.60	mucin-associated surface protein (MASP), putative	-0,1125	0,8175
TcCLB.508027.60	hypothetical protein	-0,1126	0,3464
TcCLB.509437.50	AAA ATPase, putative	-0,1127	0,3906
TcCLB.509901.110	hypothetical protein, conserved	-0,1127	0,5759
TcCLB.506489.30	hypothetical protein, conserved	-0,1129	0,3582
TcCLB.510325.10	ubiquitin hydrolase, putative	-0,1129	0,4562
TcCLB.511277.270	tubulin cofactor C domain-containing protein RP2, putative	-0,113	0,3332
TcCLB.509233.40	hypothetical protein, conserved	-0,113	0,5369
TcCLB.505071.50	hypothetical protein, conserved	-0,113	0,5966
TcCLB.508641.210	hypothetical protein, conserved	-0,1132	0,5926
TcCLB.510175.10	retrotransposon hot spot protein (RHS, pseudogene), putat	-0,1132	0,703
TcCLB.506997.9	dispersed gene family protein 1 (DGF-1), putative	-0,1132	0,7788
TcCLB.506397.10	trans-sialidase, Group II, putative	-0,1132	0,9522
TcCLB.508319.30	hypothetical protein, conserved	-0,1133	0,1908
TcCLB.507213.20	protein kinase, putative	-0,1134	0,4986
TcCLB.507505.20	DnaJ chaperone protein (pseudogene), putative	-0,1135	0,4604
TcCLB.511229.39	hypothetical protein, conserved	-0,1136	0,6525
TcCLB.508605.40	retrotransposon hot spot protein (RHS, pseudogene), putat	-0,1137	0,6276
TcCLB.506457.110	hypothetical protein, conserved	-0,1138	0,4649
TcCLB.509379.29	hypothetical protein, conserved	-0,1138	0,6499
TcCLB.508355.330	hypothetical protein, conserved	-0,1139	0,2308
TcCLB.506203.30	SWI/SNF-related matrix-associated actin-dependent regul	-0,114	0,3165
TcCLB.511585.60	hypothetical protein, conserved	-0,114	0,5189
TcCLB.511031.30	hypothetical protein, conserved	-0,1141	0,5119
TcCLB.503759.59	hypothetical protein, conserved	-0,1141	0,5211
TcCLB.506477.30	tubulin-tyrosine ligase, putative	-0,1142	0,4345
TcCLB.510601.20	hypothetical protein, conserved	-0,1142	0,4763
TcCLB.506265.190	hypothetical protein, conserved	-0,1143	0,4765
TcCLB.504153.10	hypothetical protein, conserved	-0,1143	0,6198
TcCLB.509937.120	hypothetical protein, conserved	-0,1143	0,664
TcCLB.509001.10	hypothetical protein, conserved	-0,1144	0,3718
TcCLB.506467.20	hypothetical protein, conserved	-0,1144	0,3942
TcCLB.511143.12	hypothetical protein, conserved	-0,1146	0,3656
TcCLB.507305.11	casein kinase (pseudogene), putative	-0,1147	0,1448
TcCLB.511725.160	hypothetical protein, conserved	-0,1147	0,1926
TcCLB.510885.60	hypothetical protein, conserved	-0,1147	0,302
TcCLB.511909.70	hypothetical protein, conserved	-0,1147	0,5637

TcCLB.511761.50	sodium/hydrogen exchanger, putative (FTP)	-0,1148	0,4366
TcCLB.440099.10	hypothetical protein	-0,1148	0,5276
TcCLB.511865.50	hypothetical protein, conserved	-0,1148	0,5692
TcCLB.506767.70	mucin-associated surface protein (MASP), putative	-0,115	0,7884
TcCLB.510431.210	vesicular protein trafficking mediator, putative	-0,1151	0,4549
TcCLB.503899.30	40S ribosomal protein S16, putative	-0,1151	0,5901
TcCLB.511109.60	hypothetical protein, conserved	-0,1152	0,2984
TcCLB.506833.40	hypothetical protein	-0,1154	0,4569
TcCLB.509695.170	60S ribosomal protein L9, putative	-0,1155	0,09336
TcCLB.503449.20	copper homeostasis protein, putative	-0,1155	0,4642
TcCLB.507095.20	hypothetical protein	-0,1155	0,8085
TcCLB.510647.40	syntaxin, putative	-0,1156	0,4493
TcCLB.503993.10	trans-sialidase, Group I, putative	-0,1157	0,5312
TcCLB.508539.71	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	-0,1157	0,7556
TcCLB.507023.140	hypothetical protein	-0,1158	0,5562
TcCLB.509965.110	importin alpha, putative	-0,1159	0,2221
TcCLB.510327.10	hypothetical protein	-0,1159	0,7934
TcCLB.511847.60	mitochondrial DNA polymerase I protein B, putative (POLIE	-0,116	0,2934
TcCLB.506561.14	hypothetical protein, conserved	-0,116	0,5985
TcCLB.510021.160	90 kDa surface protein, putative	-0,116	0,7894
TcCLB.506563.160	hypothetical protein, conserved	-0,1162	0,3034
TcCLB.509081.166	trans-sialidase, putative (fragment)	-0,1163	0,8322
TcCLB.506211.230	hypothetical protein, conserved	-0,1164	0,4428
TcCLB.509583.4	60S ribosomal protein L44, putative	-0,1165	0,2184
TcCLB.508277.190	ERAD-associated E3 ubiquitin-protein ligase HRD1, putativ	-0,1165	0,2583
TcCLB.507839.40	trans-sialidase, Group II, putative	-0,1166	0,5528
TcCLB.510967.10	GPI inositol deacylase precursor, putative	-0,1166	0,5957
TcCLB.506775.70	hypothetical protein, conserved	-0,1167	0,4234
TcCLB.442801.10	mucin TcMUCII, putative	-0,1167	0,8439
TcCLB.506835.99	hypothetical protein, conserved	-0,1168	0,1856
TcCLB.507049.20	hypothetical protein	-0,1168	0,5223
TcCLB.508307.50	hypothetical protein, conserved	-0,1169	0,385
TcCLB.508139.10	retrotransposon hot spot (RHS) protein, putative	-0,1171	0,6187
TcCLB.509671.168	hypothetical protein, conserved	-0,1171	0,6311
TcCLB.510197.80	hypothetical protein, conserved	-0,1172	0,687
TcCLB.506741.135	mucin TcMUCII (pseudogene), putative	-0,1173	0,809
TcCLB.428403.5	hypothetical protein, conserved	-0,1174	0,5155
TcCLB.511533.10	hypothetical protein, conserved	-0,1175	0,4382
TcCLB.508579.10	hypothetical protein, conserved	-0,1176	0,5556
TcCLB.506531.30	hypothetical protein, conserved	-0,1177	0,4806
TcCLB.506911.20	mucin-associated surface protein (MASP), putative	-0,1177	0,6322
TcCLB.507611.40	protein kinase, putative	-0,1178	0,845
TcCLB.508029.30	ATP dependent DEAD-box helicase, putative (RH)	-0,118	0,2902
TcCLB.506715.50	SNARE domain-containing protein, putative (SNARE2.2)	-0,118	0,4482
TcCLB.507709.80	hypothetical protein, conserved	-0,118	0,4809



TcCLB.511923.100	trans-sialidase (pseudogene), putative	-0,118	0,6438
TcCLB.507519.90	hypothetical protein, conserved	-0,1181	0,5216
TcCLB.510823.40	hypothetical protein, conserved	-0,1182	0,2772
TcCLB.511001.100	SNF-7-like protein, putative	-0,1182	0,4016
TcCLB.508323.80	aquaporin, putative	-0,1182	0,5343
TcCLB.507539.49	hypothetical protein, conserved	-0,1183	0,6992
TcCLB.508629.10	dispersed gene family protein 1 (DGF-1), putative	-0,1184	0,4976
TcCLB.506989.130	hypothetical protein, conserved	-0,1185	0,2882
TcCLB.503839.19	hypothetical protein, conserved	-0,1185	0,4486
TcCLB.508937.10	dispersed gene family protein 1 (DGF-1, pseudogene), putative	-0,1185	0,7058
TcCLB.508221.750	trans-sialidase, Group V, putative	-0,1185	0,7582
TcCLB.510579.30	hypothetical protein, conserved	-0,1186	0,2443
TcCLB.507949.29	conserved protein, unknown function	-0,1188	0,5353
TcCLB.503785.20	hypothetical protein, conserved	-0,1188	0,5562
TcCLB.511871.4	dynein heavy chain, putative	-0,1188	0,6064
TcCLB.508809.50	hypothetical protein	-0,1188	0,7058
TcCLB.506503.150	histone H3 variant, putative	-0,1189	0,3586
TcCLB.508833.10	hypothetical protein	-0,1189	0,6443
TcCLB.511115.20	GTP-binding elongation factor Tu family, putative	-0,119	0,2768
TcCLB.509967.160	epsilon tubulin, putative	-0,119	0,3892
TcCLB.511025.120	CYC2-like cyclin, putative	-0,1192	0,3661
TcCLB.511001.210	hypothetical protein, conserved	-0,1192	0,4804
TcCLB.509875.180	hypothetical protein	-0,1192	0,545
TcCLB.508777.170	hypothetical protein, conserved	-0,1193	0,4817
TcCLB.506525.10	nuclear segregation protein, putative	-0,1194	0,124
TcCLB.508289.80	trans-sialidase (pseudogene), putative	-0,1194	0,8048
TcCLB.511173.200	hypothetical protein	-0,1194	0,8235
TcCLB.510315.30	hypothetical protein, conserved	-0,1196	0,5462
TcCLB.511751.250	hypothetical protein, conserved	-0,1197	0,5387
TcCLB.507077.50	hypothetical protein, conserved	-0,1197	0,5416
TcCLB.503893.140	hypothetical protein, conserved	-0,1198	0,4937
TcCLB.510421.240	diacylglycerol acyltransferase, putative	-0,1198	0,5243
TcCLB.442495.10	cyclic nucleotide-binding domain containing protein, putative	-0,1199	0,5277
TcCLB.510073.40	hypothetical protein, conserved	-0,1199	0,6851
TcCLB.510265.70	hypothetical protein, conserved	-0,12	0,2055
TcCLB.508909.80	hypothetical protein	-0,1201	0,5397
TcCLB.507523.60	mucin-associated surface protein (MASP), putative	-0,1201	0,833
TcCLB.511627.140	hypothetical protein, conserved	-0,1202	0,4662
TcCLB.511255.529	surface protease GP63 (pseudogene), putative	-0,1202	0,7545
TcCLB.508307.20	hypothetical protein, conserved	-0,1205	0,4903
TcCLB.511647.50	hypothetical protein, conserved	-0,1206	0,4618
TcCLB.511727.70	hypothetical protein, conserved	-0,1207	0,3342
TcCLB.510617.10	hypothetical protein, conserved	-0,1207	0,5621
TcCLB.506943.10	mitogen-activated protein kinase 5, putative	-0,1207	0,578
TcCLB.506599.35	hypothetical protein, conserved (pseudogene)	-0,1208	0,7949

TcCLB.510339.20	hypothetical protein	-0,1209	0,3784
TcCLB.508777.180	prefoldin subunit 2, putative	-0,1209	0,4343
TcCLB.510747.140	hypothetical protein, conserved	-0,1209	0,5169
TcCLB.507019.80	hypothetical protein, conserved	-0,121	0,1665
TcCLB.510885.140	hypothetical protein	-0,121	0,4862
TcCLB.511115.49	hypothetical protein, conserved	-0,121	0,7119
TcCLB.506503.110	DNA-directed RNA polymerases I and III subunit RPAC1, pu	-0,1211	0,4159
TcCLB.506577.40	hypothetical protein, conserved	-0,1211	0,4762
TcCLB.507017.80	hypothetical protein	-0,1211	0,5772
TcCLB.509527.70	mucin TcMUCII, putative	-0,1211	0,8239
TcCLB.510889.170	hypothetical protein, conserved	-0,1212	0,2132
TcCLB.509039.30	hypothetical protein, conserved	-0,1212	0,4065
TcCLB.510731.110	hypothetical protein, conserved	-0,1212	0,5282
TcCLB.511355.24	hypothetical protein, conserved	-0,1212	0,5558
TcCLB.511167.110	hypothetical protein, conserved	-0,1213	0,3881
TcCLB.506925.220	hypothetical protein, conserved	-0,1213	0,3882
TcCLB.507257.170	hypothetical protein, conserved	-0,1213	0,486
TcCLB.508193.20	retrotransposon hot spot protein (RHS, pseudogene), putat	-0,1214	0,239
TcCLB.506363.40	hypothetical protein, conserved	-0,1214	0,5156
TcCLB.506599.420	mucin-associated surface protein (MASP), putative	-0,1214	0,8341
TcCLB.507541.30	casein kinase, putative	-0,1215	0,1721
TcCLB.509877.20	hypothetical protein, conserved	-0,1217	0,3706
TcCLB.506263.40	hypothetical protein, conserved	-0,1217	0,4845
TcCLB.507775.40	hypothetical protein, conserved	-0,1217	0,5358
TcCLB.509237.40	hypothetical protein, conserved	-0,1217	0,5454
TcCLB.508977.31	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	-0,1218	0,767
TcCLB.505807.260	hypothetical protein, conserved	-0,1219	0,4263
TcCLB.508139.140	dispersed gene family protein 1 (DGF-1), putative	-0,1219	0,4896
TcCLB.511049.20	hypothetical protein, conserved	-0,122	0,4976
TcCLB.508283.60	retrotransposon hot spot protein (RHS, pseudogene), putat	-0,122	0,7397
TcCLB.510453.9	dispersed gene family protein 1 (DGF-1), putative	-0,122	0,7839
TcCLB.506761.19	mucin TcMUCII, putative	-0,1221	0,8432
TcCLB.503923.50	GPI transamidase subunit 16, putative (fragment) (GPI16)	-0,1222	0,382
TcCLB.507655.9	dispersed gene family protein 1 (DGF-1), putative	-0,1222	0,7349
TcCLB.508601.60	hypothetical protein, conserved	-0,1223	0,4685
TcCLB.503999.40	hypothetical protein, conserved	-0,1224	0,3197
TcCLB.504157.120	hypothetical protein, conserved	-0,1224	0,5793
TcCLB.510289.30	phosphatidylinositol-4-phosphate 5-kinase, putative	-0,1225	0,5001
TcCLB.510701.10	mucin-associated surface protein (MASP), putative	-0,1225	0,7625
TcCLB.503575.27	hypothetical protein, conserved	-0,1226	0,347
TcCLB.508897.90	hypothetical protein, conserved	-0,1226	0,3548
TcCLB.506763.110	trans-sialidase, Group VII, putative	-0,1226	0,8407
TcCLB.511731.20	hypothetical protein, conserved	-0,1227	0,3131
TcCLB.510529.10	hypothetical protein, conserved	-0,1227	0,5157
TcCLB.503655.20	dispersed gene family protein 1 (DGF-1), putative	-0,1228	0,4469

TcCLB.510355.97	retrotransposon hot spot protein (RHS, pseudogene), putat	-0,123	0,8427
TcCLB.506943.100	hypothetical protein, conserved	-0,1231	0,25
TcCLB.507677.60	hypothetical protein	-0,1231	0,3084
TcCLB.511423.40	TFIIH basal transcription factor subunit, putative (TSP1)	-0,1231	0,4542
TcCLB.504179.9	pre-mRNA splicing factor ATP-dependent RNA helicase, pu	-0,1231	0,578
TcCLB.507951.160	succinate dehydrogenase flavoprotein subunit	-0,1232	0,1385
TcCLB.506181.59	40S ribosomal protein S12, putative	-0,1232	0,1924
TcCLB.508647.140	DNA replication licensing factor MCM5, putative	-0,1232	0,2859
TcCLB.509965.400	hypothetical protein, conserved	-0,1232	0,3185
TcCLB.408799.10	hypothetical protein, conserved	-0,1233	0,5844
TcCLB.511735.60	superoxide dismutase, putative	-0,1234	0,4201
TcCLB.508831.70	U5 snRNP-specific 40 kDa protein, putative	-0,1235	0,4502
TcCLB.510835.50	hypothetical protein, conserved	-0,1235	0,5067
TcCLB.507209.40	cdc2-related kinase 9 (CRK9)	-0,1236	0,27
TcCLB.508851.140	hypothetical protein, conserved	-0,1236	0,4976
TcCLB.506537.250	hypothetical protein, conserved	-0,1236	0,629
TcCLB.511731.80	hypothetical protein, conserved	-0,1237	0,3878
TcCLB.510667.30	hypothetical protein, conserved	-0,1238	0,3118
TcCLB.508817.5	dynein heavy chain, putative	-0,1238	0,5453
TcCLB.510105.150	hypothetical protein, conserved	-0,1238	0,5918
TcCLB.510903.20	hypothetical protein, conserved	-0,1239	0,6181
TcCLB.510513.60	hypothetical protein, conserved	-0,124	0,5186
TcCLB.504017.60	hypothetical protein, conserved	-0,1241	0,4878
TcCLB.511529.110	hypothetical protein, conserved	-0,1241	0,5763
TcCLB.503441.5	trans-sialidase, putative (fragment)	-0,1242	0,7486
TcCLB.509937.220	protein kinase, putative	-0,1242	0,8305
TcCLB.511487.19	trans-sialidase (pseudogene), putative	-0,1244	0,264
TcCLB.510187.448	hypothetical protein, conserved	-0,1245	0,1784
TcCLB.510355.190	hypothetical protein	-0,1245	0,5256
TcCLB.504411.30	serine/threonine protein kinase, putative	-0,1245	0,6151
TcCLB.506127.160	hypothetical protein, conserved	-0,1246	0,3725
TcCLB.508153.164	hypothetical protein, conserved	-0,1247	0,4196
TcCLB.506223.130	hypothetical protein, conserved	-0,1247	0,4701
TcCLB.509233.70	Spastin, putative	-0,1248	0,302
TcCLB.506303.111	hypothetical protein, conserved	-0,1248	0,3098
TcCLB.504031.60	mucin-associated surface protein (MASP, pseudogene), pu	-0,1248	0,7773
TcCLB.506367.20	hypothetical protein, conserved	-0,1249	0,3169
TcCLB.507951.90	hypothetical protein, conserved	-0,1249	0,4324
TcCLB.506303.140	hypothetical protein, conserved	-0,125	0,3634
TcCLB.511261.130	hypothetical protein, conserved	-0,125	0,5148
TcCLB.506691.40	hypothetical protein, conserved	-0,1251	0,5087
TcCLB.510885.40	WD repeat and HMG-box DNA-binding protein, putative	-0,1252	0,2046
TcCLB.503447.60	beta galactofuranosyl glycosyltransferase, putative	-0,1252	0,8212
TcCLB.511585.100	hypothetical protein, conserved	-0,1253	0,5939
TcCLB.510377.500	trans-sialidase (pseudogene), putative	-0,1253	0,8343

TcCLB.505843.30	DNA repair protein Rad9, putative (Rad9)	-0,1254	0,2759
TcCLB.509429.150	hypothetical protein, conserved	-0,1254	0,3767
TcCLB.504351.41	ATP-dependent DEAD/H RNA helicase (pseudogene), putative	-0,1255	0,7773
TcCLB.509251.98	hypothetical protein, conserved (pseudogene)	-0,1257	0,7773
TcCLB.509809.30	hypothetical protein, conserved	-0,1258	0,2143
TcCLB.503697.60	nuclear cap binding complex subunit CBP110, putative (CBI)	-0,1258	0,2592
TcCLB.511217.160	hypothetical protein, conserved	-0,1258	0,3726
TcCLB.506755.10	hypothetical protein, conserved	-0,1258	0,451
TcCLB.508141.60	hypothetical protein, conserved	-0,1258	0,4802
TcCLB.511577.19	hypothetical protein, conserved	-0,1258	0,6047
TcCLB.506211.200	metallo-peptidase, Clan MG, Family M24	-0,1259	0,1771
TcCLB.509877.70	hypothetical protein, conserved	-0,1259	0,3611
TcCLB.504041.20	hypothetical protein, conserved	-0,1259	0,4545
TcCLB.509453.90	hypothetical protein, conserved	-0,1261	0,2698
TcCLB.510421.260	diacylglycerol acyltransferase, putative	-0,1262	0,4502
TcCLB.506199.30	hypothetical protein, conserved	-0,1262	0,5189
TcCLB.508815.179	dynein heavy chain, putative (fragment)	-0,1263	0,298
TcCLB.510989.20	hypothetical protein, conserved	-0,1263	0,3339
TcCLB.508153.150	hypothetical protein, conserved	-0,1264	0,382
TcCLB.509171.80	hypothetical protein, conserved	-0,1264	0,3986
TcCLB.506767.74	mucin TcMUCII (pseudogene), putative	-0,1264	0,8318
TcCLB.510293.30	Eukaryotic translation initiation factor 4E type 5, putative (	-0,1265	0,2983
TcCLB.504153.70	hypothetical protein, conserved	-0,1265	0,3079
TcCLB.503779.80	hypothetical protein, conserved (pseudogene)	-0,1265	0,3453
TcCLB.506529.324	hypothetical protein, conserved	-0,1265	0,5447
TcCLB.507007.34	hypothetical protein, conserved	-0,1266	0,3027
TcCLB.503987.50	hypothetical protein, conserved	-0,1267	0,4171
TcCLB.511587.90	trans-sialidase, Group VIII, putative	-0,1268	0,4442
TcCLB.509573.20	hypothetical protein, conserved	-0,1268	0,655
TcCLB.506941.260	hypothetical protein, conserved	-0,127	0,3913
TcCLB.506435.60	hypothetical protein, conserved	-0,127	0,4156
TcCLB.511721.10	hypothetical protein, conserved	-0,1271	0,3793
TcCLB.427789.30	NAD synthase, putative	-0,1271	0,49
TcCLB.510655.10	hypothetical protein, conserved	-0,1271	0,5148
TcCLB.511857.50	actin-like protein, putative	-0,1272	0,3615
TcCLB.507089.154	hypothetical protein, conserved	-0,1273	0,166
TcCLB.509827.20	hypothetical protein, conserved	-0,1273	0,5772
TcCLB.506175.90	hypothetical protein, conserved	-0,1274	0,361
TcCLB.469735.9	hypothetical protein, conserved	-0,1274	0,471
TcCLB.503671.20	hypothetical protein, conserved	-0,1275	0,5122
TcCLB.508479.450	hypothetical protein, conserved (pseudogene)	-0,1275	0,5555
TcCLB.398235.20	ubiquitin fusion degradation protein, putative	-0,1275	0,7922
TcCLB.511127.400	serine/threonine protein phosphatase, putative	-0,1276	0,3293
TcCLB.401469.20	pumilio/PUF RNA binding protein 7, putative (PUF7)	-0,1278	0,4826
TcCLB.511861.60	beta galactofuranosyl glycosyltransferase (pseudogene), putative	-0,1278	0,596

TcCLB.511585.30	hypothetical protein, conserved	-0,1279	0,2854
TcCLB.511621.110	hypothetical protein	-0,1279	0,366
TcCLB.508207.210	hypothetical protein, conserved	-0,1279	0,5167
TcCLB.511055.10	retrotransposon hot spot protein (RHS, pseudogene), putative	-0,128	0,2894
TcCLB.511417.90	phosphate-repressible phosphate permease, putative	-0,128	0,564
TcCLB.510431.80	hypothetical protein, conserved	-0,1282	0,1966
TcCLB.506925.470	heat shock protein DNAJ, putative	-0,1282	0,2986
TcCLB.511633.30	hypothetical protein, conserved	-0,1282	0,4595
TcCLB.510695.10	surface protease GP63 (pseudogene), putative	-0,1282	0,6446
TcCLB.506739.70	hypothetical protein, conserved	-0,1283	0,3269
TcCLB.509177.10	hypothetical protein, conserved	-0,1283	0,4753
TcCLB.508489.40	hypothetical protein, conserved	-0,1285	0,4183
TcCLB.507011.70	hypothetical protein	-0,1286	0,4384
TcCLB.506601.40	mucin-associated surface protein (MASP), putative	-0,1286	0,818
TcCLB.508179.10	DnaJ chaperone protein, putative	-0,1288	0,5517
TcCLB.505807.230	hypothetical protein	-0,1289	0,5963
TcCLB.506831.60	hypothetical protein, conserved	-0,129	0,3762
TcCLB.508033.20	hypothetical protein	-0,129	0,8458
TcCLB.468217.30	trans-sialidase, putative	-0,1291	0,661
TcCLB.508221.970	mucin-associated surface protein (MASP), putative	-0,1291	0,735
TcCLB.507809.14	protein kinase, putative	-0,1293	0,4034
TcCLB.511001.170	hypothetical protein, conserved	-0,1294	0,2101
TcCLB.509563.30	hypothetical protein, conserved	-0,1294	0,3199
TcCLB.510355.220	GDP-mannose transporter, putative	-0,1294	0,5814
TcCLB.505123.10	hypothetical protein, conserved	-0,1294	0,6346
TcCLB.508465.140	hypothetical protein, conserved	-0,1296	0,2187
TcCLB.506525.140	MEKK-related kinase 1, putative (MRK1)	-0,1296	0,303
TcCLB.511367.320	hypothetical protein, conserved	-0,1296	0,3506
TcCLB.506619.40	tyrosyl-DNA Phosphodiesterase (Tdp1), putative	-0,1296	0,3762
TcCLB.509005.30	hypothetical protein, conserved	-0,1297	0,3754
TcCLB.507089.220	hypothetical protein, conserved	-0,1298	0,4169
TcCLB.510239.60	mucin TcMUCII, putative	-0,1299	0,8397
TcCLB.506195.250	hypothetical protein, conserved	-0,1301	0,2577
TcCLB.508347.70	Engulfment and cell motility domain-containing protein (P)	-0,1301	0,3812
TcCLB.510917.9	mucin-associated surface protein (MASP), putative	-0,1301	0,7443
TcCLB.503891.100	20S proteasome subunit	-0,1302	0,3805
TcCLB.511183.280	mucin-associated surface protein (MASP), putative	-0,1302	0,7616
TcCLB.504007.20	trans-sialidase, Group V, putative	-0,1302	0,7708
TcCLB.510565.100	hypothetical protein, conserved	-0,1303	0,4901
TcCLB.508257.100	hypothetical protein, conserved	-0,1303	0,5438
TcCLB.509901.120	hypothetical protein, conserved	-0,1304	0,4888
TcCLB.509815.120	dispersed gene family protein 1 (DGF-1, pseudogene), putative	-0,1304	0,5421
TcCLB.510657.120	hypothetical protein, conserved	-0,1304	0,6509
TcCLB.507005.60	structural maintenance of chromosome (SMC) family protein	-0,1305	0,1537
TcCLB.511741.40	RNA-binding protein, putative	-0,1305	0,3725

TcCLB.511671.110	hypothetical protein, conserved	-0,1305	0,5576
TcCLB.509439.20	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, pu	-0,1306	0,7831
TcCLB.509525.90	mucin TcMUCII, putative	-0,1306	0,842
TcCLB.510355.210	hypothetical protein, conserved	-0,1307	0,2381
TcCLB.506321.210	mucin TcMUCII, putative	-0,1307	0,8207
TcCLB.508811.55	hypothetical protein	-0,1309	0,1517
TcCLB.508737.200	hypothetical protein, conserved	-0,1309	0,2294
TcCLB.511907.110	fatty acid transporter protein-like, putative	-0,1309	0,2403
TcCLB.503893.170	hypothetical protein, conserved	-0,1312	0,3116
TcCLB.507821.10	trans-sialidase, Group VI, putative	-0,1312	0,5617
TcCLB.507941.70	hypothetical protein, conserved	-0,1313	0,3077
TcCLB.506743.120	Elongator-like Protein 3a, putative	-0,1313	0,3723
TcCLB.510047.109	mucin TcMUCII, putative	-0,1313	0,7339
TcCLB.507047.180	hypothetical protein, conserved	-0,1314	0,5733
TcCLB.508451.5	mucin-associated surface protein (MASP, pseudogene), pu	-0,1314	0,5829
TcCLB.510085.10	mucin-associated surface protein (MASP, pseudogene), pu	-0,1315	0,7754
TcCLB.508739.80	hypothetical protein, conserved	-0,1316	0,1785
TcCLB.504257.20	hypothetical protein, conserved	-0,1317	0,2831
TcCLB.507087.20	hypothetical protein	-0,1317	0,3962
TcCLB.510329.360	hypothetical protein, conserved	-0,1317	0,4804
TcCLB.508939.30	mucin-associated surface protein (MASP), putative	-0,1317	0,7894
TcCLB.510517.80	hypothetical protein, conserved	-0,1318	0,6101
TcCLB.507583.4	hypothetical protein, conserved (fragment)	-0,1319	0,6276
TcCLB.509761.10	hypothetical protein, conserved	-0,132	0,1112
TcCLB.506701.29	hypothetical protein, conserved	-0,132	0,4896
TcCLB.427743.9	translation initiation factor eIF2B delta subunit, putative (f	-0,1323	0,6023
TcCLB.506893.90	hypothetical protein, conserved	-0,1324	0,605
TcCLB.511183.40	mucin-associated surface protein (MASP, pseudogene), pu	-0,1324	0,7952
TcCLB.505999.130	phosphatidylinositol-4-phosphate 5-kinase related	-0,1325	0,4929
TcCLB.431357.10	3,2-trans-enoyl-CoA isomerase, mitochondrial precursor, p	-0,1325	0,5918
TcCLB.506941.80	tubulin-tyrosine ligase-like protein, putative	-0,1326	0,356
TcCLB.509671.40	hypothetical protein, conserved	-0,1327	0,4633
TcCLB.510359.140	hypothetical protein, conserved	-0,1327	0,6094
TcCLB.510759.60	vesicle-associated membrane protein, putative	-0,1328	0,4459
TcCLB.503925.110	hypothetical protein, conserved	-0,1328	0,5452
TcCLB.508207.40	hypothetical protein, conserved	-0,1328	0,5879
TcCLB.504147.200	Regulatory particle triple-A ATPase subunit 6 (RPT6)	-0,1329	0,2801
TcCLB.507601.90	hypothetical protein, conserved	-0,1331	0,3092
TcCLB.508741.330	hypothetical protein, conserved	-0,1331	0,3157
TcCLB.510435.20	hypothetical protein, conserved	-0,1331	0,4365
TcCLB.506943.110	hypothetical protein	-0,1331	0,5546
TcCLB.508837.147	kinesin, putative	-0,1332	0,298
TcCLB.503981.50	hypothetical protein, conserved	-0,1332	0,4343
TcCLB.506567.100	hypothetical protein, conserved	-0,1334	0,3442
TcCLB.510087.20	hypothetical protein, conserved	-0,1334	0,4225

TcCLB.511903.134	hypothetical protein, conserved	-0,1334	0,5306
TcCLB.506943.30	hypothetical protein, conserved	-0,1335	0,2497
TcCLB.506475.14	phosphatidylinositol 3-kinase, putative	-0,1335	0,311
TcCLB.506755.210	hypothetical protein, conserved	-0,1335	0,4523
TcCLB.506729.30	hypothetical protein, conserved	-0,1336	0,5578
TcCLB.511787.20	trans-sialidase (pseudogene), putative	-0,1336	0,6933
TcCLB.508461.149	hypothetical protein, conserved	-0,1337	0,2706
TcCLB.511301.180	trans-sialidase (pseudogene), putative	-0,1337	0,392
TcCLB.436137.9	dispersed gene family protein 1 (DGF-1), putative (fragme	-0,1337	0,5064
TcCLB.506391.20	calmodulin, putative	-0,1339	0,4274
TcCLB.506247.70	nuclear pore complex protein (NUP155), putative	-0,134	0,09755
TcCLB.504227.10	hypothetical protein, conserved	-0,134	0,405
TcCLB.510943.140	DNA primase large subunit, putative (pril)	-0,1341	0,285
TcCLB.466965.10	trans-sialidase (pseudogene), putative	-0,1343	0,5121
TcCLB.510131.20	hypothetical protein, conserved	-0,1343	0,5905
TcCLB.507067.30	mucin-associated surface protein (MASP, pseudogene), pu	-0,1343	0,6399
TcCLB.507283.10	trans-sialidase, Group V, putative	-0,1344	0,3842
TcCLB.507601.30	hypothetical protein, conserved	-0,1344	0,5326
TcCLB.509695.90	intraflagellar transport protein 172, putative (IFT172)	-0,1345	0,2342
TcCLB.510099.100	hypothetical protein, conserved	-0,1345	0,24
TcCLB.506865.10	ARP2/3 complex subunit, putative	-0,1345	0,4502
TcCLB.506041.60	hypothetical protein, conserved	-0,1346	0,2491
TcCLB.511655.69	ubiquitin-activating enzyme-like protein	-0,1346	0,4033
TcCLB.477471.10	trans-sialidase (pseudogene), putative	-0,1346	0,4995
TcCLB.506929.60	ATP-dependent DEAD/H RNA helicase (pseudogene), putat	-0,1346	0,5219
TcCLB.507003.70	hypothetical protein, conserved	-0,1346	0,5364
TcCLB.507105.70	ABC transporter, putative	-0,1347	0,2888
TcCLB.503809.149	TATA binding protein (TBP)	-0,1348	0,3802
TcCLB.422921.20	50S ribosomal protein L17, putative	-0,1349	0,6156
TcCLB.506759.70	mucin TcMUCII, putative	-0,1349	0,8849
TcCLB.510143.80	RNA-binding protein, putative	-0,1351	0,2557
TcCLB.504159.100	hypothetical protein, conserved	-0,1351	0,5188
TcCLB.506181.110	hypothetical protein, conserved	-0,1351	0,632
TcCLB.506925.140	DNA repair protein, putative	-0,1352	0,2071
TcCLB.508445.99	pumilio/PUF RNA binding protein 7, putative (PUF7)	-0,1353	0,3715
TcCLB.508741.180	hypothetical protein, conserved	-0,1353	0,4182
TcCLB.508175.200	hypothetical protein, conserved	-0,1353	0,4323
TcCLB.510279.310	mucin-associated surface protein (MASP), putative	-0,1354	0,7186
TcCLB.511491.20	hypothetical protein, conserved	-0,1356	0,1276
TcCLB.510091.130	hypothetical protein, conserved	-0,1356	0,2594
TcCLB.503611.10	nucleoplasmin-like protein (NLP), putative	-0,1357	0,3076
TcCLB.508219.170	trans-sialidase (pseudogene), putative	-0,1357	0,7536
TcCLB.509429.50	retrotransposon hot spot protein (RHS, pseudogene), putat	-0,1358	0,2425
TcCLB.510025.230	hypothetical protein	-0,1358	0,8575
TcCLB.503893.40	hypothetical protein, conserved	-0,1359	0,4263

TcCLB.509671.172	hypothetical protein, conserved	-0,1359	0,5089
TcCLB.507953.190	hypothetical protein	-0,1359	0,8366
TcCLB.511807.260	hypothetical protein, conserved	-0,1361	0,1221
TcCLB.507875.30	hypothetical protein, conserved	-0,1361	0,4273
TcCLB.510307.210	trans-sialidase, Group II, putative	-0,1362	0,6522
TcCLB.506133.190	trans-sialidase, Group VI, putative	-0,1363	0,7902
TcCLB.506627.40	hypothetical protein, conserved	-0,1364	0,4205
TcCLB.503763.50	trans-sialidase (pseudogene), putative	-0,1364	0,4243
TcCLB.511249.10	ADP/ATP mitochondrial carrier protein, putative	-0,1365	0,2605
TcCLB.511317.70	RNA-binding protein, putative (RBP30)	-0,1366	0,3308
TcCLB.506789.50	mucin-associated surface protein (MASP), putative	-0,1366	0,7629
TcCLB.506425.160	hypothetical protein, conserved	-0,1367	0,42
TcCLB.508153.910	hypothetical protein, conserved	-0,1367	0,451
TcCLB.508153.80	DNA replication complex GINS protein SLD5, putative	-0,1369	0,4738
TcCLB.509267.70	hypothetical protein	-0,137	0,2201
TcCLB.506577.140	hypothetical protein, conserved	-0,137	0,5605
TcCLB.506679.220	nucleoplasmin-like protein (NLP), putative	-0,1371	0,1711
TcCLB.510889.205	hypothetical protein, conserved	-0,1371	0,3935
TcCLB.506355.20	receptor-type adenylate cyclase, putative	-0,1371	0,4502
TcCLB.511923.60	trans-sialidase, Group V, putative	-0,1371	0,598
TcCLB.506813.29	mucin-associated surface protein (MASP), putative	-0,1371	0,8214
TcCLB.506649.40	rho-like GTP binding protein, putative	-0,1372	0,4238
TcCLB.506503.170	hypothetical protein, conserved	-0,1372	0,6222
TcCLB.507491.70	hypothetical protein, conserved (pseudogene)	-0,1375	0,2346
TcCLB.508199.70	hypothetical protein	-0,1376	0,3267
TcCLB.506297.280	hypothetical protein, conserved	-0,1376	0,3739
TcCLB.511577.130	poly(A) export protein, putative	-0,1376	0,3858
TcCLB.508461.390	hypothetical protein, conserved	-0,1377	0,2149
TcCLB.506929.10	surface protease GP63, putative	-0,1378	0,3516
TcCLB.509779.50	hypothetical protein, conserved	-0,1378	0,3954
TcCLB.507057.50	hypothetical protein, conserved	-0,1379	0,3853
TcCLB.472777.9	hypothetical protein, conserved	-0,1379	0,71
TcCLB.508813.50	oxidoreductase-like protein, putative	-0,138	0,2292
TcCLB.507467.94	hypothetical protein, conserved	-0,138	0,5787
TcCLB.510025.191	surface protease GP63 (pseudogene), putative	-0,138	0,8312
TcCLB.507927.20	mitochondrial oligo_U binding protein TBRGG1, putative	-0,1381	0,3417
TcCLB.507483.60	translation-associated element 2, putative	-0,1382	0,2396
TcCLB.511725.130	hypothetical protein, conserved	-0,1383	0,1076
TcCLB.507991.110	hypothetical protein, conserved	-0,1384	0,2915
TcCLB.511603.250	mucin-associated surface protein (MASP), putative	-0,1385	0,7237
TcCLB.503823.60	hypothetical protein, conserved	-0,1386	0,3433
TcCLB.504251.20	hypothetical protein, conserved	-0,1386	0,4995
TcCLB.503801.79	hypothetical protein, conserved	-0,1387	0,5081
TcCLB.506269.25	hypothetical protein	-0,1387	0,7379
TcCLB.506515.29	trans-sialidase, putative	-0,1388	0,6872



TcCLB.508277.360	ubiquitin hydrolase, putative	-0,1389	0,1614
TcCLB.508675.40	hypothetical protein, conserved	-0,1389	0,3025
TcCLB.509735.84	dispersed gene family protein 1 (DGF-1), putative	-0,1389	0,3945
TcCLB.508307.60	hypothetical protein, conserved	-0,139	0,2371
TcCLB.508461.400	nucleoside diphosphate kinase (NDPK2)	-0,139	0,3015
TcCLB.506209.50	trans-sialidase (pseudogene), putative	-0,1392	0,6266
TcCLB.504149.80	hypothetical protein, conserved	-0,1393	0,2427
TcCLB.510945.10	ubiquitin carboxyl-terminal hydrolase, putative	-0,1393	0,3719
TcCLB.511711.60	hypothetical protein	-0,1393	0,5917
TcCLB.447847.19	retrotransposon hot spot protein (RHS, pseudogene), putat	-0,1395	0,5558
TcCLB.507063.110	hypothetical protein, conserved	-0,1396	0,1697
TcCLB.507005.30	hypothetical protein, conserved	-0,1398	0,3027
TcCLB.503779.100	hypothetical protein, conserved	-0,1398	0,3727
TcCLB.506289.110	surface protease GP63 (pseudogene), putative	-0,1398	0,5429
TcCLB.506203.70	pre-mRNA-splicing factor ATP-dependent RNA helicase, pu	-0,1399	0,1989
TcCLB.508927.30	hypothetical protein, conserved	-0,1399	0,4042
TcCLB.467287.30	ATPase beta subunit, putative	-0,1401	0,19
TcCLB.503473.4	proteasome 26S non-ATPase subunit 9, putative	-0,1401	0,6447
TcCLB.508873.590	retrotransposon hot spot protein (RHS, pseudogene), putat	-0,1403	0,6247
TcCLB.508909.20	guanosine monophosphate reductase, putative	-0,1404	0,1202
TcCLB.511837.138	RNA-binding protein, putative	-0,1404	0,2424
TcCLB.506467.4	hypothetical protein, conserved	-0,1404	0,4734
TcCLB.506629.40	hypothetical protein, conserved	-0,1405	0,1275
TcCLB.511545.180	hypothetical protein, conserved	-0,1405	0,2
TcCLB.507611.70	trans-sialidase (pseudogene), putative	-0,1405	0,6032
TcCLB.507681.259	Flagellar Member 1 (fragment) (FLAM1)	-0,1406	0,3678
TcCLB.511875.25	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	-0,1407	0,7842
TcCLB.511051.50	40S ribosomal protein S4, putative	-0,1408	0,07153
TcCLB.482471.10	hypothetical protein, conserved	-0,1408	0,3713
TcCLB.506883.90	hypothetical protein, conserved	-0,1408	0,3821
TcCLB.507811.20	delta-adaptin, putative	-0,141	0,2533
TcCLB.510963.20	hypothetical protein, conserved	-0,141	0,303
TcCLB.506577.170	hypothetical protein, conserved	-0,141	0,3545
TcCLB.506267.75	hypothetical protein, conserved (pseudogene)	-0,141	0,6764
TcCLB.408825.5	mucin-associated surface protein (MASP), putative (fragm	-0,141	0,816
TcCLB.511727.210	Repressor of differentiation kinase 1, putative (RDK1.1)	-0,1411	0,154
TcCLB.504243.30	hypothetical protein, conserved	-0,1411	0,1549
TcCLB.509205.10	guanine-nucleotide-exchange-factor, putative	-0,1412	0,454
TcCLB.503457.4	hypothetical protein, conserved	-0,1412	0,6351
TcCLB.510963.80	hypothetical protein, conserved	-0,1414	0,5842
TcCLB.508541.90	mucin-associated surface protein (MASP), putative	-0,1414	0,7029
TcCLB.510243.30	chaperone DNAJ protein, putative	-0,1415	0,243
TcCLB.506893.60	hypothetical protein, conserved	-0,1415	0,5457
TcCLB.503919.10	spliced leader RNA PSE-promoter transcription factor, puta	-0,1416	0,3069
TcCLB.506007.40	protein kinase, putative	-0,1417	0,2816

TcCLB.504045.70	hypothetical protein, conserved	-0,1417	0,5048
TcCLB.506417.70	hypothetical protein	-0,1418	0,4593
TcCLB.509579.30	retrotransposon hot spot protein (RHS, pseudogene), putat	-0,1419	0,4286
TcCLB.413605.10	kinesin, putative	-0,1421	0,2697
TcCLB.508213.20	hypothetical protein, conserved	-0,1421	0,5576
TcCLB.506943.23	hypothetical protein, conserved	-0,1422	0,4524
TcCLB.458369.10	trans-sialidase (pseudogene), putative	-0,1425	0,7639
TcCLB.510323.10	protein kinase, putative	-0,1426	0,3761
TcCLB.506203.90	hypothetical protein, conserved	-0,1428	0,25
TcCLB.506467.10	hypothetical protein, conserved	-0,1428	0,3634
TcCLB.510075.60	hypothetical protein	-0,1429	0,5574
TcCLB.505163.10	hypothetical protein, conserved	-0,143	0,6251
TcCLB.511075.30	TFIIH basal transcription factor complex helicase subunit, $\gamma$	-0,1431	0,1058
TcCLB.506627.90	hypothetical protein	-0,1431	0,1494
TcCLB.508647.100	hypothetical protein, conserved	-0,1431	0,2229
TcCLB.507237.220	mucin-associated surface protein (MASP), putative	-0,1431	0,8344
TcCLB.507897.40	acetyl-CoA carboxylase, putative	-0,1432	0,2799
TcCLB.503855.60	hypothetical protein, conserved	-0,1432	0,3572
TcCLB.509611.50	hypothetical protein, conserved	-0,1432	0,423
TcCLB.399173.10	trans-sialidase, putative (fragment)	-0,1432	0,7195
TcCLB.509937.190	hypothetical protein, conserved	-0,1433	0,2692
TcCLB.507031.60	nuclear cap binding complex subunit CBP30, putative (CBP3)	-0,1433	0,4027
TcCLB.507887.10	dihydroorotase (pseudogene), putative	-0,1433	0,6412
TcCLB.511769.20	dispersed gene family protein 1 (DGF-1), putative	-0,1434	0,4892
TcCLB.510143.129	hypothetical protein, conserved	-0,1434	0,5268
TcCLB.508647.120	hypothetical protein, conserved	-0,1435	0,1902
TcCLB.503643.10	KU70 protein, putative	-0,1435	0,303
TcCLB.504101.50	trans-sialidase, Group V, putative	-0,1435	0,4717
TcCLB.508679.20	ribonuclease inhibitor, putative	-0,1435	0,4765
TcCLB.506127.130	hypothetical protein, conserved	-0,1436	0,3187
TcCLB.506895.50	hypothetical protein, conserved	-0,1436	0,3541
TcCLB.504205.10	hypothetical protein	-0,1437	0,5567
TcCLB.505941.10	surface protease GP63, putative	-0,1438	0,4644
TcCLB.503953.20	hypothetical protein, conserved	-0,1438	0,5368
TcCLB.506297.30	hypothetical protein, conserved	-0,1439	0,08537
TcCLB.509721.79	hypothetical protein, conserved (fragment)	-0,1439	0,2496
TcCLB.510377.450	mucin-associated surface protein (MASP), putative	-0,1439	0,7243
TcCLB.510197.130	trans-sialidase, Group VI, putative	-0,144	0,7816
TcCLB.506989.80	hypothetical protein, conserved	-0,1441	0,4901
TcCLB.508409.320	hypothetical protein, conserved	-0,1442	0,1734
TcCLB.506303.120	hypothetical protein, conserved	-0,1442	0,2428
TcCLB.509641.70	hypothetical protein, conserved	-0,1443	0,1301
TcCLB.506131.114	mucin TcMUC (pseudogene), putative	-0,1443	0,7824
TcCLB.509753.220	mucin TcMUCII, putative	-0,1444	0,7986
TcCLB.507501.5	trans-sialidase, putative (fragment)	-0,1444	0,8377

TcCLB.503897.110	plectin-like protein, putative	-0,1445	0,3497
TcCLB.504625.90	hypothetical protein, conserved	-0,1445	0,4217
TcCLB.508699.100	surface protease GP63, putative	-0,1446	0,5119
TcCLB.509223.80	trans-sialidase (pseudogene), putative	-0,1446	0,5136
TcCLB.511213.81	retrotransposon hot spot protein (RHS, pseudogene), putative	-0,1446	0,578
TcCLB.506221.110	chromosomal passenger protein, putative (CPC2)	-0,1447	0,3425
TcCLB.511237.40	CDP-DAG synthase, putative (CDS)	-0,1448	0,301
TcCLB.511855.30	hypothetical protein, conserved	-0,1448	0,6247
TcCLB.506939.50	mucin-associated surface protein (MASP), putative	-0,1448	0,8595
TcCLB.503847.60	hypothetical protein, conserved	-0,1449	0,2114
TcCLB.511071.150	hypothetical protein, conserved	-0,1449	0,406
TcCLB.509693.194	hypothetical protein, conserved	-0,1449	0,6958
TcCLB.510507.60	inositol 1,4,5-trisphosphate receptor, putative (fragment) (	-0,145	0,1671
TcCLB.511071.120	hypothetical protein, conserved	-0,145	0,2115
TcCLB.511517.70	RNA-binding protein, putative	-0,1453	0,2719
TcCLB.511171.25	hypothetical protein, conserved (pseudogene)	-0,1453	0,5609
TcCLB.506971.10	mucin-associated surface protein (MASP), putative	-0,1453	0,7711
TcCLB.507875.200	trans-sialidase (pseudogene), putative	-0,1454	0,5457
TcCLB.507099.110	hypothetical protein, conserved	-0,1455	0,2746
TcCLB.506959.130	60S ribosomal protein L30, putative	-0,1456	0,07432
TcCLB.511637.9	zinc carboxypeptidase, putative	-0,1456	0,1991
TcCLB.509537.30	hypothetical protein, conserved	-0,1456	0,3514
TcCLB.508479.390	RNA triphosphatase, putative	-0,1457	0,4218
TcCLB.508707.60	hypothetical protein, conserved	-0,1458	0,1528
TcCLB.507083.20	dispersed gene family protein 1 (DGF-1), putative	-0,1458	0,286
TcCLB.509767.130	hypothetical protein, conserved	-0,1458	0,601
TcCLB.503667.20	hypothetical protein	-0,1458	0,7636
TcCLB.511597.50	trans-sialidase, putative (fragment)	-0,1458	0,8604
TcCLB.432677.10	heat shock 70 kDa protein, mitochondrial precursor (pseudogene)	-0,1459	0,1758
TcCLB.504215.20	dolichyl-P-Man:GDP-ManGlcNAc2-PP-dolichyl beta-1,4-mannosyltransferase	-0,1459	0,3512
TcCLB.409117.20	40S ribosomal protein S14, putative	-0,146	0,1177
TcCLB.509911.40	hypothetical protein, conserved	-0,146	0,4899
TcCLB.511803.80	hypothetical protein, conserved (fragment)	-0,1461	0,7692
TcCLB.508347.159	microtubule-associated protein, putative, (fragment) (GB4)	-0,1462	0,3702
TcCLB.510289.50	hypothetical protein, conserved	-0,1463	0,3374
TcCLB.509067.14	hypothetical protein, conserved	-0,1464	0,5339
TcCLB.508145.49	hypothetical protein, conserved	-0,1466	0,1828
TcCLB.510357.70	ubiquinone biosynthesis protein-like protein, putative	-0,1466	0,366
TcCLB.511281.56	sjogren s syndrome nuclear autoantigen 1, putative	-0,1466	0,4684
TcCLB.511725.10	proteasome regulatory non-ATPase subunit, putative	-0,1467	0,3291
TcCLB.506925.550	calpain-like cysteine peptidase (pseudogene), putative	-0,1467	0,5044
TcCLB.508415.50	ADP-ribosylation factor 1, putative (ARF1)	-0,1468	0,2484
TcCLB.510357.120	hypothetical protein, conserved	-0,1468	0,7046
TcCLB.508257.260	AP-1 adapter complex gamma subunit, putative	-0,1469	0,1336
TcCLB.508779.90	structural maintenance of chromosome protein 4, putative	-0,1469	0,1761

TcCLB.508321.30	hypothetical protein, conserved	-0,1469	0,5815
TcCLB.509171.100	hypothetical protein, conserved	-0,1472	0,2717
TcCLB.506435.10	hypothetical protein, conserved	-0,1472	0,4987
TcCLB.507677.30	hypothetical protein, conserved	-0,1474	0,267
TcCLB.511367.74	hypothetical protein, conserved	-0,1474	0,4229
TcCLB.506265.30	mitochondrial DNA polymerase I protein A, putative	-0,1475	0,2167
TcCLB.504085.30	RNA-binding protein, putative	-0,1476	0,3179
TcCLB.507703.10	retrotransposon hot spot protein (RHS, pseudogene), putative	-0,1476	0,5216
TcCLB.506925.260	protein kinase, putative	-0,1477	0,3678
TcCLB.504079.3	mitochondrial chaperone BCS1, putative (fragment)	-0,1479	0,3464
TcCLB.507951.30	receptor-type adenylate cyclase (pseudogene), putative	-0,1481	0,2292
TcCLB.506367.140	hypothetical protein, conserved	-0,1482	0,2446
TcCLB.505071.40	hypothetical protein	-0,1482	0,3841
TcCLB.509777.60	ADG2, putative	-0,1483	0,3337
TcCLB.508415.59	hypothetical protein, conserved	-0,1483	0,6192
TcCLB.506101.10	mucin-associated surface protein (MASP), putative	-0,1483	0,6481
TcCLB.508387.150	hypothetical protein	-0,1485	0,3143
TcCLB.508153.400	serine/threonine-protein kinase, putative	-0,1486	0,1424
TcCLB.510173.120	hypothetical protein, conserved	-0,1486	0,4827
TcCLB.511599.10	trans-sialidase, putative	-0,1486	0,8362
TcCLB.503861.80	dispersed gene family protein 1 (DGF-1), putative	-0,1487	0,3127
TcCLB.509007.80	hypothetical protein, conserved	-0,1487	0,3393
TcCLB.511611.11	hypothetical protein	-0,1487	0,6693
TcCLB.462617.10	dynein heavy chain (pseudogene), putative	-0,1488	0,1798
TcCLB.509965.180	RNA-binding protein, putative	-0,1488	0,1947
TcCLB.510163.60	trans-sialidase, Group V, putative	-0,1488	0,2768
TcCLB.509797.20	hypothetical protein, conserved	-0,1488	0,3395
TcCLB.509743.19	dispersed gene family protein 1 (DGF-1), putative (fragment)	-0,149	0,5525
TcCLB.506513.160	protein kinase, putative	-0,1491	0,2254
TcCLB.510747.26	hypothetical protein, conserved	-0,1491	0,6023
TcCLB.510291.7	TPR-repeat-containing chaperone protein DNAJ, putative (fragment)	-0,1492	0,359
TcCLB.506911.10	mucin TcMUCII, putative	-0,1492	0,8186
TcCLB.511585.160	hypothetical protein, conserved	-0,1493	0,2761
TcCLB.507623.50	oxidoreductase, putative	-0,1493	0,3787
TcCLB.511735.34	hypothetical protein, conserved	-0,1493	0,4819
TcCLB.503643.20	cyclic nucleotide-binding domain containing protein, putative	-0,1494	0,1874
TcCLB.511127.280	hypothetical protein, conserved	-0,1494	0,4298
TcCLB.503879.60	hypothetical protein, conserved	-0,1495	0,3302
TcCLB.510329.310	hypothetical protein, conserved	-0,1496	0,3139
TcCLB.511481.40	N-Acetyl-D-glucosaminylphosphatidylinositol de-N-acetyltransferase, putative	-0,1496	0,4365
TcCLB.506727.40	hypothetical protein, conserved	-0,1496	0,5224
TcCLB.504827.40	AP-3 complex subunit beta, putative (AP3B)	-0,15	0,2239
TcCLB.506821.180	aquaporin-like protein, putative	-0,1501	0,411
TcCLB.507927.80	hypothetical protein	-0,1503	0,3649
TcCLB.507867.90	hypothetical protein, conserved	-0,1503	0,378

TcCLB.510283.114	DNA-directed RNA polymerase I subunit, putative	-0,1503	0,4226
TcCLB.506625.150	hypothetical protein, conserved	-0,1503	0,4335
TcCLB.509769.10	hypothetical protein, conserved	-0,1503	0,5838
TcCLB.508703.25	hypothetical protein	-0,1504	0,2915
TcCLB.510351.40	ATP-dependent RNA helicase, putative	-0,1507	0,1949
TcCLB.421959.10	eukaryotic translation initiation factor 4E, putative	-0,1507	0,2764
TcCLB.511889.40	dispersed gene family protein 1 (DGF-1), putative	-0,1507	0,4461
TcCLB.511001.180	hypothetical protein, conserved	-0,1508	0,2261
TcCLB.506679.170	hypothetical protein, conserved	-0,151	0,1185
TcCLB.507031.179	hypothetical protein, conserved	-0,151	0,356
TcCLB.506195.180	hypothetical protein, conserved	-0,151	0,4227
TcCLB.511291.80	hypothetical protein, conserved	-0,151	0,5552
TcCLB.510307.19	mucin-associated surface protein (MASP, pseudogene), pu	-0,1511	0,6212
TcCLB.506631.50	hypothetical protein, conserved (fragment)	-0,1511	0,7976
TcCLB.509073.20	hypothetical protein, conserved	-0,1512	0,1233
TcCLB.510889.310	hypothetical protein, conserved	-0,1512	0,1928
TcCLB.509715.26	hypothetical protein, conserved	-0,1512	0,3835
TcCLB.509985.60	hypothetical protein, conserved	-0,1513	0,1561
TcCLB.507711.30	hypothetical protein, conserved	-0,1513	0,3838
TcCLB.425969.9	cyclin-dependent kinases regulatory subunit, putative (P12)	-0,1514	0,4847
TcCLB.510663.50	hypothetical protein, conserved	-0,1515	0,2059
TcCLB.508175.300	hypothetical protein, conserved	-0,1515	0,3338
TcCLB.510963.70	ARP2/3 complex subunit, putative	-0,1517	0,4377
TcCLB.511525.29	hypothetical protein, conserved	-0,1518	0,2119
TcCLB.508165.50	mucin-associated surface protein (MASP), putative	-0,1519	0,8259
TcCLB.510187.390	Protein kinase domain, putative	-0,152	0,1695
TcCLB.506793.90	hypothetical protein, conserved	-0,152	0,3099
TcCLB.511407.20	hypothetical protein, conserved	-0,152	0,3546
TcCLB.511431.30	conserved protein, unknown function	-0,1521	0,2917
TcCLB.506795.29	hypothetical protein, conserved	-0,1521	0,3192
TcCLB.510363.19	trans-sialidase (pseudogene), putative	-0,1523	0,6663
TcCLB.468405.9	dispersed gene family protein 1 (DGF-1), putative	-0,1523	0,7764
TcCLB.506221.60	hypothetical protein, conserved (pseudogene)	-0,1524	0,1912
TcCLB.509163.30	trans-sialidase (pseudogene), putative	-0,1524	0,6062
TcCLB.508141.50	hypothetical protein, conserved	-0,1525	0,4647
TcCLB.507895.60	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, pu	-0,1525	0,7019
TcCLB.504089.60	hypothetical protein, conserved	-0,1526	0,1946
TcCLB.504257.30	S-adenosylmethionine decarboxylase proenzyme, putative	-0,1526	0,2196
TcCLB.510657.160	Double RNA binding domain protein 9 (DRBD9)	-0,1526	0,3398
TcCLB.505983.30	hypothetical protein, conserved	-0,1528	0,1218
TcCLB.510817.40	hypothetical protein, conserved	-0,1528	0,6496
TcCLB.509545.50	mucin-associated surface protein (MASP), putative	-0,1529	0,7099
TcCLB.504625.30	hypothetical protein	-0,153	0,1835
TcCLB.506543.100	hypothetical protein, conserved	-0,153	0,3534
TcCLB.511595.10	trans-sialidase (pseudogene), putative	-0,153	0,7449

TcCLB.508831.20	oligomeric golgi complex component 8, putative	-0,1531	0,2831
TcCLB.509399.70	hypothetical protein, conserved	-0,1532	0,3059
TcCLB.508189.20	dispersed gene family protein 1 (DGF-1, pseudogene), putative	-0,1532	0,6151
TcCLB.511903.260	hypothetical protein, conserved	-0,1533	0,316
TcCLB.507083.90	hypothetical protein, conserved	-0,1533	0,405
TcCLB.510017.50	surface protease GP63 (pseudogene), putative	-0,1535	0,7888
TcCLB.504163.90	hypothetical protein, conserved	-0,1537	0,2756
TcCLB.507041.80	hypothetical protein	-0,1537	0,5565
TcCLB.510519.110	hypothetical protein	-0,1538	0,4936
TcCLB.506931.30	hypothetical protein, conserved	-0,1539	0,537
TcCLB.420369.20	trans-sialidase (pseudogene), putative	-0,1539	0,5766
TcCLB.504163.50	fructose-bisphosphate aldolase, glycosomal, putative	-0,154	0,3208
TcCLB.507787.170	retrotransposon hot spot protein (RHS, pseudogene), putative	-0,1541	0,1685
TcCLB.511517.110	hypothetical protein, conserved	-0,1541	0,2385
TcCLB.509999.90	carnitine/choline acetyltransferase, putative	-0,1543	0,09248
TcCLB.507831.50	hypothetical protein, conserved	-0,1545	0,1162
TcCLB.508817.150	hypothetical protein, conserved	-0,1546	0,239
TcCLB.508397.64	hypothetical protein, conserved	-0,1546	0,5034
TcCLB.508355.80	trans-sialidase, Group VIII, putative	-0,1546	0,5892
TcCLB.506885.370	hypothetical protein, conserved	-0,1547	0,4505
TcCLB.510207.35	mucin TcMUCII (pseudogene), putative	-0,1547	0,7015
TcCLB.507099.10	hypothetical protein, conserved	-0,1548	0,1281
TcCLB.511189.10	hypothetical protein, conserved (pseudogene)	-0,1548	0,4738
TcCLB.509777.130	inositol phosphosphingolipid phospholipase C-Like, putative	-0,1549	0,1707
TcCLB.509551.110	hypothetical protein, conserved	-0,1549	0,231
TcCLB.511523.80	hypothetical protein, conserved	-0,1549	0,2567
TcCLB.506435.290	hypothetical protein, conserved	-0,1549	0,4356
TcCLB.506321.359	MRB1-associated protein, putative	-0,1549	0,5034
TcCLB.510733.30	hypothetical protein, conserved	-0,155	0,5303
TcCLB.510483.220	mucin-associated surface protein (MASP), putative	-0,155	0,6446
TcCLB.510519.40	protein kinase, putative	-0,1551	0,2653
TcCLB.507943.99	hypothetical protein, conserved (fragment)	-0,1551	0,5846
TcCLB.506625.70	RNA-binding protein, putative	-0,1552	0,1223
TcCLB.506821.160	hypothetical protein, conserved	-0,1554	0,2993
TcCLB.509429.200	hypothetical protein, conserved	-0,1554	0,3506
TcCLB.506425.110	hypothetical protein, conserved	-0,1554	0,3973
TcCLB.508913.25	trans-sialidase, Group I, putative	-0,1554	0,7742
TcCLB.458759.10	profilin, putative	-0,1555	0,3502
TcCLB.507521.40	hypothetical protein, conserved	-0,1555	0,3854
TcCLB.506629.210	hypothetical protein, conserved	-0,1556	0,2901
TcCLB.510165.10	heat shock protein DNAJ, putative	-0,1558	0,2729
TcCLB.510763.50	hypothetical protein, conserved	-0,1558	0,4104
TcCLB.508721.20	hypothetical protein, conserved	-0,1559	0,3434
TcCLB.506435.70	hypothetical protein, conserved (pseudogene)	-0,156	0,1342
TcCLB.510769.110	hypothetical protein, conserved	-0,156	0,3339

TcCLB.508765.40	hypothetical protein	-0,156	0,3368
TcCLB.506753.40	hypothetical protein, conserved	-0,156	0,3961
TcCLB.511043.20	small G-protein, putative	-0,1561	0,132
TcCLB.506793.100	hypothetical protein, conserved	-0,1561	0,2344
TcCLB.503635.80	hypothetical protein, conserved	-0,1561	0,2879
TcCLB.511725.120	kinetoplast polyadenylation/uridylation factor 2, putative	-0,1562	0,1946
TcCLB.504137.20	hypothetical protein, conserved	-0,1562	0,2464
TcCLB.504045.20	hypothetical protein, conserved	-0,1563	0,1575
TcCLB.511661.50	small ubiquitin protein, putative	-0,1563	0,4691
TcCLB.508175.70	lanosterol synthase, putative	-0,1564	0,1449
TcCLB.511517.5	70 kDa heat shock protein, putative (fragment)	-0,1564	0,5093
TcCLB.510299.50	GPI alpha-mannosyltransferase III (GPI10)	-0,1565	0,1242
TcCLB.510173.40	MRB1 complex subunit MRB3010 (MRB3010)	-0,1565	0,2004
TcCLB.508775.70	dispersed gene family protein 1 (DGF-1), putative	-0,1565	0,7562
TcCLB.507089.90	hypothetical protein, conserved	-0,1566	0,1938
TcCLB.509573.60	hypothetical protein, conserved	-0,1566	0,4947
TcCLB.510397.30	retrotransposon hot spot protein (RHS, pseudogene), putat	-0,1566	0,7132
TcCLB.417797.9	hypothetical protein, conserved	-0,1567	0,381
TcCLB.508823.110	hypothetical protein, conserved	-0,1568	0,07874
TcCLB.504147.224	RNA-editing-associated protein 1, putative (REAP-1)	-0,1568	0,2921
TcCLB.506291.10	mucin-associated surface protein (MASP), putative	-0,1568	0,6823
TcCLB.510659.140	hypothetical protein, conserved (pseudogene)	-0,157	0,1305
TcCLB.503869.30	hypothetical protein, conserved	-0,157	0,151
TcCLB.508551.10	target of rapamycin (TOR) kinase 1, putative	-0,1571	0,3078
TcCLB.507053.70	geranylgeranyl transferase type II beta subunit, putative	-0,1572	0,2782
TcCLB.503789.34	hypothetical protein, conserved	-0,1573	0,3116
TcCLB.503909.44	hypothetical protein, conserved	-0,1573	0,3316
TcCLB.509579.34	ATP-dependent DEAD/H RNA helicase (pseudogene), putat	-0,1573	0,7253
TcCLB.508295.80	mucin TcMUCII, putative	-0,1573	0,7512
TcCLB.507105.10	beta prime cop protein, putative	-0,1574	0,08617
TcCLB.508299.40	hypothetical protein	-0,1574	0,2793
TcCLB.506247.250	hypothetical protein, conserved	-0,1575	0,05904
TcCLB.508659.9	TPR-repeat-containing chaperone protein DNAJ, putative (f	-0,1575	0,3446
TcCLB.507881.30	glycine dehydrogenase [decarboxylating] (pseudogene), pu	-0,1575	0,6585
TcCLB.510435.30	hypothetical protein, conserved	-0,1577	0,1667
TcCLB.507023.250	hypothetical protein, conserved	-0,1577	0,3092
TcCLB.506679.140	40S ribosomal protein S10, putative	-0,1578	0,2454
TcCLB.506287.80	hypothetical protein, conserved	-0,1579	0,3039
TcCLB.509171.20	hypothetical protein, conserved	-0,158	0,2594
TcCLB.506955.130	trans-sialidase (pseudogene), putative	-0,1581	0,617
TcCLB.508987.20	hypothetical protein, conserved	-0,1582	0,1889
TcCLB.505183.130	sugar transporter, putative	-0,1582	0,4289
TcCLB.506679.200	hypothetical protein, conserved	-0,1583	0,2945
TcCLB.506247.355	hypothetical protein, conserved	-0,1583	0,5436
TcCLB.509767.50	hypothetical protein, conserved	-0,1584	0,2238

TcCLB.510943.30	hypothetical protein, conserved	-0,1584	0,4371
TcCLB.511361.70	hypothetical protein, conserved	-0,1586	0,2315
TcCLB.508643.9	pre-mRNA-splicing factor ATP-dependent RNA helicase, pu	-0,1586	0,2771
TcCLB.508515.80	hypothetical protein, conserved	-0,1587	0,3042
TcCLB.510753.30	hypothetical protein, conserved	-0,1591	0,3271
TcCLB.508181.50	hypothetical protein, conserved	-0,1591	0,3776
TcCLB.506405.70	hypothetical protein, conserved	-0,1591	0,3826
TcCLB.509203.20	cyclin dependent kinase-binding protein, putative	-0,1593	0,1568
TcCLB.506529.120	hypothetical protein	-0,1593	0,2488
TcCLB.508059.20	hypothetical protein, conserved	-0,1594	0,3033
TcCLB.510877.90	hypothetical protein, conserved	-0,1595	0,1794
TcCLB.506221.129	hypothetical protein, conserved (fragment)	-0,1595	0,389
TcCLB.507711.210	hypothetical protein, conserved	-0,1596	0,1417
TcCLB.504035.84	succinate dehydrogenase subunit	-0,1596	0,3768
TcCLB.508761.70	mucin-associated surface protein (MASP), putative	-0,1596	0,5243
TcCLB.506989.240	hypothetical protein, conserved (pseudogene)	-0,1598	0,09078
TcCLB.509999.110	serine/threonine-protein kinase, putative	-0,1598	0,2896
TcCLB.503811.70	hypothetical protein, conserved	-0,1599	0,1743
TcCLB.506925.200	hypothetical protein, conserved	-0,16	0,1477
TcCLB.507677.129	hypothetical protein, conserved	-0,16	0,1565
TcCLB.504689.30	trans-sialidase (pseudogene), putative	-0,16	0,596
TcCLB.503545.10	trans-sialidase (pseudogene), putative	-0,16	0,6163
TcCLB.510477.90	mucin TcMUCII, putative	-0,16	0,7881
TcCLB.511603.500	mucin-associated surface protein (MASP), putative	-0,16	0,7984
TcCLB.503717.31	mucin TcMUCII, putative	-0,1602	0,7661
TcCLB.510181.130	hypothetical protein	-0,1603	0,4119
TcCLB.510513.20	hypothetical protein, conserved	-0,1605	0,2596
TcCLB.511127.40	hypothetical protein	-0,1606	0,4262
TcCLB.511173.50	mucin-associated surface protein (MASP), putative	-0,1606	0,5845
TcCLB.505843.24	succinate dehydrogenase, putative	-0,1607	0,1617
TcCLB.509715.20	clathrin coat assembly protein, putative	-0,1607	0,3165
TcCLB.507883.80	adenylate kinase, putative	-0,1607	0,4693
TcCLB.510021.60	hypothetical protein	-0,1607	0,8285
TcCLB.511729.40	60S ribosomal protein L9, putative	-0,1608	0,3666
TcCLB.508777.160	hypothetical protein, conserved	-0,1609	0,19
TcCLB.506297.210	hypothetical protein, conserved	-0,161	0,1462
TcCLB.503435.14	hypothetical protein	-0,161	0,2145
TcCLB.507029.60	hypothetical protein, conserved	-0,161	0,2884
TcCLB.414243.29	inosine-guanine nucleoside hydrolase, putative (fragment)	-0,161	0,665
TcCLB.511467.50	hypothetical protein, conserved	-0,1611	0,3318
TcCLB.509049.51	hypothetical protein, conserved	-0,1611	0,4079
TcCLB.509599.110	hypothetical protein, conserved	-0,1612	0,3023
TcCLB.506537.210	trans-sialidase (pseudogene), putative	-0,1612	0,4411
TcCLB.505999.20	phosphate-repressible phosphate permease, putative	-0,1613	0,1258
TcCLB.505231.10	dynein heavy chain, putative	-0,1613	0,1804



TcCLB.509669.60	hypothetical protein, conserved	-0,1613	0,3824
TcCLB.503853.10	hypothetical protein, conserved	-0,1615	0,2192
TcCLB.509047.30	hypothetical protein, conserved	-0,1616	0,4612
TcCLB.507949.140	ribosomal RNA-processing protein 8, putative (RRP8)	-0,1617	0,2657
TcCLB.510121.130	serine/threonine protein kinase, putative	-0,1617	0,5351
TcCLB.506047.13	ATP-dependent DEAD/H RNA helicase (pseudogene), putat	-0,1617	0,7268
TcCLB.504219.10	hypothetical protein, conserved (pseudogene)	-0,1618	0,8025
TcCLB.506943.150	hypothetical protein, conserved (pseudogene)	-0,1619	0,2185
TcCLB.510231.20	hypothetical protein	-0,1619	0,2226
TcCLB.510431.220	ribosome assembly protein RRB1, putative	-0,162	0,2905
TcCLB.407335.9	phosphatidylserine decarboxylase, putative	-0,1621	0,5253
TcCLB.507063.30	hypothetical protein, conserved	-0,1622	0,3873
TcCLB.510131.70	DNA polymerase kappa, putative	-0,1622	0,4827
TcCLB.506509.50	hypothetical protein, conserved	-0,1623	0,1959
TcCLB.511279.20	hypothetical protein, conserved	-0,1623	0,2244
TcCLB.508899.40	hypothetical protein, conserved	-0,1624	0,08231
TcCLB.503593.20	hypothetical protein, conserved	-0,1624	0,1993
TcCLB.509963.10	hypothetical protein, conserved (fragment)	-0,1624	0,4314
TcCLB.510213.9	mucin-associated surface protein (MASP), putative	-0,1624	0,7387
TcCLB.507659.10	hypothetical protein, conserved	-0,1627	0,2262
TcCLB.509179.160	hypothetical protein, conserved	-0,1627	0,2469
TcCLB.507053.190	hypothetical protein, conserved	-0,1627	0,253
TcCLB.511347.20	mucin-associated surface protein (MASP, pseudogene), pu	-0,1627	0,4877
TcCLB.507049.63	hypothetical protein, conserved	-0,1627	0,525
TcCLB.506499.100	hypothetical protein	-0,1628	0,8656
TcCLB.506743.210	tubulin tyrosine ligase, putative	-0,1629	0,4482
TcCLB.511749.9	hypothetical protein, conserved (fragment)	-0,163	0,1003
TcCLB.510161.10	hypothetical protein, conserved	-0,163	0,2231
TcCLB.506939.120	trans-sialidase, Group V, putative	-0,163	0,5751
TcCLB.507877.5	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	-0,1631	0,7712
TcCLB.508647.160	hypothetical protein, conserved	-0,1632	0,1218
TcCLB.506681.30	hypothetical protein, conserved	-0,1632	0,2833
TcCLB.511711.20	hypothetical protein, conserved	-0,1632	0,3182
TcCLB.503727.20	hypothetical protein, conserved	-0,1633	0,157
TcCLB.511231.60	hypothetical protein, conserved	-0,1633	0,2747
TcCLB.508441.10	NUP-1 protein, putative	-0,1634	0,009455
TcCLB.508153.990	hypothetical protein, conserved	-0,1635	0,3083
TcCLB.511293.30	DNA-directed RNA polymerases I and III subunit RPAC1, pu	-0,1636	0,2585
TcCLB.507625.200	hypothetical protein, conserved	-0,1637	0,2582
TcCLB.506799.150	surface protease GP63 (pseudogene), putative	-0,1637	0,6031
TcCLB.510579.80	60S ribosomal protein L10, putative	-0,1638	0,06958
TcCLB.511021.10	protein phosphatase 2A catalytic subunit, putative	-0,1638	0,3147
TcCLB.510279.60	mucin-associated surface protein (MASP), putative	-0,1638	0,6525
TcCLB.510303.160	hypothetical protein, conserved	-0,164	0,1786
TcCLB.506239.20	hypothetical protein, conserved	-0,164	0,2218

TcCLB.504009.10	hypothetical protein, conserved	-0,1641	0,2142
TcCLB.510867.19	trans-sialidase (pseudogene), putative	-0,1641	0,3972
TcCLB.503981.90	SWI/SNF-related matrix-associated actin-dependent regul	-0,1641	0,669
TcCLB.510625.30	mucin-associated surface protein (MASP, pseudogene), pu	-0,1641	0,6902
TcCLB.503547.20	dispersed gene family protein 1 (DGF-1, pseudogene), put	-0,1641	0,7001
TcCLB.506933.50	hypothetical protein, conserved	-0,1643	0,2018
TcCLB.508899.90	hypothetical protein	-0,1643	0,2542
TcCLB.511075.50	hypothetical protein	-0,1644	0,3382
TcCLB.511803.20	A/G-specific adenine glycosylase, putative	-0,1645	0,2587
TcCLB.506123.20	hypothetical protein, conserved	-0,1645	0,3514
TcCLB.511727.100	hypothetical protein, conserved	-0,1646	0,1577
TcCLB.510645.20	nuclear transcription factor, putative	-0,1646	0,1882
TcCLB.509513.5	hypothetical protein, conserved (pseudogene)	-0,1647	0,3856
TcCLB.485889.4	hypothetical protein, conserved	-0,1647	0,5122
TcCLB.508153.500	helicase, putative	-0,1648	0,08157
TcCLB.506577.47	hypothetical protein, conserved	-0,1648	0,2386
TcCLB.510497.199	dispersed gene family protein 1 (DGF-1), putative (fragme	-0,1648	0,7209
TcCLB.504147.320	hypothetical protein, conserved	-0,1649	0,09194
TcCLB.511535.39	hypothetical protein, conserved	-0,1649	0,5558
TcCLB.511109.10	surface protein TolT (pseudogene) (TolT)	-0,1649	0,6851
TcCLB.504213.110	Putrescine-cadaverine transporter (POT1.1)	-0,165	0,08811
TcCLB.508647.190	hypothetical protein, conserved	-0,165	0,2379
TcCLB.511375.20	hypothetical protein	-0,165	0,7353
TcCLB.507071.349	mucin-associated surface protein (MASP), putative	-0,165	0,8412
TcCLB.509583.19	dynein heavy chain, putative (fragment)	-0,1651	0,306
TcCLB.503983.10	hypothetical protein, conserved	-0,1651	0,4941
TcCLB.511287.30	60S ribosomal protein L17, putative	-0,1652	0,04267
TcCLB.503939.90	hypothetical protein, conserved	-0,1652	0,1121
TcCLB.508257.60	hypothetical protein, conserved	-0,1655	0,4239
TcCLB.510691.70	hypothetical protein, conserved	-0,1656	0,4641
TcCLB.508097.40	trans-sialidase (pseudogene), putative	-0,1656	0,6649
TcCLB.508577.60	hypothetical protein, conserved	-0,1657	0,1312
TcCLB.511277.350	tubulin-specific chaperone, putative	-0,1657	0,1463
TcCLB.507937.10	mucin TcMUCII, putative	-0,1657	0,8181
TcCLB.506493.70	serine/threonine protein kinase, putative	-0,1658	0,1432
TcCLB.511761.10	UDP-sugar pyrophosphorylase (Sloppy)	-0,1658	0,2021
TcCLB.511589.240	hypothetical protein, conserved	-0,1658	0,254
TcCLB.507049.80	hypothetical protein, conserved	-0,1658	0,3453
TcCLB.442629.9	hypothetical protein, conserved	-0,1658	0,3878
TcCLB.507927.50	metallo-beta-lactamase superfamily, putative	-0,1659	0,3743
TcCLB.506319.10	hypothetical protein	-0,166	0,07218
TcCLB.503461.30	hypothetical protein, conserved	-0,166	0,1472
TcCLB.509627.30	proteasome regulatory non-ATPase subunit 11, putative (R	-0,166	0,1564
TcCLB.511211.235	hypothetical protein, conserved	-0,166	0,4106
TcCLB.506569.60	retrotransposon hot spot protein (RHS, pseudogene), putat	-0,166	0,5418

TcCLB.507611.114	retrotransposon hot spot protein (RHS, pseudogene), putative	-0,166	0,5692
TcCLB.511589.160	replication factor C, subunit 4, putative	-0,1662	0,26
TcCLB.505183.120	aldo/keto reductase, putative	-0,1662	0,298
TcCLB.511507.90	hypothetical protein, conserved	-0,1662	0,3246
TcCLB.510837.30	hypothetical protein, conserved	-0,1663	0,3034
TcCLB.509489.10	hypothetical protein, conserved	-0,1664	0,2047
TcCLB.509605.10	malonyl-CoA decarboxylase, mitochondrial precursor, putative	-0,1664	0,3971
TcCLB.506567.90	hypothetical protein, conserved	-0,1665	0,2916
TcCLB.509567.30	serine/threonine-protein kinase, putative	-0,1666	0,1365
TcCLB.510889.110	primase 2, putative	-0,1668	0,1918
TcCLB.503955.60	hypothetical protein, conserved	-0,1668	0,3135
TcCLB.510263.30	surface protease GP63, putative	-0,1668	0,4703
TcCLB.510663.57	transport protein particle (TRAPP) subunit, putative	-0,167	0,3503
TcCLB.503973.120	mucin-associated surface protein (MASP), putative	-0,167	0,5941
TcCLB.510967.13	hypothetical protein, conserved	-0,1671	0,5467
TcCLB.436535.19	Glucose-6-phosphate dehydrogenase, putative	-0,1671	0,6533
TcCLB.503751.10	hypothetical protein	-0,1672	0,2621
TcCLB.508491.9	hypothetical protein, conserved	-0,1672	0,5446
TcCLB.511553.60	hypothetical protein	-0,1672	0,7615
TcCLB.508533.10	hypothetical protein, conserved	-0,1673	0,1839
TcCLB.506869.60	protein kinase, putative	-0,1673	0,2099
TcCLB.503847.30	hypothetical protein, conserved	-0,1673	0,3089
TcCLB.425851.9	hypothetical protein, conserved	-0,1673	0,4544
TcCLB.510015.50	mucin TcMUC (pseudogene), putative	-0,1673	0,6212
TcCLB.511867.110	flap endonuclease-1 (FEN-1), putative	-0,1675	0,1656
TcCLB.507837.80	TBC1 domain family member 20/GTPase, putative	-0,1675	0,3869
TcCLB.507989.40	ATP-dependent DEAD/H DNA helicase recQ, putative	-0,1677	0,1034
TcCLB.509647.80	hypothetical protein, conserved	-0,1677	0,2398
TcCLB.506459.280	hypothetical protein, conserved	-0,1677	0,2851
TcCLB.509179.170	hypothetical protein	-0,1677	0,3052
TcCLB.508521.112	beta galactofuranosyl glycosyltransferase (pseudogene), putative	-0,1677	0,6324
TcCLB.508273.130	hypothetical protein	-0,1677	0,6966
TcCLB.506297.240	pretranslocation protein, alpha subunit, putative	-0,1678	0,05681
TcCLB.510187.360	hypothetical protein, conserved	-0,1678	0,1395
TcCLB.425597.5	hypothetical protein, conserved (pseudogene)	-0,1679	0,5487
TcCLB.503487.40	hypothetical protein, conserved	-0,168	0,1392
TcCLB.505939.20	oligopeptidase B-like protein, putative	-0,1683	0,07924
TcCLB.510665.4	hypothetical protein, conserved (fragment)	-0,1683	0,2686
TcCLB.506315.50	60S ribosomal protein L13a, putative	-0,1684	0,0445
TcCLB.510533.120	translation initiation factor IF-2, putative	-0,1685	0,1609
TcCLB.508479.20	hypothetical protein, conserved (pseudogene)	-0,1685	0,486
TcCLB.506557.30	hypothetical protein, conserved	-0,1686	0,1749
TcCLB.508165.280	mucin-associated surface protein (MASP), putative	-0,1687	0,7155
TcCLB.506573.60	hypothetical protein, conserved	-0,1689	0,2655
TcCLB.509801.10	hypothetical protein, conserved	-0,1691	0,2102

TcCLB.506893.70	hypothetical protein, conserved	-0,1691	0,2897
TcCLB.511753.110	hypothetical protein, conserved	-0,1692	0,05164
TcCLB.510431.270	hypothetical protein, conserved	-0,1692	0,1771
TcCLB.510483.234	mucin TcMUC (pseudogene), putative	-0,1692	0,7116
TcCLB.440099.28	protein kinase, putative	-0,1694	0,4321
TcCLB.507809.170	protein kinase, putative	-0,1694	0,636
TcCLB.511403.40	mucin-associated surface protein (MASP, pseudogene), pu	-0,1694	0,7267
TcCLB.511625.40	protein phosphatase 2C, putative	-0,1695	0,3545
TcCLB.510289.80	hypothetical protein, conserved	-0,1695	0,3841
TcCLB.509753.20	trans-sialidase (pseudogene), putative	-0,1695	0,5356
TcCLB.508689.5	hypothetical protein, conserved (pseudogene)	-0,1696	0,4398
TcCLB.507063.240	hypothetical protein, conserved (pseudogene)	-0,1697	0,04562
TcCLB.506147.140	hypothetical protein, conserved	-0,1697	0,1656
TcCLB.509179.200	hypothetical protein, conserved	-0,1697	0,5417
TcCLB.511249.30	hypothetical protein, conserved	-0,1698	0,09529
TcCLB.511067.4	phosphatidylinositol 3-kinase, putative	-0,1699	0,3602
TcCLB.507305.20	casein kinase, putative	-0,17	0,09091
TcCLB.503939.30	ttagg binding factor, putative	-0,17	0,218
TcCLB.506863.50	ribosomal RNA processing protein 45, putative (RRP45)	-0,17	0,4005
TcCLB.412943.9	hypothetical protein, conserved	-0,1701	0,4197
TcCLB.508219.70	mucin-associated surface protein (MASP), putative	-0,1702	0,7192
TcCLB.506679.110	dynein heavy chain, putative	-0,1703	0,09389
TcCLB.510213.70	mucin-associated surface protein (MASP), putative	-0,1703	0,6584
TcCLB.504241.57	retrotransposon hot spot protein (RHS, pseudogene), putat	-0,1703	0,7206
TcCLB.511907.290	hypothetical protein, conserved	-0,1705	0,2159
TcCLB.506953.49	glucose-6-phosphate 1-dehydrogenase, putative	-0,1706	0,6437
TcCLB.509393.50	hypothetical protein, conserved	-0,1707	0,1506
TcCLB.509567.50	hypothetical protein, conserved	-0,1707	0,2669
TcCLB.508397.60	methyltransferase, putative	-0,1707	0,3906
TcCLB.507711.220	hypothetical protein, conserved	-0,1708	0,5008
TcCLB.509693.20	plectin, putative	-0,1709	0,06042
TcCLB.509965.240	hypothetical protein, conserved	-0,1709	0,3116
TcCLB.506635.100	ATP dependent DEAD-box helicase, putative (RH)	-0,1711	0,2018
TcCLB.509793.30	kinetoplast DNA-associated protein, putative	-0,1712	0,249
TcCLB.511301.44	hypothetical protein, conserved	-0,1712	0,2661
TcCLB.507167.190	trans-sialidase (pseudogene), putative	-0,1712	0,5455
TcCLB.508987.30	serine/threonine-protein kinase, putative	-0,1714	0,1152
TcCLB.508897.80	hypothetical protein, conserved	-0,1714	0,1285
TcCLB.503939.120	hypothetical protein, conserved	-0,1715	0,1516
TcCLB.510653.19	hypothetical protein, conserved (fragment)	-0,1715	0,2881
TcCLB.506195.130	hypothetical protein, conserved	-0,1716	0,3478
TcCLB.508277.60	hypothetical protein, conserved	-0,1717	0,06608
TcCLB.511233.14	40S ribosomal protein S27, putative	-0,1717	0,07009
TcCLB.507087.40	kinesin, putative	-0,1717	0,102
TcCLB.503799.10	DNA repair protein RAD50, putative	-0,1718	0,08086

TcCLB.460127.20	metallo- peptidase, Clan M- Family M48 (FACE1)	-0,1718	0,2368
TcCLB.503579.100	nucleotide-binding protein, putative	-0,1719	0,2624
TcCLB.510305.20	hypothetical protein, conserved	-0,1719	0,2949
TcCLB.511851.30	trans-sialidase (pseudogene), putative	-0,1719	0,3009
TcCLB.508799.100	hypothetical protein, conserved	-0,172	0,2051
TcCLB.504239.350	mucin-associated surface protein (MASP), putative	-0,1721	0,5197
TcCLB.505997.70	ATPase, putative	-0,1721	0,8084
TcCLB.509875.250	hypothetical protein, conserved	-0,1722	0,3145
TcCLB.506435.200	hypothetical protein, conserved	-0,1722	0,3934
TcCLB.509967.189	kinesin, putative (fragment)	-0,1722	0,4834
TcCLB.506603.43	hypothetical protein	-0,1722	0,5283
TcCLB.510307.77	N-acetyltransferase complex ARD1 subunit (pseudogene),	-0,1722	0,5605
TcCLB.506811.80	hypothetical protein, conserved	-0,1723	0,26
TcCLB.507949.110	zeta tubulin, putative	-0,1725	0,227
TcCLB.507833.10	mucin-associated surface protein (MASP), putative	-0,1727	0,7782
TcCLB.511717.100	hypothetical protein, conserved	-0,1728	0,2041
TcCLB.511899.20	hypothetical protein, conserved	-0,1728	0,2546
TcCLB.507083.70	Iron-sulfur assembly protein 1, putative (Isa1)	-0,1729	0,2552
TcCLB.504147.30	hypothetical protein, conserved	-0,1731	0,1763
TcCLB.509695.40	hypothetical protein, conserved	-0,1731	0,1813
TcCLB.507685.20	trans-sialidase (pseudogene), putative	-0,1731	0,5963
TcCLB.508257.140	Aquaporin 2	-0,1732	0,1636
TcCLB.506811.150	hypothetical protein, conserved	-0,1732	0,2163
TcCLB.511895.60	hypothetical protein, conserved	-0,1732	0,312
TcCLB.511283.170	hypothetical protein, conserved	-0,1733	0,03309
TcCLB.506435.120	ATP-dependent RNA helicase, putative	-0,1733	0,07469
TcCLB.508169.100	hypothetical protein, conserved	-0,1733	0,2351
TcCLB.510123.20	mitogen activated protein kinase, putative	-0,1734	0,1099
TcCLB.508387.170	double-strand-break repair protein rad21 homolog, putativ	-0,1734	0,1335
TcCLB.507649.40	hypothetical protein, conserved	-0,1734	0,2724
TcCLB.510431.190	hypothetical protein	-0,1736	0,03877
TcCLB.506445.40	ubiquitin hydrolase (pseudogene), putative	-0,1736	0,1206
TcCLB.508873.330	trans-sialidase, Group V, putative	-0,1736	0,5365
TcCLB.508727.40	hypothetical protein, conserved	-0,1738	0,2764
TcCLB.510823.50	hypothetical protein, conserved	-0,1739	0,1715
TcCLB.503419.20	adenosine deaminase-like protein, putative (ADAT1h)	-0,1739	0,2322
TcCLB.510911.58	retrotransposon hot spot protein (RHS, pseudogene), putat	-0,1739	0,7272
TcCLB.506925.100	hypothetical protein, conserved	-0,174	0,2498
TcCLB.506747.30	ubiquitin hydrolase, putative	-0,1741	0,09918
TcCLB.509695.120	epsilon tubulin, putative	-0,1741	0,2376
TcCLB.506287.209	DNA ligase, putative	-0,1742	0,1885
TcCLB.504243.40	hypothetical protein, conserved	-0,1743	0,1094
TcCLB.506817.60	hypothetical protein, conserved	-0,1743	0,2709
TcCLB.507967.10	hypothetical protein	-0,1744	0,236
TcCLB.504689.20	mucin-associated surface protein (MASP, pseudogene), pu	-0,1744	0,4888

TcCLB.503551.20	hypothetical protein, conserved	-0,1744	0,8151
TcCLB.506733.30	hypothetical protein, conserved	-0,1745	0,09549
TcCLB.506273.10	trans-sialidase (pseudogene), putative	-0,1745	0,4081
TcCLB.507951.80	Present in the outer mitochondrial membrane proteome 2!	-0,1746	0,1612
TcCLB.503793.10	2-oxoglutarate dehydrogenase subunit, putative	-0,1746	0,2752
TcCLB.508355.350	hypothetical protein, conserved	-0,1747	0,2281
TcCLB.507257.150	hypothetical protein, conserved	-0,1748	0,2356
TcCLB.509109.190	hypothetical protein, conserved	-0,1748	0,3637
TcCLB.508153.950	6-phosphofructo-2-kinase 1	-0,1749	0,04674
TcCLB.506753.120	DnaJ chaperone protein, putative	-0,1749	0,1591
TcCLB.505807.200	hypothetical protein, conserved	-0,1749	0,1727
TcCLB.506417.30	hypothetical protein, conserved	-0,175	0,3755
TcCLB.509597.10	hypothetical protein, conserved	-0,1751	0,1185
TcCLB.504159.90	hypothetical protein, conserved	-0,1751	0,1202
TcCLB.510815.9	dispersed gene family protein 1 (DGF-1), putative	-0,1751	0,2109
TcCLB.506743.30	50S ribosomal protein L17, putative	-0,1751	0,3326
TcCLB.511893.10	ribonuclease inhibitor, putative	-0,1752	0,09636
TcCLB.506459.260	hypothetical protein, conserved	-0,1752	0,1057
TcCLB.504741.220	hypothetical protein, conserved	-0,1752	0,2769
TcCLB.507677.140	hypothetical protein, conserved	-0,1752	0,7992
TcCLB.511239.150	histone acetyltransferase, putative	-0,1754	0,2443
TcCLB.506613.110	mucin-associated surface protein (MASP, pseudogene), pu	-0,1754	0,6316
TcCLB.509965.319	hypothetical protein, conserved	-0,1755	0,1525
TcCLB.508199.80	EF hand, putative	-0,1756	0,1903
TcCLB.509429.120	Mitochondrial Ribosomal Protein of Small Subunit 29, puta	-0,1756	0,2253
TcCLB.508707.290	hypothetical protein	-0,1756	0,3116
TcCLB.509775.34	hypothetical protein, conserved	-0,1756	0,3419
TcCLB.511323.20	hypothetical protein, conserved	-0,1756	0,3897
TcCLB.436761.20	hypothetical protein, conserved (fragment)	-0,1756	0,7188
TcCLB.504039.175	hypothetical protein, conserved (pseudogene)	-0,1757	0,6932
TcCLB.511803.15	dynein light chain lc6, flagellar outer arm (pseudogene), pu	-0,176	0,4289
TcCLB.511577.10	hypothetical protein, conserved	-0,176	0,5301
TcCLB.511707.39	hypothetical protein, conserved	-0,1761	0,1029
TcCLB.511529.100	hypothetical protein, conserved	-0,1761	0,2903
TcCLB.510175.170	glycine dehydrogenase [decarboxylating] (pseudogene), pu	-0,1761	0,4438
TcCLB.511127.110	ATP-dependent protease ATPase subunit HslU2 (HslU2)	-0,1762	0,08104
TcCLB.504103.80	hypothetical protein, conserved	-0,1762	0,1906
TcCLB.506955.150	mucin-associated surface protein (MASP), putative	-0,1762	0,5733
TcCLB.511421.24	kelch domain-containing protein	-0,1764	0,2474
TcCLB.510043.50	hypothetical protein, conserved	-0,1765	0,05114
TcCLB.511445.70	hypothetical protein, conserved	-0,1765	0,1622
TcCLB.508083.20	hypothetical protein, conserved	-0,1767	0,3851
TcCLB.511867.190	tubulin gamma chain (TUBG)	-0,1768	0,125
TcCLB.504021.130	hypothetical protein, conserved	-0,1768	0,3503
TcCLB.507735.50	hypothetical protein, conserved (pseudogene)	-0,1769	0,04971

TcCLB.506887.50	katanin, putative	-0,177	0,255
TcCLB.509985.40	hypothetical protein, conserved	-0,177	0,2582
TcCLB.508121.80	mucin TcMUCII, putative	-0,177	0,7861
TcCLB.510099.70	hypothetical protein, conserved	-0,1771	0,111
TcCLB.511739.20	hypothetical protein, conserved	-0,1772	0,1662
TcCLB.508805.20	hypothetical protein, conserved	-0,1773	0,08214
TcCLB.509399.160	CCR4-NOT transcription complex subunit 2, putative	-0,1773	0,1604
TcCLB.508525.40	hypothetical protein, conserved	-0,1775	0,1902
TcCLB.506357.140	Periodic tryptophan protein 2 homolog, putative	-0,1776	0,1272
TcCLB.511389.140	hypothetical protein, conserved	-0,1776	0,2932
TcCLB.510351.100	hypothetical protein, conserved	-0,1776	0,3208
TcCLB.503803.10	rRNA biogenesis protein, putative	-0,1777	0,1708
TcCLB.507093.260	multidrug resistance protein, mitochondrial, putative (ABC	-0,1778	0,01904
TcCLB.510999.39	40S ribosomal protein S3A, putative (fragment)	-0,1778	0,1163
TcCLB.510759.50	hypothetical protein	-0,1778	0,2145
TcCLB.510517.60	hypothetical protein, conserved	-0,1778	0,3159
TcCLB.507515.70	hypothetical protein, conserved	-0,1779	0,09933
TcCLB.511285.70	hypothetical protein, conserved	-0,1781	0,07749
TcCLB.507089.80	exosome-associated protein 2, putative (EAP2)	-0,1782	0,3051
TcCLB.508257.104	ribosomal protein L14, putative	-0,1782	0,4106
TcCLB.509979.379	hypothetical protein, conserved	-0,1783	0,2352
TcCLB.506017.31	ATP-dependent DEAD/H RNA helicase (pseudogene), putat	-0,1785	0,6112
TcCLB.507467.50	hypothetical protein, conserved	-0,1786	0,2642
TcCLB.510395.20	hypothetical protein, conserved	-0,1786	0,301
TcCLB.504197.15	surface protease GP63 (pseudogene), putative	-0,1786	0,705
TcCLB.503847.10	hypothetical protein, conserved (pseudogene)	-0,1787	0,1386
TcCLB.507611.210	hypothetical protein	-0,1787	0,7462
TcCLB.511297.10	hypothetical protein, conserved	-0,1788	0,04833
TcCLB.506935.19	hypothetical protein, conserved (fragment)	-0,1788	0,5195
TcCLB.503973.271	surface protease GP63 (pseudogene), putative	-0,1789	0,6053
TcCLB.509549.120	endosomal integral membrane protein (pseudogene), puta	-0,179	0,142
TcCLB.508741.350	hypothetical protein, conserved	-0,179	0,1709
TcCLB.509837.30	hypothetical protein	-0,179	0,3239
TcCLB.511901.10	Trypanosome basal body component protein (TBBC)	-0,179	0,357
TcCLB.511001.40	hypothetical protein	-0,1791	0,187
TcCLB.511847.89	hypothetical protein, conserved	-0,1791	0,4932
TcCLB.508389.20	hypothetical protein	-0,1792	0,1466
TcCLB.510603.20	hypothetical protein, conserved	-0,1792	0,3635
TcCLB.506795.90	hypothetical protein, conserved	-0,1793	0,07346
TcCLB.506063.34	hypothetical protein, conserved (pseudogene)	-0,1793	0,08819
TcCLB.508409.150	hypothetical protein, conserved	-0,1794	0,09087
TcCLB.507993.89	hypothetical protein, conserved	-0,1794	0,3783
TcCLB.506625.19	dispersed gene family protein 1 (DGF-1), putative (fragme	-0,1794	0,6141
TcCLB.507007.74	small nuclear ribonucleoprotein Sm-F, putative	-0,1795	0,5227
TcCLB.509291.20	mucin-associated surface protein (MASP), putative	-0,1796	0,7835

TcCLB.511881.30	hypothetical protein, conserved	-0,1797	0,1882
TcCLB.511855.60	hypothetical protein, conserved	-0,1797	0,2394
TcCLB.511143.39	hypothetical protein, conserved	-0,1797	0,4381
TcCLB.506893.50	hypothetical protein, conserved	-0,1797	0,5145
TcCLB.508307.160	hypothetical protein, conserved	-0,1799	0,1166
TcCLB.504109.10	hypothetical protein, conserved	-0,1799	0,1176
TcCLB.506369.50	hypothetical protein, conserved	-0,1799	0,2803
TcCLB.506753.190	hypothetical protein, conserved	-0,18	0,2914
TcCLB.508775.35	retrotransposon hot spot protein (RHS, pseudogene), putat	-0,1801	0,7226
TcCLB.504741.80	hypothetical protein, conserved	-0,1802	0,2534
TcCLB.509715.80	hypothetical protein, conserved	-0,1803	0,1531
TcCLB.510525.120	hypothetical protein, conserved	-0,1803	0,2253
TcCLB.506839.20	hypothetical protein	-0,1804	0,1059
TcCLB.506499.40	mucin-associated surface protein (MASP), putative	-0,1804	0,6988
TcCLB.507071.34	mucin TcMUCII, putative	-0,1804	0,8086
TcCLB.509571.4	PAB1-binding protein , putative	-0,1805	0,06659
TcCLB.506647.10	hypothetical protein, conserved	-0,1805	0,1462
TcCLB.503455.30	hypothetical protein, conserved	-0,1805	0,1548
TcCLB.503891.30	phosphatidylinositol-4-phosphate 5-kinase, putative	-0,1805	0,2872
TcCLB.510359.69	mitochondrial carrier protein, putative	-0,1806	0,2595
TcCLB.508243.50	mucin-associated surface protein (MASP), putative	-0,1806	0,6601
TcCLB.509979.187	surface protease GP63 (pseudogene), putative	-0,1808	0,6685
TcCLB.508637.150	ribonuclease L inhibitor, putative	-0,1809	0,0613
TcCLB.511159.14	hypothetical protein, conserved	-0,1809	0,09378
TcCLB.507653.30	hypothetical protein	-0,1809	0,5431
TcCLB.509537.80	hypothetical protein, conserved	-0,181	0,03334
TcCLB.510031.40	hypothetical protein	-0,181	0,3383
TcCLB.509735.140	trans-sialidase (pseudogene), putative	-0,181	0,3608
TcCLB.507539.40	cell cycle sequence binding phosphoprotein (RBP33), putat	-0,1811	0,09456
TcCLB.509287.150	retrotransposon hot spot protein (RHS, pseudogene), putat	-0,1811	0,2307
TcCLB.510105.90	hypothetical protein, conserved	-0,1812	0,179
TcCLB.508699.60	hypothetical protein, conserved	-0,1812	0,2419
TcCLB.506859.120	hypothetical protein	-0,1814	0,2021
TcCLB.508533.40	ecotin, putative	-0,1814	0,2816
TcCLB.509395.50	hypothetical protein, conserved	-0,1815	0,06785
TcCLB.511825.130	hypothetical protein	-0,1815	0,4438
TcCLB.506181.20	hypothetical protein, conserved	-0,1816	0,1446
TcCLB.511127.20	calcium binding protein EF hand, putative	-0,1817	0,07932
TcCLB.463673.9	hypothetical protein, conserved	-0,1817	0,3029
TcCLB.510759.80	hypothetical protein, conserved	-0,182	0,06656
TcCLB.504131.170	ubiquitin carboxyl-terminal hydrolase, putative	-0,182	0,1004
TcCLB.508355.190	choline kinase	-0,182	0,1149
TcCLB.507257.110	hypothetical protein, conserved	-0,182	0,3208
TcCLB.507611.270	hypothetical protein, conserved	-0,1822	0,3295
TcCLB.506725.60	hypothetical protein, conserved	-0,1822	0,4228



TcCLB.511217.30	diacylglycerol kinase, putative	-0,1823	0,1769
TcCLB.508209.39	hypothetical protein, conserved	-0,1823	0,2046
TcCLB.509911.70	mu-adaptin 4, putative	-0,1823	0,2474
TcCLB.511163.59	hypothetical protein, conserved (fragment)	-0,1824	0,4953
TcCLB.509203.10	2,3-bisphosphoglycerate-independent phosphoglycerate m	-0,1825	0,5239
TcCLB.508199.30	hypothetical protein, conserved	-0,1826	0,2298
TcCLB.510655.30	helicase, putative	-0,1829	0,0253
TcCLB.503959.60	hypothetical protein, conserved	-0,183	0,1175
TcCLB.507049.100	mitochondrial RNA binding protein, putative	-0,183	0,1964
TcCLB.510609.130	hypothetical protein, conserved	-0,183	0,2025
TcCLB.510743.90	hypothetical protein, conserved	-0,183	0,2901
TcCLB.511211.110	hypothetical protein, conserved	-0,1831	0,07996
TcCLB.506559.240	hypothetical protein, conserved	-0,1831	0,09102
TcCLB.510289.20	hypothetical protein, conserved	-0,1831	0,1274
TcCLB.504171.20	hypothetical protein, conserved	-0,1831	0,3211
TcCLB.508479.480	N-acetyltransferase complex ARD1 subunit (pseudogene),	-0,1832	0,5195
TcCLB.510261.10	mucin-associated surface protein (MASP), putative	-0,1832	0,6093
TcCLB.508181.110	hypothetical protein, conserved	-0,1833	0,1155
TcCLB.506275.70	hypothetical protein, conserved	-0,1833	0,1672
TcCLB.509747.40	hypothetical protein, conserved	-0,1833	0,176
TcCLB.510149.130	hypothetical protein, conserved	-0,1833	0,2824
TcCLB.507677.100	hypothetical protein, conserved	-0,1834	0,2799
TcCLB.506853.60	hypothetical protein, conserved	-0,1834	0,3417
TcCLB.504097.4	nucleoplasmin-like protein (NLP), putative	-0,1835	0,1968
TcCLB.504131.110	hypothetical protein, conserved	-0,1835	0,2807
TcCLB.510265.110	hypothetical protein, conserved	-0,1835	0,7163
TcCLB.510105.40	cullin-like protein, putative	-0,1836	0,06367
TcCLB.506743.140	hypothetical protein, conserved	-0,1836	0,2134
TcCLB.510241.30	hypothetical protein, conserved	-0,1836	0,2365
TcCLB.510241.50	60S ribosomal protein L10, putative	-0,1838	0,02756
TcCLB.508153.980	hypothetical protein, conserved	-0,1839	0,07401
TcCLB.504883.50	hypothetical protein, conserved	-0,1839	0,07615
TcCLB.507913.10	hypothetical protein, conserved	-0,184	0,5193
TcCLB.507963.79	nucleosome assembly protein, putative	-0,1841	0,05781
TcCLB.503959.30	hypothetical protein, conserved	-0,1841	0,06851
TcCLB.507949.150	conserved protein, unknown function	-0,1841	0,1258
TcCLB.510381.60	proliferator-activated receptor-interacting protein (PRIP) ir	-0,1841	0,3157
TcCLB.507823.30	hypothetical protein, conserved	-0,1842	0,1582
TcCLB.506247.320	methyltransferase, putative	-0,1843	0,1061
TcCLB.508909.200	hypothetical protein	-0,1843	0,1077
TcCLB.511153.130	DNA-direcetd RNA polymerase II, subunit 9, putative	-0,1843	0,3921
TcCLB.509109.110	hypothetical protein, conserved	-0,1843	0,4176
TcCLB.510001.50	hypothetical protein, conserved	-0,1845	0,4
TcCLB.511183.170	trans-sialidase (pseudogene), putative	-0,1845	0,6342
TcCLB.509175.18	hypothetical protein, conserved	-0,1846	0,3634

TcCLB.510373.40	hypothetical protein	-0,1846	0,7844
TcCLB.507801.179	vesicle-associated membrane protein	-0,1847	0,1994
TcCLB.510021.180	trans-sialidase, Group V, putative	-0,1848	0,5862
TcCLB.506453.30	mucin-associated surface protein (MASP), putative	-0,1848	0,7152
TcCLB.508285.5	trans-sialidase (pseudogene), putative	-0,185	0,5584
TcCLB.398265.9	trans-sialidase, putative	-0,185	0,7876
TcCLB.506965.190	mucin TcMUCII, putative	-0,185	0,8016
TcCLB.511215.20	hypothetical protein	-0,1851	0,03577
TcCLB.507081.90	hypothetical protein, conserved	-0,1851	0,1648
TcCLB.510961.10	mucin-associated surface protein (MASP), putative	-0,1851	0,6549
TcCLB.504131.150	SNF2 family protein	-0,1852	0,2356
TcCLB.506247.300	hypothetical protein, conserved	-0,1852	0,2824
TcCLB.510655.70	hypothetical protein, conserved	-0,1853	0,3314
TcCLB.507913.30	proliferative cell nuclear antigen (PCNA), putative	-0,1855	0,0743
TcCLB.429257.10	hypothetical protein, conserved	-0,1855	0,4974
TcCLB.506737.40	hypothetical protein, conserved	-0,1856	0,08544
TcCLB.506979.50	hypothetical protein, conserved	-0,1856	0,1094
TcCLB.505171.44	hypothetical protein, conserved	-0,1857	0,4772
TcCLB.511529.180	hypothetical protein, conserved	-0,1858	0,1744
TcCLB.505231.20	trans-sialidase, Group II, putative	-0,1858	0,3457
TcCLB.508629.63	ATP-dependent DEAD/H RNA helicase (pseudogene), putative	-0,1859	0,614
TcCLB.505945.10	DNA repair and recombination helicase protein PIF5, putative	-0,186	0,07909
TcCLB.510769.150	hypothetical protein, conserved	-0,1862	0,1209
TcCLB.509121.20	dispersed gene family protein 1 (DGF-1, pseudogene), putative	-0,1863	0,3213
TcCLB.511275.20	hypothetical protein, conserved	-0,1864	0,142
TcCLB.510241.40	hypothetical protein, conserved	-0,1865	0,2352
TcCLB.510731.130	hypothetical protein, conserved	-0,1865	0,5343
TcCLB.511417.129	hypothetical protein, conserved	-0,1865	0,6663
TcCLB.509185.10	retrotransposon hot spot protein (RHS, pseudogene), putative	-0,1865	0,737
TcCLB.510421.170	hypothetical protein, conserved	-0,1866	0,02816
TcCLB.506963.110	NUDIX hydrolase 3, putative (Nudix3)	-0,1866	0,3273
TcCLB.508607.10	retrotransposon hot spot (RHS) protein, putative	-0,1866	0,6943
TcCLB.511621.40	hypothetical protein, conserved	-0,1867	0,1964
TcCLB.507047.90	hypothetical protein	-0,1867	0,253
TcCLB.506175.40	hypothetical protein, conserved	-0,1868	0,1269
TcCLB.504253.30	hypothetical protein, conserved	-0,1871	0,1434
TcCLB.510901.110	hypothetical protein, conserved	-0,1871	0,2964
TcCLB.508153.170	ubiquinone biosynthesis protein COQ7 homolog, putative	-0,1871	0,4253
TcCLB.507527.20	hypothetical protein, conserved	-0,1872	0,109
TcCLB.506989.50	hypothetical protein, conserved	-0,1872	0,249
TcCLB.511621.190	dual specificity protein phosphatase, putative	-0,1874	0,3009
TcCLB.427789.10	hypothetical protein, conserved	-0,1874	0,4677
TcCLB.509103.39	dynein heavy chain, putative	-0,1875	0,1008
TcCLB.506855.60	hypothetical protein, conserved	-0,1875	0,1798
TcCLB.509749.30	hypothetical protein, conserved	-0,1876	0,2983

TcCLB.509029.150	hypothetical protein, conserved	-0,1877	0,3763
TcCLB.510357.60	hypothetical protein, conserved	-0,1877	0,4872
TcCLB.511409.70	hypothetical protein, conserved	-0,1878	0,2133
TcCLB.511619.5	FtsJ cell division protein, putative (fragment)	-0,188	0,1867
TcCLB.509941.30	retrotransposon hot spot protein (RHS, pseudogene), putat	-0,188	0,2761
TcCLB.507023.230	splicing factor 3a, putative	-0,1881	0,1464
TcCLB.510959.30	mucin-associated surface protein (MASP), putative	-0,1881	0,6026
TcCLB.509483.10	surface protease GP63, putative	-0,1881	0,7757
TcCLB.510437.60	hypothetical protein, conserved	-0,1882	0,3171
TcCLB.508089.10	trans-sialidase, Group I, putative	-0,1882	0,3605
TcCLB.507771.20	hypothetical protein, conserved	-0,1883	0,1803
TcCLB.506223.100	hypothetical protein, conserved	-0,1883	0,2037
TcCLB.506933.40	DNA replication licensing factor MCM2, putative	-0,1885	0,08803
TcCLB.509791.110	hypothetical protein, conserved	-0,1885	0,1557
TcCLB.506247.80	DNA-binding protein, putative	-0,1885	0,1852
TcCLB.506123.50	hypothetical protein, conserved	-0,1885	0,301
TcCLB.506767.230	mucin-associated surface protein (MASP), putative	-0,1885	0,5766
TcCLB.507817.60	Present in the outer mitochondrial membrane proteome 3.	-0,1886	0,06504
TcCLB.509345.11	retrotransposon hot spot protein (RHS, pseudogene), putat	-0,1886	0,1666
TcCLB.506451.80	mucin-associated surface protein (MASP, pseudogene), pu	-0,1886	0,5006
TcCLB.504179.50	hypothetical protein	-0,1887	0,1049
TcCLB.510335.10	hypothetical protein, conserved	-0,1887	0,1423
TcCLB.511765.10	trans-sialidase (pseudogene), putative	-0,1887	0,6102
TcCLB.503465.10	hypothetical protein, conserved	-0,1888	0,141
TcCLB.507257.120	hypothetical protein, conserved	-0,1888	0,3027
TcCLB.508385.50	hypothetical protein, conserved	-0,1889	0,2535
TcCLB.507071.80	trans-sialidase, Group VI, putative	-0,1889	0,6453
TcCLB.510715.20	trans-sialidase, Group V, putative	-0,189	0,5029
TcCLB.506637.90	hypothetical protein, conserved	-0,1891	0,07706
TcCLB.508153.710	hypothetical protein	-0,1893	0,2036
TcCLB.508153.780	hypothetical protein	-0,1894	0,06861
TcCLB.510517.50	hypothetical protein, conserved	-0,1894	0,1065
TcCLB.510371.100	mucin-associated surface protein (MASP), putative	-0,1894	0,6745
TcCLB.511129.47	hypothetical protein, conserved (pseudogene)	-0,1895	0,4139
TcCLB.507611.389	hypothetical protein, conserved	-0,1895	0,4883
TcCLB.504089.14	hypothetical protein, conserved	-0,1896	0,07706
TcCLB.508257.244	hypothetical protein, conserved	-0,1896	0,4213
TcCLB.511001.9	40S ribosomal protein S3A, putative	-0,1897	0,2143
TcCLB.510551.50	trans-sialidase, putative	-0,1897	0,7735
TcCLB.510659.210	chaperone DNAJ protein, putative	-0,1898	0,06965
TcCLB.510265.100	hypothetical protein, conserved	-0,1898	0,109
TcCLB.510213.39	mucin-associated surface protein (MASP), putative	-0,1898	0,5357
TcCLB.508739.11	trans-sialidase (pseudogene), putative	-0,1898	0,5438
TcCLB.507867.80	hypothetical protein, conserved	-0,19	0,04653
TcCLB.511165.100	serine/threonine protein kinase, putative	-0,1901	0,2244

TcCLB.508879.90	hypothetical protein, conserved	-0,1901	0,3113
TcCLB.508277.250	hypothetical protein, conserved	-0,1902	0,09868
TcCLB.510769.40	hypothetical protein, conserved	-0,1902	0,2306
TcCLB.509941.70	dispersed gene family protein 1 (DGF-1, pseudogene), puta	-0,1902	0,4195
TcCLB.507951.179	hypothetical protein, conserved	-0,1904	0,1795
TcCLB.507555.70	trans-sialidase (pseudogene), putative	-0,1904	0,3842
TcCLB.510827.40	hypothetical protein	-0,1906	0,4476
TcCLB.510283.60	hypothetical protein, conserved	-0,1907	0,3469
TcCLB.511585.130	ubiquitin activating enzyme, putative	-0,1908	0,1474
TcCLB.509213.50	hypothetical protein, conserved	-0,1909	0,2674
TcCLB.480975.10	hypothetical protein, conserved	-0,191	0,2366
TcCLB.506765.46	mucin-associated surface protein (MASP, pseudogene), pu	-0,191	0,4029
TcCLB.511283.130	MEKK-related kinase 1, putative (MRK1)	-0,1911	0,1099
TcCLB.506155.70	SWI/SNF-related helicase, putative	-0,1912	0,0301
TcCLB.510777.29	eukaryotic translation initiation factor 4E, putative	-0,1912	0,4343
TcCLB.503723.90	glyceraldehyde 3-phosphate dehydrogenase, C-terminal do	-0,1912	0,579
TcCLB.506167.20	hypothetical protein, conserved	-0,1913	0,03579
TcCLB.506355.60	small G-protein, putative	-0,1913	0,06485
TcCLB.510823.80	cytoplasmic l-asparaginase i-like protein, putative	-0,1913	0,3298
TcCLB.509665.16	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	-0,1913	0,7272
TcCLB.503589.10	GDP-mannose pyrophosphorylase	-0,1914	0,1605
TcCLB.508165.140	mucin TcMUCII (pseudogene), putative	-0,1914	0,7596
TcCLB.511229.60	hypothetical protein, conserved	-0,1915	0,5535
TcCLB.508737.30	mitochondrial RNA binding protein 1	-0,1916	0,01482
TcCLB.510445.30	hypothetical protein, conserved	-0,1916	0,1665
TcCLB.503691.9	hypothetical protein, conserved (fragment)	-0,1916	0,2802
TcCLB.510421.300	hypothetical protein, conserved	-0,1916	0,298
TcCLB.511543.10	hypothetical protein, conserved	-0,1916	0,316
TcCLB.506885.280	NIMA-related kinase, putative	-0,1916	0,5552
TcCLB.508047.30	trans-sialidase (pseudogene), putative	-0,1916	0,6359
TcCLB.511917.10	trans-sialidase, putative	-0,1917	0,4602
TcCLB.508175.250	hypothetical protein, conserved	-0,1919	0,05794
TcCLB.509023.110	ATP-dependent protease ATPase subunit HslU2 (HslU2)	-0,1919	0,06733
TcCLB.503579.150	RNA editing 3' terminal uridylyl transferase 2, putative	-0,1919	0,2078
TcCLB.509049.10	hypothetical protein, conserved	-0,1919	0,3498
TcCLB.507677.90	hypothetical protein, conserved	-0,192	0,1474
TcCLB.504109.120	hypothetical protein, conserved	-0,192	0,2343
TcCLB.507787.30	hypothetical protein, conserved	-0,192	0,4091
TcCLB.506201.110	hypothetical protein, conserved	-0,1921	0,2074
TcCLB.507057.10	hypothetical protein, conserved	-0,1921	0,2119
TcCLB.507771.80	hypothetical protein, conserved	-0,1922	0,1126
TcCLB.508153.634	hypothetical protein, conserved	-0,1922	0,349
TcCLB.508325.130	protein kinase, putative	-0,1923	0,1878
TcCLB.511671.90	hypothetical protein, conserved	-0,1923	0,2285
TcCLB.509487.20	hypothetical protein, conserved	-0,1923	0,236

TcCLB.511725.190	vacuolar sorting protein, putative	-0,1923	0,2463
TcCLB.509097.28	hypothetical protein, conserved	-0,1923	0,4598
TcCLB.506475.30	hypothetical protein, conserved	-0,1924	0,1143
TcCLB.506287.120	hypothetical protein	-0,1924	0,1442
TcCLB.508539.60	mucin-associated surface protein (MASP), putative	-0,1924	0,6613
TcCLB.506211.210	mitogen-activated protein kinase kinase kinase, putative (C	-0,1925	0,07706
TcCLB.509029.50	hypothetical protein, conserved	-0,1925	0,3058
TcCLB.504427.50	AMPK subunit beta, putative (AMPKB)	-0,1926	0,1993
TcCLB.508313.122	trans-sialidase (pseudogene), putative	-0,1926	0,806
TcCLB.510737.40	transport protein particle (TRAPP) subunit, putative	-0,1927	0,2715
TcCLB.506295.80	ADP-ribosylation factor-like 2, arl2, putative (ARL2)	-0,1927	0,5479
TcCLB.506067.179	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	-0,1927	0,7669
TcCLB.424123.10	hypothetical protein, conserved (pseudogene)	-0,1928	0,2027
TcCLB.503619.29	hypothetical protein, conserved	-0,1928	0,4205
TcCLB.506367.40	hypothetical protein, conserved	-0,1929	0,1175
TcCLB.506661.90	hypothetical protein, conserved	-0,193	0,1056
TcCLB.509715.140	hypothetical protein, conserved	-0,193	0,3324
TcCLB.504057.145	cytochrome b5-like Heme/Steroid binding domain containi	-0,1931	0,1968
TcCLB.506627.70	hypothetical protein	-0,1931	0,2136
TcCLB.503809.24	hypothetical protein, conserved	-0,1931	0,3811
TcCLB.508219.30	surface protease GP63 (pseudogene), putative	-0,1931	0,7562
TcCLB.510121.150	serine/threonine protein kinase, putative	-0,1932	0,1269
TcCLB.507213.30	potassium voltage-gated channel, putative	-0,1932	0,1397
TcCLB.503637.20	hypothetical protein, conserved	-0,1933	0,08666
TcCLB.507677.150	G1 cyclin CycE4, putative (CYC5)	-0,1933	0,09578
TcCLB.503789.70	hypothetical protein, conserved	-0,1933	0,106
TcCLB.509549.10	trans-sialidase, Group V, putative	-0,1933	0,5382
TcCLB.511545.50	hypothetical protein, conserved	-0,1934	0,1195
TcCLB.510105.130	phosphatidylinositol-4-phosphate 5-kinase type II beta, put	-0,1934	0,1587
TcCLB.511013.6	N-acetyltransferase complex ARD1 subunit (pseudogene),	-0,1934	0,7408
TcCLB.506257.80	hypothetical protein, conserved	-0,1935	0,2319
TcCLB.509065.160	eukaryotic translation initiation factor 3 subunit 7-like prot	-0,1936	0,01386
TcCLB.508355.160	hypothetical protein, conserved	-0,1937	0,06718
TcCLB.509455.130	cAMP response protein, putative (CARP4)	-0,1937	0,08118
TcCLB.503717.71	trans-sialidase (pseudogene), putative	-0,1937	0,7979
TcCLB.503895.10	hypothetical protein, conserved	-0,1939	0,143
TcCLB.506357.160	hypothetical protein, conserved	-0,1939	0,3534
TcCLB.507565.10	dispersed gene family protein 1 (DGF-1, pseudogene), puta	-0,194	0,5478
TcCLB.505363.15	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	-0,194	0,6125
TcCLB.507047.140	hypothetical protein, conserved	-0,1941	0,1361
TcCLB.509033.70	hypothetical protein, conserved	-0,1941	0,2876
TcCLB.506267.101	surface protease GP63 (pseudogene), putative	-0,1941	0,6178
TcCLB.508647.230	synaptojanin (pseudogene), putative	-0,1942	0,02616
TcCLB.506559.70	hypothetical protein, conserved	-0,1942	0,1463
TcCLB.506519.80	hypothetical protein, conserved	-0,1942	0,2737

TcCLB.511527.50	AUT2/APG4/ATG4 cysteine peptidase, putative	-0,1943	0,1267
TcCLB.506673.40	hypothetical protein, conserved	-0,1943	0,1308
TcCLB.506821.30	glycosylphosphatidylinositol-specific phospholipase C	-0,1943	0,1749
TcCLB.508873.439	mucin TcMUCII (pseudogene), putative	-0,1943	0,7521
TcCLB.506509.30	hypothetical protein, conserved	-0,1945	0,1152
TcCLB.468941.9	ATP-dependent DEAD/H RNA helicase, putative (fragment)	-0,1946	0,1004
TcCLB.509561.110	hypothetical protein, conserved	-0,1947	0,1258
TcCLB.510877.110	hypothetical protein, conserved	-0,1948	0,01747
TcCLB.507795.20	hypothetical protein, conserved	-0,1948	0,21
TcCLB.506493.20	hypothetical protein	-0,1949	0,5558
TcCLB.510941.10	hypothetical protein, conserved	-0,195	0,138
TcCLB.510685.20	hypothetical protein	-0,195	0,2794
TcCLB.506577.80	trans-sialidase, Group VIII, putative	-0,1952	0,3119
TcCLB.507057.40	hypothetical protein, conserved	-0,1952	0,3567
TcCLB.510659.279	nucleic acid binding protein, putative	-0,1953	0,3199
TcCLB.510279.50	mucin TcMUCII (pseudogene), putative	-0,1954	0,7524
TcCLB.510943.190	myosin heavy chain MYA2-related, putative	-0,1956	0,06361
TcCLB.506581.40	hypothetical protein, conserved	-0,1957	0,1526
TcCLB.509021.9	dispersed gene family protein 1 (DGF-1), putative	-0,1957	0,7654
TcCLB.511603.300	mucin-associated surface protein (MASP), putative	-0,1958	0,5564
TcCLB.511277.120	hypothetical protein, conserved	-0,1959	0,09006
TcCLB.507001.70	syntaxin, putative	-0,196	0,2133
TcCLB.505807.160	hypothetical protein, conserved	-0,196	0,3212
TcCLB.508331.50	hypothetical protein, conserved	-0,1961	0,1983
TcCLB.509385.19	retrotransposon hot spot protein (RHS, pseudogene), putat	-0,1961	0,603
TcCLB.508851.180	14-3-3 protein 1, putative (14-3-3-I)	-0,1962	0,02235
TcCLB.511491.70	endosomal integral membrane protein, putative	-0,1962	0,08346
TcCLB.508301.10	hypothetical protein, conserved	-0,1962	0,2494
TcCLB.506587.44	hypothetical protein	-0,1962	0,3782
TcCLB.504013.100	ribosomal protein S19, putative	-0,1963	0,0161
TcCLB.507089.190	hypothetical protein, conserved	-0,1963	0,1364
TcCLB.509951.40	hypothetical protein	-0,1963	0,3851
TcCLB.511385.70	hypothetical protein	-0,1963	0,5418
TcCLB.505183.40	DNA repair and recombination protein RAD54, putative	-0,1965	0,03645
TcCLB.506241.190	hypothetical protein, conserved	-0,1966	0,2677
TcCLB.506519.130	guanosine monophosphate reductase, putative	-0,1967	0,05266
TcCLB.508153.70	hypothetical protein, conserved	-0,1967	0,2111
TcCLB.507209.30	hypothetical protein, conserved	-0,1968	0,05261
TcCLB.506135.100	hypothetical protein, conserved	-0,1968	0,3343
TcCLB.506893.25	U6 snRNA-associated Sm-like protein LSm6p	-0,1968	0,6088
TcCLB.504105.200	hypothetical protein, conserved	-0,1969	0,02656
TcCLB.506241.40	hypothetical protein, conserved	-0,1969	0,1467
TcCLB.511537.16	hypothetical protein, conserved	-0,1969	0,1954
TcCLB.510283.90	hypothetical protein, conserved	-0,197	0,1413
TcCLB.506815.50	hypothetical protein, conserved	-0,197	0,1544

TcCLB.506679.150	40S ribosomal protein S10, putative	-0,197	0,1784
TcCLB.510943.80	ABC transporter, putative	-0,1971	0,0304
TcCLB.510353.10	major vault protein, putative	-0,1972	0,0197
TcCLB.504427.280	hypothetical protein, conserved	-0,1974	0,1483
TcCLB.509161.149	hypothetical protein, conserved	-0,1974	0,4266
TcCLB.506883.100	GTP-binding protein, putative	-0,1975	0,1047
TcCLB.506801.70	hypothetical protein	-0,1975	0,1113
TcCLB.510965.20	mitochondrial inner membrane signal peptidase, putative	-0,1975	0,3948
TcCLB.506443.80	synaptojanin (N-terminal domain), putative	-0,1976	0,07108
TcCLB.511807.250	hypothetical protein, conserved	-0,1976	0,0874
TcCLB.504199.30	kinesin-like protein, putative	-0,1976	0,1451
TcCLB.509719.69	hypothetical protein, conserved	-0,1976	0,1829
TcCLB.507801.230	trans-sialidase (pseudogene), putative	-0,1976	0,4365
TcCLB.509623.10	hypothetical protein, conserved	-0,1977	0,1613
TcCLB.510759.200	hypothetical protein, conserved	-0,1978	0,1531
TcCLB.503823.169	kinetoplastid kinetochore protein 2, putative (fragment) (kl	-0,1979	0,1796
TcCLB.511323.30	hypothetical protein, conserved	-0,1979	0,2234
TcCLB.511237.110	cyclophilin, putative	-0,198	0,1724
TcCLB.510737.110	replication factor C, subunit 3, putative	-0,198	0,1944
TcCLB.503637.10	hypothetical protein, conserved	-0,198	0,2705
TcCLB.509509.50	hypothetical protein, conserved	-0,1981	0,2117
TcCLB.511577.4	CLC-type chloride channel, putative (fragment)	-0,1981	0,5302
TcCLB.507989.20	sigma-adaptin 3, putative	-0,1982	0,2949
TcCLB.510255.4	hypothetical protein, conserved	-0,1982	0,6154
TcCLB.510697.55	mucin TcMUCII (pseudogene), putative	-0,1985	0,6615
TcCLB.508125.14	mucin-associated surface protein (MASP), putative (fragm	-0,1985	0,6909
TcCLB.511021.20	hypothetical protein	-0,1986	0,3853
TcCLB.511181.10	hypothetical protein, conserved	-0,1987	0,1328
TcCLB.508999.40	hypothetical protein, conserved	-0,1989	0,1786
TcCLB.506591.69	hypothetical protein, conserved	-0,199	0,1094
TcCLB.508031.10	dispersed gene family protein 1 (DGF-1, pseudogene), puta	-0,1991	0,5216
TcCLB.508771.40	hypothetical protein, conserved	-0,1992	0,3048
TcCLB.509161.140	hypothetical protein, conserved	-0,1993	0,1317
TcCLB.509885.40	hypothetical protein, conserved	-0,1993	0,1339
TcCLB.507727.19	hypothetical protein	-0,1993	0,5343
TcCLB.508707.340	serine/threonine protein phosphatase, putative (fragment)	-0,1994	0,415
TcCLB.503965.30	hypothetical protein, conserved	-0,1995	0,2452
TcCLB.511531.59	mitogen activated protein kinase, putative	-0,1995	0,2893
TcCLB.508911.10	hypothetical protein, conserved	-0,1996	0,02996
TcCLB.506941.270	DNA-J protein, putative	-0,1996	0,1893
TcCLB.506767.389	surface protease GP63 (pseudogene), putative	-0,1996	0,7218
TcCLB.509067.30	mitochondrial RNA binding protein, putative	-0,1997	0,06654
TcCLB.509911.90	peptidase, putative	-0,1998	0,01795
TcCLB.503703.10	hypothetical protein, conserved	-0,1998	0,1938
TcCLB.510661.220	hypothetical protein, conserved	-0,1998	0,2089

TcCLB.511127.290	hypothetical protein, conserved	-0,2	0,08007
TcCLB.506885.394	hypothetical protein, conserved	-0,2	0,2392
TcCLB.510329.210	SNF1-related protein kinase catalytic subunit alpha, putative	-0,2001	0,03439
TcCLB.503789.40	signal recognition particle (pseudogene), putative	-0,2001	0,05801
TcCLB.507813.10	structural maintenance of chromosome 3 protein, putative	-0,2001	0,2719
TcCLB.506279.60	trans-sialidase, Group VI, putative	-0,2001	0,3546
TcCLB.506591.50	hypothetical protein, conserved (pseudogene)	-0,2002	0,02403
TcCLB.506247.20	hypothetical protein	-0,2002	0,1179
TcCLB.511713.9	hypothetical protein, conserved	-0,2003	0,4607
TcCLB.507005.20	hypothetical protein, conserved	-0,2004	0,1893
TcCLB.503861.30	trans-sialidase (pseudogene), putative	-0,2004	0,2824
TcCLB.511671.100	hypothetical protein, conserved	-0,2004	0,3607
TcCLB.511255.200	mucin-associated surface protein (MASP), putative	-0,2004	0,665
TcCLB.508707.149	hypothetical protein, conserved	-0,2005	0,2739
TcCLB.510997.50	ATP-dependent DEAD/H RNA helicase (pseudogene), putative	-0,2007	0,1528
TcCLB.510075.40	hypothetical protein, conserved	-0,2007	0,2453
TcCLB.507093.130	hypothetical protein, conserved	-0,2008	0,0668
TcCLB.419703.10	hypothetical protein	-0,2008	0,495
TcCLB.508355.300	hypothetical protein, conserved	-0,2009	0,1903
TcCLB.509047.50	metallo-beta-lactamase superfamily, putative	-0,2009	0,3113
TcCLB.511153.80	hypothetical protein	-0,201	0,238
TcCLB.507673.30	hypothetical protein, conserved	-0,2011	0,1868
TcCLB.503579.130	hypothetical protein, conserved	-0,2011	0,2362
TcCLB.510187.199	hypothetical protein, conserved	-0,2011	0,2713
TcCLB.508955.20	hypothetical protein, conserved	-0,2012	0,03636
TcCLB.507969.20	hypothetical protein, conserved	-0,2012	0,2394
TcCLB.507603.180	ubiquitin hydrolase, putative	-0,2013	0,06549
TcCLB.504045.90	hypothetical protein, conserved (pseudogene)	-0,2013	0,26
TcCLB.503823.80	hypothetical protein, conserved	-0,2013	0,3289
TcCLB.506537.130	protein kinase, putative	-0,2014	0,5373
TcCLB.511727.129	ribosomal protein L18, putative	-0,2015	0,02165
TcCLB.510311.10	hypothetical protein, conserved	-0,2015	0,08048
TcCLB.506375.20	hypothetical protein, conserved (pseudogene)	-0,2016	0,1125
TcCLB.505807.100	hypothetical protein, conserved	-0,2016	0,2162
TcCLB.506343.20	dispersed gene family protein 1 (DGF-1, pseudogene), putative	-0,2016	0,5289
TcCLB.511897.10	TFIIH basal transcription factor complex helicase subunit, putative	-0,2017	0,1139
TcCLB.508355.20	hypothetical protein, conserved	-0,2017	0,3758
TcCLB.507093.280	hypothetical protein	-0,2018	0,02623
TcCLB.509007.90	hypothetical protein	-0,2018	0,2548
TcCLB.507663.70	hypothetical protein, conserved	-0,2019	0,228
TcCLB.510897.80	hypothetical protein, conserved	-0,2019	0,3359
TcCLB.508461.470	hypothetical protein, conserved	-0,202	0,1228
TcCLB.504217.10	coatamer subunit epsilon (COPE)	-0,202	0,1893
TcCLB.511287.180	Associated kinase of Tb14-3-3, putative (AKB1)	-0,202	0,3881
TcCLB.507713.10	hypothetical protein, conserved	-0,202	0,4672



TcCLB.509597.4	hypothetical protein, conserved	-0,2021	0,1202
TcCLB.511277.220	hypothetical protein, conserved	-0,2021	0,1574
TcCLB.506289.30	hypothetical protein, conserved	-0,2021	0,2533
TcCLB.508121.90	mucin-associated surface protein (MASP, pseudogene), pu	-0,2021	0,6474
TcCLB.509237.20	hypothetical protein, conserved	-0,2022	0,04333
TcCLB.508233.40	hypothetical protein	-0,2022	0,1463
TcCLB.511277.380	hypothetical protein, conserved	-0,2022	0,4925
TcCLB.509551.95	anaphase promoting complex subunit protein, putative	-0,2022	0,5382
TcCLB.511183.210	mucin TcMUCII, putative	-0,2022	0,5827
TcCLB.511173.380	mucin TcMUCII (pseudogene), putative	-0,2023	0,7562
TcCLB.507521.80	hypothetical protein, conserved	-0,2024	0,1017
TcCLB.508909.230	calcium-transporting ATPase (pseudogene), putative	-0,2024	0,1691
TcCLB.509805.80	hypothetical protein, conserved	-0,2025	0,1209
TcCLB.506457.70	hypothetical protein, conserved	-0,2025	0,3187
TcCLB.509951.30	hypothetical protein, conserved	-0,2026	0,08812
TcCLB.506127.120	hypothetical protein, conserved	-0,2027	0,1763
TcCLB.508543.170	hypothetical protein, conserved	-0,2028	0,06088
TcCLB.510187.80	endonuclease V, putative	-0,2029	0,2383
TcCLB.506937.20	hypothetical protein, conserved	-0,2029	0,4774
TcCLB.510013.230	mucin-associated surface protein (MASP), putative	-0,2029	0,6609
TcCLB.507437.21	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	-0,203	0,718
TcCLB.508375.5	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	-0,2031	0,4426
TcCLB.510717.40	hypothetical protein, conserved	-0,2033	0,09177
TcCLB.506227.230	N-acetyltransferase complex ARD1 subunit, putative	-0,2033	0,1361
TcCLB.508521.18	trans-sialidase, putative (pseudogene)	-0,2033	0,6536
TcCLB.508169.90	eukaryotic translation initiation factor 3 subunit L, putative	-0,2034	0,01509
TcCLB.510311.110	hypothetical protein, conserved	-0,2034	0,1554
TcCLB.504057.80	Present in the outer mitochondrial membrane proteome 2:	-0,2035	0,06772
TcCLB.507063.270	histone deacetylase, putative	-0,2035	0,1074
TcCLB.511211.170	heat shock protein 70 (hsp70), putative	-0,2037	0,0106
TcCLB.508169.50	hypothetical protein, conserved	-0,2037	0,1532
TcCLB.505943.10	hypothetical protein, conserved	-0,2037	0,362
TcCLB.510747.100	hypothetical protein, conserved	-0,2038	0,1604
TcCLB.506445.80	hypothetical protein, conserved	-0,2038	0,1842
TcCLB.508539.30	hypothetical protein, conserved	-0,2038	0,2317
TcCLB.509539.30	fatty acid elongase, putative	-0,2038	0,3851
TcCLB.504001.10	hypothetical protein, conserved	-0,2039	0,03102
TcCLB.508207.250	mitotic cyclin, putative	-0,2039	0,2566
TcCLB.506393.40	trans-sialidase (pseudogene), putative	-0,2039	0,7294
TcCLB.510877.50	AP-3 complex subunit mu, putative (AP3M)	-0,204	0,06792
TcCLB.511435.30	MORN repeat-containing protein	-0,204	0,06913
TcCLB.509607.60	hypothetical protein	-0,2041	0,0753
TcCLB.509755.60	hypothetical protein, conserved (pseudogene)	-0,2041	0,6092
TcCLB.511429.30	conserved protein, unknown function	-0,2042	0,04619
TcCLB.507639.40	proteasome subunit beta type-5, putative	-0,2042	0,05746

TcCLB.510063.10	sigma-adaptin 3, putative	-0,2043	0,2852
TcCLB.504717.20	hypothetical protein, conserved	-0,2044	0,03744
TcCLB.504827.170	kinetoplastid kinetochore protein 2, putative (fragment) (kl	-0,2044	0,2289
TcCLB.508593.90	hypothetical protein, conserved	-0,2044	0,2563
TcCLB.511507.100	hypothetical protein, conserved	-0,2045	0,2825
TcCLB.511365.4	hypothetical protein, conserved (fragment)	-0,2045	0,3862
TcCLB.508479.280	hypothetical protein, conserved	-0,2046	0,1525
TcCLB.507093.63	RNA-binding protein, putative	-0,2046	0,1632
TcCLB.508015.40	hypothetical protein	-0,2046	0,4611
TcCLB.507787.150	hypothetical protein, conserved	-0,2048	0,04573
TcCLB.511229.9	replication factor C, subunit 4, putative	-0,2048	0,3943
TcCLB.506711.10	cAMP response protein, putative (CARP4)	-0,2049	0,04077
TcCLB.507031.29	nucleosome assembly protein, putative	-0,2049	0,04739
TcCLB.506479.74	Quinonprotein alcohol dehydrogenase-like protein, putative	-0,2049	0,1328
TcCLB.510307.330	dispersed gene family protein 1 (DGF-1), putative	-0,2049	0,2018
TcCLB.507021.100	hypothetical protein, conserved	-0,205	0,1058
TcCLB.508073.20	hypothetical protein	-0,205	0,2218
TcCLB.510271.20	dispersed gene family protein 1 (DGF-1, pseudogene), puta	-0,205	0,3947
TcCLB.503865.80	phosphatidylinositol 4-kinase, putative	-0,2051	0,2193
TcCLB.508273.91	hypothetical protein, conserved	-0,2051	0,5462
TcCLB.507071.210	mucin TcMUCII, putative	-0,2051	0,759
TcCLB.503599.30	hypothetical protein, conserved	-0,2052	0,2446
TcCLB.506661.160	hypothetical protein, conserved	-0,2052	0,5368
TcCLB.504427.190	hypothetical protein, conserved	-0,2053	0,1914
TcCLB.506835.150	zinc-binding protein (Yippee), putative	-0,2053	0,3209
TcCLB.419417.10	hypothetical protein, conserved	-0,2053	0,5585
TcCLB.507197.20	oxidoreductase-like protein, putative	-0,2054	0,0944
TcCLB.509643.70	Archaic translocase of outer membrane 11 kDa subunit, pu	-0,2055	0,1335
TcCLB.506567.140	hypothetical protein, conserved	-0,2055	0,4007
TcCLB.511473.3	hypothetical protein, conserved (pseudogene)	-0,2056	0,3742
TcCLB.511521.30	superoxide dismutase, putative	-0,2057	0,1138
TcCLB.509231.30	hypothetical protein	-0,2057	0,3835
TcCLB.506315.90	serine/threonine protein kinase, putative	-0,2058	0,06524
TcCLB.507723.120	U1A small nuclear ribonucleoprotein, putative	-0,2058	0,4108
TcCLB.503981.20	hypothetical protein, conserved	-0,2059	0,2759
TcCLB.507951.290	hypothetical protein, conserved	-0,2059	0,3486
TcCLB.509053.10	ubiquitin-protein ligase, putative	-0,206	0,1914
TcCLB.510289.90	hypothetical protein, conserved	-0,206	0,5193
TcCLB.504029.80	serine/threonine protein phosphatase, putative	-0,2061	0,1286
TcCLB.506879.109	protein kinase, putative	-0,2061	0,3611
TcCLB.510279.220	mucin TcMUC (pseudogene), putative	-0,2061	0,7219
TcCLB.510611.20	UDP-glucuronic acid/UDP-N-acetylgalactosamine transpor	-0,2062	0,2595
TcCLB.509229.140	hypothetical protein, conserved	-0,2065	0,06153
TcCLB.508881.80	DNA ligase, putative	-0,2065	0,2871
TcCLB.511115.40	transcription elongation factor s-II, putative	-0,2066	0,08627

TcCLB.504765.9	hypothetical protein, conserved (fragment)	-0,2066	0,09774
TcCLB.509179.60	hypothetical protein, conserved	-0,2066	0,1908
TcCLB.509925.70	dispersed gene family protein 1 (DGF-1), putative	-0,2066	0,3231
TcCLB.506611.10	mucin-associated surface protein (MASP), putative	-0,2066	0,6892
TcCLB.506319.5	hypothetical protein, conserved (fragment)	-0,2069	0,5716
TcCLB.507029.41	hypothetical protein	-0,207	0,527
TcCLB.508357.30	hypothetical protein, conserved	-0,2071	0,1916
TcCLB.510393.10	hypothetical protein, conserved	-0,2071	0,2585
TcCLB.508831.4	dynein heavy chain, putative	-0,2072	0,09252
TcCLB.511859.100	trans-sialidase (pseudogene), putative	-0,2073	0,1929
TcCLB.506363.100	hypothetical protein, conserved	-0,2075	0,1033
TcCLB.507519.70	hypothetical protein, conserved	-0,2075	0,1289
TcCLB.510451.10	trans-sialidase (pseudogene), putative	-0,2075	0,7557
TcCLB.507997.89	hypothetical protein, conserved	-0,2076	0,4821
TcCLB.510359.240	hypothetical protein, conserved	-0,2078	0,1843
TcCLB.503493.30	hypothetical protein, conserved	-0,2079	0,2278
TcCLB.506945.100	hypothetical protein, conserved	-0,2081	0,06246
TcCLB.506465.30	hypothetical protein, conserved	-0,2082	0,07802
TcCLB.506661.50	hypothetical protein, conserved	-0,2084	0,06475
TcCLB.510901.190	hypothetical protein, conserved	-0,2086	0,1087
TcCLB.511875.50	syntaxin binding protein (pseudogene), putative	-0,2086	0,1747
TcCLB.506957.110	SNF-7-like protein, putative	-0,2087	0,1264
TcCLB.506755.240	hypothetical protein, conserved	-0,2087	0,4988
TcCLB.511859.170	NADH-cytochrome b5 reductase, putative	-0,2088	0,09897
TcCLB.510807.20	hypothetical protein	-0,2088	0,7254
TcCLB.511409.10	PAB1-binding protein , putative	-0,209	0,005413
TcCLB.509027.60	kinetoplastid kinetochore protein 10, putative (kkt10)	-0,209	0,2432
TcCLB.506407.110	hypothetical protein, conserved	-0,209	0,3524
TcCLB.506999.20	hypothetical protein, conserved	-0,2091	0,04713
TcCLB.460747.20	hypothetical protein, conserved	-0,2091	0,08624
TcCLB.509455.20	hypothetical protein, conserved	-0,2091	0,1101
TcCLB.507265.30	DNA polymerase delta catalytic subunit, putative	-0,2091	0,258
TcCLB.506207.10	hypothetical protein, conserved	-0,2091	0,2979
TcCLB.510435.40	GPI transamidase component Tta1, putative (TTA1)	-0,2092	0,2134
TcCLB.504157.80	hypothetical protein, conserved	-0,2093	0,06759
TcCLB.510359.180	hypothetical protein, conserved	-0,2093	0,1973
TcCLB.507937.40	elongation factor 1-gamma (EF-1-gamma), putative	-0,2093	0,7303
TcCLB.509453.10	hypothetical protein, conserved	-0,2094	0,1104
TcCLB.507583.10	hypothetical protein, conserved	-0,2094	0,5417
TcCLB.509171.40	hypothetical protein, conserved	-0,2095	0,05346
TcCLB.508731.20	hypothetical protein, conserved	-0,2096	0,1756
TcCLB.509023.200	cdc2-related kinase 12 (CRK12)	-0,2097	0,06472
TcCLB.510911.30	Ras-related protein Rab4, putative (RAB4)	-0,2097	0,09568
TcCLB.507641.90	hypothetical protein, conserved	-0,2097	0,2118
TcCLB.508293.140	mucin-associated surface protein (MASP), putative	-0,2098	0,7762

TcCLB.511367.280	hypothetical protein, conserved	-0,21	0,1155
TcCLB.506147.20	hypothetical protein	-0,21	0,3776
TcCLB.510553.11	hypothetical protein, conserved (pseudogene)	-0,21	0,6039
TcCLB.509799.20	hypothetical protein, conserved	-0,2101	0,1206
TcCLB.420719.9	Associated kinase of Tb14-3-3, putative (AKB1)	-0,2101	0,2246
TcCLB.510995.9	dispersed gene family protein 1 (DGF-1), putative	-0,2101	0,5113
TcCLB.510121.80	hypothetical protein, conserved	-0,2102	0,06303
TcCLB.506629.150	hypothetical protein, conserved	-0,2102	0,155
TcCLB.509965.10	hypothetical protein, conserved (pseudogene)	-0,2103	0,1985
TcCLB.506495.3	hypothetical protein, conserved	-0,2103	0,427
TcCLB.506543.20	hypothetical protein, conserved	-0,2104	0,03855
TcCLB.508153.620	hypothetical protein, conserved	-0,2104	0,203
TcCLB.510599.14	acetyl-CoA carboxylase (fragment)	-0,2105	0,02268
TcCLB.508185.19	ubiquitin hydrolase, putative (fragment)	-0,2105	0,6035
TcCLB.508873.450	mucin-associated surface protein (MASP), putative	-0,2105	0,665
TcCLB.507257.180	hypothetical protein	-0,2106	0,07307
TcCLB.503407.20	SUMO1/Ulp2, putative	-0,2106	0,1246
TcCLB.510763.80	DNA polymerase epsilon subunit B, putative	-0,2106	0,1748
TcCLB.511483.30	hypothetical protein, conserved	-0,2106	0,176
TcCLB.511585.150	Meckel syndrome type 6 protein, putative (mks6)	-0,2107	0,03459
TcCLB.508325.300	hypothetical protein, conserved	-0,2107	0,406
TcCLB.510275.260	trans-sialidase (pseudogene), putative	-0,2107	0,5753
TcCLB.508015.10	hypothetical protein	-0,2108	0,4051
TcCLB.504055.10	hypothetical protein, conserved	-0,2109	0,2596
TcCLB.506529.130	WD repeat and HMG-box DNA-binding protein, putative	-0,2111	0,03585
TcCLB.507013.10	dolichol kinase, putative	-0,2111	0,119
TcCLB.505183.5	hypothetical protein, conserved (fragment)	-0,2111	0,2277
TcCLB.507001.50	hypothetical protein, conserved	-0,2112	0,05711
TcCLB.510287.20	dolicholphosphate-mannose synthase, putative	-0,2113	0,2037
TcCLB.510363.310	trans-sialidase (pseudogene), putative	-0,2113	0,6075
TcCLB.510555.21	hypothetical protein	-0,2114	0,6486
TcCLB.506867.20	vacuolar type h ATPase subunit, putative	-0,2115	0,102
TcCLB.481729.20	hypothetical protein, conserved	-0,2115	0,5097
TcCLB.506857.70	hypothetical protein, conserved	-0,2117	0,09621
TcCLB.509053.150	hypothetical protein, conserved	-0,2117	0,3179
TcCLB.507023.289	hypothetical protein, conserved (fragment)	-0,2117	0,3634
TcCLB.507681.120	hypothetical protein, conserved (pseudogene)	-0,2118	0,2192
TcCLB.506133.179	hypothetical protein	-0,2118	0,5512
TcCLB.510351.150	phosphoprotein phosphatase, putative	-0,2119	0,2852
TcCLB.469113.10	trans-sialidase (pseudogene), putative	-0,2119	0,4091
TcCLB.510269.50	mucin-associated surface protein (MASP), putative	-0,2119	0,4596
TcCLB.511911.110	RNA helicase, putative	-0,2122	0,07895
TcCLB.511517.150	hypothetical protein, conserved	-0,2122	0,2447
TcCLB.508817.170	hypothetical protein, conserved	-0,2122	0,2527
TcCLB.511315.44	hypothetical protein, conserved (pseudogene)	-0,2123	0,4071

TcCLB.506227.100	hypothetical protein, conserved	-0,2124	0,4008
TcCLB.511303.60	translation initiation factor, putative	-0,2126	0,004815
TcCLB.511277.280	hypothetical protein, conserved	-0,2126	0,04575
TcCLB.510305.30	lipin, putative	-0,2126	0,04808
TcCLB.504013.110	serine/threonine-protein phosphatase 2A, catalytic subunit	-0,2127	0,2014
TcCLB.511019.108	hypothetical protein, conserved	-0,2128	0,2193
TcCLB.506681.70	serine-threonine dehydratase, putative	-0,2128	0,2897
TcCLB.508543.120	hypothetical protein, conserved	-0,2128	0,3198
TcCLB.510725.60	hypothetical protein, conserved	-0,2128	0,3926
TcCLB.511529.240	hypothetical protein, conserved	-0,2129	0,04609
TcCLB.509429.250	ubiquitin hydrolase, putative	-0,2129	0,04706
TcCLB.508461.190	hypothetical protein, conserved	-0,2129	0,04834
TcCLB.510531.30	hypothetical protein, conserved	-0,213	0,05844
TcCLB.506407.40	hypothetical protein, conserved	-0,213	0,07059
TcCLB.508409.270	RNA-binding protein, putative	-0,213	0,08369
TcCLB.503697.50	hypothetical protein, conserved	-0,2131	0,0329
TcCLB.503823.30	hypothetical protein, conserved	-0,2132	0,1671
TcCLB.508827.120	hypothetical protein, conserved	-0,2132	0,1742
TcCLB.504443.10	cysteine peptidase, Clan CA, family C19, putative	-0,2134	0,08254
TcCLB.509641.60	hypothetical protein, conserved	-0,2135	0,2043
TcCLB.511589.150	hypothetical protein, conserved	-0,2135	0,27
TcCLB.506559.430	TPR-repeat protein, putative	-0,2137	0,01764
TcCLB.511277.460	hypothetical protein, conserved	-0,2137	0,1324
TcCLB.510777.20	aspartyl-tRNA synthetase, putative	-0,2138	0,02451
TcCLB.511365.70	proteasome regulatory non-ATP-ase subunit 9, putative (R)	-0,2138	0,05951
TcCLB.507773.30	RNA editing complex protein MP46, putative	-0,2138	0,171
TcCLB.510655.150	hypothetical protein, conserved	-0,2138	0,1938
TcCLB.503757.40	Casein kinase II subunit beta, putative	-0,2139	0,1535
TcCLB.509859.90	NAD-dependent deacetylase, putative (fragment)	-0,2139	0,5766
TcCLB.503909.50	hypothetical protein, conserved (YCF45)	-0,214	0,1056
TcCLB.503823.110	hypothetical protein, conserved	-0,214	0,2292
TcCLB.507259.10	tryparedoxin peroxidase, putative	-0,2141	0,01435
TcCLB.508781.30	hypothetical protein, conserved	-0,2141	0,09389
TcCLB.511467.60	hypothetical protein, conserved	-0,2141	0,1339
TcCLB.507105.30	hypothetical protein, conserved	-0,2142	0,08891
TcCLB.509123.5	trans-sialidase (pseudogene), putative	-0,2142	0,8175
TcCLB.511511.10	endosomal trafficking protein RME-8, putative	-0,2143	0,03183
TcCLB.509353.40	PTP1-interacting protein, 39 kDa, putative	-0,2143	0,07776
TcCLB.503923.30	hypothetical protein, conserved	-0,2143	0,1673
TcCLB.511287.60	hypothetical protein, conserved	-0,2144	0,01547
TcCLB.507895.124	hypothetical protein, conserved	-0,2146	0,008073
TcCLB.509261.30	3,2-trans-enoyl-CoA isomerase, mitochondrial precursor, p	-0,2146	0,02573
TcCLB.507047.100	hypothetical protein, conserved	-0,2146	0,08133
TcCLB.511625.120	hypothetical protein	-0,2147	0,6839
TcCLB.511191.10	tyrosyl-DNA Phosphodiesterase (Tdp1), putative	-0,2148	0,2134

TcCLB.506265.209	hypothetical protein, conserved (fragment)	-0,2148	0,6138
TcCLB.503781.50	hypothetical protein, conserved	-0,2149	0,1164
TcCLB.508699.110	elongation factor G2-like protein, putative	-0,2149	0,3044
TcCLB.508181.4	AGC/RSK family serine/threonine kinase, putative (fragme	-0,2149	0,5656
TcCLB.463297.10	hypothetical protein (fragment)	-0,2149	0,571
TcCLB.510439.61	heat shock 70 kDa protein, putative (fragment)	-0,2152	0,01894
TcCLB.506937.40	dynein heavy chain, putative	-0,2153	0,04906
TcCLB.511925.50	hypothetical protein, conserved	-0,2154	0,141
TcCLB.509063.20	hypothetical protein, conserved	-0,2154	0,1818
TcCLB.506855.260	thymidine kinase, putative	-0,2154	0,2271
TcCLB.510021.185	hypothetical protein	-0,2155	0,6962
TcCLB.511727.230	Repressor of differentiation kinase 1, putative (RDK1.2)	-0,2156	0,03304
TcCLB.508521.90	trans-sialidase (pseudogene), putative	-0,2156	0,3305
TcCLB.509547.40	mucin-associated surface protein (MASP), putative	-0,2156	0,6494
TcCLB.508641.260	DNA-directed RNA polymerase, mitochondrial (MTRNAP)	-0,2157	0,01125
TcCLB.511801.30	hypothetical protein, conserved	-0,2157	0,1412
TcCLB.510767.40	hypothetical protein, conserved	-0,2157	0,1877
TcCLB.507699.230	trans-sialidase, putative	-0,2157	0,4668
TcCLB.506147.70	hypothetical protein, conserved	-0,2158	0,1335
TcCLB.508625.70	mRNA capping methyltransferase, putative	-0,2158	0,2743
TcCLB.510285.20	hypothetical protein, conserved	-0,2161	0,03971
TcCLB.509647.90	chloride channel protein, putative	-0,2161	0,06301
TcCLB.506533.70	hypothetical protein, conserved	-0,2161	0,1431
TcCLB.504179.20	hypothetical protein, conserved	-0,2161	0,2403
TcCLB.508827.100	splicing factor 3B subunit 1, putative	-0,2163	0,0109
TcCLB.510491.30	hypothetical protein, conserved (pseudogene)	-0,2164	0,2035
TcCLB.508859.80	hypothetical protein, conserved	-0,2164	0,2065
TcCLB.503525.50	RNA helicase, putative	-0,2164	0,2381
TcCLB.511643.40	trans-sialidase, Group V, putative	-0,2164	0,3597
TcCLB.464879.9	ribonuclease L inhibitor, putative (fragment)	-0,2166	0,222
TcCLB.510131.90	hypothetical protein, conserved	-0,2167	0,07877
TcCLB.503877.10	hypothetical protein, conserved	-0,2167	0,232
TcCLB.504625.60	hydrogenase, putative	-0,2168	0,129
TcCLB.508613.50	hypothetical protein, conserved	-0,2169	0,02495
TcCLB.510663.80	hypothetical protein, conserved	-0,2169	0,1601
TcCLB.508817.70	DNA repair protein RAD50, putative	-0,217	0,003042
TcCLB.509617.50	hypothetical protein, conserved	-0,2171	0,1192
TcCLB.511499.40	hypothetical protein, conserved	-0,2171	0,2945
TcCLB.508899.70	hypothetical protein, conserved	-0,2172	0,1709
TcCLB.507771.40	phosphoglycerate mutase, putative (iPGAM)	-0,2173	0,2026
TcCLB.508153.200	kinesin, putative	-0,2174	0,09389
TcCLB.506505.50	hypothetical protein, conserved	-0,2175	0,04847
TcCLB.509033.80	hypothetical protein, conserved	-0,2175	0,06011
TcCLB.506661.120	hypothetical protein	-0,2175	0,1813
TcCLB.505155.4	trans-sialidase, putative (fragment)	-0,2175	0,6908

TcCLB.510901.220	hypothetical protein, conserved	-0,2176	0,08882
TcCLB.508637.79	DNA polymerase eta, putative	-0,2176	0,1287
TcCLB.506459.10	mucin-associated surface protein (MASP), putative	-0,2176	0,478
TcCLB.508547.100	hypothetical protein, conserved	-0,2177	0,1234
TcCLB.511771.156	retrotransposon hot spot protein (RHS, pseudogene), putat	-0,2177	0,1989
TcCLB.511365.100	hypothetical protein, conserved	-0,2177	0,2585
TcCLB.506603.46	hypothetical protein, conserved (pseudogene)	-0,2177	0,6936
TcCLB.506399.40	hypothetical protein, conserved	-0,2178	0,4112
TcCLB.503667.31	retrotransposon hot spot protein (RHS, pseudogene), putat	-0,2179	0,54
TcCLB.511499.10	hypothetical protein, conserved	-0,218	0,06209
TcCLB.507641.160	hypothetical protein, conserved	-0,2181	0,008112
TcCLB.510901.210	hypothetical protein, conserved	-0,2182	0,05187
TcCLB.506289.74	chaperone DNAJ protein, putative	-0,2182	0,1489
TcCLB.506315.100	protein phosphatase 2C, putative	-0,2183	0,06832
TcCLB.506469.20	hypothetical protein	-0,2183	0,09638
TcCLB.504131.160	hypothetical protein	-0,2184	0,152
TcCLB.508257.50	actin-like protein, putative	-0,2184	0,245
TcCLB.504037.20	hypothetical protein, conserved	-0,2186	0,07063
TcCLB.506891.20	wd40 repeat domain-containing protein	-0,2186	0,1643
TcCLB.510877.10	antigenic protein, putative	-0,2187	0,1405
TcCLB.511713.40	ribosome biogenesis protein TSR3, putative (tsr3)	-0,2187	0,2039
TcCLB.507061.30	iron superoxide dismutase, putative	-0,2187	0,2072
TcCLB.507835.70	dispersed gene family protein 1 (DGF-1), putative	-0,2187	0,2989
TcCLB.507093.240	hypothetical protein, conserved	-0,2188	0,02579
TcCLB.445553.10	hypothetical protein, conserved	-0,2188	0,1322
TcCLB.506701.20	Tob55, putative	-0,219	0,139
TcCLB.510737.90	hypothetical protein, conserved	-0,2191	0,2738
TcCLB.511153.50	haloacid dehalogenase hydrolase, putative	-0,2192	0,1999
TcCLB.503983.20	dihydroxyacetone kinase 1-like, putative	-0,2193	0,1004
TcCLB.510291.30	protein phosphatase 2C-like, putative	-0,2194	0,1869
TcCLB.506943.114	U6 snRNA-associated Sm-like protein LSm5p	-0,2194	0,3174
TcCLB.511089.80	trans-sialidase, Group V, putative	-0,2194	0,5938
TcCLB.511127.369	hypothetical protein, conserved	-0,2195	0,1355
TcCLB.503925.50	hypothetical protein, conserved	-0,2195	0,1951
TcCLB.506821.110	hypothetical protein, conserved	-0,2195	0,2285
TcCLB.439301.9	hypothetical protein, conserved	-0,2197	0,06707
TcCLB.509105.60	adenosine deaminase-like protein, putative (ADAT1h)	-0,2198	0,1502
TcCLB.511279.30	ARF-like 2-binding protein, putative	-0,2198	0,2816
TcCLB.511469.24	ADP-ribosylation factor-like 2, arl2, putative (ARL2)	-0,2198	0,4441
TcCLB.507677.120	hypothetical protein, conserved	-0,22	0,07214
TcCLB.511855.70	protein kinase, putative	-0,22	0,07922
TcCLB.506801.100	hypothetical protein, conserved	-0,2201	0,143
TcCLB.511071.181	hypothetical protein, conserved	-0,2202	0,08363
TcCLB.510743.80	hypothetical protein, conserved	-0,2202	0,1315
TcCLB.510729.130	DNA replication licensing factor MCM9, putative	-0,2203	0,06747

TcCLB.510167.29	exosome complex exonuclease, putative	-0,2203	0,1933
TcCLB.506699.3	hypothetical protein, conserved	-0,2203	0,2434
TcCLB.510691.30	hypothetical protein, conserved	-0,2206	0,09617
TcCLB.508409.140	hypothetical protein, conserved	-0,2207	0,1524
TcCLB.511281.40	mevalonate-diphosphate decarboxylase, putative	-0,2208	0,07008
TcCLB.508209.70	hypothetical protein, conserved	-0,2208	0,1443
TcCLB.507167.41	ATP-dependent DEAD/H RNA helicase (pseudogene), putative	-0,2209	0,6974
TcCLB.504827.60	hypothetical protein, conserved	-0,221	0,07438
TcCLB.506631.20	cardiolipin synthetase, putative (cls)	-0,2211	0,07935
TcCLB.508169.80	hypothetical protein, conserved	-0,2212	0,2325
TcCLB.506963.100	hypothetical protein, conserved	-0,2213	0,2818
TcCLB.508261.25	trans-sialidase (pseudogene), putative	-0,2214	0,06079
TcCLB.506517.130	hypothetical protein, conserved	-0,2214	0,08282
TcCLB.506885.200	hypothetical protein, conserved	-0,2215	0,007361
TcCLB.508899.20	hypothetical protein, conserved	-0,2215	0,02582
TcCLB.507711.349	hypothetical protein, conserved	-0,2215	0,3844
TcCLB.503697.90	Translation factor GUF1, mitochondrial, putative (GUF1)	-0,2216	0,03812
TcCLB.506255.10	hypothetical protein, conserved (pseudogene)	-0,2216	0,3844
TcCLB.503809.20	peroxin 12, putative (PEX12)	-0,2217	0,1299
TcCLB.511717.120	hypothetical protein, conserved	-0,2218	0,1113
TcCLB.510181.120	hypothetical protein, conserved	-0,2218	0,1276
TcCLB.507769.10	hypothetical protein, conserved	-0,2218	0,5243
TcCLB.507073.10	hypothetical protein, conserved	-0,2219	0,07259
TcCLB.511319.10	hypothetical protein, conserved	-0,222	0,03129
TcCLB.510525.10	protein kinase, putative	-0,2221	0,1628
TcCLB.508027.40	folate/pteridine transporter, putative	-0,2222	0,02239
TcCLB.511589.90	hypothetical protein, conserved	-0,2222	0,09869
TcCLB.510407.100	hypothetical protein, conserved	-0,2222	0,1187
TcCLB.511903.290	hypothetical protein, conserved	-0,2224	0,01696
TcCLB.510463.259	mucin-associated surface protein (MASP), putative (fragm)	-0,2224	0,6112
TcCLB.509965.340	hypothetical protein, conserved	-0,2225	0,06745
TcCLB.504115.5	trans-sialidase (pseudogene), putative	-0,2226	0,2344
TcCLB.507023.220	hypothetical protein, conserved	-0,2227	0,01749
TcCLB.504179.30	hypothetical protein, conserved	-0,2228	0,1937
TcCLB.510639.10	dispersed gene family protein 1 (DGF-1, pseudogene), putative	-0,2228	0,3441
TcCLB.511627.80	hypothetical protein, conserved	-0,2229	0,3306
TcCLB.504093.4	hypothetical protein, conserved	-0,2229	0,3348
TcCLB.503431.20	hypothetical protein, conserved	-0,223	0,216
TcCLB.506789.270	hypothetical protein, conserved	-0,2231	0,04368
TcCLB.509395.70	hypothetical protein, conserved	-0,2232	0,06981
TcCLB.510731.50	small nuclear RNA gene activation protein (SNAP) 50, putative	-0,2233	0,05494
TcCLB.504057.45	hypothetical protein, conserved	-0,2233	0,0849
TcCLB.504147.130	hypothetical protein, conserved	-0,2234	0,09521
TcCLB.508027.94	hypothetical protein, conserved	-0,2234	0,156
TcCLB.509317.80	succinate dehydrogenase subunit	-0,2236	0,09393



TcCLB.508461.143	hypothetical protein, conserved	-0,2238	0,3176
TcCLB.511873.10	trans-sialidase, Group V, putative	-0,2238	0,3586
TcCLB.508787.10	hypothetical protein, conserved	-0,2239	0,1692
TcCLB.508511.10	mucin-associated surface protein (MASP, pseudogene), pu	-0,2239	0,6938
TcCLB.503559.80	hypothetical protein	-0,224	0,09162
TcCLB.507519.160	hypothetical protein, conserved	-0,2241	0,1892
TcCLB.511731.24	hypothetical protein	-0,2242	0,08998
TcCLB.508369.50	acetyl-CoA carboxylase (fragment)	-0,2243	0,01403
TcCLB.511283.30	hypothetical protein, conserved	-0,2243	0,05115
TcCLB.504077.40	translation elongation factor EF-2, putative	-0,2243	0,06918
TcCLB.510301.40	hypothetical protein, conserved	-0,2243	0,1183
TcCLB.509099.150	cdc2-related kinase 9 (CRK9)	-0,2245	0,05727
TcCLB.506945.170	thiosulfate sulfurtransferase, mitochondrial, putative	-0,2246	0,176
TcCLB.506467.14	hypothetical protein, conserved	-0,2246	0,2351
TcCLB.510387.60	trans-sialidase (pseudogene), putative	-0,2247	0,3814
TcCLB.511283.109	AP-4 complex subunit sigma-1, putative	-0,2249	0,2197
TcCLB.507959.300	mucin-associated surface protein (MASP), putative	-0,2249	0,4992
TcCLB.511883.30	dispersed gene family protein 1 (DGF-1, pseudogene), puta	-0,225	0,2746
TcCLB.504057.170	protein kinase, putative	-0,2251	0,0779
TcCLB.508827.20	hypothetical protein, conserved	-0,2251	0,1565
TcCLB.511257.90	mucin-associated surface protein (MASP), putative	-0,2251	0,4781
TcCLB.511475.50	dispersed gene family protein 1 (DGF-1), putative	-0,2254	0,3128
TcCLB.509525.60	mucin TcMUCII, putative	-0,2254	0,76
TcCLB.507793.10	hypothetical protein, conserved	-0,2256	0,01598
TcCLB.509247.10	hypothetical protein, conserved	-0,2256	0,1444
TcCLB.511183.260	mucin-associated surface protein (MASP), putative	-0,2256	0,5816
TcCLB.509017.40	hypothetical protein, conserved	-0,2257	0,08746
TcCLB.506909.100	trans-sialidase, Group V, putative	-0,2257	0,5064
TcCLB.510243.70	hypothetical protein, conserved	-0,2259	0,03019
TcCLB.504129.10	hypothetical protein, conserved	-0,2259	0,4364
TcCLB.511901.20	hypothetical protein, conserved	-0,226	0,03212
TcCLB.503869.50	exosome-associated protein 1, putative (EAP1)	-0,226	0,07309
TcCLB.503575.54	hypothetical protein, conserved	-0,226	0,1405
TcCLB.511725.100	phosphatidylinositol-4-phosphate 5-kinase, putative	-0,2261	0,04178
TcCLB.506531.20	hypothetical protein, conserved	-0,2261	0,06244
TcCLB.509471.68	histone H3, putative	-0,2263	0,02327
TcCLB.509287.250	retrotransposon hot spot protein (RHS, pseudogene), putat	-0,2263	0,1277
TcCLB.508881.60	hypothetical protein, conserved	-0,2263	0,1402
TcCLB.509399.140	hypothetical protein, conserved	-0,2263	0,1475
TcCLB.507599.10	Ribosome biogenesis protein Tsr3, putative (fragment)	-0,2263	0,4735
TcCLB.504081.170	mucin-associated surface protein (MASP), putative	-0,2263	0,6202
TcCLB.509693.40	hypothetical protein, conserved	-0,2264	0,2373
TcCLB.510487.20	dispersed gene family protein 1 (DGF-1, pseudogene), puta	-0,2265	0,4138
TcCLB.506787.9	dispersed gene family protein 1 (DGF-1), putative (fragme	-0,2265	0,6707
TcCLB.510091.14	hypothetical protein, conserved	-0,2266	0,3424

TcCLB.506811.170	hypothetical protein, conserved	-0,2269	0,03114
TcCLB.510719.310	hypothetical protein, conserved	-0,2269	0,0396
TcCLB.510007.70	ATP-dependent zinc metallopeptidase, putative	-0,2269	0,08456
TcCLB.510265.14	hypothetical protein, conserved	-0,2269	0,1452
TcCLB.508273.60	hypothetical protein, conserved	-0,227	0,04172
TcCLB.509965.360	hypothetical protein, conserved	-0,227	0,2205
TcCLB.506147.170	hypothetical protein, conserved	-0,2271	0,02345
TcCLB.511421.80	Midasin, putative (pseudogene)	-0,2272	0,02104
TcCLB.507625.190	hypothetical protein, conserved	-0,2273	0,1017
TcCLB.510945.40	hypothetical protein, conserved	-0,2274	0,04784
TcCLB.504741.30	protein phosphatase 2C, putative	-0,2274	0,1552
TcCLB.504071.100	hypothetical protein, conserved	-0,2275	0,02396
TcCLB.504035.60	hypothetical protein, conserved	-0,2275	0,2183
TcCLB.507939.30	hypothetical protein, conserved	-0,2276	0,1316
TcCLB.511423.50	conserved protein, unknown function	-0,2277	0,05821
TcCLB.511277.520	protein kinase (pseudogene), putative	-0,2277	0,2168
TcCLB.506635.44	hypothetical protein, conserved	-0,2277	0,2299
TcCLB.511283.10	nuclear segregation protein, putative	-0,2278	0,01005
TcCLB.506857.60	peptidyl-prolyl cis-trans isomerase, putative (PAR45)	-0,2278	0,05329
TcCLB.506953.40	hypothetical protein, conserved	-0,2278	0,08292
TcCLB.504085.10	hypothetical protein, conserved	-0,2278	0,09911
TcCLB.507039.41	hypothetical protein, conserved	-0,2278	0,297
TcCLB.508871.150	mucin-associated surface protein (MASP), putative	-0,2278	0,4397
TcCLB.508965.50	hypothetical protein, conserved	-0,2279	0,04826
TcCLB.509643.30	hypothetical protein, conserved	-0,2279	0,0578
TcCLB.510029.50	hypothetical protein, conserved	-0,2279	0,1035
TcCLB.507829.10	cysteine peptidase, Clan CA, family C2, putative	-0,2279	0,1598
TcCLB.508707.20	As/Sb Reductase, putative (ACR2)	-0,2279	0,2504
TcCLB.511529.250	hypothetical protein	-0,228	0,09059
TcCLB.510459.30	dispersed gene family protein 1 (DGF-1), putative	-0,2282	0,5738
TcCLB.503831.40	mitochondrial DNA primase, putative	-0,2283	0,0596
TcCLB.511715.50	hypothetical protein, conserved (pseudogene)	-0,2285	0,1645
TcCLB.511311.60	hypothetical protein, conserved	-0,2285	0,2358
TcCLB.506265.60	hypothetical protein, conserved	-0,2286	0,01612
TcCLB.508153.40	hypothetical protein, conserved	-0,2286	0,2112
TcCLB.511919.30	hypothetical protein, conserved (pseudogene)	-0,2286	0,4863
TcCLB.503755.54	hypothetical protein, conserved	-0,2287	0,08581
TcCLB.511247.27	RNA editing 3' terminal uridylyl transferase 1, putative	-0,2287	0,1646
TcCLB.508461.420	30S Ribosomal protein S17, putative	-0,2288	0,07457
TcCLB.506559.170	8-oxoguanine DNA glycosylase, putative	-0,2289	0,033
TcCLB.509023.100	catalytic subunit of the vacuolar transporter chaperone 4, $\gamma$	-0,2292	0,06264
TcCLB.509167.180	kinesin, putative	-0,2294	0,03967
TcCLB.509871.31	ATP-dependent DEAD/H RNA helicase (pseudogene), putative	-0,2294	0,5637
TcCLB.507801.150	hypothetical protein, conserved	-0,2295	0,2781
TcCLB.506941.9	endosomal trafficking protein RME-8, putative	-0,2297	0,06748

TcCLB.506193.10	hypothetical protein, conserved	-0,2298	0,01833
TcCLB.506755.200	hypothetical protein, conserved	-0,2298	0,2085
TcCLB.508409.30	DNA-directed RNA polymerase II subunit 3, putative (RPB3	-0,2299	0,03631
TcCLB.508899.120	hypothetical protein, conserved	-0,2299	0,3948
TcCLB.506857.90	proteasome regulatory ATPase subunit 1, putative	-0,23	0,0222
TcCLB.507897.4	inositol polyphosphate 1-phosphatase, putative	-0,23	0,08761
TcCLB.508439.10	hypothetical protein, conserved	-0,23	0,3567
TcCLB.474937.9	acetyl-CoA carboxylase, putative	-0,2304	0,04212
TcCLB.510087.10	hypothetical protein, conserved	-0,2304	0,1676
TcCLB.511767.60	trans-sialidase (pseudogene), putative	-0,2305	0,09286
TcCLB.508799.20	chromatin binding protein, putative	-0,2306	0,114
TcCLB.507023.90	hypothetical protein, conserved	-0,2307	0,06641
TcCLB.510357.130	hypothetical protein, conserved	-0,2307	0,1727
TcCLB.509267.100	methionyl-tRNA formyltransferase, putative	-0,2308	0,1275
TcCLB.511503.9	hypothetical protein, conserved (pseudogene)	-0,2308	0,1766
TcCLB.511575.90	hypothetical protein	-0,2308	0,2164
TcCLB.511151.70	hypothetical protein, conserved	-0,2309	0,03291
TcCLB.503525.20	hypothetical protein, conserved	-0,2309	0,03358
TcCLB.509063.30	chaperonin HSP60/CNP60, putative	-0,2309	0,07686
TcCLB.510241.120	Peptide deformylase 2, putative (PDF2)	-0,2309	0,0916
TcCLB.504027.4	kinesin, putative (fragment)	-0,2309	0,2095
TcCLB.507031.40	hypothetical protein, conserved	-0,231	0,07487
TcCLB.506135.80	hypothetical protein, conserved	-0,231	0,2498
TcCLB.507603.30	PITH domain-containing protein	-0,231	0,2551
TcCLB.505983.20	nucleosome assembly protein-like protein, putative	-0,2311	0,004237
TcCLB.506503.10	hypothetical protein, conserved	-0,2311	0,1398
TcCLB.509875.25	trans-sialidase (pseudogene), putative	-0,2311	0,6412
TcCLB.510253.20	hypothetical protein, conserved	-0,2312	0,01725
TcCLB.509999.80	hypothetical protein, conserved	-0,2312	0,03951
TcCLB.508323.30	hypothetical protein, conserved	-0,2312	0,1136
TcCLB.508411.90	tfiih basal transcription factor complex helicase xpb subuni	-0,2313	0,0134
TcCLB.506709.30	hypothetical protein, conserved	-0,2313	0,08342
TcCLB.504427.180	hypothetical protein	-0,2313	0,1797
TcCLB.508815.170	protein kinase, putative	-0,2314	0,003004
TcCLB.511277.70	Elongation factor Tu, mitochondrial, putative (EF-Tu)	-0,2314	0,01175
TcCLB.507857.10	transcription elongation factor, putative	-0,2314	0,1091
TcCLB.504253.60	hypothetical protein, conserved (fragment)	-0,2314	0,511
TcCLB.503995.20	hypothetical protein, conserved	-0,2315	0,1344
TcCLB.504147.40	Mitochondrial N(5)-glutamine methyltransferase MTQ1, pi	-0,2316	0,02913
TcCLB.504075.6	dual specificity protein phosphatase, putative	-0,2316	0,1087
TcCLB.507721.10	hypothetical protein, conserved	-0,2316	0,1766
TcCLB.507823.20	hypothetical protein	-0,2317	0,08521
TcCLB.507297.20	cysteinyl-tRNA synthetase, putative	-0,2318	0,007053
TcCLB.507011.200	dihydroxyacetone kinase 1-like, putative	-0,2318	0,09148
TcCLB.510377.70	mucin TcMUCII, putative	-0,2318	0,8399

TcCLB.511301.140	potassium voltage-gated channel	-0,2319	0,1116
TcCLB.506173.140	dispersed gene family protein 1 (DGF-1), putative	-0,2319	0,2893
TcCLB.503829.70	hypothetical protein, conserved	-0,232	0,06088
TcCLB.503809.130	hypothetical protein, conserved	-0,232	0,1158
TcCLB.507035.30	dispersed gene family protein 1 (DGF-1), putative	-0,2321	0,155
TcCLB.506435.40	hypothetical protein, conserved	-0,2321	0,272
TcCLB.504137.70	hypothetical protein, conserved	-0,2322	0,1123
TcCLB.506999.130	hypothetical protein, conserved	-0,2323	0,02151
TcCLB.508779.80	hypothetical protein, conserved	-0,2323	0,07078
TcCLB.509917.6	ATP-dependent DEAD/H RNA helicase (pseudogene), putative	-0,2323	0,3503
TcCLB.507167.140	trans-sialidase (pseudogene), putative	-0,2323	0,527
TcCLB.503805.10	hypothetical protein, conserved	-0,2324	0,1535
TcCLB.510491.20	dynein light chain, putative	-0,2324	0,2398
TcCLB.508709.10	hypothetical protein, conserved	-0,2325	0,2458
TcCLB.504129.50	hypothetical protein, conserved (pseudogene)	-0,2325	0,3617
TcCLB.507485.60	hypothetical protein, conserved	-0,2326	0,06042
TcCLB.510609.80	hypothetical protein, conserved	-0,2328	0,2544
TcCLB.506895.10	hypothetical protein, conserved	-0,233	0,1695
TcCLB.507711.230	hypothetical protein, conserved	-0,2332	0,05114
TcCLB.504827.140	hypothetical protein, conserved	-0,2332	0,09247
TcCLB.508641.290	hypothetical protein, conserved	-0,2332	0,105
TcCLB.511725.174	small nuclear ribonucleoprotein Sm-G, putative	-0,2332	0,111
TcCLB.510119.60	hypothetical protein, conserved	-0,2332	0,211
TcCLB.506797.70	lysophospholipase, putative	-0,2333	0,04216
TcCLB.506207.30	hypothetical protein, conserved	-0,2333	0,1775
TcCLB.508533.50	hypothetical protein, conserved	-0,2334	0,003115
TcCLB.511217.150	hypothetical protein, conserved	-0,2334	0,1857
TcCLB.506363.60	f-actin capping protein beta subunit, putative	-0,2335	0,1575
TcCLB.506265.110	hypothetical protein, conserved	-0,2336	0,1516
TcCLB.511559.34	hypothetical protein, conserved	-0,2337	0,2931
TcCLB.511183.565	surface protease GP63 (pseudogene), putative	-0,2337	0,7081
TcCLB.508579.40	hypothetical protein, conserved	-0,2339	0,19
TcCLB.506479.67	hypothetical protein, conserved	-0,234	0,06291
TcCLB.506625.240	hypothetical protein, conserved	-0,2342	0,01503
TcCLB.503805.9	Quinonprotein alcohol dehydrogenase-like protein, putative	-0,2342	0,09597
TcCLB.506847.4	hypothetical protein, conserved	-0,2342	0,3477
TcCLB.508741.300	proteasome regulatory non-ATPase subunit 6, putative	-0,2343	0,01573
TcCLB.485889.16	hypothetical protein (fragment)	-0,2343	0,3138
TcCLB.506559.460	hypothetical protein	-0,2344	0,09049
TcCLB.506835.10	hypothetical protein, conserved	-0,2345	0,01166
TcCLB.505183.10	hypothetical protein, conserved	-0,2345	0,0944
TcCLB.511757.20	hypothetical protein, conserved	-0,2345	0,2416
TcCLB.509661.10	retrotransposon hot spot protein (RHS, pseudogene), putative	-0,2347	0,1361
TcCLB.509363.31	hypothetical protein	-0,2347	0,6196
TcCLB.511517.160	hypothetical protein, conserved	-0,2348	0,06254

TcCLB.508323.94	cyclophilin, putative	-0,2348	0,2904
TcCLB.509049.20	hypothetical protein, conserved	-0,2349	0,1028
TcCLB.508831.90	hypothetical protein, conserved	-0,2349	0,2672
TcCLB.510601.40	tubulin tyrosine ligase (pseudogene), putative	-0,2351	0,1814
TcCLB.507873.30	Double RNA binding domain protein 7 (DRBD7)	-0,2352	0,02507
TcCLB.511127.150	hypothetical protein, conserved	-0,2352	0,117
TcCLB.510747.120	hypothetical protein, conserved	-0,2353	0,07172
TcCLB.504151.50	hypothetical protein, conserved	-0,2353	0,2741
TcCLB.506489.40	hypothetical protein, conserved	-0,2355	0,08185
TcCLB.511559.30	ras-related GTP-binding protein, putative	-0,2355	0,1475
TcCLB.511419.80	phosphatidylinositol-4-phosphate 5-kinase related	-0,2356	0,1863
TcCLB.509965.200	hypothetical protein, conserved	-0,2358	0,175
TcCLB.511283.90	N-myristoyl transferase, putative	-0,2359	0,07138
TcCLB.509875.220	hypothetical protein, conserved	-0,236	0,06226
TcCLB.511737.60	hypothetical protein, conserved	-0,236	0,1001
TcCLB.508211.50	hypothetical protein, conserved	-0,236	0,1518
TcCLB.506835.131	hypothetical protein, conserved	-0,236	0,3534
TcCLB.507709.140	hypothetical protein, conserved	-0,2361	0,1135
TcCLB.503457.10	hypothetical protein	-0,2361	0,2032
TcCLB.508829.9	dynein heavy chain, putative (fragment)	-0,2362	0,07033
TcCLB.506945.300	V-type ATPase, C subunit, putative	-0,2363	0,04718
TcCLB.503909.60	hypothetical protein, conserved	-0,2364	0,1168
TcCLB.506649.80	RNA-binding protein, putative (DRBD3)	-0,2367	0,002622
TcCLB.504203.60	TPR-repeat-containing chaperone protein DNAJ, putative (f	-0,2367	0,06974
TcCLB.509429.230	hypothetical protein, conserved	-0,2367	0,2072
TcCLB.507541.50	casein kinase, putative (fragment)	-0,237	0,02422
TcCLB.507099.100	hypothetical protein, conserved	-0,237	0,1427
TcCLB.504163.80	hypothetical protein, conserved	-0,2371	0,07704
TcCLB.511421.217	hypothetical protein, conserved	-0,2371	0,1695
TcCLB.509319.50	hypothetical protein, conserved	-0,2372	0,002771
TcCLB.511677.10	dispersed gene family protein 1 (DGF-1), putative	-0,2372	0,1454
TcCLB.508355.114	hypothetical protein, conserved	-0,2373	0,251
TcCLB.511419.20	hypothetical protein, conserved	-0,2374	0,04997
TcCLB.509767.30	hypothetical protein	-0,2374	0,109
TcCLB.509895.50	hypothetical protein, conserved	-0,2375	0,02768
TcCLB.504239.80	syntaxin binding protein (pseudogene), putative	-0,2375	0,6437
TcCLB.509507.30	hypothetical protein, conserved	-0,2376	0,03678
TcCLB.510323.90	hypothetical protein, conserved	-0,2376	0,06396
TcCLB.506007.10	MP24, putative	-0,2376	0,2928
TcCLB.417993.10	dispersed gene family protein 1 (DGF-1, pseudogene), puta	-0,2376	0,7765
TcCLB.511733.120	hypothetical protein, conserved	-0,2377	0,02711
TcCLB.506945.140	hypothetical protein, conserved (pseudogene)	-0,2377	0,07728
TcCLB.508169.40	mitochondrial inner membrane signal peptidase, putative	-0,2377	0,2867
TcCLB.510201.40	trans-sialidase (pseudogene), putative	-0,2377	0,3337
TcCLB.508437.20	trans-sialidase (pseudogene), putative	-0,2377	0,5509

TcCLB.508723.70	hypothetical protein, conserved	-0,2378	0,004214
TcCLB.511289.110	hypothetical protein, conserved	-0,2378	0,1034
TcCLB.404073.20	actin, putative (fragment)	-0,2378	0,3732
TcCLB.511449.80	mucin-associated surface protein (MASP, pseudogene), pu	-0,2378	0,7383
TcCLB.511661.20	hypothetical protein, conserved	-0,238	0,04922
TcCLB.504085.20	exosome-associated protein 2, putative (EAP2)	-0,238	0,1094
TcCLB.510187.220	hypothetical protein, conserved	-0,238	0,1523
TcCLB.508761.110	trans-sialidase, Group VI, putative	-0,238	0,4297
TcCLB.507681.150	40S ribosomal protein S24E, putative	-0,2382	0,04096
TcCLB.504035.140	mismatch repair protein MLH1, putative	-0,2383	0,06015
TcCLB.510099.40	hypothetical protein, conserved	-0,2383	0,1024
TcCLB.511161.10	hypothetical protein, conserved (pseudogene)	-0,2383	0,3375
TcCLB.508367.20	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, pu	-0,2383	0,6022
TcCLB.506925.500	hypothetical protein, conserved	-0,2384	0,037
TcCLB.506697.40	helicase, putative	-0,2385	0,02134
TcCLB.510689.20	quinonoid dihydropteridine reductase, putative	-0,2385	0,07706
TcCLB.511727.234	hypothetical protein, conserved	-0,2385	0,08265
TcCLB.505807.190	polynucleotide kinase 3'-phosphatase, putative	-0,2385	0,1402
TcCLB.503703.80	hypothetical protein, conserved	-0,2385	0,1734
TcCLB.511903.70	hypothetical protein, conserved	-0,2385	0,243
TcCLB.508647.250	phosphotransferase, putative	-0,2386	0,02065
TcCLB.505965.20	hypothetical protein, conserved	-0,2386	0,1106
TcCLB.504239.30	mucin-associated surface protein (MASP), putative	-0,2386	0,6215
TcCLB.504427.130	5'-3' exoribonuclease C, putative (XRNC)	-0,2387	0,06763
TcCLB.507927.60	hypothetical protein, conserved	-0,2389	0,008648
TcCLB.509109.180	hypothetical protein, conserved	-0,2389	0,1033
TcCLB.508325.250	trans-sialidase (pseudogene), putative	-0,239	0,2315
TcCLB.510887.60	hypothetical protein, conserved	-0,2391	0,17
TcCLB.510657.90	hypothetical protein, conserved	-0,2392	0,2125
TcCLB.504253.10	hypothetical protein, conserved	-0,2393	0,01947
TcCLB.508163.140	mucin-associated surface protein (MASP), putative	-0,2393	0,3231
TcCLB.510443.40	hypothetical protein, conserved	-0,2394	0,07165
TcCLB.510731.30	hypothetical protein, conserved	-0,2394	0,07343
TcCLB.511753.70	hypothetical protein, conserved	-0,2395	0,02018
TcCLB.510423.40	hypothetical protein, conserved	-0,2396	0,01319
TcCLB.510301.60	hypothetical protein, conserved	-0,2396	0,07137
TcCLB.510317.30	polynucleotide adenylyltransferase, putative (PAP)	-0,2396	0,2167
TcCLB.510009.10	hypothetical protein, conserved	-0,2396	0,4611
TcCLB.506717.10	fatty acid elongase, putative	-0,2398	0,1828
TcCLB.463451.4	hypothetical protein, conserved	-0,2399	0,3237
TcCLB.510651.10	hypothetical protein, conserved	-0,2399	0,347
TcCLB.506941.90	ATP-dependent DEAD/H DNA helicase recQ family, putativ	-0,24	0,02431
TcCLB.508625.80	hypothetical protein, conserved	-0,24	0,07336
TcCLB.506559.129	eukaryotic translation initiation factor 2-alpha kinase, puta	-0,2402	0,02279
TcCLB.511643.80	hypothetical protein, conserved (pseudogene)	-0,2403	0,03809

TcCLB.508949.50	protein kinase, putative	-0,2404	0,1527
TcCLB.503879.90	hypothetical protein, conserved	-0,2406	0,05237
TcCLB.504867.80	DNA primase large subunit, putative (pril)	-0,2406	0,07506
TcCLB.506025.20	hypothetical protein, conserved	-0,2406	0,1023
TcCLB.503823.140	hypothetical protein, conserved	-0,2406	0,12
TcCLB.508247.40	mucin TcMUCII, putative	-0,2406	0,691
TcCLB.507019.30	ribosome biogenesis regulatory protein (RRS1), putative	-0,2407	0,06499
TcCLB.504109.40	hypothetical protein, conserved	-0,2407	0,12
TcCLB.508121.110	mucin-associated surface protein (MASP), putative	-0,2407	0,4661
TcCLB.506287.130	hypothetical protein, conserved	-0,2408	0,108
TcCLB.511507.10	hypothetical protein, conserved	-0,2408	0,3207
TcCLB.511353.10	FK506-binding protein (FKBP)-type peptidyl-prolyl isomera:	-0,2409	0,06785
TcCLB.504013.30	hypothetical protein, conserved	-0,241	0,2313
TcCLB.506559.280	hypothetical protein, conserved	-0,2413	0,02561
TcCLB.510761.30	RNA re-capping enzyme, cytoplasmic, putative (Ce1)	-0,2413	0,03062
TcCLB.510655.130	hypothetical protein, conserved	-0,2413	0,3487
TcCLB.507993.180	hypothetical protein, conserved	-0,2414	0,06109
TcCLB.511127.320	kinetoplastid kinetochore protein 10, putative (kkt10)	-0,2414	0,1278
TcCLB.506373.30	retrotransposon hot spot protein (RHS, pseudogene), putat	-0,2414	0,1558
TcCLB.511391.180	Golgi/lysosome glycoprotein 1, putative (GLP1)	-0,2415	0,00507
TcCLB.509173.9	hypothetical protein, conserved	-0,2415	0,1083
TcCLB.507977.9	hypothetical protein, conserved (pseudogene)	-0,2415	0,2428
TcCLB.508313.14	trans-sialidase, putative	-0,2415	0,595
TcCLB.510489.5	mucin-associated surface protein (MASP), putative	-0,2415	0,9006
TcCLB.507897.10	hypothetical protein, conserved	-0,2416	0,2048
TcCLB.509799.60	hypothetical protein, conserved	-0,2417	0,01016
TcCLB.510301.80	N-acetyltransferase subunit Nat1, putative	-0,2417	0,03168
TcCLB.510841.10	Kinesin-13 4b, putative (fragment) (KIN13-4b)	-0,2417	0,3882
TcCLB.508717.33	mitochondrial chaperone BCS1, putative	-0,2418	0,03952
TcCLB.506241.150	hypothetical protein	-0,2418	0,08566
TcCLB.506885.380	hypothetical protein, conserved	-0,2418	0,09389
TcCLB.511907.80	beta-ketoacyl-ACP reductase 2, putative	-0,2418	0,1168
TcCLB.508231.64	hypothetical protein, conserved	-0,2418	0,1696
TcCLB.506163.20	surface protease GP63, putative	-0,2418	0,3864
TcCLB.506637.50	hypothetical protein, conserved	-0,2419	0,1358
TcCLB.510283.130	hypothetical protein, conserved	-0,2419	0,1944
TcCLB.479481.10	mucin-associated surface protein (MASP), putative (fragm	-0,2419	0,6431
TcCLB.503719.30	hypothetical protein, conserved	-0,242	0,1952
TcCLB.506409.230	hypothetical protein, conserved	-0,2421	0,09842
TcCLB.511283.50	hypothetical protein, conserved	-0,2421	0,2991
TcCLB.506577.20	hypothetical protein	-0,2423	0,03636
TcCLB.506975.9	REL2, putative	-0,2423	0,3515
TcCLB.503977.30	mucin-associated surface protein (MASP), putative	-0,2423	0,5323
TcCLB.506985.30	proteasome alpha 3 subunit, putative	-0,2424	0,04259
TcCLB.511523.4	hypothetical protein, conserved	-0,2424	0,08898

TcCLB.506717.219	GMP synthase (pseudogene), putative	-0,2424	0,1019
TcCLB.505965.92	hypothetical protein, conserved (pseudogene)	-0,2424	0,3094
TcCLB.510961.30	mucin-associated surface protein (MASP), putative	-0,2425	0,5148
TcCLB.507723.90	hypothetical protein, conserved	-0,2427	0,1654
TcCLB.511719.41	hypothetical protein, conserved (fragment)	-0,2428	0,1004
TcCLB.510989.40	hypothetical protein, conserved	-0,2428	0,1234
TcCLB.507483.80	hypothetical protein, conserved	-0,2429	0,1006
TcCLB.511603.100	mucin-associated surface protein (MASP), putative	-0,2429	0,5359
TcCLB.506567.120	mitochondrial RNA binding protein, putative	-0,2431	0,1267
TcCLB.507735.30	hypothetical protein, conserved	-0,2431	0,1333
TcCLB.510303.60	hypothetical protein, conserved	-0,2431	0,1413
TcCLB.508153.890	hypothetical protein, conserved	-0,2433	0,002534
TcCLB.509243.50	sigma-adaptin 3, putative	-0,2434	0,196
TcCLB.511867.200	hypothetical protein, conserved	-0,2435	0,05059
TcCLB.509669.10	hypothetical protein, conserved	-0,2435	0,2647
TcCLB.508183.20	hypothetical protein, conserved	-0,2437	0,08125
TcCLB.506733.70	glycosyl transferase-like protein, putative	-0,2437	0,1798
TcCLB.506413.89	trans-sialidase, putative	-0,2439	0,0376
TcCLB.508153.600	actin-like protein, putative	-0,2439	0,1376
TcCLB.441967.9	hypothetical protein, conserved	-0,2439	0,1415
TcCLB.510889.352	retrotransposon hot spot (RHS) protein, putative (fragment)	-0,244	0,571
TcCLB.504171.59	pseudouridine synthase TruD, putative	-0,2443	0,1516
TcCLB.509823.10	hypothetical protein, conserved	-0,2443	0,2154
TcCLB.510747.114	hypothetical protein, conserved	-0,2443	0,4206
TcCLB.511717.130	hypothetical protein, conserved	-0,2444	0,1199
TcCLB.506895.60	hypothetical protein, conserved (pseudogene)	-0,2446	0,07713
TcCLB.510431.160	nucleolar GTP-binding protein 1, putative	-0,2447	0,06831
TcCLB.511911.120	DNA polymerase eta, putative	-0,2447	0,07415
TcCLB.506247.350	hypothetical protein, conserved	-0,2447	0,08298
TcCLB.510911.20	hypothetical protein, conserved	-0,2448	0,1019
TcCLB.507519.164	hypothetical protein, conserved	-0,2449	0,2525
TcCLB.506901.10	mucin TcMUCL, putative	-0,2449	0,8052
TcCLB.504105.130	Flagellum surface protein 179 (FS179)	-0,245	0,01618
TcCLB.509941.100	2,4-dienoyl-coa reductase fadh1, putative	-0,245	0,01648
TcCLB.508413.50	RNA-binding protein, putative	-0,245	0,01784
TcCLB.511559.70	phospholipid transporting ATPase-like protein (pseudogene)	-0,245	0,03459
TcCLB.511353.40	eukaryotic translation initiation factor 4E (eIF4E) interactir	-0,245	0,0877
TcCLB.505807.240	hypothetical protein, conserved	-0,2451	0,1419
TcCLB.479379.9	dynein heavy chain, putative	-0,2452	0,02371
TcCLB.503459.29	hypothetical protein, conserved	-0,2452	0,1427
TcCLB.511753.150	hypothetical protein, conserved	-0,2452	0,1771
TcCLB.510625.10	dispersed gene family protein 1 (DGF-1), putative	-0,2452	0,4462
TcCLB.510943.36	hypothetical protein, conserved	-0,2453	0,06409
TcCLB.508707.194	hypothetical protein, conserved	-0,2454	0,01867
TcCLB.503419.60	Enriched in surface-labeled proteome protein 15 (ESP15)	-0,2454	0,03677



TcCLB.510265.90	hypothetical protein, conserved	-0,2454	0,06976
TcCLB.508675.20	DNA excision repair protein, putative	-0,2455	0,01731
TcCLB.507061.34	hypothetical protein, conserved	-0,2455	0,1348
TcCLB.506743.220	hypothetical protein, conserved	-0,2455	0,3472
TcCLB.507681.130	hypothetical protein, conserved	-0,2456	0,007902
TcCLB.507039.10	iron superoxide dismutase, putative	-0,2456	0,01131
TcCLB.510187.540	amino acid permease, putative	-0,2456	0,04938
TcCLB.511439.90	hypothetical protein, conserved	-0,2456	0,5156
TcCLB.506581.10	dolicholphosphate-mannose synthase, putative (DPMS)	-0,2457	0,1669
TcCLB.508721.10	small GTPase, putative	-0,2458	0,08849
TcCLB.509073.119	proteasome regulatory non-ATP-ase subunit 7, putative	-0,2458	0,1155
TcCLB.510329.240	hypothetical protein, conserved	-0,2458	0,1687
TcCLB.511287.140	hypothetical protein, conserved	-0,2459	0,0143
TcCLB.507037.60	hypothetical protein, conserved	-0,246	0,01274
TcCLB.510897.3	A/G-specific adenine glycosylase (pseudogene), putative	-0,246	0,5081
TcCLB.506953.10	hypothetical protein, conserved (pseudogene)	-0,246	0,5447
TcCLB.510123.24	hypothetical protein, conserved	-0,2461	0,07485
TcCLB.509669.120	hypothetical protein, conserved (pseudogene)	-0,2461	0,0765
TcCLB.508475.40	hypothetical protein	-0,2461	0,3099
TcCLB.506459.160	mucin TcMUCII (pseudogene), putative	-0,2461	0,605
TcCLB.504039.70	hypothetical protein	-0,2461	0,7195
TcCLB.509059.20	hypothetical protein, conserved	-0,2462	0,03576
TcCLB.506177.150	hypothetical protein, conserved	-0,2462	0,0484
TcCLB.511909.10	hypothetical protein, conserved	-0,2463	0,006563
TcCLB.509525.410	mucin-associated surface protein (MASP, pseudogene), pu	-0,2463	0,5612
TcCLB.508349.39	RNA-binding protein, putative (fragment) (DRBD3)	-0,2464	0,04515
TcCLB.510455.10	dispersed gene family protein 1 (DGF-1), putative	-0,2466	0,6702
TcCLB.506297.40	hypothetical protein, conserved	-0,2467	0,001251
TcCLB.510657.70	hypothetical protein, conserved (pseudogene)	-0,2468	0,2379
TcCLB.506529.410	primase 2, putative	-0,2469	0,0157
TcCLB.510065.50	hypothetical protein, conserved	-0,2469	0,1564
TcCLB.510657.220	hypothetical protein, conserved	-0,2469	0,1842
TcCLB.511181.60	hypothetical protein, conserved	-0,247	0,07974
TcCLB.508479.310	hypothetical protein, conserved	-0,247	0,08347
TcCLB.509261.40	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, pu	-0,247	0,4181
TcCLB.508541.80	mucin TcMUCII, putative	-0,247	0,538
TcCLB.508827.139	Coatomer subunit gamma (fragment) (COPG)	-0,2471	0,01313
TcCLB.507993.369	sjogren s syndrome nuclear autoantigen 1, putative	-0,2471	0,1527
TcCLB.506203.40	hypothetical protein, conserved	-0,2472	0,00866
TcCLB.511285.20	hypothetical protein, conserved	-0,2472	0,01181
TcCLB.508909.300	hypothetical protein, conserved	-0,2472	0,07315
TcCLB.511421.160	hypothetical protein, conserved	-0,2473	0,1418
TcCLB.510187.330	hypothetical protein, conserved	-0,2474	0,02226
TcCLB.503909.100	mannosyltransferase, putative	-0,2474	0,09091
TcCLB.509103.4	protein kinase, putative	-0,2475	0,5086

TcCLB.511263.20	hypothetical protein, conserved	-0,2476	0,008438
TcCLB.508297.30	hypothetical protein, conserved	-0,2476	0,07176
TcCLB.507949.120	Transmembrane protein 231, putative	-0,2477	0,06641
TcCLB.503555.20	hypothetical protein, conserved	-0,2477	0,1209
TcCLB.407477.40	hypothetical protein, conserved	-0,2477	0,1595
TcCLB.508321.60	hypothetical protein, conserved	-0,2478	0,02583
TcCLB.508347.150	hypothetical protein, conserved	-0,2481	0,01681
TcCLB.508857.90	hypothetical protein, conserved	-0,2481	0,04995
TcCLB.510519.20	hypothetical protein, conserved	-0,2481	0,1226
TcCLB.509753.70	mucin-associated surface protein (MASP), putative	-0,2481	0,6534
TcCLB.511603.450	trans-sialidase, Group V, putative	-0,2481	0,6593
TcCLB.509399.110	hypothetical protein, conserved	-0,2482	0,06036
TcCLB.509023.140	hypothetical protein, conserved	-0,2482	0,1557
TcCLB.503801.60	hypothetical protein	-0,2482	0,1558
TcCLB.509795.20	hypothetical protein, conserved	-0,2482	0,1929
TcCLB.507611.230	trans-sialidase (pseudogene), putative	-0,2482	0,2226
TcCLB.508199.60	hypothetical protein, conserved	-0,2482	0,27
TcCLB.507277.10	hypothetical protein, conserved	-0,2483	0,1083
TcCLB.509991.20	conserved protein, unknown function	-0,2484	0,01886
TcCLB.510121.60	hypothetical protein, conserved	-0,2484	0,1067
TcCLB.508029.40	hypothetical protein	-0,2484	0,2494
TcCLB.511277.510	hypothetical protein, conserved	-0,2485	0,01347
TcCLB.506621.70	hypothetical protein, conserved	-0,2485	0,04248
TcCLB.509559.40	trans-sialidase (pseudogene), putative	-0,2485	0,2538
TcCLB.509601.110	hypothetical protein, conserved	-0,2486	0,1016
TcCLB.511661.10	hypothetical protein, conserved	-0,2487	0,00953
TcCLB.510741.220	hypothetical protein, conserved	-0,2487	0,03576
TcCLB.511733.30	hypothetical protein, conserved	-0,2488	0,1554
TcCLB.503929.40	hypothetical protein, conserved	-0,2488	0,2176
TcCLB.509937.160	hypothetical protein, conserved	-0,2489	0,01875
TcCLB.509065.110	hypothetical protein, conserved	-0,2489	0,02282
TcCLB.508879.190	hypothetical protein, conserved	-0,2489	0,07578
TcCLB.508909.339	hypothetical protein, conserved	-0,2489	0,08699
TcCLB.510609.110	ATP-dependent RNA helicase, putative	-0,2489	0,09291
TcCLB.508307.40	hypothetical protein, conserved	-0,2489	0,1853
TcCLB.506405.20	hypothetical protein, conserved	-0,2489	0,2729
TcCLB.511173.280	trans-sialidase, Group V, putative	-0,2489	0,4267
TcCLB.504089.30	hypothetical protein, conserved	-0,2491	0,02154
TcCLB.507529.45	hypothetical protein, conserved	-0,2491	0,2096
TcCLB.416891.19	hypothetical protein	-0,2491	0,3801
TcCLB.509143.10	hypothetical protein, conserved	-0,2492	0,01652
TcCLB.507957.60	mucin-associated surface protein (MASP, pseudogene), pu	-0,2492	0,5852
TcCLB.504625.70	kinetoplast DNA-associated protein, putative	-0,2493	0,01913
TcCLB.503967.10	hypothetical protein, conserved	-0,2493	0,08885
TcCLB.509179.40	hypothetical protein, conserved	-0,2493	0,1259

TcCLB.509687.19	dispersed gene family protein 1 (DGF-1), putative (fragme	-0,2494	0,4107
TcCLB.510553.25	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	-0,2494	0,6871
TcCLB.506481.39	hypothetical protein, conserved	-0,2496	0,009574
TcCLB.511743.20	hypothetical protein, conserved	-0,2496	0,03513
TcCLB.503745.10	hypothetical protein, conserved	-0,2496	0,06202
TcCLB.503881.30	retrotransposon hot spot (RHS) protein, putative	-0,2496	0,3179
TcCLB.417939.9	dispersed gene family protein 1 (DGF-1), putative	-0,2496	0,5169
TcCLB.511293.20	hypothetical protein, conserved	-0,2497	0,004003
TcCLB.511131.70	hypothetical protein, conserved	-0,2497	0,1128
TcCLB.511031.40	hypothetical protein, conserved	-0,2497	0,134
TcCLB.511861.7	elongation factor 1-gamma (EF-1-gamma), putative	-0,2498	0,5867
TcCLB.506245.60	trans-sialidase, Group V, putative	-0,2499	0,6071
TcCLB.506243.135	hypothetical protein, conserved (pseudogene)	-0,2501	0,4421
TcCLB.508465.120	syntaxin, putative	-0,2502	0,08046
TcCLB.509267.90	ATP-dependent RNA helicase, putative	-0,2502	0,1187
TcCLB.507641.150	hypothetical protein, conserved	-0,2503	0,009753
TcCLB.506871.150	hypothetical protein, conserved	-0,2505	0,03965
TcCLB.506009.100	ADP-ribosylation factor-like protein, putative	-0,2505	0,1346
TcCLB.506739.170	hypothetical protein, conserved	-0,2506	0,03302
TcCLB.509897.270	trans-sialidase, Group V, putative	-0,2506	0,2815
TcCLB.511291.129	hypothetical protein, conserved	-0,2507	0,2822
TcCLB.509789.59	hypothetical protein, conserved	-0,2508	0,007328
TcCLB.511421.10	hypothetical protein, conserved	-0,2508	0,01179
TcCLB.507023.10	epsilon-adaptin, putative	-0,2509	0,006301
TcCLB.506963.40	hypothetical protein, conserved	-0,2509	0,03971
TcCLB.507063.140	hypothetical protein, conserved	-0,2509	0,2433
TcCLB.507883.60	hypothetical protein, conserved	-0,251	0,06849
TcCLB.508231.220	hypothetical protein, conserved	-0,251	0,3219
TcCLB.509029.30	hypothetical protein, conserved	-0,2511	0,1844
TcCLB.511859.30	hypothetical protein, conserved	-0,2512	0,1093
TcCLB.510587.20	mucin-associated surface protein (MASP, pseudogene), pu	-0,2513	0,6993
TcCLB.507795.30	intraflagellar transport protein 27 (IFT27)	-0,2514	0,07558
TcCLB.508881.54	hypothetical protein, conserved	-0,2514	0,1056
TcCLB.510645.9	serine/threonine protein kinase, putative	-0,2515	0,03507
TcCLB.510755.50	ADP-ribosylation factor 1, putative (ARF1)	-0,2516	0,007556
TcCLB.505997.210	DNA-directed RNA polymerase III subunit, putative	-0,2516	0,2161
TcCLB.506139.110	mucin-associated surface protein (MASP), putative	-0,2516	0,6814
TcCLB.511283.40	syntaxin 5, putative	-0,2517	0,06814
TcCLB.510143.17	hypothetical protein, conserved	-0,2517	0,1243
TcCLB.506661.70	hypothetical protein, conserved	-0,2517	0,145
TcCLB.503717.5	mucin TcMUCII (pseudogene), putative	-0,2517	0,7333
TcCLB.511389.40	hypothetical protein, conserved	-0,2518	0,005988
TcCLB.506127.20	Nuclear RNA export factor (MEX67)	-0,2518	0,04225
TcCLB.506755.230	hypothetical protein, conserved	-0,2518	0,1687
TcCLB.510741.30	hypothetical protein, conserved	-0,2519	0,02013

TcCLB.508593.40	hypothetical protein, conserved	-0,252	0,1284
TcCLB.503957.25	trans-sialidase (pseudogene), putative	-0,252	0,4329
TcCLB.508785.4	hypothetical protein, conserved (fragment)	-0,2521	0,02559
TcCLB.503635.50	hypothetical protein, conserved	-0,2521	0,064
TcCLB.509893.29	hypothetical protein, conserved	-0,2521	0,1887
TcCLB.509525.320	mucin TcMUCII, putative	-0,2522	0,6535
TcCLB.504153.100	Tubulin cofactor C domain-containing protein 1, putative (t	-0,2523	0,04178
TcCLB.509023.50	kinesin, putative	-0,2524	0,02136
TcCLB.507591.15	trans-sialidase (pseudogene), putative	-0,2526	0,1397
TcCLB.509385.11	retrotransposon hot spot protein (RHS, pseudogene), putat	-0,2526	0,3926
TcCLB.506811.40	hypothetical protein, conserved	-0,2529	0,02771
TcCLB.508153.510	serine/threonine-protein kinase Nek, putative	-0,2529	0,05573
TcCLB.509757.30	stress-inducible protein STI1-like, putative	-0,2529	0,1623
TcCLB.509127.70	hypothetical protein, conserved	-0,253	0,05089
TcCLB.506855.270	hypothetical protein, conserved	-0,253	0,253
TcCLB.503757.49	hypothetical protein, conserved (fragment)	-0,253	0,5409
TcCLB.509569.10	hypothetical protein, conserved	-0,2533	0,1683
TcCLB.508409.250	hypothetical protein, conserved	-0,2534	0,1494
TcCLB.503659.20	mucin TcMUCII (pseudogene), putative	-0,2534	0,4629
TcCLB.506833.9	hypothetical protein, conserved	-0,2536	0,07173
TcCLB.509017.24	hypothetical protein, conserved	-0,2537	0,05675
TcCLB.509065.150	hypothetical protein, conserved	-0,2537	0,0869
TcCLB.507539.20	hypothetical protein, conserved	-0,2538	0,3959
TcCLB.508869.10	hypothetical protein	-0,2538	0,6205
TcCLB.506815.30	beta prime cop protein, putative	-0,2539	0,01085
TcCLB.504111.49	hypothetical protein, conserved	-0,2539	0,02735
TcCLB.506443.40	mitochondrial pyruvate carrier protein 2, putative	-0,2539	0,04824
TcCLB.503713.40	hypothetical protein	-0,2539	0,4082
TcCLB.507509.89	cleavage and polyadenylation specificity factor-like protein	-0,254	0,03584
TcCLB.506753.164	hypothetical protein, conserved	-0,254	0,292
TcCLB.511459.60	hypothetical protein, conserved	-0,2541	0,2284
TcCLB.507809.130	hypothetical protein, conserved	-0,2542	0,008178
TcCLB.506559.100	multidrug resistance-associated protein, putative	-0,2542	0,01589
TcCLB.511751.220	hypothetical protein, conserved	-0,2542	0,04319
TcCLB.508275.9	dynein heavy chain, putative (fragment)	-0,2543	0,05277
TcCLB.504153.150	Unc104-like kinesin, putative	-0,2544	0,005387
TcCLB.506803.20	trans-sialidase (pseudogene), putative	-0,2544	0,1369
TcCLB.504239.401	hypothetical protein, conserved (pseudogene)	-0,2544	0,7007
TcCLB.504103.20	hypothetical protein, conserved	-0,2545	0,0035
TcCLB.506671.70	dispersed gene family protein 1 (DGF-1), putative	-0,2547	0,3783
TcCLB.509643.10	hypothetical protein, conserved	-0,2547	0,4288
TcCLB.511255.360	mucin-associated surface protein (MASP), putative	-0,2547	0,5538
TcCLB.508207.190	hypothetical protein, conserved	-0,2548	0,03889
TcCLB.511383.40	hypothetical protein, conserved	-0,2548	0,06021
TcCLB.505183.160	hypothetical protein, conserved	-0,2549	0,07713

TcCLB.510195.9	dispersed gene family protein 1 (DGF-1), putative	-0,2549	0,2241
TcCLB.506025.10	hypothetical protein, conserved	-0,255	0,08454
TcCLB.509201.20	hypothetical protein, conserved	-0,2551	0,518
TcCLB.506863.80	serine/threonine protein phosphatase, putative	-0,2552	0,06699
TcCLB.506139.40	mucin-associated surface protein (MASP), putative	-0,2552	0,545
TcCLB.503823.150	hypothetical protein, conserved	-0,2553	0,08345
TcCLB.507389.50	hypothetical protein, conserved	-0,2553	0,08349
TcCLB.507641.140	ATP-dependent DEAD/H RNA helicase, putative	-0,2554	0,003708
TcCLB.507005.50	hypothetical protein	-0,2554	0,03955
TcCLB.511209.60	hypothetical protein, conserved	-0,2554	0,06761
TcCLB.506829.10	hypothetical protein, conserved	-0,2555	0,01536
TcCLB.511507.30	cyclosome subunit, putative	-0,2555	0,01602
TcCLB.507825.10	hypothetical protein, conserved	-0,2555	0,1858
TcCLB.509639.20	hypothetical protein, conserved	-0,2556	0,1132
TcCLB.509835.20	guanine nucleotide exchange factor subunit GCD2	-0,2557	0,06396
TcCLB.509625.20	hypothetical protein, conserved	-0,2557	0,3563
TcCLB.508221.580	mucin-associated surface protein (MASP), putative	-0,2557	0,639
TcCLB.508297.14	trans-sialidase (pseudogene), putative	-0,256	0,1218
TcCLB.505171.80	hypothetical protein, conserved	-0,2561	0,02504
TcCLB.507723.60	hypothetical protein	-0,2562	0,1858
TcCLB.510329.280	protein farnesyltransferase alpha subunit, putative	-0,2564	0,02329
TcCLB.506711.30	cyclin, putative	-0,2564	0,1227
TcCLB.508649.5	tryparedoxin peroxidase, putative (fragment)	-0,2565	0,0234
TcCLB.506363.50	hypothetical protein, conserved	-0,2566	0,009765
TcCLB.508515.110	hypothetical protein, conserved	-0,2569	0,01594
TcCLB.506649.10	hypothetical protein	-0,2569	0,1206
TcCLB.509047.20	hypothetical protein	-0,257	0,07405
TcCLB.509259.30	mucin-associated surface protein (MASP, pseudogene), pu	-0,257	0,3803
TcCLB.510565.150	surface protease GP63, putative	-0,2572	0,1294
TcCLB.509777.100	ubiquitin-activating enzyme, putative	-0,2574	0,03377
TcCLB.507049.70	hypothetical protein, conserved	-0,2574	0,1205
TcCLB.484949.9	AGC/RSK family serine/threonine kinase, putative (fragme	-0,2574	0,3509
TcCLB.509215.10	DNA polymerase delta catalytic subunit, putative	-0,2576	0,003086
TcCLB.506565.4	RNA-binding protein, putative	-0,2576	0,4789
TcCLB.508229.40	trans-sialidase, Group V, putative	-0,2577	0,1335
TcCLB.506475.40	MORN repeat-containing protein	-0,2578	0,01332
TcCLB.506755.180	hypothetical protein, conserved	-0,2578	0,1932
TcCLB.507021.80	hypothetical protein, conserved	-0,2579	0,09842
TcCLB.510765.70	60S ribosomal protein L5, putative	-0,258	0,02503
TcCLB.511257.20	hypothetical protein, conserved	-0,258	0,05444
TcCLB.508211.10	oxysterol-binding protein, putative	-0,258	0,133
TcCLB.508325.25	trans-sialidase (pseudogene), putative	-0,258	0,2699
TcCLB.413977.10	guide RNA associated protein, GAP1, putative	-0,2581	0,04198
TcCLB.504057.70	hypothetical protein, conserved	-0,2582	0,08546
TcCLB.508163.340	trans-sialidase (pseudogene), putative	-0,2582	0,6256

TcCLB.506885.140	trans-sialidase (pseudogene), putative	-0,2583	0,231
TcCLB.507603.40	proteasome beta-1 subunit, putative	-0,2584	0,02349
TcCLB.510141.4	hypothetical protein, conserved (fragment)	-0,2584	0,1298
TcCLB.508707.110	hypothetical protein, conserved	-0,2584	0,2498
TcCLB.506321.180	hypothetical protein	-0,2585	0,733
TcCLB.508461.360	hypothetical protein, conserved	-0,2586	0,01075
TcCLB.508891.20	hypothetical protein, conserved	-0,2586	0,03196
TcCLB.510283.150	hypothetical protein, conserved	-0,2587	0,2318
TcCLB.506473.14	Protein transport protein yif1, putative	-0,2588	0,09171
TcCLB.511245.40	hypothetical protein	-0,259	0,1022
TcCLB.511751.191	hypothetical protein (pseudogene)	-0,259	0,1323
TcCLB.507021.70	hypothetical protein, conserved	-0,2591	0,03617
TcCLB.506697.30	serine/threonine-protein kinase Nek, putative	-0,2591	0,03855
TcCLB.511127.190	hypothetical protein, conserved	-0,2591	0,05147
TcCLB.507081.120	hypothetical protein, conserved	-0,2592	0,07347
TcCLB.506945.180	hypothetical protein, conserved	-0,2593	0,007445
TcCLB.508641.90	hypothetical protein, conserved	-0,2593	0,02067
TcCLB.510575.40	hypothetical protein, conserved	-0,2593	0,06759
TcCLB.506855.70	hypothetical protein, conserved	-0,2594	0,01395
TcCLB.506407.60	hypothetical protein, conserved	-0,2594	0,1015
TcCLB.508633.10	trans-sialidase (pseudogene), putative	-0,2594	0,5454
TcCLB.508995.69	pseudouridine synthase TruD, putative (fragment)	-0,2596	0,04069
TcCLB.503527.20	hypothetical protein, conserved	-0,2596	0,06365
TcCLB.509099.59	hypothetical protein, conserved	-0,2596	0,1008
TcCLB.511109.20	hypothetical protein, conserved	-0,2596	0,1878
TcCLB.510565.141	hypothetical protein, conserved	-0,2596	0,2124
TcCLB.508355.110	hypothetical protein	-0,2597	0,05821
TcCLB.510747.110	hypothetical protein, conserved	-0,2597	0,1185
TcCLB.509033.44	hypothetical protein, conserved	-0,2597	0,5315
TcCLB.506971.80	mucin-associated surface protein (MASP), putative (fragm	-0,2598	0,551
TcCLB.508299.20	hypothetical protein, conserved	-0,26	0,1264
TcCLB.510257.40	hypothetical protein, conserved	-0,2602	0,1177
TcCLB.506511.80	hypothetical protein, conserved	-0,2603	0,02186
TcCLB.505025.130	mucin-associated surface protein (MASP), putative	-0,2603	0,6547
TcCLB.511281.59	hypothetical protein, conserved	-0,2604	0,0492
TcCLB.506359.90	hypothetical protein, conserved	-0,2604	0,05641
TcCLB.508231.210	hypothetical protein, conserved	-0,2607	0,02448
TcCLB.511135.40	hypothetical protein, conserved	-0,2608	0,1294
TcCLB.506267.39	mucin-associated surface protein (MASP, pseudogene), pu	-0,2608	0,2764
TcCLB.504157.110	dynein intermediate chain, putative	-0,2609	0,08454
TcCLB.509715.30	cullin-like protein, putative	-0,2611	0,03474
TcCLB.507677.20	hypothetical protein, conserved	-0,2612	0,1458
TcCLB.510689.89	hypothetical protein, conserved	-0,2612	0,4563
TcCLB.505123.20	hypothetical protein, conserved	-0,2612	0,477
TcCLB.509053.50	hypothetical protein, conserved	-0,2613	0,3502

TcCLB.504147.140	hypothetical protein	-0,2614	0,02306
TcCLB.507993.10	hypothetical protein, conserved	-0,2614	0,04917
TcCLB.504255.10	hypothetical protein, conserved	-0,2614	0,1247
TcCLB.510241.110	hypothetical protein, conserved	-0,2615	0,00373
TcCLB.508207.270	hypothetical protein, conserved	-0,2616	0,01648
TcCLB.510517.100	hypothetical protein, conserved	-0,2617	0,1146
TcCLB.507669.50	hypothetical protein, conserved	-0,2618	0,00149
TcCLB.509429.100	PITH domain-containing protein	-0,2618	0,07623
TcCLB.503521.10	hypothetical protein	-0,2619	0,03592
TcCLB.506531.40	hypothetical protein, conserved	-0,2619	0,04305
TcCLB.506585.50	hypothetical protein, conserved	-0,2619	0,05854
TcCLB.506979.10	hypothetical protein, conserved	-0,2619	0,06373
TcCLB.506655.7	phospholipid-transporting ATPase, putative (fragment)	-0,2619	0,1524
TcCLB.506317.30	hypothetical protein, conserved (pseudogene)	-0,262	0,05873
TcCLB.511079.25	mucin-associated surface protein (MASP, pseudogene), pu	-0,262	0,5655
TcCLB.510743.110	hypothetical protein, conserved	-0,2621	0,09114
TcCLB.482097.10	hypothetical protein, conserved (fragment)	-0,2621	0,3885
TcCLB.506671.41	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	-0,2621	0,7159
TcCLB.506529.669	hypothetical protein, conserved	-0,2622	0,2117
TcCLB.506513.200	histone H2A, putative	-0,2622	0,7155
TcCLB.511151.50	phosphoadenosine phosphosulfate reductase-like protein,	-0,2623	0,02931
TcCLB.510687.20	hypothetical protein, conserved	-0,2623	0,08919
TcCLB.510595.4	hypothetical protein, conserved	-0,2623	0,2773
TcCLB.506599.310	mucin-associated surface protein (MASP), putative	-0,2623	0,7026
TcCLB.509719.30	hypothetical protein, conserved	-0,2625	0,1041
TcCLB.503765.10	trans-sialidase (pseudogene), putative	-0,2625	0,2562
TcCLB.510535.60	CCR4 associated factor, putative	-0,2626	0,02091
TcCLB.504253.20	hypothetical protein, conserved	-0,2626	0,04061
TcCLB.509695.80	hypothetical protein, conserved	-0,2626	0,04418
TcCLB.507603.130	hypothetical protein, conserved	-0,2626	0,09018
TcCLB.506435.180	hypothetical protein, conserved	-0,2627	0,1874
TcCLB.511145.89	hypothetical protein, conserved	-0,2627	0,2169
TcCLB.511099.190	mucin-associated surface protein (MASP), putative	-0,2627	0,5247
TcCLB.508633.20	trans-sialidase, Group V, putative	-0,2627	0,5804
TcCLB.507887.20	ubiquitin hydrolase, putative	-0,2629	0,004155
TcCLB.507801.140	TPR-repeat protein, putative	-0,2629	0,03319
TcCLB.511239.40	hypothetical protein, conserved	-0,2629	0,0332
TcCLB.506179.50	hypothetical protein, conserved	-0,2631	0,08607
TcCLB.511349.61	retrotransposon hot spot protein (RHS, pseudogene), putat	-0,2631	0,6593
TcCLB.509897.190	hypothetical protein, conserved (pseudogene)	-0,2632	0,02606
TcCLB.511355.7	TFIID-like protein, putative (fragment)	-0,2632	0,1044
TcCLB.507979.20	hypothetical protein, conserved	-0,2632	0,1216
TcCLB.507011.269	6-phosphogluconate dehydrogenase, decarboxylating (6PG	-0,2632	0,2388
TcCLB.506739.150	60S ribosomal protein L13a, putative	-0,2633	0,000252
TcCLB.506825.190	hypothetical protein	-0,2633	0,01952

TcCLB.506473.20	DnaJ chaperone protein, putative	-0,2633	0,02828
TcCLB.511417.120	DNA repair protein BRCA2 (pseudogene), putative	-0,2633	0,04379
TcCLB.511423.160	RWD domain-containing protein	-0,2634	0,1565
TcCLB.510299.60	hypothetical protein, conserved	-0,2635	0,1833
TcCLB.509637.27	hypothetical protein, conserved	-0,2637	0,09945
TcCLB.506529.14	hypothetical protein, conserved	-0,2637	0,1624
TcCLB.506445.121	heat shock protein DNAJ, putative (fragment)	-0,2638	0,3042
TcCLB.509671.164	hypothetical protein, conserved	-0,2639	0,1037
TcCLB.509029.110	hypothetical protein, conserved	-0,264	0,04601
TcCLB.504203.29	tRNA-dihydrouridine synthase 2, putative	-0,2641	0,2083
TcCLB.511491.80	mitogen-activated protein kinase, putative	-0,2642	0,04465
TcCLB.507257.60	Fumarate hydratase class I, cytosolic (FHc)	-0,2642	0,1037
TcCLB.503823.100	hypothetical protein, conserved	-0,2643	0,08625
TcCLB.509053.90	hypothetical protein, conserved	-0,2644	0,08487
TcCLB.509965.130	hypothetical protein, conserved	-0,2644	0,2433
TcCLB.508553.20	hypothetical protein	-0,2645	0,5753
TcCLB.504147.150	ATP-dependent DEAD/H RNA helicase, putative	-0,2646	0,002263
TcCLB.507101.20	hypothetical protein (pseudogene)	-0,2646	0,3743
TcCLB.511903.240	hypothetical protein, conserved	-0,2647	0,03143
TcCLB.511761.30	hypothetical protein, conserved	-0,2647	0,1171
TcCLB.507603.20	translation initiation factor EIF-2b alpha subunit, putative	-0,2648	0,1405
TcCLB.508355.170	hypothetical protein, conserved	-0,2649	0,02705
TcCLB.505931.10	surface protease GP63, putative	-0,2649	0,132
TcCLB.503917.35	B9 domain-containing protein 2 (b9d2)	-0,2649	0,2345
TcCLB.510685.30	RNA polymerase IIA largest subunit, putative	-0,265	0,01509
TcCLB.510329.270	Fumarate hydratase class I, cytosolic (FHc)	-0,265	0,1887
TcCLB.508269.50	hypothetical protein, conserved	-0,2651	0,01546
TcCLB.510625.40	trans-sialidase, Group V, putative	-0,2651	0,5135
TcCLB.506195.70	PrimPol-like protein 2, putative (ppl2)	-0,2653	0,02621
TcCLB.405737.14	hypothetical protein	-0,2655	0,1227
TcCLB.511419.60	NADH-ubiquinone oxidoreductase complex I subunit, putative	-0,2656	0,06001
TcCLB.504171.10	hypothetical protein, conserved	-0,2656	0,1371
TcCLB.506741.90	mucin-associated surface protein (MASP), putative	-0,2656	0,4061
TcCLB.506885.480	trans-sialidase, Group V, putative	-0,2657	0,4047
TcCLB.506473.6	hypothetical protein, conserved	-0,2659	0,05741
TcCLB.511003.210	hypothetical protein, conserved	-0,2659	0,08677
TcCLB.508895.70	membrane protein, putative	-0,266	0,1332
TcCLB.508257.200	hypothetical protein, conserved	-0,2662	0,007328
TcCLB.503885.90	hypothetical protein, conserved	-0,2662	0,01573
TcCLB.509639.10	procyclic form surface phosphoprotein, putative	-0,2662	0,08377
TcCLB.510227.29	thioredoxin, putative (fragment)	-0,2663	0,003378
TcCLB.511727.280	hypothetical protein, conserved	-0,2663	0,004394
TcCLB.510265.40	hypothetical protein, conserved	-0,2663	0,005731
TcCLB.506859.160	hypothetical protein, conserved	-0,2663	0,01426
TcCLB.508745.11	trans-sialidase, putative (fragment)	-0,2663	0,5447



TcCLB.509805.100	hypothetical protein, conserved	-0,2664	0,01326
TcCLB.510659.170	denn domain-containing protein	-0,2664	0,08479
TcCLB.511255.160	trans-sialidase (pseudogene), putative	-0,2664	0,5846
TcCLB.503841.20	AMPK subunit gamma (AMPKG)	-0,2665	0,03285
TcCLB.506503.100	U3 snoRNA-associated protein UTP11, putative	-0,2665	0,09206
TcCLB.511717.70	hypothetical protein, conserved	-0,2666	0,08104
TcCLB.510575.100	hypothetical protein, conserved	-0,2668	0,09148
TcCLB.508577.120	hypothetical protein, conserved	-0,2668	0,1264
TcCLB.506587.10	hypothetical protein, conserved	-0,2668	0,1732
TcCLB.503771.40	syntaxin binding protein (pseudogene), putative	-0,2668	0,5899
TcCLB.508627.21	retrotransposon hot spot protein (RHS, pseudogene), putat	-0,2669	0,3818
TcCLB.506781.50	dispersed gene family protein 1 (DGF-1), putative	-0,2669	0,4128
TcCLB.511667.10	hypothetical protein, conserved	-0,267	0,5367
TcCLB.506855.110	hypothetical protein, conserved	-0,2671	0,03333
TcCLB.503989.60	protein phosphatase 2C, putative (fragment)	-0,2671	0,1565
TcCLB.508173.120	trans-sialidase, Group I, putative	-0,2672	0,002853
TcCLB.503897.40	hypothetical protein, conserved	-0,2672	0,01546
TcCLB.507743.9	tyrosine protein kinase, putative	-0,2672	0,04191
TcCLB.510969.20	hypothetical protein, conserved	-0,2673	0,08396
TcCLB.506351.60	hypothetical protein, conserved	-0,2675	0,06276
TcCLB.507771.99	hypothetical protein, conserved	-0,2675	0,2455
TcCLB.447255.29	multidrug resistance-associated protein, putative	-0,2675	0,2722
TcCLB.510943.110	hypothetical protein, conserved	-0,2676	0,02829
TcCLB.511317.20	hypothetical protein, conserved	-0,2678	0,04662
TcCLB.505999.40	DNA repair protein BRCA2, putative	-0,2678	0,06745
TcCLB.510025.160	mucin-associated surface protein (MASP), putative	-0,2678	0,6195
TcCLB.503461.40	succinyl-CoA:3-ketoacid-coenzyme-A transferase (pseudog	-0,268	0,4202
TcCLB.504057.11	phospholipid-translocating ATPase, putative	-0,2681	0,006043
TcCLB.504221.20	26S proteasome regulatory non-ATPase subunit, putative	-0,2681	0,02449
TcCLB.511231.30	hypothetical protein, conserved	-0,2682	0,0461
TcCLB.508431.80	trans-sialidase (pseudogene), putative	-0,2682	0,3906
TcCLB.508761.40	trans-sialidase, Group V, putative	-0,2682	0,4279
TcCLB.511361.60	hypothetical protein	-0,2683	0,0253
TcCLB.507957.160	mucin-associated surface protein (MASP), putative	-0,2683	0,5096
TcCLB.503671.10	Aminopeptidase M1, putative (fragment)	-0,2684	0,04172
TcCLB.506559.80	Sir2-related protein 3, putative (SIR2rp3)	-0,2684	0,1332
TcCLB.506415.10	dispersed gene family protein 1 (DGF-1), putative	-0,2685	0,006563
TcCLB.505807.60	hypothetical protein, conserved	-0,2685	0,01596
TcCLB.507541.10	hypothetical protein, conserved	-0,2685	0,2063
TcCLB.504881.10	hypothetical protein, conserved	-0,2686	0,04913
TcCLB.503923.10	hypothetical protein, conserved	-0,2686	0,05561
TcCLB.509157.210	hypothetical protein, conserved	-0,2686	0,2698
TcCLB.503809.68	glycerol uptake protein (pseudogene), putative	-0,2687	0,407
TcCLB.506625.220	hypothetical protein, conserved	-0,2688	0,03666
TcCLB.511109.110	hypothetical protein, conserved	-0,2688	0,2513

TcCLB.510769.140	hypothetical protein, conserved	-0,2689	0,07392
TcCLB.503935.4	hypothetical protein, conserved (pseudogene)	-0,2689	0,2039
TcCLB.507357.20	hypothetical protein	-0,2689	0,5018
TcCLB.508989.90	Eukaryotic translation initiation factor 4 gamma type 5, pu	-0,269	0,001728
TcCLB.503835.10	hypothetical protein, conserved	-0,2691	0,1949
TcCLB.506677.4	hypothetical protein, conserved	-0,2691	0,5695
TcCLB.504243.49	hypothetical protein, conserved (fragment)	-0,2692	0,07249
TcCLB.510359.310	eukaryotic translation initiation factor 2 subunit, putative	-0,2693	0,006415
TcCLB.509807.20	hypothetical protein, conserved	-0,2694	0,02719
TcCLB.508695.20	phosphatidylinositol 4-kinase, putative	-0,2696	0,02299
TcCLB.503863.9	hypothetical protein, conserved	-0,2696	0,1125
TcCLB.503881.39	ribosomal protein L38, putative	-0,2698	0,02749
TcCLB.506247.460	hypothetical protein, conserved	-0,27	0,05933
TcCLB.508153.110	hypothetical protein	-0,2701	0,1502
TcCLB.509081.60	syntaxin binding protein (pseudogene), putative	-0,2701	0,4048
TcCLB.508891.40	hypothetical protein, conserved	-0,2702	0,04454
TcCLB.506625.90	hypothetical protein, conserved	-0,2702	0,1206
TcCLB.511727.30	hypothetical protein, conserved	-0,2703	0,005359
TcCLB.506249.40	hypothetical protein, conserved	-0,2703	0,03874
TcCLB.508429.40	mucin-associated surface protein (MASP, pseudogene), pu	-0,2703	0,6039
TcCLB.504069.53	proteasome subunit alpha type-5, putative	-0,2705	0,005385
TcCLB.503449.40	hypothetical protein, conserved	-0,2706	0,08196
TcCLB.509551.80	hypothetical protein, conserved	-0,2706	0,1064
TcCLB.508479.150	serine/threonine protein kinase, putative	-0,2707	0,00652
TcCLB.503579.50	hypothetical protein, conserved	-0,2707	0,007331
TcCLB.507257.100	hypothetical protein, conserved	-0,2707	0,05809
TcCLB.508899.10	proteasome regulatory non-ATP-ase subunit 9, putative (fr	-0,2707	0,0784
TcCLB.507709.30	hypothetical protein, conserved	-0,2707	0,1041
TcCLB.479961.20	retrotransposon hot spot protein (RHS, pseudogene), putat	-0,2707	0,1828
TcCLB.510431.180	Present in the outer mitochondrial membrane proteome 1:	-0,2708	0,03725
TcCLB.508133.19	hypothetical protein, conserved	-0,2708	0,1051
TcCLB.511381.40	DNA-directed rna polymerase I largest subunit, putative	-0,2709	0,001949
TcCLB.510655.140	hypothetical protein, conserved	-0,2709	0,0608
TcCLB.510659.230	hypothetical protein, conserved	-0,2709	0,1135
TcCLB.505989.110	amidinotransferase, putative	-0,271	0,0003939
TcCLB.510363.160	mucin-associated surface protein (MASP, pseudogene), pu	-0,271	0,4491
TcCLB.508693.90	peroxisome biogenesis factor 1, putative	-0,2711	0,004224
TcCLB.508219.110	mucin-associated surface protein (MASP), putative	-0,2712	0,4941
TcCLB.503419.54	hypothetical protein, conserved	-0,2713	0,1503
TcCLB.511727.300	GDP-L-fucose synthetase, putative	-0,2715	0,01736
TcCLB.506367.80	hypothetical protein	-0,2715	0,2692
TcCLB.508307.130	hypothetical protein, conserved	-0,2716	0,02708
TcCLB.504827.70	hypothetical protein, conserved	-0,2716	0,09897
TcCLB.510357.90	hypothetical protein, conserved	-0,2716	0,1392
TcCLB.506557.20	hypothetical protein, conserved	-0,2717	0,0252

TcCLB.509073.90	hypothetical protein, conserved	-0,2718	0,02456
TcCLB.508317.30	hypothetical protein	-0,2719	0,01033
TcCLB.506813.160	dispersed gene family protein 1 (DGF-1, pseudogene), putative	-0,272	0,3337
TcCLB.508209.110	hypothetical protein, conserved	-0,2721	0,005774
TcCLB.410923.20	retrotransposon hot spot (RHS) protein, putative	-0,2721	0,1081
TcCLB.510463.240	mucin-associated surface protein (MASP), putative	-0,2721	0,6092
TcCLB.511249.80	hypothetical protein, conserved	-0,2722	0,01226
TcCLB.507521.110	pumilio/PUF RNA binding protein 5, putative (PUF5)	-0,2722	0,02312
TcCLB.508795.10	SNF2/RAD54 related DNA helicase (pseudogene), putative	-0,2723	0,1563
TcCLB.510699.100	hypothetical protein	-0,2723	0,5147
TcCLB.511389.130	diphthine synthase, putative	-0,2726	0,08867
TcCLB.511803.50	hypothetical protein, conserved	-0,2726	0,1005
TcCLB.509047.80	mitochondrial oligo_U binding protein TBRGG1 (pseudogene)	-0,2727	0,01509
TcCLB.507639.100	phosphatidylinositol N-acetylglucosaminyltransferase subunit	-0,2727	0,1761
TcCLB.506673.69	hypothetical protein, conserved	-0,2727	0,1859
TcCLB.506817.79	kinteoplast poly(A) polymerase complex 1 subunit, putative	-0,2727	0,2084
TcCLB.505773.10	retrotransposon hot spot protein (RHS, pseudogene), putative	-0,2727	0,2132
TcCLB.506559.230	hypothetical protein, conserved	-0,2727	0,2248
TcCLB.506955.115	surface protease GP63 (pseudogene), putative	-0,2727	0,599
TcCLB.509399.120	hypothetical protein, conserved	-0,2728	0,01247
TcCLB.510533.100	hypothetical protein, conserved	-0,2728	0,1365
TcCLB.504247.30	transcription elongation factor 1 homolog (ELOF1)	-0,2728	0,1563
TcCLB.507663.9	hypothetical protein, conserved	-0,2728	0,2483
TcCLB.510697.60	mucin-associated surface protein (MASP), putative	-0,2728	0,3901
TcCLB.504147.310	hypothetical protein, conserved	-0,2729	0,01113
TcCLB.508577.100	pumilio/PUF RNA binding protein 5, putative (PUF5)	-0,2729	0,05568
TcCLB.507511.81	mucin TcMUCII, putative	-0,2731	0,08341
TcCLB.508999.80	mucin-associated surface protein (MASP), putative	-0,2731	0,6551
TcCLB.511767.20	dispersed gene family protein 1 (DGF-1), putative	-0,2732	0,1535
TcCLB.507521.30	hypothetical protein, conserved	-0,2732	0,1909
TcCLB.420989.10	protein phosphatase 2C, putative	-0,2732	0,3657
TcCLB.507771.60	hypothetical protein, conserved	-0,2733	0,01105
TcCLB.508305.30	hypothetical protein	-0,2733	0,7037
TcCLB.507941.10	hypothetical protein, conserved	-0,2734	0,008033
TcCLB.506545.10	hypothetical protein	-0,2735	0,02402
TcCLB.510175.60	dispersed gene family protein 1 (DGF-1), putative	-0,2735	0,1
TcCLB.508027.70	ATP-dependent RNA helicase, putative	-0,2736	0,01181
TcCLB.509167.140	RNA-binding protein 42 (RNA-binding motif protein 42), putative	-0,2736	0,02017
TcCLB.506139.140	trans-sialidase (pseudogene), putative	-0,2736	0,4983
TcCLB.510893.9	dispersed gene family protein 1 (DGF-1, pseudogene), putative	-0,2737	0,3781
TcCLB.511183.190	trans-sialidase, Group V, putative	-0,2738	0,4749
TcCLB.511075.20	notchless homolog, putative	-0,274	0,01009
TcCLB.504643.10	kinesin (pseudogene), putative	-0,2741	0,01276
TcCLB.508295.30	mucin TcMUCII, putative	-0,2741	0,5717
TcCLB.506425.60	hypothetical protein, conserved	-0,2742	0,05363

TcCLB.507841.30	hypothetical protein, conserved	-0,2742	0,2613
TcCLB.506573.34	hypothetical protein, conserved	-0,2742	0,4079
TcCLB.508737.154	hypothetical protein, conserved	-0,2745	0,2197
TcCLB.506925.440	Nuclear pore complex protein 158 (pseudogene)	-0,2746	0,0002553
TcCLB.507257.50	hypothetical protein, conserved	-0,2746	0,0004807
TcCLB.509179.210	hypothetical protein, conserved	-0,2746	0,06108
TcCLB.511717.190	hypothetical protein, conserved	-0,2746	0,08182
TcCLB.503929.60	hypothetical protein, conserved	-0,2746	0,1125
TcCLB.509985.69	hypothetical protein, conserved	-0,2748	0,2808
TcCLB.510661.260	hypothetical protein, conserved	-0,2749	0,007487
TcCLB.508397.10	V-type proton ATPase subunit D, putative (VAd)	-0,2749	0,03137
TcCLB.509053.130	DnaJ chaperone protein, putative	-0,2749	0,1171
TcCLB.511171.10	dispersed gene family protein 1 (DGF-1), putative	-0,2749	0,6012
TcCLB.506795.50	poly(A) polymerase, putative	-0,2752	0,008296
TcCLB.509429.90	translation initiation factor EIF-2b alpha subunit, putative	-0,2752	0,0905
TcCLB.506513.30	hypothetical protein, conserved	-0,2752	0,1646
TcCLB.506177.10	hypothetical protein, conserved	-0,2753	0,03205
TcCLB.510719.140	hypothetical protein, conserved	-0,2753	0,04219
TcCLB.509581.10	trans-sialidase, Group VII, putative	-0,2754	0,7084
TcCLB.508741.370	hypothetical protein, conserved	-0,2755	0,0004805
TcCLB.507013.24	poly(ADP-ribose) glycohydrolase, putative	-0,2755	0,07487
TcCLB.507009.70	hypothetical protein, conserved	-0,2757	0,02935
TcCLB.508197.30	hypothetical protein, conserved	-0,2758	0,007394
TcCLB.508277.80	hypothetical protein, conserved	-0,276	0,05903
TcCLB.506265.160	hypothetical protein, conserved	-0,276	0,1613
TcCLB.503679.40	actin-related protein 2, putative	-0,276	0,417
TcCLB.503669.39	hypothetical protein, conserved (fragment)	-0,2761	0,3509
TcCLB.510287.30	proteasome subunit beta type-2, putative	-0,2762	0,03648
TcCLB.445011.10	hypothetical protein, conserved	-0,2762	0,08542
TcCLB.504013.90	hypothetical protein, conserved	-0,2763	0,004927
TcCLB.508989.20	carrier protein, putative	-0,2764	0,08592
TcCLB.504261.20	trans-sialidase, Group VI, putative	-0,2765	0,4502
TcCLB.507709.44	hypothetical protein, conserved	-0,2766	0,04267
TcCLB.506337.171	ubiquitin (pseudogene), putative	-0,2766	0,2628
TcCLB.503781.20	phosphatidylinositol N-acetylglucosaminyltransferase subu	-0,2767	0,09975
TcCLB.506925.290	hypothetical protein	-0,2768	0,01507
TcCLB.511165.70	proteasome alpha 7 subunit, putative	-0,2768	0,02657
TcCLB.509003.10	hypothetical protein, conserved	-0,2769	0,003542
TcCLB.508213.9	regulator of chromosome condensation, putative	-0,2771	0,009382
TcCLB.506419.20	tousled-like kinase II, putative	-0,2771	0,03795
TcCLB.510259.6	DNA polymerase delta catalytic subunit, putative (fragmer	-0,2774	0,01159
TcCLB.510745.40	protein kinase, putative	-0,2774	0,02972
TcCLB.504949.30	succinate dehydrogenase iron-sulfur subunit (SDH2C)	-0,2774	0,06599
TcCLB.511277.310	hypothetical protein, conserved	-0,2775	0,01917
TcCLB.506619.10	sedoheptulose-1,7-bisphosphatase, putative	-0,2776	0,0706

TcCLB.511737.80	hypothetical protein	-0,2777	0,08124
TcCLB.507513.10	hypothetical protein, conserved	-0,2778	0,03569
TcCLB.511751.163	hypothetical protein, conserved	-0,2778	0,05455
TcCLB.506529.170	hypothetical protein, conserved	-0,2778	0,09383
TcCLB.509937.30	phosphatidylserine synthase, putative	-0,278	0,06502
TcCLB.509527.80	mucin-associated surface protein (MASP), putative	-0,2781	0,4202
TcCLB.509161.30	OSM3-like kinesin, putative	-0,2782	0,001076
TcCLB.508895.60	RNA-binding protein, putative	-0,2784	0,01346
TcCLB.506287.140	prefoldin, putative	-0,2784	0,05127
TcCLB.507257.140	hypothetical protein, conserved	-0,2784	0,07482
TcCLB.505207.10	trans-sialidase, Group VII, putative	-0,2784	0,2876
TcCLB.503887.30	hypothetical protein, conserved	-0,2785	0,02189
TcCLB.508461.560	hypothetical protein, conserved	-0,2787	0,03972
TcCLB.506829.100	fatty acyl CoA syntetase 1, putative	-0,2788	0,003911
TcCLB.506857.40	hypothetical protein, conserved	-0,2788	0,1162
TcCLB.508707.70	hypothetical protein, conserved	-0,2789	0,0007393
TcCLB.509165.49	damage-specific DNA binding protein, putative	-0,2789	0,04489
TcCLB.510699.11	surface protease GP63 (pseudogene), putative	-0,2789	0,6179
TcCLB.506147.160	hypothetical protein, conserved	-0,279	0,08689
TcCLB.445011.19	hypothetical protein, conserved	-0,279	0,09199
TcCLB.510209.27	mucin-associated surface protein (MASP), putative	-0,279	0,5993
TcCLB.510749.74	hypothetical protein, conserved	-0,2791	0,03191
TcCLB.507063.80	hypothetical protein, conserved	-0,2791	0,06433
TcCLB.510879.30	hypothetical protein, conserved	-0,2793	0,006762
TcCLB.511245.50	hypothetical protein, conserved	-0,2794	0,003004
TcCLB.506985.10	hypothetical protein, conserved	-0,2795	0,1124
TcCLB.503395.10	hypothetical protein, conserved	-0,2795	0,254
TcCLB.506493.60	hypothetical protein, conserved	-0,2796	0,01984
TcCLB.506341.50	trans-sialidase, Group VIII, putative	-0,2796	0,2609
TcCLB.510201.10	trans-sialidase, Group V, putative	-0,2796	0,3647
TcCLB.506121.9	dispersed gene family protein 1 (DGF-1), putative	-0,2796	0,4827
TcCLB.506871.180	G5-interacting protein, putative (G5-IP)	-0,2797	0,007198
TcCLB.509109.40	hypothetical protein, conserved	-0,2797	0,07867
TcCLB.506393.166	ATP-dependent DEAD/H RNA helicase (pseudogene), putat	-0,2798	0,4831
TcCLB.511071.130	Trypanosome basal body component protein (TBBC)	-0,2799	0,001376
TcCLB.509195.50	mucin-associated surface protein (MASP), putative	-0,2799	0,4619
TcCLB.506983.10	hypothetical protein, conserved	-0,28	0,08983
TcCLB.511003.70	hypothetical protein, conserved	-0,28	0,1377
TcCLB.403875.10	cysteine peptidase, Clan CA, family C51, putative	-0,2801	0,01259
TcCLB.506305.5	hypothetical protein, conserved	-0,2802	0,1367
TcCLB.504121.10	KU70 protein, putative	-0,2803	0,08659
TcCLB.506703.110	mucin-associated surface protein (MASP), putative	-0,2803	0,2967
TcCLB.506131.10	mucin TcMUCII, putative	-0,2803	0,6405
TcCLB.511671.120	U5 snRNP-specific 40 kDa protein, putative	-0,2805	0,07414
TcCLB.507389.79	hypothetical protein, conserved	-0,2805	0,128

TcCLB.507913.20	phosphomevalonate kinase protein, putative	-0,2807	0,04383
TcCLB.511543.20	As/Sb Reductase, putative (ACR2)	-0,2808	0,2267
TcCLB.509437.80	hypothetical protein, conserved	-0,2809	0,07062
TcCLB.510757.20	hypothetical protein, conserved	-0,2811	0,05653
TcCLB.509823.4	hypothetical protein, conserved	-0,2812	0,05882
TcCLB.508821.10	katanin, putative	-0,2812	0,14
TcCLB.511725.270	hypothetical protein, conserved	-0,2813	0,001687
TcCLB.508919.90	hypothetical protein, conserved	-0,2813	0,1138
TcCLB.506583.4	serine/threonine protein kinase, putative	-0,2813	0,1346
TcCLB.508545.20	hypothetical protein, conserved	-0,2814	0,2413
TcCLB.508329.9	potassium voltage-gated channel, putative	-0,2814	0,536
TcCLB.506489.59	divalent cation tolerance protein, putative	-0,2815	0,3234
TcCLB.510187.190	vacuolar protein sorting-associated protein, putative	-0,2816	0,002581
TcCLB.507037.80	hypothetical protein, conserved	-0,2816	0,0347
TcCLB.510741.100	hypothetical protein, conserved	-0,2816	0,06649
TcCLB.509199.10	Elongation factor G 2, mitochondrial, putative (EF-G2)	-0,2817	0,01219
TcCLB.506245.73	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	-0,2817	0,5958
TcCLB.503983.29	hypothetical protein, conserved	-0,2818	0,1798
TcCLB.511061.51	mucin-associated surface protein (MASP), putative	-0,282	0,4173
TcCLB.507787.120	hypothetical protein, conserved	-0,2821	0,1755
TcCLB.511449.70	trans-sialidase, Group V, putative	-0,2821	0,459
TcCLB.506175.10	hypothetical protein, conserved	-0,2822	0,044
TcCLB.510729.299	protein kinase, putative	-0,2822	0,1878
TcCLB.508637.120	hypothetical protein, conserved	-0,2823	0,04466
TcCLB.511599.120	mucin-associated surface protein (MASP), putative	-0,2823	0,5312
TcCLB.508623.10	trans-sialidase (pseudogene), putative	-0,2824	0,00393
TcCLB.508247.19	syntaxin binding protein 1 (pseudogene), putative	-0,2824	0,5299
TcCLB.503851.40	hypothetical protein, conserved	-0,2826	0,04149
TcCLB.503669.20	hypothetical protein, conserved	-0,2826	0,08155
TcCLB.432867.10	hypothetical protein, conserved (fragment)	-0,2827	0,07744
TcCLB.507517.130	RNA editing 3' terminal uridylyl transferase 2, putative (RE	-0,2828	0,08272
TcCLB.434945.4	ADP-ribosylation factor, putative	-0,283	0,04102
TcCLB.511109.90	DnaJ chaperone protein, putative	-0,283	0,07617
TcCLB.506959.100	GTP-ase activating protein, putative	-0,2831	0,0632
TcCLB.510879.229	protein kinase, putative	-0,2832	0,2658
TcCLB.506973.70	dispersed gene family protein 1 (DGF-1), putative	-0,2832	0,6091
TcCLB.507779.30	dispersed gene family protein 1 (DGF-1), putative	-0,2833	0,1025
TcCLB.507159.10	Wee1-like protein kinase, putative (pseudogene, point mut	-0,2834	0,07413
TcCLB.510729.160	hypothetical protein, conserved	-0,2835	0,01248
TcCLB.511511.80	tubulin-tyrosine ligase-like protein, putative	-0,2835	0,03356
TcCLB.511927.20	hypothetical protein, conserved	-0,2835	0,1488
TcCLB.506755.5	hypothetical protein, conserved	-0,2835	0,3333
TcCLB.507047.70	hypothetical protein, conserved	-0,2836	0,2064
TcCLB.509747.100	hypothetical protein, conserved	-0,2837	0,001732
TcCLB.506175.100	hypothetical protein, conserved	-0,2837	0,01396

TcCLB.507549.20	trans-sialidase (pseudogene), putative	-0,2837	0,1524
TcCLB.510293.50	DnaJ chaperone protein, putative	-0,2838	0,01812
TcCLB.509647.150	calcium-transporting ATPase, putative	-0,2839	0,000473
TcCLB.506155.120	glycosyl hydrolase, putative	-0,2839	0,01228
TcCLB.504171.30	hypothetical protein, conserved	-0,284	0,01127
TcCLB.509937.180	tyrosyl-tRNA synthetase, putative	-0,2841	0,006489
TcCLB.506331.120	trans-sialidase (pseudogene), putative	-0,2841	0,2596
TcCLB.503837.40	hypothetical protein, conserved	-0,2843	0,2774
TcCLB.506503.120	hypothetical protein, conserved	-0,2847	0,0003285
TcCLB.509119.39	dynein heavy chain, putative	-0,2848	0,198
TcCLB.510391.10	dispersed gene family protein 1 (DGF-1), putative	-0,2848	0,3524
TcCLB.506565.8	RNA-binding protein, putative	-0,285	0,006773
TcCLB.511109.80	hypothetical protein, conserved	-0,285	0,1479
TcCLB.503999.70	ras-family member, GTP-binding protein, putative	-0,2851	0,01352
TcCLB.503689.20	hypothetical protein, conserved	-0,2851	0,3413
TcCLB.511183.116	trans-sialidase (pseudogene), putative	-0,2851	0,4857
TcCLB.506591.90	hypothetical protein, conserved	-0,2851	0,6618
TcCLB.504155.293	mucin-associated surface protein (MASP), putative	-0,2851	0,7431
TcCLB.509777.90	hypothetical protein, conserved	-0,2854	0,0207
TcCLB.506241.80	hypothetical protein, conserved	-0,2854	0,0795
TcCLB.509965.420	hypothetical protein, conserved	-0,2855	0,04259
TcCLB.508163.330	surface protease GP63, putative	-0,2855	0,5711
TcCLB.511617.9	NUP-1 protein (pseudogene), putative	-0,2857	0,00001108
TcCLB.503991.30	hypothetical protein, conserved	-0,2857	0,0166
TcCLB.508789.130	surface protease GP63 (pseudogene), putative	-0,2857	0,5078
TcCLB.506781.19	mucin-associated surface protein (MASP), putative	-0,2857	0,6027
TcCLB.482369.10	protein phosphatase 2A regulatory subunit, putative	-0,2858	0,01195
TcCLB.506729.9	heat shock 70 kDa protein, putative (fragment)	-0,2858	0,1677
TcCLB.511001.18	40S ribosomal protein S3A, putative	-0,286	0,1355
TcCLB.509947.20	mucin-associated surface protein (MASP, pseudogene), pu	-0,286	0,7037
TcCLB.503515.20	Kinetoplastid RNA editing protein 1, putative (KREPA1)	-0,2863	0,006017
TcCLB.506475.50	Replication Factor C Subunit 1-related protein	-0,2863	0,02638
TcCLB.506227.130	calpain-like cysteine peptidase, putative	-0,2864	0,007694
TcCLB.506127.70	hypothetical protein	-0,2864	0,01485
TcCLB.508789.220	mucin TcMUCII, putative	-0,2864	0,5689
TcCLB.506885.20	hypothetical protein, conserved	-0,2865	0,008001
TcCLB.508573.80	trans-sialidase (pseudogene), putative	-0,2865	0,1763
TcCLB.509099.70	endo/exonuclease Mre11, putative	-0,2866	0,004139
TcCLB.503685.10	serine/threonine-protein kinase, putative	-0,2866	0,06228
TcCLB.511423.110	hypothetical protein, conserved	-0,2867	0,04831
TcCLB.509799.90	hypothetical protein, conserved	-0,2867	0,08542
TcCLB.508873.280	mucin-associated surface protein (MASP, pseudogene), pu	-0,2867	0,3068
TcCLB.511019.99	glutathione peroxidase, putative	-0,2868	0,16
TcCLB.510523.10	hypothetical protein, conserved (pseudogene)	-0,2869	0,02961
TcCLB.509269.10	hypothetical protein, conserved	-0,287	0,06365

TcCLB.506695.20	hypothetical protein, conserved	-0,287	0,07577
TcCLB.506017.41	N-acetyltransferase complex ARD1 subunit (pseudogene),	-0,2871	0,3369
TcCLB.509437.106	trans-sialidase (pseudogene), putative	-0,2871	0,5124
TcCLB.506835.140	hypothetical protein, conserved	-0,2872	0,006046
TcCLB.506577.70	hypothetical protein, conserved	-0,2872	0,03977
TcCLB.510547.30	trans-sialidase (pseudogene), putative	-0,2872	0,4085
TcCLB.506563.10	pumilio/PUF RNA binding protein 9, putative (PUF9)	-0,2873	0,02205
TcCLB.507023.240	hypothetical protein, conserved	-0,2873	0,05679
TcCLB.510761.22	hypothetical protein, conserved	-0,2874	0,01347
TcCLB.511151.39	hypothetical protein, conserved	-0,2874	0,07911
TcCLB.508625.140	hypothetical protein, conserved	-0,2874	0,1218
TcCLB.508539.20	hypothetical protein, conserved	-0,2874	0,2066
TcCLB.505949.20	mucin-associated surface protein (MASP), putative	-0,2874	0,3786
TcCLB.510223.9	hypothetical protein, conserved	-0,2875	0,5294
TcCLB.504643.49	hypothetical protein, conserved (fragment)	-0,2876	0,005125
TcCLB.503637.30	serine peptidase, Clan SC, Family S9B	-0,2876	0,006032
TcCLB.507513.80	hypothetical protein, conserved	-0,2876	0,01225
TcCLB.506793.50	hypothetical protein, conserved	-0,2877	0,0575
TcCLB.509121.10	retrotransposon hot spot protein (RHS, pseudogene), putat	-0,2877	0,3233
TcCLB.506113.86	N-acetyltransferase complex ARD1 subunit (pseudogene),	-0,2878	0,459
TcCLB.508175.133	hypothetical protein, conserved (pseudogene)	-0,2879	0,003477
TcCLB.506127.140	hypothetical protein	-0,2879	0,006071
TcCLB.504213.70	hypothetical protein, conserved	-0,2879	0,02544
TcCLB.507737.30	hypothetical protein, conserved	-0,2879	0,05533
TcCLB.511111.50	ubiquitin-conjugating enzyme, putative	-0,2879	0,5313
TcCLB.507195.60	hypothetical protein	-0,2879	0,6648
TcCLB.511277.539	hypothetical protein, conserved	-0,288	0,1359
TcCLB.503989.50	hypothetical protein, conserved	-0,2883	0,001752
TcCLB.503653.30	ribosomal RNA processing protein 41B, putative (RRP41B)	-0,2883	0,06348
TcCLB.507549.40	trans-sialidase (pseudogene), putative	-0,2883	0,1876
TcCLB.511017.20	2,3-bisphosphoglycerate-independent phosphoglycerate m	-0,2884	0,01416
TcCLB.507747.130	trans-sialidase (pseudogene), putative	-0,2885	0,2917
TcCLB.509537.40	hypothetical protein, conserved	-0,2886	0,01274
TcCLB.507757.70	dihydrolipoamide dehydrogenase, putative	-0,2886	0,1324
TcCLB.506525.20	protein transport protein SEC13, putative	-0,2887	0,03059
TcCLB.511627.100	TPR-repeat protein, putative	-0,2888	0,02002
TcCLB.511337.20	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, pi	-0,2888	0,5104
TcCLB.507633.59	mucin-associated surface protein (MASP, pseudogene), pu	-0,2888	0,5425
TcCLB.503557.30	hypothetical protein, conserved	-0,2889	0,05157
TcCLB.510767.50	hypothetical protein, conserved	-0,2889	0,09288
TcCLB.507007.50	hypothetical protein, conserved	-0,289	0,0358
TcCLB.503583.70	hypothetical protein, conserved	-0,289	0,0533
TcCLB.508131.19	hypothetical protein, conserved (fragment)	-0,289	0,06279
TcCLB.510889.330	hypothetical protein, conserved	-0,2891	0,1008
TcCLB.426397.9	kinesin, putative (fragment)	-0,2892	0,0341



TcCLB.510313.20	hypothetical protein, conserved	-0,2893	0,007929
TcCLB.508293.60	trans-sialidase, Group VI, putative	-0,2893	0,3995
TcCLB.503955.70	eukaryotic translation initiation factor 2 beta subunit, puta	-0,2894	0,02135
TcCLB.508189.11	retrotransposon hot spot protein (RHS, pseudogene), putat	-0,2894	0,5238
TcCLB.506679.180	hypothetical protein, conserved	-0,2895	0,007208
TcCLB.509671.30	hypothetical protein, conserved	-0,2895	0,06927
TcCLB.511761.20	hypothetical protein, conserved	-0,2896	0,1385
TcCLB.510399.39	dispersed gene family protein 1 (DGF-1), putative	-0,2896	0,3776
TcCLB.510625.150	mucin-associated surface protein (MASP), putative	-0,2898	0,7117
TcCLB.511303.9	hypothetical protein, conserved	-0,2899	0,08644
TcCLB.507711.140	hypothetical protein, conserved	-0,2899	0,103
TcCLB.507959.240	syntaxin binding protein (pseudogene), putative	-0,2899	0,5007
TcCLB.506529.140	hypothetical protein, conserved	-0,29	0,07867
TcCLB.511183.103	mucin-associated surface protein (MASP, pseudogene), pu	-0,2902	0,4593
TcCLB.505949.139	mucin-associated surface protein (MASP, pseudogene), pu	-0,2903	0,5357
TcCLB.503959.20	hypothetical protein, conserved	-0,2904	0,01263
TcCLB.507521.120	hypothetical protein, conserved	-0,2904	0,1451
TcCLB.506133.54	mucin-associated surface protein (MASP), putative	-0,2906	0,4686
TcCLB.511439.120	aminopeptidase, putative	-0,2907	0,004017
TcCLB.507075.30	trans-sialidase (pseudogene), putative	-0,2907	0,2254
TcCLB.506961.25	trans-sialidase, Group I, putative	-0,2908	0,108
TcCLB.510133.9	dispersed gene family protein 1 (DGF-1), putative (fragme	-0,2908	0,4234
TcCLB.510259.18	GlcNAc-PI synthesis protein (GPI3)	-0,2909	0,09539
TcCLB.508409.80	hypothetical protein, conserved	-0,291	0,0003756
TcCLB.507031.150	hypothetical protein, conserved	-0,291	0,001062
TcCLB.507941.40	hypothetical protein, conserved	-0,291	0,04025
TcCLB.508547.60	hypothetical protein, conserved	-0,2911	0,06685
TcCLB.506737.140	syntaxin binding protein 1, putative	-0,2912	0,00052
TcCLB.504071.90	glycosyltransferase family 28 protein, putative	-0,2912	0,02206
TcCLB.504835.10	hypothetical protein, conserved	-0,2912	0,04291
TcCLB.510515.70	hypothetical protein, conserved	-0,2912	0,2474
TcCLB.509317.40	ribosomal protein L11, putative	-0,2914	0,1031
TcCLB.507021.90	hypothetical protein, conserved	-0,2915	0,03876
TcCLB.506537.50	retrotransposon hot spot (RHS) protein, putative	-0,2915	0,4188
TcCLB.511231.14	hypothetical protein (fragment)	-0,2916	0,03386
TcCLB.509253.10	hypothetical protein, conserved	-0,2916	0,04446
TcCLB.509595.70	Trichohyalin, putative	-0,2919	0,01494
TcCLB.504243.10	RNA-binding protein, putative	-0,2919	0,02097
TcCLB.507959.336	surface protease GP63 (pseudogene), putative	-0,2919	0,3604
TcCLB.469435.4	ribosomal protein L14, putative	-0,292	0,1693
TcCLB.510303.80	kinesin, putative	-0,2921	0,02788
TcCLB.503651.49	hypothetical protein, conserved (pseudogene)	-0,2921	0,07978
TcCLB.504923.10	dispersed gene family protein 1 (DGF-1), putative	-0,2921	0,6139
TcCLB.506347.10	dynein heavy chain (pseudogene), putative	-0,2922	0,00007664
TcCLB.504225.10	hypothetical protein, conserved	-0,2922	0,02302

TcCLB.508601.110	hypothetical protein, conserved	-0,2923	0,002523
TcCLB.510943.120	hypothetical protein, conserved	-0,2923	0,00664
TcCLB.503513.40	proteasome regulatory non-ATPase subunit 6, putative	-0,2923	0,02865
TcCLB.431357.20	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, pu	-0,2923	0,6017
TcCLB.507007.80	hypothetical protein	-0,2924	0,001524
TcCLB.509905.180	mucin-associated surface protein (MASP), putative	-0,2925	0,1983
TcCLB.511367.90	hypothetical protein, conserved	-0,2926	0,004985
TcCLB.504153.300	GTPase protein, putative	-0,2927	0,01006
TcCLB.511419.50	3-phosphoglycerate kinase, glycosomal (PGKA)	-0,2927	0,1006
TcCLB.508139.210	dispersed gene family protein 1 (DGF-1), putative	-0,2927	0,1117
TcCLB.469785.5	hypothetical protein, conserved (fragment)	-0,2928	0,2245
TcCLB.510763.40	hypothetical protein, conserved	-0,293	0,08721
TcCLB.506933.80	RNA polymerase B subunit RPB8, putative	-0,2931	0,01397
TcCLB.510475.120	mucin-associated surface protein (MASP, pseudogene), pu	-0,2931	0,7404
TcCLB.504431.118	hypothetical protein, conserved	-0,2934	0,03432
TcCLB.508271.50	hypothetical protein	-0,2935	0,009674
TcCLB.506895.20	hypothetical protein, conserved	-0,2935	0,01032
TcCLB.511071.190	hypothetical protein, conserved	-0,2936	0,008463
TcCLB.506933.20	ribonucleoside-diphosphate reductase large chain, putative	-0,2937	0,007006
TcCLB.510143.90	hypothetical protein, conserved	-0,2938	0,08078
TcCLB.507089.130	hypothetical protein, conserved	-0,2939	0,0322
TcCLB.511277.30	hypothetical protein, conserved (pseudogene)	-0,294	0,00293
TcCLB.508839.80	hypothetical protein, conserved	-0,294	0,01008
TcCLB.508349.30	hypothetical protein, conserved	-0,2943	0,0002238
TcCLB.510659.10	hypothetical protein, conserved	-0,2943	0,01335
TcCLB.509647.120	hypothetical protein	-0,2944	0,04127
TcCLB.511709.10	hypothetical protein, conserved	-0,2945	0,04496
TcCLB.511857.59	katanin, putative	-0,2945	0,05631
TcCLB.510183.30	hypothetical protein, conserved	-0,2946	0,004542
TcCLB.511461.10	hypothetical protein, conserved	-0,2946	0,07964
TcCLB.509965.350	ubiquitin-protein ligase, putative	-0,2948	0,001562
TcCLB.510187.110	Mitochondrial ribosomal protein S18, putative (MRPS18)	-0,2949	0,003949
TcCLB.509505.40	hypothetical protein, conserved	-0,2949	0,03074
TcCLB.509575.50	Casein kinase II subunit beta, putative	-0,2949	0,1089
TcCLB.507877.10	mucin-associated surface protein (MASP, pseudogene), pu	-0,2949	0,5356
TcCLB.506583.30	ubiquitin-like protein, putative	-0,2952	0,0006914
TcCLB.453767.20	trans-sialidase (pseudogene), putative	-0,2952	0,3534
TcCLB.506265.150	hypothetical protein, conserved	-0,2953	0,1696
TcCLB.507063.20	eukaryotic translation initiation factor 2 beta subunit, puta	-0,2954	0,003876
TcCLB.511277.480	hypothetical protein, conserved	-0,2954	0,01779
TcCLB.506407.20	hypothetical protein, conserved	-0,2954	0,09443
TcCLB.506975.69	hypothetical protein, conserved	-0,2954	0,1277
TcCLB.504167.7	hypothetical protein, conserved	-0,2954	0,2138
TcCLB.422843.10	trans-sialidase (pseudogene), putative	-0,2955	0,09374
TcCLB.506451.20	trans-sialidase, Group V, putative	-0,2955	0,2955

TcCLB.503893.181	hypothetical protein, conserved (fragment)	-0,2955	0,4026
TcCLB.504031.40	hypothetical protein	-0,2955	0,5427
TcCLB.508873.160	mucin-associated surface protein (MASP), putative	-0,2955	0,6593
TcCLB.506863.70	hypothetical protein, conserved	-0,2957	0,008217
TcCLB.509875.190	clathrin coat assembly protein, putative	-0,2957	0,008269
TcCLB.509945.24	hypothetical protein, conserved	-0,2957	0,1066
TcCLB.397937.5	N-acetylglucosamine-6-phosphate deacetylase-like protein	-0,2957	0,1119
TcCLB.504125.50	mitochondrial carrier protein, putative	-0,2959	0,02483
TcCLB.510121.40	hypothetical protein	-0,2959	0,07987
TcCLB.509033.10	trans-sialidase (pseudogene), putative	-0,2959	0,3519
TcCLB.506859.90	prefoldin, putative	-0,296	0,0213
TcCLB.505939.10	hypothetical protein	-0,296	0,5266
TcCLB.510421.210	hypothetical protein, conserved	-0,2961	0,004429
TcCLB.506831.50	hypothetical protein, conserved	-0,2961	0,004863
TcCLB.510885.70	hypothetical protein, conserved	-0,2961	0,04271
TcCLB.511751.144	hypothetical protein, conserved	-0,2962	0,01034
TcCLB.507609.30	ATP-dependent DEAD/H RNA helicase, putative	-0,2962	0,04004
TcCLB.508153.1120	DNA repair helicase, putative	-0,2964	0,01501
TcCLB.511885.35	trans-sialidase (pseudogene), putative	-0,2964	0,2729
TcCLB.510377.439	mucin TcMUCII, putative	-0,2964	0,5267
TcCLB.509827.10	hypothetical protein, conserved	-0,2965	0,02419
TcCLB.507511.30	RNA guanylyltransferase, putative	-0,2966	0,01756
TcCLB.508817.140	hypothetical protein, conserved	-0,2969	0,002791
TcCLB.506627.50	mitochondrial exoribonuclease DSS-1, putative	-0,2969	0,004683
TcCLB.510661.40	hypothetical protein, conserved	-0,2969	0,005119
TcCLB.504071.60	hypothetical protein, conserved	-0,2969	0,01603
TcCLB.508207.279	hypothetical protein, conserved	-0,2969	0,1083
TcCLB.507041.85	hypothetical protein, conserved (pseudogene)	-0,2969	0,1432
TcCLB.509315.10	hypothetical protein, conserved (pseudogene)	-0,2969	0,4441
TcCLB.506865.40	guanine nucleotide exchange factor subunit GCD7	-0,2972	0,01086
TcCLB.508409.20	hypothetical protein, conserved	-0,2972	0,01296
TcCLB.507747.260	hypothetical protein, conserved	-0,2972	0,0184
TcCLB.511625.50	GTP-binding protein, putative	-0,2974	0,003407
TcCLB.507019.40	histidyl-tRNA synthetase	-0,2975	0,00116
TcCLB.508153.960	hypothetical protein, conserved	-0,2975	0,02282
TcCLB.503751.20	hypothetical protein	-0,2975	0,3586
TcCLB.504103.40	hypothetical protein, conserved	-0,2976	0,05004
TcCLB.508463.10	hypothetical protein, conserved	-0,2976	0,2236
TcCLB.506909.120	hypothetical protein	-0,2976	0,6313
TcCLB.511157.9	neurobeachin/beige protein, putative (fragment)	-0,2977	0,005895
TcCLB.508879.220	hypothetical protein, conserved	-0,2978	0,01624
TcCLB.509979.119	hypothetical protein, conserved	-0,2978	0,1006
TcCLB.509933.10	hypothetical protein, conserved	-0,2978	0,1944
TcCLB.511303.30	hypothetical protein, conserved	-0,298	0,03457
TcCLB.506979.59	hypothetical protein, conserved	-0,298	0,1012

TcCLB.506361.44	mucin TcMUC (pseudogene), putative	-0,298	0,342
TcCLB.511491.40	hypothetical protein, conserved	-0,2981	0,001683
TcCLB.505123.4	ATP-dependent RNA helicase, putative (fragment)	-0,2981	0,0125
TcCLB.506493.110	hypothetical protein, conserved	-0,2981	0,1684
TcCLB.508107.30	trans-sialidase, Group VI, putative	-0,2982	0,5576
TcCLB.505163.30	hypothetical protein, conserved	-0,2983	0,01557
TcCLB.507823.10	hypothetical protein, conserved	-0,2983	0,03775
TcCLB.503489.30	hypothetical protein, conserved	-0,2983	0,05567
TcCLB.509715.130	hypothetical protein, conserved	-0,2984	0,04414
TcCLB.510205.15	mucin TcMUCII (pseudogene), putative	-0,2984	0,5076
TcCLB.508647.200	triosephosphate isomerase, putative (TIM)	-0,2985	0,00002167
TcCLB.507165.10	hypothetical protein, conserved	-0,2985	0,07159
TcCLB.511491.90	hypothetical protein	-0,2986	0,07804
TcCLB.506717.200	hypothetical protein, conserved	-0,2986	0,1823
TcCLB.506605.10	hypothetical protein, conserved	-0,2987	0,1314
TcCLB.507803.49	histone deacetylase, putative	-0,2987	0,2477
TcCLB.509395.10	hypothetical protein, conserved	-0,2988	0,02424
TcCLB.511229.90	hypothetical protein, conserved	-0,2988	0,02526
TcCLB.507735.60	hypothetical protein, conserved	-0,2989	0,01107
TcCLB.509455.110	hypothetical protein, conserved	-0,2989	0,09774
TcCLB.508593.120	hypothetical protein, conserved	-0,2989	0,09947
TcCLB.508857.140	hypothetical protein, conserved	-0,2991	0,01953
TcCLB.509161.20	hypothetical protein, conserved	-0,2992	0,08824
TcCLB.511235.10	hypothetical protein, conserved (pseudogene)	-0,2992	0,4063
TcCLB.506357.40	Elongation factor Tu, mitochondrial, putative (EF-Tu)	-0,2993	0,001341
TcCLB.510187.260	hypothetical protein, conserved	-0,2993	0,03068
TcCLB.507969.50	actin 2, putative	-0,2993	0,1051
TcCLB.508455.20	trans-sialidase, Group V, putative	-0,2993	0,3425
TcCLB.507019.100	nuclear movement protein, putative	-0,2994	0,02607
TcCLB.511859.161	hypothetical protein	-0,2996	0,1836
TcCLB.507001.4	hypothetical protein, conserved	-0,2996	0,3263
TcCLB.506959.50	hypothetical protein, conserved	-0,2997	0,01715
TcCLB.506887.40	hypothetical protein, conserved	-0,2997	0,03112
TcCLB.511289.59	Multiprotein-bridging factor 1, putative (mbf1)	-0,2998	0,00884
TcCLB.506753.220	hypothetical protein, conserved	-0,2998	0,2638
TcCLB.506525.30	hypothetical protein, conserved	-0,3	0,01267
TcCLB.509875.204	hypothetical protein, conserved	-0,3001	0,05499
TcCLB.480653.10	hypothetical protein, conserved	-0,3002	0,09336
TcCLB.508637.70	RNA helicase, putative	-0,3003	0,006067
TcCLB.509611.10	DNA repair and recombination helicase protein PIF7, putat	-0,3004	0,06044
TcCLB.509741.34	hypothetical protein, conserved	-0,3005	0,1645
TcCLB.506635.120	kinesin, putative	-0,3006	0,01366
TcCLB.508479.83	N-acetyltransferase complex ARD1 subunit (pseudogene),	-0,3006	0,4383
TcCLB.510329.260	hypothetical protein, conserved	-0,3007	0,000169
TcCLB.503885.50	hypothetical protein, conserved	-0,3007	0,03612

TcCLB.507839.35	trans-sialidase, putative	-0,3007	0,3178
TcCLB.506945.270	cyclin, putative	-0,3008	0,01594
TcCLB.506791.20	hypothetical protein, conserved	-0,3009	0,01423
TcCLB.510029.10	hypothetical protein, conserved (pseudogene)	-0,3009	0,1153
TcCLB.504051.49	hypothetical protein, conserved	-0,3009	0,1238
TcCLB.506529.160	hypothetical protein, conserved	-0,301	0,02261
TcCLB.507709.110	hypothetical protein, conserved	-0,301	0,2
TcCLB.503893.50	hypothetical protein, conserved	-0,3011	0,04628
TcCLB.503495.10	dispersed gene family protein 1 (DGF-1), putative	-0,3011	0,2014
TcCLB.510143.70	hypothetical protein, conserved	-0,3013	0,0009447
TcCLB.508995.30	tubulin-tyrosine ligase, putative	-0,3013	0,03075
TcCLB.507031.10	hypothetical protein, conserved	-0,3013	0,03631
TcCLB.434259.19	hypothetical protein, conserved	-0,3013	0,0931
TcCLB.506743.90	hypothetical protein, conserved	-0,3013	0,236
TcCLB.510301.20	fructose-bisphosphate aldolase, glycosomal, putative	-0,3014	0,01162
TcCLB.511283.190	U2 small nuclear ribonucleoprotein 40K, putative	-0,3014	0,01284
TcCLB.508637.160	dual specificity protein phosphatase, putative	-0,3014	0,04437
TcCLB.509213.60	hypothetical protein, conserved	-0,3014	0,1334
TcCLB.506525.45	hypothetical protein, conserved (pseudogene)	-0,3014	0,2754
TcCLB.510577.40	hypothetical protein, conserved	-0,3016	0,04678
TcCLB.507987.20	hypothetical protein	-0,3016	0,6635
TcCLB.510533.220	hypothetical protein, conserved	-0,3017	0,01541
TcCLB.510359.450	hypothetical protein	-0,3017	0,58
TcCLB.507517.110	hypothetical protein, conserved	-0,3018	0,0636
TcCLB.506495.10	hypothetical protein, conserved	-0,3018	0,08759
TcCLB.511211.120	receptor for activated C kinase 1, putative	-0,3019	0,00002057
TcCLB.508899.130	hypothetical protein, conserved	-0,3019	0,1543
TcCLB.505989.74	peroxisome biogenesis factor 1, putative	-0,3021	0,004066
TcCLB.510029.40	DNA-directed RNA polymerase III subunit C11, putative (RF	-0,3021	0,09598
TcCLB.509135.9	hypothetical protein (fragment)	-0,3021	0,1594
TcCLB.509569.90	ARP2/3 complex subunit, putative	-0,3023	0,06824
TcCLB.504185.9	hypothetical protein, conserved	-0,3023	0,3233
TcCLB.510149.110	phosphate transporter, putative	-0,3024	0,01766
TcCLB.506201.154	hypothetical protein, conserved	-0,3024	0,113
TcCLB.510013.150	mucin-associated surface protein (MASP, pseudogene), pu	-0,3024	0,4058
TcCLB.509627.40	succinate dehydrogenase subunit (SDH9)	-0,3025	0,02409
TcCLB.511589.29	hypothetical protein, conserved	-0,3025	0,06173
TcCLB.511179.114	hypothetical protein, conserved	-0,3025	0,1229
TcCLB.506131.161	trans-sialidase (pseudogene), putative	-0,3025	0,4513
TcCLB.511145.24	hypothetical protein, conserved	-0,3026	0,2568
TcCLB.508543.150	hypothetical protein, conserved	-0,3027	0,001554
TcCLB.507099.20	hypothetical protein, conserved	-0,3028	0,006031
TcCLB.510105.160	hypothetical protein	-0,3029	0,07268
TcCLB.503855.10	hypothetical protein, conserved	-0,303	0,1072
TcCLB.511417.94	hypothetical protein, conserved	-0,3031	0,09171

TcCLB.511643.20	dihydroorotate dehydrogenase, putative (DHODH)	-0,3034	0,02806
TcCLB.508165.40	trans-sialidase (pseudogene), putative	-0,3034	0,3733
TcCLB.510499.10	dispersed gene family protein 1 (DGF-1), putative	-0,3034	0,4797
TcCLB.510595.49	hypothetical protein, conserved	-0,3035	0,02697
TcCLB.511249.40	hypothetical protein, conserved	-0,3035	0,0293
TcCLB.508277.180	mismatch repair protein MSH3, putative	-0,3036	0,0004932
TcCLB.506709.40	hypothetical protein, conserved	-0,3037	0,05889
TcCLB.506363.20	hypothetical protein, conserved	-0,3037	0,08962
TcCLB.509319.100	hypothetical protein, conserved	-0,304	0,03557
TcCLB.511055.20	retrotransposon hot spot (RHS) protein, putative	-0,3041	0,000459
TcCLB.504047.70	hypothetical protein, conserved	-0,3041	0,008206
TcCLB.506479.80	hypothetical protein, conserved	-0,3041	0,0358
TcCLB.452895.10	hypothetical protein, conserved	-0,3041	0,1086
TcCLB.511507.60	hypothetical protein	-0,3041	0,1103
TcCLB.508719.40	kinetoplast DNA-associated protein, putative	-0,3042	0,01873
TcCLB.511577.144	hypothetical protein, conserved	-0,3042	0,09758
TcCLB.504239.380	hypothetical protein	-0,3042	0,6291
TcCLB.506625.200	ribosomal RNA processing protein 40, putative (RRP40)	-0,3043	0,07103
TcCLB.507011.110	hypothetical protein	-0,3044	0,06262
TcCLB.509395.59	hypothetical protein, conserved	-0,3044	0,1577
TcCLB.506627.100	hypothetical protein, conserved	-0,3045	0,07779
TcCLB.507011.80	zinc finger protein, putative	-0,3046	0,03498
TcCLB.507443.14	RNA polymerase IIA largest subunit, putative (fragment)	-0,3046	0,04305
TcCLB.508329.19	trans-sialidase (pseudogene), putative	-0,3047	0,4495
TcCLB.507093.60	hypothetical protein, conserved	-0,3048	0,004683
TcCLB.511203.20	surface protease GP63, putative	-0,3048	0,1439
TcCLB.506841.4	hypothetical protein, conserved	-0,305	0,2158
TcCLB.507837.10	Peptidase C50 separase, putative	-0,3051	0,04305
TcCLB.508815.40	hypothetical protein, conserved	-0,3051	0,05593
TcCLB.510663.64	mitochondrial carrier protein, putative	-0,3051	0,08285
TcCLB.481729.10	hypothetical protein, conserved	-0,3052	0,06
TcCLB.511369.5	elongation factor 1-alpha, putative (fragment)	-0,3052	0,5197
TcCLB.510955.60	hypothetical protein, conserved	-0,3053	0,01824
TcCLB.509895.60	hypothetical protein, conserved	-0,3055	0,2158
TcCLB.508257.110	hypothetical protein, conserved	-0,3057	0,004724
TcCLB.507875.180	AGP2beta-2, putative	-0,3057	0,006216
TcCLB.511277.620	hypothetical protein, conserved	-0,3057	0,009633
TcCLB.507677.10	hypothetical protein, conserved	-0,3057	0,01296
TcCLB.510289.99	hypothetical protein, conserved	-0,3058	0,1091
TcCLB.510659.80	hypothetical protein, conserved	-0,3059	0,02238
TcCLB.508153.220	hypothetical protein, conserved	-0,306	0,02308
TcCLB.506223.84	hypothetical protein, conserved	-0,306	0,0427
TcCLB.504027.10	hypothetical protein, conserved	-0,306	0,07212
TcCLB.508153.810	hypothetical protein, conserved	-0,3061	0,09376
TcCLB.457979.10	mucin-associated surface protein (MASP), putative	-0,3061	0,6407

TcCLB.507669.60	hypothetical protein, conserved	-0,3062	0,02522
TcCLB.511771.185	hypothetical protein	-0,3062	0,3103
TcCLB.507979.50	hypothetical protein, conserved	-0,3063	0,005868
TcCLB.511401.24	hypothetical protein, conserved (pseudogene)	-0,3063	0,1215
TcCLB.508181.70	hypothetical protein, conserved	-0,3064	0,001086
TcCLB.504149.60	hypothetical protein	-0,3065	0,001849
TcCLB.511367.190	hypothetical protein, conserved	-0,3065	0,005524
TcCLB.507023.170	hypothetical protein, conserved	-0,3065	0,01264
TcCLB.505037.157	trans-sialidase (pseudogene), putative	-0,3065	0,03754
TcCLB.508221.880	hypothetical protein	-0,3065	0,6703
TcCLB.511445.110	hypothetical protein, conserved	-0,3066	0,07424
TcCLB.510747.170	hypothetical protein, conserved	-0,3066	0,1629
TcCLB.508277.140	phosphomevalonate kinase protein, putative	-0,3067	0,0007878
TcCLB.511751.14	hypothetical protein, conserved (fragment)	-0,3067	0,05397
TcCLB.506175.30	hypothetical protein, conserved	-0,3067	0,2183
TcCLB.510509.50	mitochondrial RNA binding protein, putative	-0,3068	0,01729
TcCLB.508797.20	hypothetical protein, conserved	-0,3068	0,1748
TcCLB.510355.104	ATP-dependent DEAD/H RNA helicase (pseudogene), putat	-0,3068	0,4119
TcCLB.506975.60	hypothetical protein, conserved	-0,3069	0,003306
TcCLB.506337.140	hypothetical protein, conserved	-0,3069	0,0112
TcCLB.508531.10	glycine dehydrogenase (pseudogene), putative	-0,3069	0,2965
TcCLB.508543.80	hypothetical protein, conserved	-0,307	0,05593
TcCLB.508823.130	hypothetical protein, conserved	-0,3071	0,0008967
TcCLB.509171.70	hypothetical protein, conserved	-0,3071	0,03724
TcCLB.509395.40	hypothetical protein, conserved	-0,3071	0,05417
TcCLB.511461.40	hypothetical protein, conserved	-0,3072	0,01784
TcCLB.507649.60	hypothetical protein, conserved	-0,3073	0,0291
TcCLB.504867.114	tyrosine phosphatase, putative	-0,3073	0,04399
TcCLB.511439.80	hypothetical protein, conserved	-0,3074	0,0009007
TcCLB.505999.70	hypothetical protein, conserved	-0,3076	0,01857
TcCLB.510243.110	hypothetical protein, conserved	-0,3078	0,05187
TcCLB.510329.200	UDP-GlcNAc:PI a1-6 GlcNAc-transferase, putative	-0,308	0,001341
TcCLB.506679.60	hypothetical protein, conserved	-0,308	0,02323
TcCLB.511089.70	mucin-associated surface protein (MASP, pseudogene), pu	-0,308	0,3205
TcCLB.506575.50	hypothetical protein, conserved	-0,3082	0,0008592
TcCLB.506859.49	hypothetical protein, conserved	-0,3082	0,004502
TcCLB.510123.40	hypothetical protein, conserved	-0,3082	0,2156
TcCLB.510225.40	hypothetical protein, conserved	-0,3084	0,006806
TcCLB.504001.6	protein kinase, putative	-0,3084	0,009481
TcCLB.509033.40	hypothetical protein, conserved	-0,3085	0,01834
TcCLB.508251.50	mucin-associated surface protein (MASP), putative (fragm	-0,3085	0,6663
TcCLB.511389.50	hypothetical protein, conserved	-0,3086	0,001181
TcCLB.505365.50	beta galactofuranosyl glycosyltransferase (pseudogene), pi	-0,3086	0,2078
TcCLB.510767.30	hypothetical protein	-0,3087	0,1302
TcCLB.511127.350	hypothetical protein, conserved	-0,3088	0,01527

TcCLB.511647.40	hypothetical protein, conserved	-0,3088	0,02324
TcCLB.510163.10	hypothetical protein, conserved	-0,3088	0,02583
TcCLB.506295.90	coatomer subunit zeta, putative	-0,3089	0,09897
TcCLB.508515.20	translation factor sui1, putative	-0,3091	0,01731
TcCLB.507963.30	hypothetical protein, conserved	-0,3092	0,0004682
TcCLB.511603.320	mucin-associated surface protein (MASP), putative	-0,3092	0,5581
TcCLB.508409.9	26S proteasome regulatory non-ATPase subunit, putative	-0,3093	0,00837
TcCLB.506989.150	hypothetical protein, conserved	-0,3095	0,01286
TcCLB.509231.39	hypothetical protein, conserved	-0,3095	0,132
TcCLB.506357.110	hypothetical protein, conserved	-0,3096	0,01895
TcCLB.511425.40	hypothetical protein, conserved	-0,3097	0,01203
TcCLB.503431.40	hypothetical protein, conserved	-0,3098	0,07447
TcCLB.417091.10	RNA pseudouridylate synthase, putative	-0,3098	0,1387
TcCLB.504985.20	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, pu	-0,3098	0,4407
TcCLB.511907.220	hypothetical protein, conserved	-0,3099	0,02828
TcCLB.510509.9	inositol 1,4,5-trisphosphate receptor, putative (fragment) (	-0,31	0,01658
TcCLB.503925.100	hypothetical protein, conserved	-0,3101	0,05114
TcCLB.507683.34	hypothetical protein, conserved	-0,3101	0,09024
TcCLB.510359.190	hypothetical protein, conserved	-0,3101	0,1158
TcCLB.510189.40	mucin-associated surface protein (MASP), putative	-0,3101	0,378
TcCLB.416761.10	surface protease GP63, putative	-0,3101	0,4447
TcCLB.511109.50	hypothetical protein, conserved (pseudogene)	-0,3103	0,07379
TcCLB.504241.85	hypothetical protein, conserved (pseudogene)	-0,3103	0,1827
TcCLB.509571.70	hypothetical protein, conserved	-0,3104	0,01831
TcCLB.509569.180	hypothetical protein, conserved	-0,3104	0,03211
TcCLB.503697.110	hypothetical protein, conserved	-0,3105	0,03178
TcCLB.507795.50	syntaxin, putative	-0,3105	0,03491
TcCLB.508547.9	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, pu	-0,3105	0,06752
TcCLB.506547.10	dispersed gene family protein 1 (DGF-1, pseudogene), puta	-0,3107	0,3743
TcCLB.507257.20	hypothetical protein, conserved	-0,3108	0,01698
TcCLB.503881.50	hypothetical protein, conserved	-0,3109	0,2541
TcCLB.511049.10	hypothetical protein, conserved (pseudogene)	-0,3111	0,1065
TcCLB.506925.160	hypothetical protein, conserved	-0,3112	0,0512
TcCLB.507093.120	hypothetical protein, conserved	-0,3113	0,05216
TcCLB.508605.10	retrotransposon hot spot protein (RHS, pseudogene), putat	-0,3113	0,2259
TcCLB.504411.20	divalent cation tolerance protein, putative	-0,3115	0,3475
TcCLB.504137.130	hypothetical protein, conserved	-0,3116	0,01257
TcCLB.507057.30	arginine N-methyltransferase, type I (PRMT6)	-0,3116	0,09529
TcCLB.510149.20	hypothetical protein, conserved	-0,3119	0,02577
TcCLB.506821.100	mitochondrial RNA binding complex 1 subunit, putative (M	-0,312	0,007659
TcCLB.506507.20	hypothetical protein, conserved	-0,312	0,09729
TcCLB.511021.99	hypothetical protein, conserved	-0,312	0,1364
TcCLB.508753.20	trans-sialidase, Group V, putative	-0,312	0,3589
TcCLB.511307.10	kinesin, putative	-0,3121	0,01352
TcCLB.510359.230	hypothetical protein, conserved	-0,3124	0,006699



TcCLB.506471.19	hypothetical protein, conserved	-0,3124	0,1682
TcCLB.508165.425	mucin TcMUC (pseudogene), putative	-0,3124	0,5352
TcCLB.509991.40	transmembrane protein, conserved (pseudogene)	-0,3125	0,0000997
TcCLB.504153.220	DNA recombination and repair protein RAD51, putative	-0,3126	0,008838
TcCLB.507641.230	hypothetical protein, conserved	-0,3126	0,009454
TcCLB.503499.24	hypothetical protein	-0,3126	0,3364
TcCLB.508559.40	retrotransposon hot spot protein (RHS, pseudogene), putative	-0,3127	0,08357
TcCLB.508731.40	hypothetical protein, conserved	-0,3128	0,01852
TcCLB.511137.20	hypothetical protein, conserved	-0,3128	0,06967
TcCLB.509179.90	hypothetical protein, conserved	-0,3128	0,2908
TcCLB.506741.100	trans-sialidase, Group V, putative	-0,3128	0,411
TcCLB.504213.60	hypothetical protein, conserved	-0,3129	0,007443
TcCLB.510173.10	hypothetical protein, conserved	-0,3129	0,05546
TcCLB.510279.314	mucin TcMUCII (pseudogene), putative	-0,313	0,5684
TcCLB.509561.70	hypothetical protein, conserved	-0,3131	0,003056
TcCLB.504247.10	hypothetical protein, conserved	-0,3131	0,05198
TcCLB.506201.10	hypothetical protein, conserved	-0,3132	0,05033
TcCLB.506653.10	trans-sialidase, putative	-0,3132	0,6601
TcCLB.503869.40	pumilio/PUF RNA binding protein 9, putative (PUF9)	-0,3134	0,0381
TcCLB.508325.320	protein kinase, putative	-0,3134	0,165
TcCLB.511621.240	hypothetical protein, conserved	-0,3138	0,00121
TcCLB.508549.10	legume-like lectin, putative	-0,3138	0,009473
TcCLB.507997.70	hypothetical protein, conserved	-0,3138	0,01501
TcCLB.509721.50	hypothetical protein	-0,3138	0,0668
TcCLB.505267.110	dispersed gene family protein 1 (DGF-1), putative	-0,3138	0,178
TcCLB.510983.10	hypothetical protein	-0,3139	0,2271
TcCLB.511051.70	aminopeptidase, putative	-0,314	0,003149
TcCLB.507515.140	oxysterol-binding protein, putative	-0,314	0,01345
TcCLB.507775.50	proteasome alpha 7 subunit, putative	-0,314	0,02411
TcCLB.508323.40	hypothetical protein, conserved	-0,314	0,08757
TcCLB.506945.260	hypothetical protein, conserved	-0,3141	0,0006113
TcCLB.509647.26	hypothetical protein, conserved	-0,3141	0,01802
TcCLB.507997.50	hypothetical protein, conserved	-0,3141	0,03396
TcCLB.506641.9	dispersed gene family protein 1 (DGF-1), putative	-0,3141	0,3541
TcCLB.510583.209	mucin-associated surface protein (MASP, pseudogene), putative	-0,3141	0,7282
TcCLB.506011.20	hypothetical protein, conserved (pseudogene)	-0,3142	0,1789
TcCLB.511211.160	heat shock protein 70 (hsp70), putative	-0,3144	0,00004775
TcCLB.509235.20	C-5 sterol desaturase, putative	-0,3144	0,03584
TcCLB.511057.60	mucin-associated surface protein (MASP), putative	-0,3144	0,3769
TcCLB.507611.300	U1A small nuclear ribonucleoprotein, putative	-0,3145	0,1208
TcCLB.506945.340	hypothetical protein, conserved	-0,3146	0,001673
TcCLB.511491.150	hypothetical protein, conserved	-0,3147	0,02756
TcCLB.509569.170	hypothetical protein	-0,3148	0,001336
TcCLB.506925.540	hypothetical protein, conserved	-0,3148	0,004146
TcCLB.510075.30	hypothetical protein, conserved	-0,3149	0,002614

TcCLB.490165.9	DNA repair protein, putative	-0,3149	0,3165
TcCLB.503733.40	hypothetical protein, conserved	-0,3151	0,1303
TcCLB.511481.50	endonuclease III, putative	-0,3154	0,05586
TcCLB.507805.20	hypothetical protein	-0,3155	0,05071
TcCLB.504137.40	hypothetical protein, conserved	-0,3156	0,01792
TcCLB.506941.194	hypothetical protein, conserved	-0,3158	0,00007659
TcCLB.510329.60	RAB GDP dissociation inhibitor alpha, putative	-0,3158	0,0004586
TcCLB.511077.40	trans-sialidase (pseudogene), putative	-0,3158	0,4903
TcCLB.511545.40	ribosomal protein L27, putative	-0,3159	0,2084
TcCLB.506743.160	protein kinase, putative	-0,316	0,007082
TcCLB.511299.60	hypothetical protein, conserved	-0,3161	0,07033
TcCLB.504123.40	hypothetical protein, conserved	-0,3162	0,07417
TcCLB.510311.20	hypothetical protein, conserved	-0,3163	0,008158
TcCLB.511867.80	Vacuolar iron transporter 1, putative (VIT1)	-0,3163	0,02713
TcCLB.511153.64	histone H2B variant, putative	-0,3164	0,003126
TcCLB.508871.100	hypothetical protein	-0,3165	0,6877
TcCLB.510661.240	hypothetical protein, conserved	-0,3166	0,001791
TcCLB.511181.140	hypothetical protein	-0,3168	0,004589
TcCLB.507159.41	hypothetical protein, conserved	-0,3168	0,2384
TcCLB.510737.119	hypothetical protein, conserved	-0,3169	0,03729
TcCLB.507467.119	hypothetical protein, conserved	-0,3171	0,08309
TcCLB.511249.100	hypothetical protein, conserved	-0,3172	0,0002048
TcCLB.504057.104	phosphatidylinositol phosphate kinase alpha (PIPKA)	-0,3172	0,02223
TcCLB.506351.90	surface protease GP63, putative	-0,3172	0,09254
TcCLB.510047.70	hypothetical protein (pseudogene)	-0,3172	0,5301
TcCLB.509061.20	hypothetical protein, conserved	-0,3173	0,03093
TcCLB.504035.80	hypothetical protein, conserved	-0,3173	0,1631
TcCLB.506945.200	mago nashi-like protein, putative	-0,3175	0,001341
TcCLB.508325.20	retrotransposon hot spot protein (RHS, pseudogene), putat	-0,3175	0,1812
TcCLB.506435.90	hypothetical protein, conserved	-0,3176	0,01403
TcCLB.507017.30	hypothetical protein, conserved	-0,3176	0,08632
TcCLB.506297.110	ATPase, putative	-0,3177	0,0001514
TcCLB.507611.330	hypothetical protein, conserved	-0,3177	0,05185
TcCLB.509065.40	hypothetical protein, conserved	-0,3178	0,01933
TcCLB.506459.210	mucin TcMUCII, putative	-0,3178	0,5721
TcCLB.507641.30	hypothetical protein, conserved	-0,3179	0,002033
TcCLB.508461.250	ATP-dependent RNA helicase, putative	-0,3181	0,0007869
TcCLB.507905.30	trans-sialidase (pseudogene), putative	-0,3181	0,001515
TcCLB.503583.60	hypothetical protein	-0,3181	0,00478
TcCLB.509695.190	cdc2-related kinase 1, putative (CRK1)	-0,3181	0,01346
TcCLB.508269.76	N-acetyltransferase complex ARD1 subunit (pseudogene),	-0,3181	0,4036
TcCLB.509419.260	dispersed gene family protein 1 (DGF-1), putative	-0,3181	0,4227
TcCLB.511881.40	protein transport protein Sec24C, putative	-0,3182	0,01453
TcCLB.509563.20	hypothetical protein, conserved	-0,3183	0,03215
TcCLB.503801.50	hypothetical protein, conserved	-0,3184	0,0108

TcCLB.505987.50	adenosine kinase, putative	-0,3184	0,01606
TcCLB.508479.160	hypothetical protein, conserved	-0,3185	0,0008797
TcCLB.509647.60	hypothetical protein, conserved	-0,3185	0,00199
TcCLB.506265.50	hypothetical protein, conserved	-0,3187	0,03582
TcCLB.509591.10	ubiquitin-conjugating enzyme, putative	-0,3187	0,05045
TcCLB.509793.40	kinetoplast-associated protein (TcKAP4)	-0,3188	0,01619
TcCLB.508659.40	protein phosphatase 2C-like (pseudogene), putative	-0,3188	0,08864
TcCLB.509749.20	hypothetical protein, conserved	-0,3188	0,2037
TcCLB.503453.4	hypothetical protein, conserved	-0,3188	0,2607
TcCLB.505999.30	anti-silencing protein ASF 1, putative	-0,3189	0,1334
TcCLB.506113.83	ATP-dependent DEAD/H RNA helicase (pseudogene), putat	-0,319	0,2383
TcCLB.508463.20	hypothetical protein, conserved	-0,3191	0,0001172
TcCLB.506195.60	hypothetical protein, conserved	-0,3191	0,02755
TcCLB.507033.4	hypothetical protein, conserved	-0,3191	0,1143
TcCLB.507011.190	hypothetical protein, conserved	-0,3191	0,1387
TcCLB.507787.140	hypothetical protein, conserved	-0,3193	0,01422
TcCLB.509693.160	hypothetical protein, conserved	-0,3193	0,01618
TcCLB.507801.240	mucin-associated surface protein (MASP, pseudogene), pu	-0,3193	0,3154
TcCLB.509699.140	mucin-associated surface protein (MASP, pseudogene), pu	-0,3193	0,3371
TcCLB.503899.40	hypothetical protein, conserved	-0,3194	0,00577
TcCLB.505009.30	serine/threonine protein kinase, putative	-0,3194	0,1516
TcCLB.506609.50	hypothetical protein	-0,3195	0,5196
TcCLB.511363.10	hypothetical protein, conserved	-0,3196	0,001447
TcCLB.506925.50	hypothetical protein, conserved	-0,3196	0,003923
TcCLB.511559.20	hypothetical protein, conserved	-0,3197	0,001493
TcCLB.509901.150	hypothetical protein, conserved	-0,3197	0,1096
TcCLB.510105.33	RNA-binding protein, putative	-0,3197	0,2943
TcCLB.506725.10	hypothetical protein, conserved	-0,3198	0,03315
TcCLB.509775.40	iron superoxide dismutase, putative	-0,3198	0,05056
TcCLB.503669.30	hypothetical protein, conserved	-0,3199	0,04814
TcCLB.504047.30	kinesin, putative	-0,32	0,01975
TcCLB.508777.80	hypothetical protein, conserved	-0,3201	0,01187
TcCLB.510755.40	hypothetical protein, conserved	-0,3201	0,08864
TcCLB.511245.70	hypothetical protein, conserved	-0,3202	0,004455
TcCLB.507817.50	hypothetical protein, conserved	-0,3204	0,03826
TcCLB.511377.25	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	-0,3204	0,5462
TcCLB.510687.10	dynein heavy chain (pseudogene), putative	-0,3206	0,00002326
TcCLB.508629.100	trans-sialidase (pseudogene), putative	-0,3206	0,02226
TcCLB.503431.50	hypothetical protein, conserved	-0,3206	0,07623
TcCLB.507641.170	hypothetical protein, conserved	-0,3207	0,00432
TcCLB.508543.129	hypothetical protein, conserved	-0,3207	0,01471
TcCLB.508181.140	inorganic pyrophosphatase, putative	-0,3207	0,03392
TcCLB.504153.170	hypothetical protein, conserved	-0,3209	4,652E-06
TcCLB.511501.10	hypothetical protein, conserved	-0,321	0,00003216
TcCLB.511587.39	ATP-dependent DEAD/H RNA helicase (pseudogene), putat	-0,321	0,2127

TcCLB.506691.14	ATP-dependent DEAD/H RNA helicase, putative (fragment)	-0,3211	0,005226
TcCLB.510187.140	hypothetical protein, conserved	-0,3214	0,0007199
TcCLB.506755.60	hypothetical protein, conserved	-0,3214	0,0972
TcCLB.509163.10	hypothetical protein	-0,3215	0,1329
TcCLB.508307.200	hypothetical protein, conserved	-0,3216	0,02808
TcCLB.510517.10	chaperonin/T-complex protein 1 gamma subunit, putative	-0,3217	0,002233
TcCLB.511283.20	protein transport protein SEC13, putative	-0,3217	0,01469
TcCLB.503913.10	hypothetical protein, conserved	-0,3217	0,02737
TcCLB.507623.30	hypothetical protein, conserved	-0,3218	0,001914
TcCLB.508221.150	mucin-associated surface protein (MASP), putative	-0,3218	0,5122
TcCLB.511141.10	hypothetical protein, conserved	-0,3219	0,1077
TcCLB.506589.130	trans-sialidase (pseudogene), putative	-0,322	0,1885
TcCLB.511913.9	ribonuclease L inhibitor (pseudogene), putative	-0,3221	0,004921
TcCLB.506945.80	DNA ligase I, putative	-0,3222	0,001032
TcCLB.506315.10	hypothetical protein	-0,3222	0,0368
TcCLB.505949.30	trans-sialidase, Group V, putative	-0,3222	0,4185
TcCLB.508699.30	hypothetical protein, conserved	-0,3223	0,07717
TcCLB.504097.40	hypothetical protein, conserved	-0,3224	0,005981
TcCLB.506195.100	malate dehydrogenase (pseudogene), putative	-0,3224	0,04378
TcCLB.509751.10	hypothetical protein, conserved	-0,3226	0,07079
TcCLB.511003.180	hypothetical protein, conserved	-0,3226	0,1121
TcCLB.509831.20	vesicular-fusion ATPase-like protein, putative	-0,3227	0,001286
TcCLB.507711.150	Ubiquitin-like modifier-activating enzyme ATG7, putative (	-0,3227	0,008789
TcCLB.509429.41	trans-sialidase (pseudogene), putative	-0,3229	0,2291
TcCLB.508153.1140	hypothetical protein, conserved	-0,323	0,02567
TcCLB.510729.90	hypothetical protein, conserved	-0,3231	0,00825
TcCLB.506287.170	hypothetical protein, conserved	-0,3232	0,002271
TcCLB.508799.40	hypothetical protein, conserved	-0,3232	0,003679
TcCLB.510943.170	hypothetical protein, conserved	-0,3232	0,006021
TcCLB.503841.40	actin, putative	-0,3232	0,02839
TcCLB.506817.70	hypothetical protein	-0,3232	0,2574
TcCLB.509779.30	hypothetical protein, conserved	-0,3233	0,01571
TcCLB.507809.50	hypothetical protein, conserved	-0,3233	0,07613
TcCLB.507831.100	hypothetical protein, conserved	-0,3234	0,01777
TcCLB.505615.10	surface protease GP63, putative	-0,3234	0,06222
TcCLB.503489.24	hypothetical protein, conserved	-0,3235	0,0004344
TcCLB.508061.50	dispersed gene family protein 1 (DGF-1), putative	-0,3236	0,02893
TcCLB.509027.30	hypothetical protein, conserved	-0,3237	0,04739
TcCLB.506413.50	hypothetical protein, conserved	-0,3238	0,02632
TcCLB.504167.40	ubiquitin fusion degradation protein, putative	-0,3238	0,02896
TcCLB.507087.50	hypothetical protein, conserved	-0,3238	0,03749
TcCLB.509037.30	hypothetical protein, conserved	-0,3239	0,0325
TcCLB.510407.60	tyrosyl-tRNA synthetase (pseudogene), putative	-0,324	0,0001608
TcCLB.507021.10	hypothetical protein, conserved	-0,324	0,0136
TcCLB.440363.10	hypothetical protein, conserved	-0,324	0,1176

TcCLB.508641.250	hypothetical protein	-0,3241	0,002264
TcCLB.508489.20	hypothetical protein, conserved	-0,3242	0,02199
TcCLB.506763.361	syntaxin binding protein (pseudogene), putative	-0,3243	0,5323
TcCLB.508153.20	vacuolar protein sorting-associated protein, putative	-0,3244	0,0001968
TcCLB.511067.10	tubulin folding cofactor D, putative	-0,3244	0,0002033
TcCLB.508357.9	hypothetical protein, conserved (fragment)	-0,3244	0,003506
TcCLB.506629.220	isovaleryl-coA dehydrogenase, putative	-0,3244	0,005329
TcCLB.503453.80	hypothetical protein, conserved	-0,3244	0,0377
TcCLB.511361.80	hypothetical protein, conserved	-0,3244	0,03813
TcCLB.508805.110	hypothetical protein	-0,3244	0,3571
TcCLB.510311.160	hypothetical protein, conserved	-0,3245	0,02161
TcCLB.511665.50	dispersed gene family protein 1 (DGF-1), putative	-0,3245	0,07743
TcCLB.509269.19	sphingosine-1-phosphate phosphatase, putative	-0,3246	0,006508
TcCLB.511517.170	hypothetical protein, conserved	-0,3246	0,007346
TcCLB.506945.120	chromosomal passenger protein, putative (CPC1)	-0,3246	0,01649
TcCLB.508577.80	hypothetical protein, conserved	-0,3246	0,09851
TcCLB.510377.310	mucin-associated surface protein (MASP, pseudogene), pu	-0,3246	0,569
TcCLB.511877.30	surface protease GP63 (pseudogene), putative	-0,3247	0,2284
TcCLB.506247.100	hypothetical protein, conserved	-0,3248	0,08202
TcCLB.510565.110	hypothetical protein	-0,3248	0,1404
TcCLB.507611.290	acetyltransferase, putative	-0,3249	0,04733
TcCLB.508469.20	hypothetical protein, conserved	-0,3249	0,05198
TcCLB.511423.170	chaperone DNAJ protein, putative	-0,3249	0,08124
TcCLB.506913.20	protein kinase, putative (fragment)	-0,3249	0,2315
TcCLB.511767.10	trans-sialidase, putative	-0,325	0,3784
TcCLB.511585.20	KREL1	-0,3252	0,001998
TcCLB.503779.40	protein-l-isoaspartate o-methyltransferase, putative	-0,3252	0,01177
TcCLB.508479.350	hypothetical protein, conserved	-0,3253	0,002142
TcCLB.507467.20	hypothetical protein, conserved	-0,3253	0,0151
TcCLB.509617.89	Zn-finger protein, putative (fragment)	-0,3254	0,02831
TcCLB.457339.19	hypothetical protein, conserved	-0,3254	0,1196
TcCLB.510325.69	Aminopeptidase M1, putative (fragment)	-0,3255	0,00147
TcCLB.506681.20	hypothetical protein, conserved	-0,3256	0,0007858
TcCLB.510769.30	hypothetical protein, conserved	-0,3256	0,003504
TcCLB.509573.50	hypothetical protein, conserved	-0,3257	0,000447
TcCLB.510745.49	hypothetical protein, conserved (fragment)	-0,3257	0,1799
TcCLB.510243.100	chloride channel protein, putative	-0,3258	0,002717
TcCLB.503559.100	long-chain-fatty-acid-CoA ligase, putative	-0,3258	0,004166
TcCLB.503897.130	hypothetical protein, conserved	-0,3258	0,04096
TcCLB.507257.130	hypothetical protein, conserved	-0,3258	0,05155
TcCLB.506629.100	hypothetical protein	-0,3259	0,004393
TcCLB.510729.30	hypothetical protein, conserved	-0,3259	0,06109
TcCLB.509633.10	hypothetical protein, conserved	-0,3259	0,08614
TcCLB.511473.9	N-acetyltransferase complex ARD1 subunit (pseudogene),	-0,326	0,2638
TcCLB.511245.110	hypothetical protein, conserved	-0,3261	0,003456

TcCLB.506885.290	DNA replication licensing factor MCM9, putative	-0,3261	0,005612
TcCLB.511173.190	trans-sialidase (pseudogene), putative	-0,3261	0,4036
TcCLB.508409.100	hypothetical protein, conserved	-0,3262	0,00007568
TcCLB.506559.180	hypothetical protein, conserved	-0,3262	0,003808
TcCLB.506289.60	hypothetical protein, conserved	-0,3262	0,04739
TcCLB.511665.15	dispersed gene family protein 1 (DGF-1), putative (fragme	-0,3262	0,3473
TcCLB.506557.24	hypothetical protein, conserved	-0,3263	0,1313
TcCLB.511183.570	syntaxin binding protein (pseudogene), putative	-0,3263	0,4819
TcCLB.506165.10	hypothetical protein, conserved	-0,3264	0,01319
TcCLB.508405.20	TBC1 domain family member 20/GTPase, putative	-0,3264	0,08857
TcCLB.506897.10	mucin TcMUCII, putative	-0,3264	0,5496
TcCLB.504163.110	N-acetyltransferase subunit Nat1, putative	-0,3265	0,0009643
TcCLB.508949.40	hypothetical protein, conserved	-0,3265	0,05239
TcCLB.508277.300	hypothetical protein, conserved	-0,3265	0,05392
TcCLB.508707.64	exonuclease, putative	-0,3265	0,09268
TcCLB.508871.20	mucin TcMUCII, putative	-0,3265	0,5846
TcCLB.508257.40	hypothetical protein, conserved	-0,3269	0,01185
TcCLB.510659.194	hypothetical protein, conserved	-0,3269	0,0207
TcCLB.509321.19	GTP-binding protein, putative	-0,3269	0,02391
TcCLB.508405.50	hypothetical protein, conserved	-0,3269	0,05144
TcCLB.508647.130	hypothetical protein, conserved	-0,327	0,01577
TcCLB.505171.50	ras-related GTP-binding protein, putative	-0,327	0,09943
TcCLB.508479.240	hypothetical protein, conserved	-0,3271	0,003829
TcCLB.506227.140	hypothetical protein, conserved	-0,3272	0,05741
TcCLB.508661.10	Eukaryotic translation initiation factor 4E type 5, putative (	-0,3273	0,005922
TcCLB.510729.180	hypothetical protein	-0,3273	0,006441
TcCLB.510299.79	protein phosphatase 2C, putative	-0,3273	0,01893
TcCLB.509793.60	hypothetical protein, conserved	-0,3274	0,01668
TcCLB.508409.220	hypothetical protein, conserved	-0,3274	0,01733
TcCLB.505939.40	hypothetical protein, conserved	-0,3274	0,02501
TcCLB.508303.65	thioredoxin-like protein, putative	-0,3274	0,04187
TcCLB.506589.140	mucin-associated surface protein (MASP), putative	-0,3274	0,2858
TcCLB.503897.80	deaminase, putative	-0,3275	0,1026
TcCLB.511523.30	hypothetical protein	-0,3276	0,004019
TcCLB.506599.270	mucin TcMUCII, putative	-0,3276	0,5796
TcCLB.508139.170	retrotransposon hot spot protein (RHS, pseudogene), putat	-0,3279	0,01996
TcCLB.511731.40	hypothetical protein, conserved	-0,3281	0,004597
TcCLB.511575.100	protein transport protein SEC23, putative	-0,3282	0,0001548
TcCLB.508059.30	hypothetical protein, conserved	-0,3282	0,0105
TcCLB.449247.4	serine/threonine protein phosphatase, putative (fragment)	-0,3283	0,0312
TcCLB.503401.20	hypothetical protein, conserved	-0,3283	0,09845
TcCLB.508827.44	hypothetical protein, conserved	-0,3284	0,02408
TcCLB.509593.59	dispersed gene family protein 1 (DGF-1), putative	-0,3284	0,6426
TcCLB.509607.30	splicing factor TSR1, putative	-0,3285	0,002364
TcCLB.510519.120	hypothetical protein, conserved	-0,3285	0,007208

TcCLB.506943.120	hypothetical protein, conserved	-0,3286	0,0253
TcCLB.503599.20	hypothetical protein, conserved	-0,3286	0,09617
TcCLB.428999.20	receptor-type adenylate cyclase, putative	-0,3286	0,1401
TcCLB.506253.21	hypothetical protein, conserved	-0,3286	0,5513
TcCLB.511255.65	surface protease GP63 (pseudogene), putative	-0,3287	0,545
TcCLB.511729.60	MORN repeat-containing protein 1 (MORN1)	-0,3288	0,0007397
TcCLB.509429.240	hypothetical protein, conserved	-0,3288	0,01094
TcCLB.510091.40	Mad2-like HORMA domain containing protein (mad2)	-0,3288	0,01166
TcCLB.511555.40	CPSF 30 kDa subunit, putative (CPSF30)	-0,3288	0,01852
TcCLB.508807.5	glycosylphosphatidylinositol-specific phospholipase C, puta	-0,3288	0,09558
TcCLB.507993.340	hypothetical protein	-0,3288	0,2225
TcCLB.507805.30	hypothetical protein, conserved (pseudogene)	-0,3288	0,2308
TcCLB.510659.120	dolichol kinase, putative	-0,3289	0,001388
TcCLB.509979.230	hypothetical protein, conserved	-0,3289	0,04395
TcCLB.510625.130	hypothetical protein	-0,3289	0,6099
TcCLB.402647.9	hypothetical protein, conserved	-0,329	0,05318
TcCLB.506989.199	hypothetical protein, conserved	-0,329	0,1602
TcCLB.507681.160	40S ribosomal protein S24E, putative	-0,3291	0,005486
TcCLB.509683.100	hypothetical protein, conserved	-0,3291	0,01805
TcCLB.511553.140	mucin-associated surface protein (MASP), putative	-0,3291	0,5202
TcCLB.509261.10	p-nitrophenylphosphatase, putative	-0,3292	0,02624
TcCLB.510697.25	surface protease GP63 (pseudogene), putative	-0,3294	0,3481
TcCLB.510889.160	cell division control protein (pseudogene), putative	-0,3295	0,01166
TcCLB.509589.10	mitochondrial DNA polymerase I protein D, putative	-0,3295	0,0171
TcCLB.511043.60	receptor-type adenylate cyclase, putative	-0,3295	0,03664
TcCLB.506791.10	CYC2-like cyclin 4, putative (CYC4)	-0,3296	0,006236
TcCLB.506977.80	hypothetical protein, conserved	-0,3297	0,00009489
TcCLB.508647.270	malic enzyme, putative	-0,3297	0,00009886
TcCLB.507257.40	hypothetical protein, conserved	-0,3297	0,1672
TcCLB.508121.130	mucin-associated surface protein (MASP, pseudogene), pu	-0,3297	0,2566
TcCLB.511145.43	proteasome subunit alpha type-5, putative	-0,3299	0,01265
TcCLB.506297.140	hypothetical protein, conserved	-0,3299	0,02832
TcCLB.509049.40	hypothetical protein, conserved	-0,3299	0,03536
TcCLB.503395.30	hypothetical protein, conserved	-0,33	0,006076
TcCLB.506733.10	hypothetical protein, conserved	-0,33	0,04228
TcCLB.507997.54	Alpha/beta hydrolase domain-containing protein	-0,3301	0,01075
TcCLB.509213.10	hypothetical protein, conserved	-0,3302	0,05818
TcCLB.510421.80	hypothetical protein	-0,3302	0,1175
TcCLB.507629.20	hypothetical protein, conserved	-0,3303	0,00005501
TcCLB.511627.60	vesicle-associated membrane protein	-0,3303	0,01319
TcCLB.503931.46	hypothetical protein, conserved (pseudogene)	-0,3303	0,294
TcCLB.508951.4	protein kinase, putative (fragment)	-0,3303	0,3124
TcCLB.506739.50	ATP-dependent protease ATPase subunit HslU1, putative (I	-0,3304	0,0001534
TcCLB.510285.90	hypothetical protein, conserved	-0,3304	0,009765
TcCLB.511407.70	hypothetical protein, conserved	-0,3306	0,002011

TcCLB.510545.30	mucin-associated surface protein (MASP, pseudogene), pu	-0,3306	0,4243
TcCLB.507857.70	hypothetical protein, conserved	-0,3307	0,00833
TcCLB.503913.49	hypothetical protein, conserved (fragment)	-0,3307	0,4242
TcCLB.507793.30	hypothetical protein, conserved	-0,3308	0,02993
TcCLB.507673.65	DNA-directed RNA polymerase subunit, putative	-0,3308	0,5515
TcCLB.506973.20	mucin-associated surface protein (MASP), putative	-0,3309	0,1931
TcCLB.510693.270	trans-sialidase, Group VI, putative	-0,3309	0,4197
TcCLB.511877.15	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	-0,331	0,1269
TcCLB.509453.20	hypothetical protein, conserved	-0,3312	0,1783
TcCLB.504133.30	tyrosine protein kinase, putative	-0,3313	0,001383
TcCLB.503843.10	hypothetical protein, conserved	-0,3313	0,007048
TcCLB.508425.31	hypothetical protein, conserved (pseudogene)	-0,3313	0,04297
TcCLB.507641.130	hypothetical protein, conserved	-0,3313	0,05822
TcCLB.504213.130	hypothetical protein, conserved	-0,3314	0,06472
TcCLB.506009.109	hypothetical protein, conserved	-0,3314	0,08847
TcCLB.510371.5	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	-0,3314	0,5423
TcCLB.434259.10	RNA polymerase-associated protein CTR9, putative	-0,3315	0,033
TcCLB.511517.10	hypothetical protein, conserved	-0,3315	0,03595
TcCLB.508859.109	exosome complex exonuclease, putative	-0,3315	0,08775
TcCLB.509897.140	trans-sialidase, Group V, putative	-0,3315	0,124
TcCLB.503827.60	mucin-associated surface protein (MASP), putative	-0,3316	0,3916
TcCLB.508693.10	cleavage and polyadenylation specificity factor, putative	-0,3318	0,0001544
TcCLB.509733.130	hypothetical protein, conserved	-0,3318	0,002273
TcCLB.510821.20	hypothetical protein, conserved	-0,3319	0,00004011
TcCLB.510123.30	DNA repair protein, putative	-0,3319	0,02845
TcCLB.507757.21	hypothetical protein, conserved	-0,332	0,1656
TcCLB.506601.21	syntaxin binding protein (pseudogene), putative	-0,332	0,5327
TcCLB.511075.40	cullin, putative	-0,3321	0,001101
TcCLB.510115.30	trans-sialidase, Group VI, putative	-0,3321	0,1136
TcCLB.509381.10	mitochondrial import receptor subunit, putative	-0,3322	0,004674
TcCLB.506195.260	hypothetical protein	-0,3322	0,01053
TcCLB.510533.130	hypothetical protein, conserved	-0,3323	0,009664
TcCLB.506833.79	hypothetical protein, conserved (fragment)	-0,3324	0,005085
TcCLB.510519.70	mitochondrial RNA binding complex 1 subunit, putative	-0,3324	0,01108
TcCLB.508479.230	peroxin-2, putative	-0,3324	0,02555
TcCLB.507681.90	hypothetical protein, conserved	-0,3325	0,006326
TcCLB.511055.40	glycine dehydrogenase [decarboxylating] (pseudogene), pu	-0,3325	0,04957
TcCLB.506661.110	hypothetical protein, conserved	-0,3326	0,0001908
TcCLB.510359.130	hypothetical protein, conserved	-0,3326	0,01949
TcCLB.509023.190	hypothetical protein, conserved	-0,3326	0,1685
TcCLB.506269.50	mucin-associated surface protein (MASP, pseudogene), pu	-0,3326	0,406
TcCLB.507017.90	hypothetical protein, conserved	-0,3327	0,04498
TcCLB.509099.5	NUP-1 protein, putative (fragment)	-0,3328	0,02953
TcCLB.506111.10	retrotransposon hot spot protein (RHS, pseudogene), putat	-0,3328	0,03341
TcCLB.506733.40	katanin-like protein, putative	-0,3328	0,03485



TcCLB.510765.20	hypothetical protein, conserved	-0,3328	0,1543
TcCLB.508289.94	hypothetical protein, conserved (pseudogene)	-0,3328	0,6033
TcCLB.507099.140	endomembrane protein, putative	-0,3329	0,0001866
TcCLB.504057.21	hypothetical protein, conserved	-0,3331	0,01665
TcCLB.506315.80	hypothetical protein, conserved	-0,3332	0,01216
TcCLB.505963.9	dispersed gene family protein 1 (DGF-1), putative (fragme	-0,3332	0,2104
TcCLB.510181.69	hypothetical protein, conserved	-0,3333	0,0309
TcCLB.506257.70	hypothetical protein, conserved	-0,3335	0,01868
TcCLB.507807.10	hypothetical protein, conserved	-0,3337	0,0001358
TcCLB.508303.4	ubiquitin-protein ligase, putative	-0,3337	0,01041
TcCLB.507037.20	RNA-binding protein, putative	-0,3337	0,01569
TcCLB.503463.30	protein kinase, putative	-0,3337	0,0287
TcCLB.508911.20	hypothetical protein, conserved	-0,3339	0,0548
TcCLB.507047.170	hypothetical protein, conserved	-0,3339	0,224
TcCLB.511169.20	hypothetical protein, conserved	-0,334	0,03046
TcCLB.506309.110	mucin TcMUCII, putative	-0,3341	0,5156
TcCLB.511751.200	epsilon-adaptin, putative	-0,3342	0,001463
TcCLB.506839.14	hypothetical protein, conserved	-0,3342	0,007353
TcCLB.503759.30	trans-sialidase, putative	-0,3342	0,447
TcCLB.508269.60	exosome-associated protein 4, putative (EAP4)	-0,3343	0,1255
TcCLB.511585.140	hypothetical protein, conserved	-0,3344	0,000739
TcCLB.509965.90	hypothetical protein, conserved	-0,3344	0,001072
TcCLB.432787.10	mitochondrial RNA binding complex 1 subunit, putative (fr	-0,3344	0,05299
TcCLB.506741.120	mucin-associated surface protein (MASP), putative	-0,3344	0,4537
TcCLB.509499.14	peroxidoxin	-0,3345	0,0001801
TcCLB.510533.230	palmitoyl acyltransferase 11, putative	-0,3346	0,04166
TcCLB.504069.110	hypothetical protein, conserved	-0,3346	0,1092
TcCLB.506067.230	trans-sialidase (pseudogene), putative	-0,3346	0,3388
TcCLB.510965.5	elongation factor 2, putative (fragment)	-0,3347	0,00006688
TcCLB.509567.10	hypothetical protein, conserved	-0,3348	0,02025
TcCLB.510735.9	hypothetical protein, conserved	-0,3349	0,001418
TcCLB.509103.10	hypothetical protein, conserved	-0,3349	0,01174
TcCLB.507943.60	hypothetical protein, conserved	-0,3349	0,01299
TcCLB.504235.9	hypothetical protein, conserved (fragment)	-0,335	0,1597
TcCLB.511201.19	hypothetical protein (fragment)	-0,3352	0,02031
TcCLB.506925.104	dynein light chain, putative	-0,3354	0,000135
TcCLB.506855.340	U4/U6 small nuclear ribonuclear protein, putative	-0,3354	0,01673
TcCLB.510519.130	hypothetical protein, conserved	-0,3354	0,02795
TcCLB.510645.49	ribosomal protein L3 mitochondrial, putative	-0,3355	0,1029
TcCLB.507025.30	hypothetical protein, conserved	-0,3357	0,05199
TcCLB.510733.54	hypothetical protein, conserved	-0,3357	0,07488
TcCLB.511629.40	hypothetical protein, conserved	-0,3357	0,08209
TcCLB.432867.20	hypothetical protein, conserved	-0,3357	0,2547
TcCLB.508393.9	dispersed gene family protein 1 (DGF-1), putative	-0,3358	0,6352
TcCLB.509805.20	cAMP phosphodiesterase A, putative (PDEA)	-0,3359	0,04373

TcCLB.511367.354	U1 small nuclear ribonucleoprotein C, putative	-0,336	0,05602
TcCLB.508541.210	hypothetical protein, conserved	-0,3361	0,006192
TcCLB.506637.60	hypothetical protein, conserved	-0,3361	0,03428
TcCLB.510755.147	hypothetical protein, conserved	-0,3361	0,07033
TcCLB.509613.20	trans-sialidase (pseudogene), putative	-0,3362	0,306
TcCLB.508577.140	cyclophilin, putative	-0,3363	0,001389
TcCLB.467795.9	diphthamide synthesis protein, putative	-0,3363	0,01121
TcCLB.504081.295	surface protease GP63 (pseudogene), putative	-0,3363	0,532
TcCLB.508505.30	hypothetical protein, conserved	-0,3365	0,006896
TcCLB.509913.20	hypothetical protein, conserved	-0,3365	0,007435
TcCLB.508261.29	mucin TcMUCII (pseudogene), putative	-0,3365	0,6033
TcCLB.508897.20	signal recognition particle protein, putative	-0,3366	0,00006265
TcCLB.506679.160	intraflagellar transport protein 122, putative (IFT122)	-0,3366	0,0002421
TcCLB.511365.50	hypothetical protein, conserved (pseudogene)	-0,3366	0,002599
TcCLB.506419.10	ribosomal protein L7/L12, putative	-0,3367	0,04873
TcCLB.511867.209	dynein heavy chain, putative (fragment)	-0,3368	0,004175
TcCLB.508769.10	hypothetical protein, conserved (pseudogene)	-0,3368	0,008174
TcCLB.510637.9	dispersed gene family protein 1 (DGF-1), putative	-0,3369	0,1238
TcCLB.509683.60	hypothetical protein, conserved	-0,337	0,01775
TcCLB.507807.40	hypothetical protein, conserved	-0,3371	0,004849
TcCLB.510355.269	cytochrome b5, putative	-0,3371	0,1563
TcCLB.506649.64	hypothetical protein, conserved	-0,3371	0,1935
TcCLB.505807.140	hypothetical protein, conserved	-0,3372	0,002273
TcCLB.506265.200	hypothetical protein, conserved	-0,3372	0,08251
TcCLB.507639.60	hypothetical protein, conserved	-0,3373	0,005964
TcCLB.509991.90	RNA-editing nuclease 1 (KREN1)	-0,3373	0,01529
TcCLB.410199.10	hypothetical protein	-0,3373	0,07438
TcCLB.506341.10	N-acetylglucosamine-6-phosphate deacetylase-like proteir	-0,3376	0,0199
TcCLB.508857.110	hypothetical protein, conserved	-0,3377	0,08833
TcCLB.508707.220	hypothetical protein	-0,3378	0,00989
TcCLB.508461.200	hypothetical protein, conserved	-0,3378	0,01264
TcCLB.508277.401	magnesium and cobalt transport protein, putative (fragme	-0,3378	0,01676
TcCLB.508997.20	phosphatidylinositol 3-kinase, putative	-0,338	0,0005001
TcCLB.511733.80	hypothetical protein	-0,338	0,00236
TcCLB.510963.90	elongation factor 2, putative	-0,3381	1,902E-06
TcCLB.510131.10	hypothetical protein, conserved	-0,3382	0,003894
TcCLB.508933.20	dihydrolipoamide dehydrogenase, putative	-0,3382	0,0316
TcCLB.509685.20	syntaxin binding protein (pseudogene), putative	-0,3383	0,4571
TcCLB.503781.60	tRNA pseudouridine synthase A, putative	-0,3385	0,008923
TcCLB.507669.84	ATP-dependent DEAD/H RNA helicase, putative	-0,3387	0,0009042
TcCLB.509505.89	hypothetical protein, conserved	-0,3387	0,02533
TcCLB.510283.100	hypothetical protein, conserved	-0,3387	0,1684
TcCLB.508153.440	polynucleotide adenylyltransferase, putative (PAP)	-0,3388	0,01047
TcCLB.511893.20	hypothetical protein, conserved	-0,3388	0,5921
TcCLB.510877.30	hypothetical protein, conserved	-0,339	0,00001351

TcCLB.508479.213	hypothetical protein, conserved	-0,339	0,1418
TcCLB.508479.465	ATP-dependent DEAD/H RNA helicase (pseudogene), putat	-0,339	0,3463
TcCLB.508277.290	hypothetical protein, conserved	-0,3391	8,853E-06
TcCLB.510357.80	hypothetical protein, conserved	-0,3391	0,01055
TcCLB.508851.100	cyclophilin-like protein, putative	-0,3391	0,0926
TcCLB.511283.200	hypothetical protein, conserved	-0,3392	0,0002142
TcCLB.510719.180	hypothetical protein, conserved	-0,3392	0,002745
TcCLB.509065.30	hypothetical protein, conserved	-0,3392	0,006098
TcCLB.507445.20	trans-sialidase (pseudogene), putative	-0,3392	0,02228
TcCLB.506963.60	hypothetical protein, conserved (pseudogene)	-0,3392	0,02998
TcCLB.506855.100	hypothetical protein, conserved	-0,3392	0,04067
TcCLB.511217.180	hypothetical protein, conserved	-0,3393	0,004331
TcCLB.503395.59	hypothetical protein, conserved (fragment)	-0,3393	0,2658
TcCLB.506737.135	hypothetical protein, conserved (pseudogene)	-0,3395	0,03417
TcCLB.508777.200	hypothetical protein, conserved	-0,3395	0,246
TcCLB.509179.30	hypothetical protein, conserved	-0,3396	0,01948
TcCLB.505987.70	phosphatidylinositol 4-kinase, putative	-0,3396	0,03037
TcCLB.510431.230	hypothetical protein, conserved	-0,3397	0,006516
TcCLB.508303.44	hypothetical protein, conserved	-0,3398	0,07177
TcCLB.506649.90	hypothetical protein, conserved	-0,3399	5,423E-07
TcCLB.510719.80	hypothetical protein, conserved	-0,3399	1,827E-06
TcCLB.504867.120	hypothetical protein	-0,3399	0,0002395
TcCLB.504021.60	hypothetical protein, conserved	-0,34	0,01929
TcCLB.507731.50	trans-sialidase (pseudogene), putative	-0,34	0,4986
TcCLB.510377.405	hypothetical protein, conserved (pseudogene)	-0,34	0,5892
TcCLB.511255.280	mucin-associated surface protein (MASP), putative	-0,3402	0,3338
TcCLB.510573.19	hypothetical protein, conserved	-0,3403	0,05522
TcCLB.508445.50	hypothetical protein, conserved	-0,3403	0,1029
TcCLB.511737.3	superoxide dismutase, putative	-0,3405	0,156
TcCLB.509017.50	hypothetical protein, conserved	-0,3407	0,0001488
TcCLB.508919.100	hypothetical protein, conserved	-0,3408	0,005951
TcCLB.507129.40	hypothetical protein, conserved	-0,3408	0,1074
TcCLB.507053.209	Cytoplasmic dynein 2 heavy chain (DYNC2H1), putative	-0,3409	0,00007252
TcCLB.506181.40	hypothetical protein, conserved	-0,3409	0,005281
TcCLB.506865.79	hypothetical protein, conserved (fragment)	-0,3411	0,4609
TcCLB.504105.120	hypothetical protein, conserved	-0,3414	0,00001069
TcCLB.509937.10	poly(A) polymerase, putative	-0,3414	0,01635
TcCLB.404845.10	trans-sialidase (pseudogene), putative	-0,3415	0,02904
TcCLB.506583.10	U2 small nuclear ribonucleoprotein 16.5K, putative	-0,3415	0,02999
TcCLB.509735.100	trans-sialidase (pseudogene), putative	-0,3415	0,0749
TcCLB.506177.120	hypothetical protein	-0,3416	0,03014
TcCLB.511543.40	hypothetical protein, conserved	-0,3418	0,002558
TcCLB.508851.79	hypothetical protein, conserved	-0,3418	0,03014
TcCLB.509485.20	retrotransposon hot spot protein (RHS, pseudogene), putat	-0,3419	0,124
TcCLB.507611.340	hypothetical protein, conserved	-0,342	0,003567

TcCLB.510535.40	hypothetical protein, conserved	-0,342	0,03149
TcCLB.510187.430	DNA mismatch repair protein MSH6, putative (MSH6)	-0,3422	0,00002253
TcCLB.504103.100	ABC1 protein, putative	-0,3423	0,006032
TcCLB.510289.70	hypothetical protein, conserved	-0,3424	0,03956
TcCLB.511047.50	proteasome regulatory ATPase subunit 2, putative	-0,3425	0,0006646
TcCLB.511421.224	hypothetical protein, conserved (pseudogene)	-0,3425	0,001929
TcCLB.504215.10	hypothetical protein, conserved	-0,3425	0,006017
TcCLB.506941.60	phospholipid-translocating P-type ATPase (flippase), putative	-0,3425	0,007053
TcCLB.508409.90	hypothetical protein, conserved	-0,3428	0,00001361
TcCLB.507031.20	hypothetical protein, conserved	-0,3429	0,002269
TcCLB.509053.40	hypothetical protein, conserved	-0,3429	0,005228
TcCLB.503903.30	hypothetical protein	-0,343	0,0103
TcCLB.507883.100	malate dehydrogenase, putative	-0,3432	0,01032
TcCLB.508445.60	hypothetical protein, conserved	-0,3433	0,01437
TcCLB.410049.10	hypothetical protein, conserved	-0,3434	0,5558
TcCLB.508989.80	hypothetical protein	-0,3435	0,0005113
TcCLB.511365.10	hypothetical protein, conserved	-0,3436	0,0109
TcCLB.508295.70	hypothetical protein	-0,3436	0,5028
TcCLB.504153.190	mitochondrial edited mRNA stability factor 1 subunit	-0,3438	0,0005067
TcCLB.506743.150	proteasome 26S non-ATPase subunit 9, putative	-0,3438	0,04675
TcCLB.506537.260	protein kinase, putative	-0,3438	0,3648
TcCLB.506067.80	mucin TcMUCII, putative	-0,3439	0,5567
TcCLB.506137.40	mucin TcMUCII, putative	-0,3439	0,7056
TcCLB.504193.51	ATP-dependent DEAD/H RNA helicase (pseudogene), putative	-0,344	0,0403
TcCLB.503693.20	hypothetical protein, conserved	-0,344	0,04248
TcCLB.507159.37	hypothetical protein, conserved	-0,3441	0,01499
TcCLB.506925.490	hypothetical protein, conserved	-0,3443	0,01164
TcCLB.507993.120	synaptotagmin, putative	-0,3443	0,05884
TcCLB.503541.20	hypothetical protein, conserved	-0,3444	0,03276
TcCLB.503531.49	structural maintenance of chromosome 3, putative	-0,3444	0,1299
TcCLB.511215.30	hypothetical protein	-0,3445	0,003386
TcCLB.506725.50	hypothetical protein, conserved	-0,3445	0,01116
TcCLB.505555.40	hypothetical protein, conserved	-0,3446	0,002033
TcCLB.506629.60	vesicular-fusion ATPase-like protein, putative	-0,3446	0,004291
TcCLB.508141.40	ATP-dependent RNA helicase, putative	-0,3447	3,377E-06
TcCLB.511881.10	GCN5-like protein, putative	-0,3448	0,1854
TcCLB.509065.20	mitogen-activated protein kinase 5, putative	-0,3449	0,04711
TcCLB.509395.30	tRNA exportin, putative	-0,345	0,0001716
TcCLB.504089.40	long-chain-fatty-acid-CoA ligase, putative	-0,345	0,0008972
TcCLB.511479.30	hypothetical protein, conserved	-0,345	0,02138
TcCLB.509099.40	hypothetical protein, conserved	-0,345	0,05322
TcCLB.508613.100	surface protease GP63 (pseudogene), putative	-0,345	0,2407
TcCLB.508153.994	cytochrome c oxidase copper chaperone, putative	-0,3452	0,1118
TcCLB.509767.20	hypothetical protein, conserved	-0,3452	0,1238
TcCLB.511537.40	protein phosphatase 2A catalytic subunit, putative	-0,3453	0,00442

TcCLB.510533.90	hypothetical protein, conserved	-0,3454	0,01374
TcCLB.511423.149	conserved protein, unknown function	-0,3454	0,04064
TcCLB.509617.40	hypothetical protein, conserved	-0,3455	0,001438
TcCLB.511303.100	hypothetical protein	-0,3455	0,02235
TcCLB.511165.10	ATP-dependent DEAD/H RNA helicase, putative	-0,3455	0,02741
TcCLB.505025.80	hypothetical protein, conserved	-0,3455	0,04103
TcCLB.508637.130	hypothetical protein, conserved	-0,3456	0,2908
TcCLB.510013.120	surface protease GP63, putative	-0,3458	0,6779
TcCLB.511275.10	hypothetical protein, conserved (pseudogene)	-0,3459	0,00002546
TcCLB.508965.100	hypothetical protein, conserved	-0,3459	0,0002848
TcCLB.461165.10	hypothetical protein, conserved	-0,3461	0,03907
TcCLB.507739.120	amastin, putative	-0,3461	0,3572
TcCLB.509297.20	hypothetical protein, conserved	-0,3463	0,004466
TcCLB.426799.19	serine/threonine protein kinase, putative	-0,3463	0,09488
TcCLB.506627.110	hypothetical protein, conserved	-0,3465	0,0005777
TcCLB.506247.450	hypothetical protein, conserved	-0,3465	0,002802
TcCLB.503959.50	hypothetical protein, conserved	-0,3465	0,01757
TcCLB.508959.20	hypothetical protein, conserved	-0,3465	0,01821
TcCLB.506613.20	mucin-associated surface protein (MASP, pseudogene), pu	-0,3465	0,3431
TcCLB.506431.5	trans-sialidase, putative (pseudogene)	-0,3466	0,5276
TcCLB.508435.60	mucin TcMUCII, putative	-0,3466	0,5661
TcCLB.508989.30	RNA-binding protein, putative	-0,3467	0,002827
TcCLB.508269.30	translation initiation factor 2 subunit, putative	-0,3467	0,01849
TcCLB.506227.80	mitochondrial DNA polymerase I protein B, putative (POLIE	-0,3468	0,0002409
TcCLB.504741.10	hypothetical protein, conserved	-0,3469	0,04424
TcCLB.505073.14	hypothetical protein, conserved	-0,3471	0,06833
TcCLB.504173.50	dihydrouridine synthase (Dus), putative	-0,3473	0,04122
TcCLB.505009.49	hypothetical protein, conserved	-0,3474	0,01283
TcCLB.504073.30	ribonucleoside-diphosphate reductase large chain, putative	-0,3475	0,1056
TcCLB.511283.120	hypothetical protein, conserved	-0,3475	0,5623
TcCLB.508879.170	mitochondrial RNA binding complex 1 subunit, putative	-0,3476	0,001306
TcCLB.503651.4	hypothetical protein, conserved (fragment)	-0,3476	0,008101
TcCLB.507993.210	hypothetical protein, conserved	-0,3477	0,002827
TcCLB.511431.50	hypothetical protein, conserved	-0,3477	0,005528
TcCLB.510725.80	hypothetical protein	-0,3477	0,02209
TcCLB.508309.10	mucin-associated surface protein (MASP), putative	-0,3477	0,483
TcCLB.504081.80	trans-sialidase, Group V, putative	-0,3478	0,3992
TcCLB.508465.70	hypothetical protein, conserved	-0,3479	0,009058
TcCLB.506501.380	mucin-associated surface protein (MASP), putative	-0,3479	0,3847
TcCLB.508951.80	hypothetical protein, conserved	-0,348	0,003087
TcCLB.510603.100	hypothetical protein, conserved	-0,348	0,07468
TcCLB.503657.9	hypothetical protein, conserved	-0,3481	0,006261
TcCLB.508153.1030	hypothetical protein, conserved	-0,3482	0,00013
TcCLB.508911.30	hypothetical protein, conserved (pseudogene)	-0,3482	0,007638
TcCLB.506753.110	cytochrome b5-like protein, putative	-0,3482	0,01414

TcCLB.509671.180	hypothetical protein, conserved	-0,3482	0,02475
TcCLB.509563.50	hypothetical protein, conserved	-0,3483	0,006026
TcCLB.511003.10	phospholipid-translocating ATPase, putative	-0,3484	0,002992
TcCLB.511621.70	ribosomal protein L11, putative	-0,3484	0,01342
TcCLB.507641.80	5'-3' exoribonuclease D, putative (XRND)	-0,3485	0,00005633
TcCLB.510089.64	hypothetical protein, conserved	-0,3485	0,02281
TcCLB.510175.140	hypothetical protein, conserved (pseudogene)	-0,3485	0,05578
TcCLB.510359.550	mucin-associated surface protein (MASP), putative	-0,3485	0,4916
TcCLB.506977.90	proteasome regulatory non-ATP-ase subunit 5, putative (R)	-0,3487	7,631E-07
TcCLB.511211.150	spindle pole body component alp6, putative	-0,3487	0,003172
TcCLB.508741.310	hypothetical protein	-0,3487	0,005754
TcCLB.509033.50	hypothetical protein, conserved	-0,3489	0,0004743
TcCLB.507485.70	hypothetical protein, conserved	-0,3489	0,03988
TcCLB.507031.80	hypothetical protein, conserved	-0,349	0,00004186
TcCLB.511417.50	hypothetical protein	-0,349	0,07338
TcCLB.506871.110	hypothetical protein, conserved	-0,3491	0,003785
TcCLB.511307.6	hypothetical protein, conserved	-0,3491	0,0407
TcCLB.507963.90	hypothetical protein, conserved	-0,3491	0,04824
TcCLB.507485.90	Wee1-like protein kinase, putative	-0,3492	0,001315
TcCLB.503893.60	hypothetical protein, conserved	-0,3492	0,008362
TcCLB.507709.100	protein phosphatase 2A regulatory subunit, putative	-0,3494	0,01258
TcCLB.509877.30	guanine nucleotide-binding beta subunit-like protein	-0,3495	0,0006969
TcCLB.510953.49	lipase-like protein, putative	-0,3495	0,06209
TcCLB.508461.500	60S ribosomal protein L27A/L29, putative	-0,3496	0,03801
TcCLB.506589.89	mucin-associated surface protein (MASP, pseudogene), pu	-0,3496	0,3421
TcCLB.510901.120	protein kinase, putative	-0,35	0,0002162
TcCLB.506941.70	hypothetical protein, conserved	-0,35	0,0005296
TcCLB.503925.30	protein kinase, putative	-0,35	0,01589
TcCLB.503599.40	hypothetical protein, conserved	-0,3501	0,003929
TcCLB.505939.89	5'-3' exoribonuclease A, putative (fragment) (XRNA)	-0,3501	0,006875
TcCLB.510175.160	protein kinase, putative	-0,3501	0,1164
TcCLB.511249.60	protein kinase, putative	-0,3506	0,000435
TcCLB.509641.40	hypothetical protein, conserved	-0,3507	0,00006512
TcCLB.510575.200	chaperone DNAJ protein, putative	-0,3507	0,0001788
TcCLB.511127.380	hypothetical protein, conserved	-0,3508	0,00001371
TcCLB.506635.20	ATP-dependent RNA helicase, putative	-0,3508	0,0005301
TcCLB.510457.10	mucin-associated surface protein (MASP), putative	-0,351	0,5996
TcCLB.510647.69	hypothetical protein, conserved	-0,3511	0,2731
TcCLB.509647.140	hypothetical protein, conserved	-0,3512	0,002036
TcCLB.506587.20	hypothetical protein	-0,3513	0,006345
TcCLB.506513.40	hypothetical protein, conserved	-0,3513	0,0312
TcCLB.509959.60	trans-sialidase (pseudogene), putative	-0,3513	0,534
TcCLB.506519.120	hypothetical protein, conserved	-0,3514	0,008754
TcCLB.511301.130	protein kinase, putative	-0,3514	0,03119
TcCLB.504117.50	hypothetical protein, conserved (pseudogene)	-0,3514	0,3522

TcCLB.506505.40	protein kinase, putative	-0,3515	0,0002277
TcCLB.509455.70	DNA polymerase delta subunit 2, putative	-0,3515	0,001655
TcCLB.508723.40	hypothetical protein, conserved	-0,3516	0,0005385
TcCLB.508479.174	hypothetical protein, conserved	-0,3517	0,009129
TcCLB.506315.70	hypothetical protein, conserved	-0,3518	0,02417
TcCLB.511371.5	trans-sialidase (pseudogene), putative	-0,3518	0,1497
TcCLB.471901.5	GDP-mannose 4,6 dehydratase, putative (fragment)	-0,3518	0,5278
TcCLB.507483.30	calmodulin, putative	-0,3519	0,003513
TcCLB.509267.80	hypothetical protein	-0,352	0,03875
TcCLB.506755.140	ATP-dependent helicase, putative	-0,3521	0,0007434
TcCLB.510535.70	hypothetical protein, conserved	-0,3521	0,007863
TcCLB.509821.20	trans-sialidase (pseudogene), putative	-0,3522	0,03608
TcCLB.511925.10	hypothetical protein, conserved	-0,3523	0,0033
TcCLB.509647.160	SKP1-like protein	-0,3525	0,01528
TcCLB.507471.41	trans-sialidase (pseudogene), putative	-0,3525	0,09898
TcCLB.511245.79	hypothetical protein, conserved	-0,3526	0,01738
TcCLB.510203.49	hypothetical protein, conserved (pseudogene)	-0,3527	0,06814
TcCLB.508891.120	periodic tryptophan protein 2 (pseudogene), putative	-0,3528	0,001001
TcCLB.509595.40	hypothetical protein, conserved	-0,3528	0,002791
TcCLB.510237.129	dispersed gene family protein 1 (DGF-1), putative (fragme	-0,3528	0,1567
TcCLB.511233.100	NUDIX hydrolase 3, putative (Nudix3)	-0,3529	0,0404
TcCLB.506475.80	WD40 repeat-containing protein	-0,353	0,0001595
TcCLB.503845.60	trans-sialidase (pseudogene), putative	-0,353	0,01013
TcCLB.508987.9	hypothetical protein, conserved	-0,3532	0,0001534
TcCLB.510759.180	hypothetical protein, conserved	-0,3532	0,000952
TcCLB.511277.10	DNA-directed RNA polymerase I subunit RPB5z, putative (F	-0,3533	0,02336
TcCLB.507715.30	transcription elongation factor-like protein, putative	-0,3534	0,002333
TcCLB.506681.50	hypothetical protein, conserved	-0,3536	0,0009524
TcCLB.510303.40	hypothetical protein	-0,3536	0,007444
TcCLB.506989.60	phosphate transporter, putative	-0,3536	0,01192
TcCLB.508509.70	mucin TcMUCII, putative	-0,3536	0,6008
TcCLB.507031.130	hypothetical protein, conserved	-0,3538	0,00168
TcCLB.506425.20	hypothetical protein	-0,3538	0,0284
TcCLB.510661.150	hypothetical protein, conserved	-0,3539	0,02115
TcCLB.503909.110	intraflagellar transport (IFT) protein, putative (IFT20)	-0,3539	0,03639
TcCLB.508703.20	trans-sialidase (pseudogene), putative	-0,354	0,3772
TcCLB.511033.10	hypothetical protein, conserved	-0,3541	0,0102
TcCLB.506735.60	hypothetical protein, conserved	-0,3542	0,09375
TcCLB.506175.70	hypothetical protein, conserved	-0,3543	0,004823
TcCLB.508857.100	hypothetical protein, conserved	-0,3544	0,001834
TcCLB.511751.70	hypothetical protein, conserved	-0,3545	7,114E-06
TcCLB.507089.180	hypothetical protein, conserved	-0,3545	0,001197
TcCLB.506605.100	hypothetical protein	-0,3546	0,006286
TcCLB.506855.370	hypothetical protein, conserved	-0,3546	0,007546
TcCLB.511419.70	hypothetical protein	-0,3546	0,03832

TcCLB.508427.20	mucin-associated surface protein (MASP), putative	-0,3546	0,2934
TcCLB.504081.390	trans-sialidase (pseudogene), putative	-0,3547	0,2183
TcCLB.511211.20	Coatomer subunit gamma (COPG)	-0,3552	0,00006661
TcCLB.507809.70	small ubiquitin protein, putative	-0,3554	0,0442
TcCLB.507077.30	hypothetical protein, conserved	-0,3555	0,1116
TcCLB.444777.29	intraflagellar transport protein 88, putative (fragment) (IF <sup>1</sup> )	-0,3556	0,01086
TcCLB.503513.20	hypothetical protein	-0,3556	0,01158
TcCLB.509785.90	trans-sialidase (pseudogene), putative	-0,3557	0,2252
TcCLB.509011.50	hypothetical protein, conserved	-0,3558	0,00005118
TcCLB.510073.90	hypothetical protein, conserved	-0,3558	0,008705
TcCLB.506405.40	hypothetical protein, conserved	-0,3558	0,01965
TcCLB.509395.90	hypothetical protein, conserved	-0,3558	0,04802
TcCLB.510429.10	hypothetical protein, conserved	-0,3558	0,07777
TcCLB.508707.180	ubiquitin hydrolase, putative	-0,3562	0,0001463
TcCLB.511285.120	ATP-dependent RNA helicase, putative	-0,3563	0,009261
TcCLB.506265.40	hypothetical protein, conserved	-0,3563	0,1326
TcCLB.507389.10	hypothetical protein, conserved	-0,3564	0,02472
TcCLB.509019.30	dispersed gene family protein 1 (DGF-1), putative	-0,3564	0,2397
TcCLB.509733.10	hypothetical protein, conserved	-0,3567	0,0095
TcCLB.507603.230	hydroxyacylglutathione hydrolase, putative	-0,3568	0,0503
TcCLB.511237.90	hypothetical protein, conserved	-0,3568	0,2043
TcCLB.511277.330	uracil-DNA glycosylase	-0,3569	0,00137
TcCLB.506435.130	hypothetical protein, conserved	-0,3569	0,00825
TcCLB.506947.100	hypothetical protein, conserved	-0,3569	0,0116
TcCLB.508533.20	hypothetical protein, conserved	-0,3569	0,0129
TcCLB.508175.180	hypothetical protein, conserved	-0,3571	0,0009164
TcCLB.509007.60	rac serine-threonine kinase, putative	-0,3571	0,003612
TcCLB.509157.270	hypothetical protein, conserved	-0,3572	0,0201
TcCLB.503841.50	hypothetical protein, conserved	-0,3574	0,035
TcCLB.506947.60	hypothetical protein, conserved	-0,3575	0,02372
TcCLB.507507.49	hypothetical protein, conserved	-0,3575	0,27
TcCLB.504045.120	hypothetical protein, conserved	-0,3576	0,0044
TcCLB.510001.31	hypothetical protein, conserved	-0,3576	0,03853
TcCLB.510879.150	hypothetical protein, conserved	-0,3577	0,004268
TcCLB.506289.9	DNA ligase, putative (fragment)	-0,3577	0,01676
TcCLB.506853.30	arginine N-methyltransferase, type II, putative (PRMT5)	-0,3578	0,003134
TcCLB.508153.590	hypothetical protein, conserved	-0,3579	0,01456
TcCLB.511189.70	hypothetical protein, conserved	-0,3579	0,4034
TcCLB.503697.120	hypothetical protein, conserved	-0,358	0,0009932
TcCLB.509649.30	19S proteasome non-atpase subunit 8 (Rpn8)	-0,358	0,001178
TcCLB.506177.40	palmitoyl acyltransferase 6, putative	-0,358	0,08318
TcCLB.506247.440	hypothetical protein, conserved	-0,358	0,1143
TcCLB.506699.9	hypothetical protein, conserved	-0,3582	0,05751
TcCLB.506241.19	dispersed gene family protein 1 (DGF-1), putative	-0,3582	0,06738
TcCLB.448387.9	hypothetical protein, conserved	-0,3583	0,01919



TcCLB.507395.20	hypothetical protein, conserved	-0,3583	0,04125
TcCLB.506355.35	trans-sialidase (pseudogene), putative	-0,3584	0,03871
TcCLB.504059.24	hypothetical protein, conserved	-0,3585	0,07171
TcCLB.511725.150	exportin 1, putative (CRM1)	-0,3586	0,00003794
TcCLB.511507.110	hypothetical protein, conserved (YCF45)	-0,3586	0,006021
TcCLB.510387.70	hypothetical protein, conserved (pseudogene)	-0,3586	0,1555
TcCLB.510747.130	hypothetical protein, conserved	-0,3588	0,0006133
TcCLB.506513.20	hypothetical protein, conserved	-0,3588	0,04737
TcCLB.506751.20	mucin-associated surface protein (MASP, pseudogene), pu	-0,3589	0,4373
TcCLB.506211.60	RNA-binding protein, putative	-0,359	0,001544
TcCLB.511173.80	trans-sialidase, Group V, putative	-0,3591	0,3083
TcCLB.504575.60	surface protease GP63, putative (fragment)	-0,3591	0,6818
TcCLB.511903.160	phosphatidylinositol 3-kinase vps34-like	-0,3592	0,0001011
TcCLB.509455.140	cyclin, putative	-0,3592	0,01541
TcCLB.508271.4	hypothetical protein, conserved	-0,3592	0,07196
TcCLB.510953.40	hypothetical protein, conserved	-0,3593	0,01224
TcCLB.507969.60	C-14 sterol reductase, putative	-0,3594	0,004296
TcCLB.508593.44	serine peptidase, Clan SC, Family S9D	-0,3594	0,004563
TcCLB.506583.40	cdc2-related kinase 3, putative (CRK3)	-0,3594	0,02644
TcCLB.511529.230	hypothetical protein, conserved	-0,3595	0,0316
TcCLB.507011.170	hypothetical protein, conserved	-0,3596	0,003306
TcCLB.507049.150	hypothetical protein, conserved	-0,3596	0,01667
TcCLB.507773.40	hypothetical protein, conserved	-0,3597	0,004275
TcCLB.503513.10	casein kinase II, alpha chain, putative	-0,3597	0,007524
TcCLB.510105.30	clathrin coat assembly protein, putative	-0,3597	0,01465
TcCLB.506959.80	hypothetical protein, conserved	-0,3597	0,01996
TcCLB.507547.30	Mitochondrial-processing peptidase subunit alpha (MPPA)	-0,3598	0,000171
TcCLB.506855.90	structural maintenance of chromosome protein 4, putative	-0,36	0,00001433
TcCLB.510769.120	calcium motive p-type ATPase, putative	-0,36	0,00007686
TcCLB.505057.10	hypothetical protein, conserved	-0,36	0,004441
TcCLB.509215.20	hypothetical protein, conserved	-0,36	0,07147
TcCLB.511063.80	dispersed gene family protein 1 (DGF-1, pseudogene), puta	-0,3601	0,277
TcCLB.503893.160	hypothetical protein, conserved	-0,3602	0,004924
TcCLB.510445.61	hypothetical protein, conserved (fragment)	-0,3603	0,07413
TcCLB.509069.40	hypothetical protein	-0,3604	0,002459
TcCLB.507763.10	hypothetical protein, conserved	-0,3604	0,01492
TcCLB.511733.60	hypothetical protein, conserved	-0,3605	0,01997
TcCLB.510265.30	hypothetical protein, conserved	-0,3606	0,00000134
TcCLB.508461.230	kinetoplastid kinetochore protein 3, putative (kkt3)	-0,3606	0,002235
TcCLB.511003.120	hypothetical protein, conserved	-0,3606	0,04124
TcCLB.509591.30	ras-family member, GTP-binding protein, putative	-0,3607	0,001436
TcCLB.506389.10	trans-sialidase, putative	-0,3607	0,05998
TcCLB.508883.20	hypothetical protein	-0,3607	0,5256
TcCLB.508231.150	hypothetical protein	-0,3608	0,0007352
TcCLB.508153.550	hypothetical protein, conserved	-0,3609	0,000878

TcCLB.511653.50	hypothetical protein, conserved	-0,3609	0,009689
TcCLB.508605.31	trans-sialidase (pseudogene), putative	-0,3609	0,02097
TcCLB.511771.70	dispersed gene family protein 1 (DGF-1), putative	-0,3609	0,03815
TcCLB.510749.90	hypothetical protein, conserved	-0,3609	0,07461
TcCLB.506797.100	beta-ketoacyl-ACP reductase 2, putative	-0,361	0,004704
TcCLB.506181.90	F-actin capping protein, putative	-0,361	0,006765
TcCLB.511867.120	hypothetical protein, conserved	-0,3611	0,0105
TcCLB.506639.50	dispersed gene family protein 1 (DGF-1, pseudogene), putative	-0,3611	0,09791
TcCLB.506605.214	hypothetical protein, conserved	-0,3612	0,09336
TcCLB.508277.20	protein kinase, putative	-0,3613	0,001081
TcCLB.509965.150	hypothetical protein, conserved	-0,3614	0,0159
TcCLB.507031.64	hypothetical protein, conserved	-0,3615	0,02697
TcCLB.511801.40	hypothetical protein, conserved	-0,3615	0,02847
TcCLB.418221.4	hypothetical protein, conserved (fragment)	-0,3616	0,02128
TcCLB.508207.31	hypothetical protein	-0,3617	0,04692
TcCLB.510307.94	ATP-dependent DEAD/H RNA helicase (pseudogene), putative	-0,3617	0,139
TcCLB.507883.70	PrimPol-like protein 2, putative (ppl2)	-0,3619	0,001008
TcCLB.508461.300	hypothetical protein, conserved	-0,3619	0,001446
TcCLB.509805.180	ttaggg binding factor, putative	-0,3619	0,004668
TcCLB.508641.320	formin-like protein	-0,362	0,0005911
TcCLB.511603.369	surface protease GP63 (pseudogene), putative	-0,362	0,5412
TcCLB.508803.5	retrotransposon hot spot protein (RHS, pseudogene), putative	-0,362	0,558
TcCLB.510741.40	hypothetical protein, conserved	-0,3621	0,0001342
TcCLB.508859.100	hypothetical protein, conserved	-0,3622	0,03974
TcCLB.506131.120	trans-sialidase (pseudogene), putative	-0,3622	0,2614
TcCLB.508221.990	surface protease GP63 (pseudogene), putative	-0,3622	0,3883
TcCLB.507053.10	50S ribosomal protein L7Ae, putative	-0,3623	0,0004174
TcCLB.511367.310	hypothetical protein, conserved	-0,3623	0,01284
TcCLB.509985.78	hypothetical protein, conserved	-0,3623	0,04424
TcCLB.506953.20	hypothetical protein, conserved	-0,3623	0,1334
TcCLB.506297.50	kinesin, putative	-0,3624	4,931E-06
TcCLB.503577.20	U2 splicing auxiliary factor, putative (u2af26)	-0,3624	0,00002577
TcCLB.506559.530	protein phosphatase 2C, putative	-0,3626	0,00724
TcCLB.506579.110	hypothetical protein, conserved	-0,3627	0,00000128
TcCLB.511183.330	dispersed gene family protein 1 (DGF-1), putative	-0,3628	0,2481
TcCLB.503809.140	cation transporter, putative	-0,3629	0,002077
TcCLB.507243.9	dispersed gene family protein 1 (DGF-1), putative	-0,363	0,08823
TcCLB.510933.110	mucin-associated surface protein (MASP, pseudogene), putative	-0,363	0,4048
TcCLB.507941.20	hypothetical protein, conserved	-0,3631	0,00004742
TcCLB.503627.9	hypothetical protein, conserved (fragment)	-0,3631	0,00386
TcCLB.504103.70	hypothetical protein, conserved	-0,3631	0,02214
TcCLB.506701.10	dihydrolipoamide dehydrogenase, putative (GCVL-1)	-0,3631	0,05997
TcCLB.506529.40	hypothetical protein, conserved	-0,3632	0,04909
TcCLB.506335.100	mucin-associated surface protein (MASP), putative	-0,3633	0,1034
TcCLB.505939.65	hypothetical protein, conserved	-0,3633	0,1995

TcCLB.511545.70	kinteoplast poly(A) polymerase complex 1 subunit, putative	-0,3634	0,00006927
TcCLB.511847.10	calpain-like cysteine peptidase, putative	-0,3634	0,002328
TcCLB.510879.90	hypothetical protein, conserved	-0,3634	0,04147
TcCLB.508999.20	Protein transport protein yif1, putative	-0,3636	0,03066
TcCLB.511523.50	hypothetical protein, conserved	-0,3637	0,01462
TcCLB.469785.30	hypothetical protein	-0,3637	0,01729
TcCLB.508323.120	hypothetical protein, conserved	-0,3638	0,03536
TcCLB.511727.60	hypothetical protein, conserved	-0,3639	0,00005239
TcCLB.503841.30	rRNA dimethyltransferase, putative	-0,3639	0,04943
TcCLB.508413.60	hypothetical protein, conserved	-0,364	0,01561
TcCLB.508739.30	hypothetical protein	-0,364	0,03416
TcCLB.503887.10	hypothetical protein, conserved	-0,364	0,04474
TcCLB.511131.50	U4/U6 small nuclear ribonuclear protein, putative	-0,3641	0,002613
TcCLB.508641.310	hypothetical protein, conserved	-0,3642	0,0006594
TcCLB.506367.50	hypothetical protein, conserved	-0,3642	0,05456
TcCLB.506925.510	ribosome production factor 1, putative	-0,3643	0,0004059
TcCLB.508325.30	dispersed gene family protein 1 (DGF-1), putative	-0,3643	0,01567
TcCLB.510659.250	phospholipase A1, putative	-0,3644	0,002244
TcCLB.510297.40	hypothetical protein	-0,3644	0,07548
TcCLB.511509.5	hypothetical protein, conserved	-0,3645	0,004185
TcCLB.503851.24	protein tyrosine phosphatase PRL	-0,3646	0,1039
TcCLB.506569.45	protein kinase (pseudogene), putative	-0,3646	0,1727
TcCLB.507093.200	hypothetical protein, conserved	-0,3647	0,0001092
TcCLB.509261.20	aminopeptidase, putative	-0,3647	0,0003303
TcCLB.509287.60	hypothetical protein, conserved	-0,3647	0,0004114
TcCLB.511287.170	hypothetical protein, conserved	-0,3647	0,004182
TcCLB.509991.70	hypothetical protein, conserved (pseudogene)	-0,3647	0,007701
TcCLB.511295.50	hypothetical protein, conserved	-0,3648	1,783E-06
TcCLB.510167.4	hypothetical protein, conserved	-0,3649	0,1172
TcCLB.508817.90	hypothetical protein, conserved (pseudogene)	-0,3651	0,008943
TcCLB.508891.80	hypothetical protein, conserved (pseudogene)	-0,3651	0,01163
TcCLB.511527.82	hypothetical protein, conserved	-0,3651	0,1324
TcCLB.510607.80	dispersed gene family protein 1 (DGF-1), putative	-0,3652	0,1392
TcCLB.506885.4	hypothetical protein, conserved (fragment)	-0,3654	0,006611
TcCLB.508799.50	hypothetical protein	-0,3655	0,01341
TcCLB.504105.240	hypothetical protein, conserved	-0,3656	0,0001577
TcCLB.507081.30	translation elongation factor EF-2, putative	-0,3656	0,0007304
TcCLB.507795.100	mitochondrial ribosomal protein L3, putative	-0,3657	0,0003849
TcCLB.506195.309	hypothetical protein, conserved	-0,3659	0,006545
TcCLB.506945.105	zinc-binding protein (Yippee), putative	-0,3659	0,04259
TcCLB.506621.60	acyl-CoA binding protein, putative	-0,366	0,00004772
TcCLB.503801.9	RAD50 DNA repair protein, putative (fragment)	-0,366	0,0003155
TcCLB.511163.50	hypothetical protein, conserved	-0,366	0,01188
TcCLB.506885.250	hypothetical protein	-0,3662	0,001919
TcCLB.509073.100	hypothetical protein, conserved	-0,3662	0,08209

TcCLB.506517.110	hypothetical protein, conserved	-0,3662	0,1163
TcCLB.504181.50	T-complex protein 1, delta subunit, putative	-0,3664	0,003201
TcCLB.507039.30	retrotransposon hot spot protein (RHS, pseudogene), putat	-0,3664	0,003653
TcCLB.506733.110	hypothetical protein, conserved	-0,3665	0,03025
TcCLB.510889.210	hypothetical protein, conserved	-0,3666	0,02533
TcCLB.511125.9	dispersed gene family protein 1 (DGF-1), putative	-0,3666	0,1729
TcCLB.507883.90	adenylate kinase, putative	-0,3667	0,04097
TcCLB.511501.40	hypothetical protein, conserved	-0,3667	0,05114
TcCLB.506677.39	Elongation factor G1, mitochondrial, putative (EF-G1)	-0,3669	0,00001828
TcCLB.508977.65	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	-0,367	0,2915
TcCLB.511837.70	mitogen activated protein kinase, putative	-0,3671	0,0001242
TcCLB.506195.140	hypothetical protein, conserved	-0,3671	0,0009749
TcCLB.511907.280	hypothetical protein, conserved	-0,3671	0,002395
TcCLB.506131.110	mucin-associated surface protein (MASP), putative	-0,3671	0,448
TcCLB.510659.50	RNA polymerase-associated protein LEO1, putative	-0,3672	0,00002046
TcCLB.511583.30	hypothetical protein, conserved	-0,3672	0,01681
TcCLB.506511.30	hypothetical protein, conserved	-0,3673	0,000341
TcCLB.510325.60	hypothetical protein, conserved	-0,3673	0,003911
TcCLB.504741.120	hypothetical protein, conserved	-0,3673	0,01063
TcCLB.511149.60	mucin-associated surface protein (MASP), putative	-0,3674	0,5558
TcCLB.511261.60	hypothetical protein, conserved	-0,3675	0,000192
TcCLB.495369.10	hypothetical protein, conserved (fragment)	-0,3675	0,03868
TcCLB.510741.210	glycerol kinase, glycosomal (pseudogene), putative	-0,3676	0,002855
TcCLB.510105.190	hypothetical protein, conserved	-0,3676	0,01516
TcCLB.503601.10	trans-sialidase, Group V, putative	-0,3676	0,2405
TcCLB.509805.110	hypothetical protein, conserved	-0,3677	0,0004455
TcCLB.511625.10	transcription initiation protein, putative	-0,3677	0,0007296
TcCLB.507711.160	hypothetical protein, conserved	-0,3678	6,926E-06
TcCLB.506739.180	hypothetical protein, conserved	-0,3678	0,00007556
TcCLB.504033.100	hypothetical protein, conserved	-0,3679	0,001023
TcCLB.506139.70	mucin-associated surface protein (MASP), putative	-0,3679	0,3762
TcCLB.427303.10	5'-3' exoribonuclease A, putative (fragment) (XRNA)	-0,368	0,000107
TcCLB.508717.56	hypothetical protein, conserved	-0,368	0,01002
TcCLB.506459.140	hypothetical protein	-0,368	0,4292
TcCLB.508183.29	hypothetical protein, conserved (fragment)	-0,3682	0,03302
TcCLB.508995.20	Tubulin/FtsZ family, putative	-0,3683	0,0006845
TcCLB.510911.10	profilin, putative	-0,3683	0,005051
TcCLB.508851.210	replication factor C, subunit 4, putative	-0,3683	0,04603
TcCLB.511493.5	hypothetical protein, conserved	-0,3683	0,2344
TcCLB.507011.210	hypothetical protein, conserved	-0,3684	0,00293
TcCLB.511153.150	hypothetical protein	-0,3684	0,03711
TcCLB.506629.190	hypothetical protein, conserved	-0,3687	0,001702
TcCLB.509065.130	hypothetical protein, conserved	-0,3687	0,009171
TcCLB.508961.30	trafficking protein particle complex subunit 3, putative	-0,3687	0,1143
TcCLB.511019.120	hypothetical protein, conserved	-0,3688	0,0003967

TcCLB.509059.70	hypothetical protein, conserved	-0,3689	0,000618
TcCLB.508153.454	hypothetical protein, conserved	-0,369	0,004769
TcCLB.507925.20	hypothetical protein, conserved	-0,3693	0,0006174
TcCLB.503811.50	hypothetical protein, conserved	-0,3693	0,003227
TcCLB.507839.9	Myotubularin-related protein, putative (fragment)	-0,3694	0,06713
TcCLB.510835.20	hypothetical protein, conserved	-0,3695	0,005634
TcCLB.508131.10	hypothetical protein, conserved (pseudogene)	-0,3696	0,00006279
TcCLB.508465.50	hypothetical protein, conserved	-0,3696	0,006739
TcCLB.505183.20	malic enzyme	-0,3697	0,00004812
TcCLB.507993.160	UDP-galactopyranose mutase (GLF)	-0,3698	0,002053
TcCLB.506181.70	hypothetical protein, conserved	-0,3698	0,002061
TcCLB.508803.19	dispersed gene family protein 1 (DGF-1), putative	-0,3698	0,1507
TcCLB.504081.344	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	-0,3698	0,5139
TcCLB.506477.20	vesicular-fusion protein nsf, putative	-0,37	0,001619
TcCLB.504039.25	syntaxin binding protein (pseudogene), putative	-0,37	0,4722
TcCLB.506587.40	ATP-dependent RNA helicase FAL1, putative	-0,3701	0,0008456
TcCLB.510755.19	hypothetical protein, conserved	-0,3703	0,006801
TcCLB.510091.90	hypothetical protein, conserved	-0,3704	0,0001067
TcCLB.508199.20	hypothetical protein, conserved	-0,3704	0,008857
TcCLB.507999.10	dispersed gene family protein 1 (DGF-1), putative	-0,3705	0,002067
TcCLB.508959.10	hypothetical protein, conserved	-0,3705	0,1097
TcCLB.508089.40	hypothetical protein, conserved	-0,3706	0,01938
TcCLB.405453.9	dispersed gene family protein 1 (DGF-1), putative	-0,3706	0,1885
TcCLB.506435.210	hypothetical protein, conserved	-0,3707	0,005961
TcCLB.503767.5	potassium voltage-gated channel, putative	-0,3707	0,2285
TcCLB.511857.10	hypothetical protein, conserved	-0,3708	0,01062
TcCLB.507023.110	small GTP-binding protein Rab28, putative	-0,3708	0,01211
TcCLB.507857.40	ATP-dependent DEAD/H RNA helicase, putative	-0,371	0,0001737
TcCLB.419703.20	ubiquitin carboxyl-terminal hydrolase, putative	-0,371	0,01202
TcCLB.511283.240	hypothetical protein, conserved	-0,3712	5,664E-07
TcCLB.508153.1010	hypothetical protein, conserved	-0,3712	0,001481
TcCLB.507517.20	DNA polymerase sigma-like protein, putative	-0,3712	0,02042
TcCLB.504005.10	endonuclease III, putative	-0,3713	0,02206
TcCLB.511403.30	mucin TcMUCII, putative	-0,3714	0,4935
TcCLB.510729.119	hypothetical protein, conserved	-0,3715	0,03587
TcCLB.508351.20	hypothetical protein, conserved	-0,3715	0,09815
TcCLB.510761.4	hypothetical protein, conserved	-0,3716	0,003015
TcCLB.507531.10	hypothetical protein, conserved (pseudogene)	-0,3718	0,0000124
TcCLB.504109.130	hypothetical protein, conserved	-0,3718	0,00002772
TcCLB.510359.200	hypothetical protein, conserved	-0,3719	0,0003742
TcCLB.503653.70	hypothetical protein, conserved	-0,3719	0,02781
TcCLB.508895.10	C-terminal motor kinesin, putative	-0,3719	0,04679
TcCLB.508799.70	pumilio-repeat, RNA-binding protein, putative	-0,372	0,0003761
TcCLB.503419.40	hypothetical protein, conserved	-0,3722	0,01376
TcCLB.510187.290	ATP-dependent DEAD/H RNA helicase, putative (HEL64)	-0,3723	5,635E-06

TcCLB.506943.20	hypothetical protein, conserved	-0,3723	0,006956
TcCLB.506623.30	hypothetical protein	-0,3723	0,3528
TcCLB.506767.119	surface protease GP63 (pseudogene), putative	-0,3724	0,6296
TcCLB.509319.20	hypothetical protein, conserved	-0,3725	0,09115
TcCLB.506435.140	hypothetical protein, conserved	-0,3726	0,004377
TcCLB.511837.20	hypothetical protein, conserved	-0,373	0,0171
TcCLB.507723.130	eukaryotic translation initiation factor 3 subunit 8, putative	-0,3732	2,465E-07
TcCLB.511211.220	heat shock protein 70, putative	-0,3732	0,0005625
TcCLB.507129.19	hypothetical protein, conserved	-0,3733	0,00468
TcCLB.507049.41	hypothetical protein, conserved	-0,3735	0,1035
TcCLB.510745.20	hypothetical protein, conserved	-0,3737	0,008878
TcCLB.506265.100	ATP-dependent RNA helicase, putative	-0,3738	0,00002542
TcCLB.510175.150	hypothetical protein, conserved	-0,3738	0,1413
TcCLB.509229.90	hypothetical protein, conserved	-0,3739	0,0001929
TcCLB.508461.140	poly(A)-binding protein, putative	-0,374	7,531E-08
TcCLB.508515.120	hypothetical protein, conserved	-0,374	0,002332
TcCLB.506925.410	ATPase, putative	-0,374	0,004355
TcCLB.506267.48	hypothetical protein	-0,374	0,1889
TcCLB.508667.49	small nuclear ribonucleoprotein SmD2, putative	-0,3743	0,008155
TcCLB.503421.14	ATP-dependent DEAD/H RNA helicase (pseudogene), putative	-0,3743	0,2977
TcCLB.510659.104	poly(ADP-ribose) glycohydrolase, putative	-0,3744	0,009764
TcCLB.507053.180	hypothetical protein, conserved	-0,3746	2,091E-08
TcCLB.508613.30	peroxisomal membrane protein 4, putative	-0,3746	0,02623
TcCLB.511735.20	hypothetical protein, conserved	-0,3747	0,01777
TcCLB.505071.60	protein kinase, putative	-0,375	0,0002434
TcCLB.507179.14	hypothetical protein	-0,375	0,2286
TcCLB.511509.21	hypothetical protein, conserved	-0,3751	0,001164
TcCLB.508909.240	hypothetical protein, conserved	-0,3752	0,001714
TcCLB.511091.9	mucin-associated surface protein (MASP), putative	-0,3752	0,5765
TcCLB.506241.70	calcium motive p-type ATPase, putative	-0,3754	0,00002401
TcCLB.508879.30	dynein heavy chain, putative	-0,3755	9,379E-07
TcCLB.511529.80	kinetoplast-associated protein 3 (KAP3)	-0,3756	0,001752
TcCLB.509693.80	hypoxanthine-guanine phosphoribosyltransferase, putative	-0,3756	0,002016
TcCLB.506885.50	hypothetical protein, conserved	-0,3756	0,002069
TcCLB.508711.49	hypothetical protein, conserved	-0,3757	0,0001194
TcCLB.509789.10	hypothetical protein, conserved	-0,3757	0,0007038
TcCLB.506883.80	tRNA (guanine-N(7)-)-methyltransferase, putative	-0,3758	0,01519
TcCLB.510731.104	hypothetical protein, conserved	-0,3758	0,03461
TcCLB.506735.70	hypothetical protein, conserved	-0,3759	0,00005339
TcCLB.506807.10	tubulin delta chain (TUBD1)	-0,376	0,02091
TcCLB.509979.320	trans-sialidase, Group V, putative	-0,376	0,04235
TcCLB.510687.130	hypothetical protein, conserved	-0,3761	0,02641
TcCLB.508409.160	thymine-7-hydroxylase, putative	-0,3762	0,03352
TcCLB.506709.50	hypothetical protein, conserved	-0,3765	0,1234
TcCLB.510311.50	hypothetical protein, conserved	-0,3767	9,029E-06

TcCLB.511491.60	kinesin, putative	-0,3767	0,00004794
TcCLB.508949.30	hypothetical protein, conserved	-0,3767	0,0006877
TcCLB.510719.260	ATP-dependent protease subunit HsIV, putative (HsIV)	-0,3767	0,002193
TcCLB.504045.30	hypothetical protein	-0,3767	0,02364
TcCLB.508873.410	hypothetical protein, conserved	-0,3768	0,09529
TcCLB.509895.20	mitochondrial RNA binding protein, putative	-0,3769	5,584E-06
TcCLB.507765.140	hypothetical protein, conserved	-0,377	0,00002689
TcCLB.509167.130	hypothetical protein, conserved	-0,3771	0,0001572
TcCLB.511855.80	hypothetical protein, conserved	-0,3771	0,001427
TcCLB.511077.110	mucin-associated surface protein (MASP), putative	-0,3773	0,4711
TcCLB.506925.270	hypothetical protein, conserved	-0,3774	0,00005693
TcCLB.509023.170	hypothetical protein, conserved	-0,3774	0,004792
TcCLB.507009.110	hypothetical protein, conserved	-0,3775	0,02224
TcCLB.509697.15	mucin-associated surface protein (MASP, pseudogene), pu	-0,3775	0,5147
TcCLB.510767.60	hypothetical protein, conserved	-0,3776	0,02449
TcCLB.506971.20	surface protease GP63, putative	-0,3776	0,1495
TcCLB.511511.90	ATP-dependent DEAD/H DNA helicase recQ family, putativ	-0,3777	0,001296
TcCLB.507941.80	hypothetical protein, conserved	-0,3779	0,0253
TcCLB.506269.79	mucin-associated surface protein (MASP, pseudogene), pu	-0,3779	0,2405
TcCLB.507107.40	3,2-trans-enoyl-CoA isomerase, mitochondrial precursor, p	-0,378	1,247E-06
TcCLB.504119.20	hypothetical protein, conserved	-0,3783	0,0009904
TcCLB.507583.70	ribonuclease inhibitor, putative	-0,3783	0,00391
TcCLB.506529.524	hypothetical protein, conserved	-0,3783	0,08761
TcCLB.507069.120	trans-sialidase (pseudogene), putative	-0,3784	0,2127
TcCLB.507647.20	hypothetical protein, conserved (pseudogene)	-0,3785	0,00004847
TcCLB.510491.10	hypothetical protein, conserved	-0,3785	0,08948
TcCLB.506139.1	mucin-associated surface protein (MASP), putative (fragm	-0,3785	0,6296
TcCLB.511277.300	hypothetical protein	-0,3786	0,00003848
TcCLB.509045.20	co-chaperone GrpE, putative	-0,3787	0,00009396
TcCLB.506843.120	trans-sialidase (pseudogene), putative	-0,3787	0,2152
TcCLB.508873.130	hypothetical protein	-0,3787	0,5052
TcCLB.511211.60	protein phosphatase 4 catalytic subunit, putative	-0,3788	0,0009988
TcCLB.511249.50	hypothetical protein, conserved	-0,3788	0,001035
TcCLB.508153.410	hypothetical protein, conserved	-0,3789	0,002709
TcCLB.503723.80	hypothetical protein, conserved	-0,3789	0,0072
TcCLB.510181.30	ATP-dependent DEAD/H RNA helicase, putative	-0,379	0,004739
TcCLB.509715.23	RNA-binding protein, putative	-0,379	0,1872
TcCLB.508121.150	trans-sialidase, Group V, putative	-0,379	0,2878
TcCLB.506275.80	hypothetical protein, conserved	-0,3791	0,0208
TcCLB.509795.10	hypothetical protein, conserved	-0,3793	0,002093
TcCLB.506973.5	mucin-associated surface protein (MASP), putative	-0,3794	0,5621
TcCLB.509611.110	RNA-editing complex protein, putative	-0,3796	0,00502
TcCLB.507991.126	hypothetical protein, conserved	-0,3796	0,09964
TcCLB.504159.30	hypothetical protein, conserved	-0,3797	0,006664
TcCLB.507683.30	hypothetical protein, conserved	-0,3798	0,0002388

TcCLB.511229.120	hypothetical protein	-0,3799	0,03249
TcCLB.509581.20	beta galactofuranosyl glycosyltransferase, putative	-0,3802	0,02199
TcCLB.506633.100	hypothetical protein, conserved	-0,3803	0,02437
TcCLB.506411.25	hypothetical protein, conserved (pseudogene)	-0,3803	0,0589
TcCLB.508277.150	proliferative cell nuclear antigen (PCNA), putative	-0,3804	3,443E-06
TcCLB.508413.10	hypothetical protein, conserved	-0,3804	0,001543
TcCLB.504043.10	hypothetical protein, conserved	-0,3805	0,0001712
TcCLB.508699.50	hypothetical protein, conserved	-0,3805	0,003119
TcCLB.511279.50	hypothetical protein, conserved	-0,3807	0,018
TcCLB.510013.170	mucin-associated surface protein (MASP), putative	-0,3807	0,5199
TcCLB.510225.10	histone H1, putative	-0,3808	1,932E-07
TcCLB.508061.130	trans-sialidase (pseudogene), putative	-0,3809	0,0004529
TcCLB.504147.170	gamma-tubulin complex subunit, putative	-0,381	0,00002531
TcCLB.507025.40	hypothetical protein	-0,381	0,01213
TcCLB.508277.170	hypothetical protein, conserved	-0,381	0,07308
TcCLB.511153.144	hypothetical protein, conserved	-0,381	0,2027
TcCLB.507649.100	hypothetical protein, conserved	-0,3811	0,0000893
TcCLB.511215.40	hypothetical protein, conserved	-0,3811	0,0002771
TcCLB.503843.40	chaperone DNAJ protein, putative (fragment)	-0,3811	0,0006568
TcCLB.506817.20	ABC transporter, putative	-0,3811	0,0009245
TcCLB.511599.85	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	-0,3811	0,6202
TcCLB.511603.170	mucin TcMUCII, putative	-0,3812	0,504
TcCLB.509161.110	hypothetical protein, conserved	-0,3813	0,00002983
TcCLB.507969.54	hypothetical protein, conserved	-0,3813	0,006958
TcCLB.508585.20	hypothetical protein, conserved	-0,3814	0,01534
TcCLB.511717.60	hypothetical protein, conserved	-0,3814	0,0182
TcCLB.511173.160	trans-sialidase (pseudogene), putative	-0,3815	0,27
TcCLB.510669.9	hypothetical protein, conserved	-0,3816	0,02069
TcCLB.506155.90	hypothetical protein, conserved (pseudogene)	-0,3817	0,00001735
TcCLB.503697.20	hypothetical protein, conserved	-0,3817	0,00195
TcCLB.511277.92	hypothetical protein, conserved	-0,3817	0,001989
TcCLB.510943.60	U2 splicing auxiliary factor, putative (u2af26)	-0,3818	0,00004365
TcCLB.508823.152	hypothetical protein (fragment)	-0,3818	0,006528
TcCLB.504887.10	dispersed gene family protein 1 (DGF-1), putative	-0,3819	0,01556
TcCLB.457977.10	trans-sialidase, putative (fragment)	-0,3819	0,3569
TcCLB.506637.100	tyrosine phosphatase isoform, putative	-0,382	0,003902
TcCLB.510487.37	trans-sialidase (pseudogene), putative	-0,3821	0,2348
TcCLB.510043.29	hypothetical protein, conserved	-0,3822	0,09918
TcCLB.510879.40	Carboxypeptidase Nna1-like protein, putative	-0,3823	0,0001296
TcCLB.508375.10	mucin-associated surface protein (MASP), putative	-0,3823	0,1968
TcCLB.507711.240	hypothetical protein, conserved	-0,3825	0,001867
TcCLB.510187.460	hypothetical protein	-0,3825	0,003179
TcCLB.508919.80	hypothetical protein, conserved	-0,3825	0,01583
TcCLB.511167.80	PIF1 helicase-like protein, putative	-0,3827	0,0001342
TcCLB.509039.4	aspartyl-tRNA synthetase, putative	-0,3828	0,02741



TcCLB.509069.49	DNA replication licensing factor MCM7, putative (fragment)	-0,3828	0,0533
TcCLB.506983.30	hypothetical protein, conserved	-0,383	0,0005294
TcCLB.457251.10	3-oxo-5-alpha-steroid 4-dehydrogenase, putative (fragment)	-0,383	0,0008904
TcCLB.508461.540	hypothetical protein, conserved	-0,383	0,004667
TcCLB.509179.231	trans-sialidase (pseudogene), putative	-0,383	0,2525
TcCLB.511211.100	hypothetical protein, conserved	-0,3832	0,002834
TcCLB.508839.30	trafficking protein particle complex subunit 3, putative	-0,3833	0,1344
TcCLB.506729.50	hypothetical protein, conserved	-0,3834	0,00005431
TcCLB.506737.70	ubiquitin-like protein, putative	-0,3835	1,168E-06
TcCLB.506743.60	hypothetical protein, conserved	-0,3836	0,0002907
TcCLB.507709.20	hypothetical protein	-0,3837	0,0006621
TcCLB.509055.50	hypothetical protein, conserved	-0,3837	0,006694
TcCLB.510043.40	hypothetical protein, conserved	-0,3838	0,002534
TcCLB.509999.70	hypothetical protein, conserved	-0,3839	0,0007927
TcCLB.508547.70	Present in the outer mitochondrial membrane proteome 3:	-0,3839	0,004971
TcCLB.507993.380	hypothetical protein, conserved	-0,3839	0,008635
TcCLB.509567.4	hypothetical protein, conserved	-0,3839	0,01282
TcCLB.510445.50	S-adenosylmethionine synthetase, putative (METK1)	-0,384	0,00001524
TcCLB.407477.69	hypothetical protein, conserved (fragment)	-0,384	0,01349
TcCLB.508323.110	hypothetical protein, conserved	-0,3841	0,0141
TcCLB.509937.90	hypothetical protein, conserved	-0,3842	0,003582
TcCLB.416883.18	proteasome alpha 2 subunit, putative	-0,3843	0,00432
TcCLB.507771.110	hypothetical protein, conserved	-0,3844	0,003912
TcCLB.503869.20	hypothetical protein, conserved	-0,3844	0,03968
TcCLB.506989.300	receptor-type adenylate cyclase (pseudogene), putative	-0,3845	0,0004681
TcCLB.510055.130	hypothetical protein, conserved (pseudogene)	-0,3847	0,004915
TcCLB.503449.30	clathrin coat assembly protein, putative	-0,3848	0,000203
TcCLB.509875.160	dispersed gene family protein 1 (DGF-1), putative	-0,385	0,03255
TcCLB.510741.90	hypothetical protein, conserved	-0,3851	0,0239
TcCLB.506885.210	trans-sialidase, Group III, putative	-0,3851	0,04526
TcCLB.509371.10	dispersed gene family protein 1 (DGF-1), putative	-0,3851	0,4119
TcCLB.504105.230	nuclear cap binding complex subunit CBP110, putative (CBI)	-0,3852	0,0005057
TcCLB.503915.9	hypothetical protein, conserved (fragment)	-0,3852	0,002732
TcCLB.506297.170	hypothetical protein, conserved	-0,3852	0,04502
TcCLB.510731.100	hypothetical protein, conserved	-0,3853	0,01247
TcCLB.506941.159	zinc finger protein, putative	-0,3854	0,0007496
TcCLB.511707.20	hypothetical protein	-0,3854	0,01938
TcCLB.511217.190	hypothetical protein, conserved	-0,3854	0,2326
TcCLB.508625.130	stress-inducible protein STI1-like, putative	-0,3857	0,04913
TcCLB.506559.148	hypothetical protein, conserved	-0,3858	0,01861
TcCLB.506671.20	mucin TcMUC (pseudogene), putative	-0,3858	0,3675
TcCLB.509491.10	hypothetical protein, conserved	-0,386	0,009298
TcCLB.508183.10	ubiquinone biosynthesis protein COQ7 homolog, putative	-0,386	0,0116
TcCLB.508825.10	surface protease GP63, putative	-0,386	0,0147
TcCLB.509737.9	trans-sialidase, putative (fragment)	-0,386	0,2178

TcCLB.507143.50	hypothetical protein, conserved	-0,3861	0,0003901
TcCLB.503467.30	oligosaccharyl transferase subunit, putative	-0,3862	0,001574
TcCLB.510719.290	Golgi SNAP receptor complex member 1, putative	-0,3862	0,01718
TcCLB.511127.120	cysteine peptidase, Clan CA, family C19, putative	-0,3863	0,009168
TcCLB.507237.10	trans-sialidase, Group V, putative	-0,3864	0,2263
TcCLB.506195.200	hypothetical protein, conserved	-0,3865	0,00002636
TcCLB.503565.20	hypothetical protein, conserved	-0,3865	0,005842
TcCLB.509569.44	Present in the outer mitochondrial membrane proteome 4l	-0,3865	0,01259
TcCLB.471901.20	SNARE protein, putative	-0,3866	0,005621
TcCLB.508625.30	ARP2/3 complex subunit, putative	-0,3868	0,08047
TcCLB.503521.20	hypothetical protein, conserved	-0,3869	0,001986
TcCLB.506485.90	hypothetical protein, conserved	-0,387	0,0006898
TcCLB.510143.30	hypothetical protein, conserved	-0,387	0,002492
TcCLB.510715.150	trans-sialidase, Group VI, putative	-0,387	0,2429
TcCLB.407477.20	hypothetical protein, conserved	-0,3871	0,04032
TcCLB.511041.10	hypothetical protein, conserved	-0,3873	0,00316
TcCLB.509109.170	tubulin tyrosine ligase (pseudogene), putative	-0,3873	0,01102
TcCLB.506457.149	hypothetical protein, conserved (fragment)	-0,3873	0,04403
TcCLB.506863.4	dephospho-CoA kinase, putative	-0,3873	0,2156
TcCLB.511895.30	receptor-type adenylate cyclase, putative	-0,3873	0,2352
TcCLB.510657.40	hypothetical protein, conserved	-0,3874	0,002462
TcCLB.511419.40	phosphoglycerate kinase, putative	-0,3875	0,00009019
TcCLB.509693.190	ABC transporter, putative	-0,3875	0,007152
TcCLB.510889.150	hypothetical protein, conserved	-0,3875	0,01839
TcCLB.506493.50	serine/threonine protein kinase, putative	-0,3875	0,08638
TcCLB.506813.200	mucin-like glycoprotein (pseudogene), putative	-0,3876	0,5193
TcCLB.510989.50	hypothetical protein, conserved	-0,3877	1,121E-06
TcCLB.508411.10	cofilin/actin depolymerizing factor, putative	-0,3877	0,0004958
TcCLB.506295.50	hypothetical protein, conserved	-0,3877	0,05401
TcCLB.511473.6	ATP-dependent DEAD/H RNA helicase (pseudogene), putative	-0,3878	0,2713
TcCLB.508717.10	tyrosine specific protein phosphatase, putative	-0,3879	0,0002909
TcCLB.511391.130	hypothetical protein, conserved	-0,388	0,02396
TcCLB.505807.209	hypothetical protein, conserved	-0,388	0,0523
TcCLB.511553.150	mucin-associated surface protein (MASP), putative	-0,388	0,2959
TcCLB.508153.860	hypothetical protein, conserved	-0,3882	0,00008171
TcCLB.509429.110	proteasome beta-1 subunit, putative	-0,3883	0,0001623
TcCLB.482319.10	hypothetical protein, conserved	-0,3883	0,001268
TcCLB.506871.100	polypeptide deformylase-like protein, putative	-0,3883	0,003006
TcCLB.508139.135	retrotransposon hot spot protein (RHS, pseudogene), putative	-0,3883	0,01379
TcCLB.511265.10	dispersed gene family protein 1 (DGF-1, pseudogene), putative	-0,3883	0,02143
TcCLB.511283.210	hypothetical protein, conserved	-0,3884	0,00007507
TcCLB.503473.10	protein kinase, putative	-0,3884	0,002624
TcCLB.505121.9	dispersed gene family protein 1 (DGF-1), putative (fragment)	-0,3884	0,0482
TcCLB.508221.64	syntaxin binding protein (pseudogene), putative	-0,3884	0,3231
TcCLB.508347.60	hypothetical protein, conserved	-0,3886	0,04355

TcCLB.503885.80	hypothetical protein, conserved	-0,3887	0,005383
TcCLB.507129.10	actin 2, putative	-0,3887	0,04943
TcCLB.510221.10	RNA pseudouridylate synthase, putative	-0,3888	0,002208
TcCLB.511553.80	hypothetical protein, conserved	-0,3888	0,5343
TcCLB.504883.30	hypothetical protein, conserved	-0,3889	0,0000563
TcCLB.508747.50	mucin TcMUCII, putative	-0,3889	0,2692
TcCLB.510141.20	hypothetical protein, conserved	-0,3891	0,00801
TcCLB.510201.20	mucin-associated surface protein (MASP), putative	-0,3891	0,4086
TcCLB.509453.60	hypothetical protein, conserved	-0,3893	0,0002381
TcCLB.511127.274	hypothetical protein, conserved	-0,3893	0,02894
TcCLB.508745.70	mucin-associated surface protein (MASP), putative (fragm	-0,3894	0,6826
TcCLB.507257.30	hypothetical protein, conserved	-0,3895	0,02157
TcCLB.506415.30	hypothetical protein, conserved	-0,3896	0,01705
TcCLB.510597.9	tousled-like kinase II, putative	-0,3899	0,006469
TcCLB.503919.30	hypothetical protein, conserved	-0,3899	0,01265
TcCLB.507611.310	eukaryotic translation initiation factor 3 subunit 8, putative	-0,3901	4,558E-06
TcCLB.503809.10	hypothetical protein, conserved	-0,3901	0,000179
TcCLB.507011.140	DNA-repair protein, putative	-0,3902	0,0007453
TcCLB.507037.50	exonuclease, putative	-0,3904	0,02856
TcCLB.506811.30	hypothetical protein, conserved	-0,3905	0,001517
TcCLB.506973.105	mucin-associated surface protein (MASP, pseudogene), pu	-0,3905	0,3292
TcCLB.510421.314	U6 snRNA-associated Sm-like protein LSm8p	-0,3906	0,05504
TcCLB.510885.10	hypothetical protein, conserved	-0,3907	0,003167
TcCLB.508403.10	hypothetical protein, conserved	-0,3908	0,0007778
TcCLB.506297.120	hypothetical protein, conserved	-0,3908	0,001741
TcCLB.507837.40	hypothetical protein, conserved	-0,3908	0,02523
TcCLB.507485.45	hypothetical protein, conserved	-0,391	0,09545
TcCLB.506201.130	hypothetical protein, conserved	-0,3913	0,002466
TcCLB.507949.154	TFIIH basal transcription factor subunit, putative (TSP1)	-0,3913	0,00779
TcCLB.510607.75	hypothetical protein, conserved (pseudogene)	-0,3913	0,1363
TcCLB.510397.20	trans-sialidase (pseudogene), putative	-0,3913	0,3862
TcCLB.508245.50	hypothetical protein	-0,3914	0,1298
TcCLB.507237.100	mucin-associated surface protein (MASP), putative	-0,3914	0,5586
TcCLB.504151.39	hypothetical protein, conserved	-0,3915	0,002212
TcCLB.432067.20	hypothetical protein, conserved (pseudogene)	-0,3915	0,1589
TcCLB.508169.20	elongation factor 2, putative	-0,3916	3,236E-10
TcCLB.510661.60	glycerol kinase, glycosomal, putative	-0,3917	0,0001575
TcCLB.508647.170	DNA polymerase theta (polymerase domain only), putative	-0,3917	0,0002824
TcCLB.510187.234	tyrosine specific protein phosphatase, putative	-0,3917	0,001095
TcCLB.508001.30	hypothetical protein, conserved (pseudogene)	-0,3918	0,02661
TcCLB.511291.70	hypothetical protein, conserved	-0,3919	0,0002617
TcCLB.510317.14	hypothetical protein, conserved	-0,3919	0,005441
TcCLB.511921.71	hypothetical protein, conserved (pseudogene)	-0,3919	0,2225
TcCLB.509719.50	protein kinase, putative	-0,392	0,003146
TcCLB.508815.160	ER lumen retaining receptor protein, putative	-0,3921	0,0002905

TcCLB.506989.160	PTS2 receptor, putative (PEX7)	-0,3921	0,001024
TcCLB.508545.9	hypothetical protein, conserved	-0,3922	0,03042
TcCLB.511277.560	synaptotagmin, putative	-0,3923	0,007587
TcCLB.504079.10	branch point binding protein, putative	-0,3927	0,0063
TcCLB.510055.70	hypothetical protein, conserved	-0,3929	0,001736
TcCLB.505807.40	hypothetical protein, conserved	-0,393	0,00001777
TcCLB.509847.50	trans-sialidase (pseudogene), putative	-0,393	0,2756
TcCLB.511211.40	molybdenum cofactor biosynthesis protein, putative	-0,3931	0,001136
TcCLB.505183.84	hypothetical protein, conserved	-0,3931	0,006143
TcCLB.508305.9	trans-sialidase, putative	-0,3932	0,2525
TcCLB.506893.80	monothiol glutaredoxin, putative	-0,3933	0,03995
TcCLB.506647.20	hypothetical protein, conserved	-0,3934	0,000345
TcCLB.509685.27	surface protease GP63 (pseudogene), putative	-0,3934	0,4793
TcCLB.508707.80	RNA-binding protein, putative	-0,3935	0,003037
TcCLB.508139.155	protein kinase (pseudogene), putative	-0,3937	0,03678
TcCLB.507663.60	hypothetical protein, conserved	-0,3938	0,004485
TcCLB.510089.130	protein kinase, putative	-0,3939	0,0000538
TcCLB.507049.119	hypothetical protein, conserved	-0,3939	0,0002724
TcCLB.506577.130	protein phosphatase 2A regulatory subunit, putative	-0,3939	0,002812
TcCLB.510901.50	C-terminal motor kinesin, putative	-0,3941	0,0002304
TcCLB.507601.140	ATP-dependent RNA helicase, putative	-0,3941	0,0003964
TcCLB.510101.490	anion-transporting ATPase-like, putative	-0,3942	0,0001107
TcCLB.511803.70	hypothetical protein, conserved	-0,3942	0,005657
TcCLB.506249.30	hypothetical protein, conserved	-0,3943	0,09194
TcCLB.506179.59	ATP-dependent RNA helicase, putative (fragment)	-0,3944	0,07878
TcCLB.510877.60	ruvB-like DNA helicase, putative (RUVBL)	-0,3946	5,766E-07
TcCLB.504125.30	ubiquitin carboxyl-terminal hydrolase, putative	-0,3946	0,00001034
TcCLB.503611.30	hypothetical protein, conserved	-0,3946	0,002777
TcCLB.508197.20	ADP-ribosylation factor, putative	-0,3946	0,02567
TcCLB.508413.30	hypothetical protein, conserved	-0,3947	0,00006481
TcCLB.508065.60	hypothetical protein, conserved	-0,3947	0,001584
TcCLB.510979.40	trans-sialidase, Group V, putative	-0,3947	0,05278
TcCLB.507023.20	hypothetical protein	-0,3948	0,01668
TcCLB.508691.20	hypothetical protein, conserved	-0,3949	0,007445
TcCLB.510159.10	hypothetical protein, conserved	-0,3949	0,009841
TcCLB.509693.120	hypothetical protein, conserved	-0,395	0,0004286
TcCLB.506363.120	hypothetical protein, conserved	-0,3951	0,01412
TcCLB.506625.249	RNA pseudouridylate synthase protein, putative	-0,3952	0,0004435
TcCLB.508147.150	mucin-associated surface protein (MASP), putative	-0,3953	0,3586
TcCLB.509733.170	Valosin-containing protein, putative (VCP)	-0,3955	2,172E-06
TcCLB.504057.97	hypothetical protein, conserved	-0,3955	0,003602
TcCLB.510969.10	hypothetical protein, conserved	-0,3955	0,007216
TcCLB.508873.510	mucin-associated surface protein (MASP), putative	-0,3955	0,3163
TcCLB.507089.60	hypothetical protein, conserved	-0,3956	0,002108
TcCLB.506435.220	hypothetical protein, conserved	-0,3956	0,03351

TcCLB.506925.30	hypothetical protein, conserved	-0,3957	6,337E-08
TcCLB.506279.140	trans-sialidase, Group V, putative	-0,3957	0,1387
TcCLB.511003.170	hypothetical protein, conserved	-0,3959	0,01564
TcCLB.504703.10	glycosyl hydrolase (pseudogene), putative	-0,396	0,00004885
TcCLB.503955.30	hypothetical protein, conserved	-0,3961	0,004701
TcCLB.503417.40	hypothetical protein	-0,3961	0,4781
TcCLB.507901.30	retrotransposon hot spot protein (RHS, pseudogene), putative	-0,3962	0,00979
TcCLB.511127.240	hypothetical protein, conserved	-0,3962	0,1897
TcCLB.508421.40	hypothetical protein, conserved (pseudogene)	-0,3963	0,3879
TcCLB.511131.20	hypothetical protein, conserved	-0,3965	0,001553
TcCLB.510841.30	hypothetical protein	-0,3965	0,1682
TcCLB.511867.50	proteasome alpha 7 subunit, putative	-0,3966	0,00124
TcCLB.504021.90	hypothetical protein	-0,3966	0,006589
TcCLB.505807.254	hypothetical protein	-0,3966	0,05601
TcCLB.507063.160	hypothetical protein, conserved	-0,3967	0,0002605
TcCLB.503557.14	hypothetical protein, conserved	-0,3967	0,002032
TcCLB.508517.9	dispersed gene family protein 1 (DGF-1), putative	-0,3967	0,1211
TcCLB.509579.32	N-acetyltransferase complex ARD1 subunit (pseudogene),	-0,3967	0,2863
TcCLB.506247.150	hypothetical protein, conserved	-0,3968	0,02086
TcCLB.511017.69	histone acetyltransferase, putative (fragment)	-0,3968	0,1192
TcCLB.511145.80	RNA polymerase II, putative	-0,3969	0,01239
TcCLB.507625.183	SNARE domain-containing protein, putative (SNARE2.1)	-0,3969	0,01851
TcCLB.507953.100	trans-sialidase, Group V, putative	-0,3969	0,209
TcCLB.506363.159	separase, putative	-0,397	0,3263
TcCLB.504407.10	dispersed gene family protein 1 (DGF-1, pseudogene), putative	-0,3971	0,2276
TcCLB.507063.260	hypothetical protein	-0,3972	0,2406
TcCLB.511577.160	hypothetical protein, conserved	-0,3974	0,002731
TcCLB.508221.530	trans-sialidase (pseudogene), putative	-0,3975	0,3339
TcCLB.503653.104	hypothetical protein, conserved	-0,3975	0,3755
TcCLB.511233.40	hypothetical protein, conserved	-0,3976	0,0002679
TcCLB.511321.26	vesicle transport v-SNARE protein, putative	-0,3976	0,01669
TcCLB.507837.90	cell division cycle protein, putative	-0,3977	0,008743
TcCLB.510761.70	ubiquitin hydrolase, putative	-0,3979	0,00003574
TcCLB.504259.19	hypothetical protein, conserved	-0,3979	0,006938
TcCLB.506743.10	hypothetical protein	-0,3979	0,04911
TcCLB.509179.120	hypothetical protein, conserved	-0,3979	0,06401
TcCLB.504839.60	hypothetical protein, conserved	-0,398	0,002201
TcCLB.507049.30	hypothetical protein, conserved	-0,398	0,01159
TcCLB.505941.49	hypothetical protein, conserved	-0,398	0,02129
TcCLB.506287.200	DNA ligase, putative	-0,398	0,02463
TcCLB.427355.10	oligosaccharyl transferase subunit, putative (fragment)	-0,3981	0,009094
TcCLB.509611.120	hypothetical protein, conserved	-0,3981	0,009165
TcCLB.510763.90	hypothetical protein, conserved	-0,3981	0,01939
TcCLB.510269.60	trans-sialidase (pseudogene), putative	-0,3981	0,1583
TcCLB.408345.20	2-oxoglutarate dehydrogenase subunit, putative (fragment)	-0,3983	0,01616

TcCLB.510515.139	T-complex protein 1, gamma subunit, putative	-0,3984	0,002443
TcCLB.506221.80	NAD synthase, putative	-0,3984	0,01707
TcCLB.506769.30	mucin-associated surface protein (MASP), putative	-0,3985	0,1914
TcCLB.507019.130	hypothetical protein	-0,3986	0,02318
TcCLB.511529.190	hypothetical protein, conserved	-0,3986	0,03447
TcCLB.509991.110	transcription elongation factor 1 homolog (ELOF1)	-0,3988	0,01002
TcCLB.503733.20	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase, put	-0,3989	0,001181
TcCLB.508099.9	mucin-associated surface protein (MASP, pseudogene), pu	-0,399	0,2967
TcCLB.504011.40	XPA-interacting protein, putative	-0,3992	0,001525
TcCLB.506177.80	hypothetical protein, conserved	-0,3992	0,09499
TcCLB.510575.30	hypothetical protein, conserved	-0,3994	0,00044
TcCLB.507601.60	hypothetical protein, conserved	-0,3994	0,01754
TcCLB.506247.50	CCT-theta, putative	-0,3995	1,273E-11
TcCLB.510733.10	p21-activated kinase 3, putative	-0,3995	6,481E-07
TcCLB.511593.65	hypothetical protein	-0,3995	0,3776
TcCLB.508207.200	small GTP-binding protein, putative	-0,3996	0,001084
TcCLB.508153.360	hypothetical protein, conserved	-0,3996	0,02497
TcCLB.510659.60	hypothetical protein, conserved	-0,3997	0,02396
TcCLB.508467.10	hypothetical protein, conserved	-0,3997	0,1066
TcCLB.506973.61	hypothetical protein, conserved (pseudogene)	-0,3997	0,1136
TcCLB.506327.30	hypothetical protein, conserved	-0,3998	0,00000241
TcCLB.511627.120	aldo/keto reductase, putative	-0,3998	0,004966
TcCLB.469785.20	hypothetical protein, conserved	-0,3998	0,02698
TcCLB.510571.10	hypothetical protein, conserved	-0,3998	0,0503
TcCLB.504057.140	ADP/ATP mitochondrial carrier protein, putative	-0,3999	0,0001111
TcCLB.506693.7	hypothetical protein, conserved	-0,3999	0,05332
TcCLB.506275.50	Golgi SNAP receptor complex member 1, putative	-0,4	0,01665
TcCLB.508547.20	pre-rRNA-processing protein tsr1 homolog	-0,4001	0,0002576
TcCLB.511755.50	hypothetical protein, conserved	-0,4001	0,002236
TcCLB.511201.58	hypothetical protein	-0,4001	0,002876
TcCLB.510963.60	hypothetical protein, conserved	-0,4001	0,006104
TcCLB.504021.70	hypothetical protein, conserved	-0,4002	0,002534
TcCLB.508979.30	mucin TcMUCII, putative	-0,4002	0,192
TcCLB.510279.110	trans-sialidase, Group VI, putative	-0,4002	0,3318
TcCLB.508347.130	deoxyhypusine hydroxylase, putative	-0,4004	0,02645
TcCLB.507517.90	nucleotide-binding protein, putative	-0,4005	0,003511
TcCLB.506657.50	ADP/ATP mitochondrial carrier protein (pseudogene), puta	-0,4005	0,003679
TcCLB.509875.120	trans-sialidase, Group II, putative	-0,4006	0,01496
TcCLB.506961.30	hypothetical protein	-0,4006	0,1829
TcCLB.506515.10	FG-GAP repeat protein, putative	-0,4007	0,0003482
TcCLB.511211.140	hypothetical protein, conserved	-0,4008	0,0007712
TcCLB.510355.10	dispersed gene family protein 1 (DGF-1), putative	-0,4008	0,01192
TcCLB.508123.10	hypothetical protein, conserved	-0,4008	0,04647
TcCLB.508787.30	pumilio/PUF RNA binding protein 3, putative (PUF3)	-0,4009	0,0003469
TcCLB.511907.100	hypothetical protein, conserved	-0,401	0,001079

TcCLB.503719.39	hypothetical protein, conserved	-0,401	0,008731
TcCLB.506839.60	tyrosine specific protein phosphatase, putative	-0,4011	0,0002346
TcCLB.510689.40	phosphatidylinositol 3-kinase (tor2), putative (TOR2)	-0,4012	9,819E-07
TcCLB.503541.40	hypothetical protein, conserved	-0,4013	0,003162
TcCLB.509627.20	hypothetical protein, conserved	-0,4014	0,000651
TcCLB.419833.10	vacuolar protein sorting 18, putative	-0,4014	0,02046
TcCLB.510431.340	hypothetical protein, conserved	-0,4015	0,03956
TcCLB.510611.70	hypothetical protein, conserved	-0,4017	0,0005419
TcCLB.510043.59	hypothetical protein, conserved (fragment)	-0,4017	0,001129
TcCLB.509595.60	hypothetical protein, conserved	-0,4018	0,01239
TcCLB.411427.49	hypothetical protein, conserved (fragment)	-0,4018	0,1266
TcCLB.504057.110	ribosomal RNA processing protein 6, putative (RRP6)	-0,4019	0,00002068
TcCLB.509029.130	cyclin 1 (CYC1)	-0,4019	0,005707
TcCLB.510939.9	hypothetical protein, conserved	-0,402	0,1003
TcCLB.508799.30	hypothetical protein, conserved	-0,4021	0,002005
TcCLB.503797.4	hypothetical protein, conserved	-0,4022	0,0007717
TcCLB.505607.9	dispersed gene family protein 1 (DGF-1), putative	-0,4022	0,115
TcCLB.508175.210	hypothetical protein, conserved	-0,4023	0,04838
TcCLB.506195.240	hypothetical protein, conserved	-0,4025	0,0002426
TcCLB.505075.20	hypothetical protein	-0,4025	0,05452
TcCLB.506133.120	syntaxin binding protein (pseudogene), putative	-0,4025	0,4064
TcCLB.511779.31	hypothetical protein	-0,4025	0,424
TcCLB.509719.26	hypothetical protein, conserved	-0,4026	0,0003459
TcCLB.508635.10	hypothetical protein	-0,4026	0,1499
TcCLB.510601.30	hypothetical protein, conserved	-0,4027	0,001079
TcCLB.508409.170	hypothetical protein, conserved	-0,4027	0,00631
TcCLB.511285.10	hypothetical protein	-0,4028	0,00003534
TcCLB.506983.20	hypothetical protein, conserved	-0,4028	0,0002501
TcCLB.510897.10	cullin 2, putative	-0,4028	0,001565
TcCLB.511529.130	hypothetical protein, conserved	-0,4028	0,008701
TcCLB.438897.10	hypothetical protein, conserved	-0,4029	0,001607
TcCLB.503579.30	DNA polymerase sigma-like protein, putative	-0,4029	0,006313
TcCLB.410199.4	kinase, putative (fragment)	-0,4031	0,04554
TcCLB.511317.50	hypothetical protein, conserved	-0,4032	0,0009144
TcCLB.509591.20	phosphoprotein phosphatase, putative	-0,4032	0,5365
TcCLB.507951.280	ABC transporter, putative	-0,4033	0,0001367
TcCLB.503987.60	hypothetical protein, conserved	-0,4034	0,02141
TcCLB.510285.30	hypothetical protein, conserved	-0,4035	0,00148
TcCLB.507017.140	mitochondrial RNA binding protein 1, putative	-0,4037	0,00006271
TcCLB.508831.140	surface antigen 2 (CA-2), putative	-0,4037	0,000762
TcCLB.507581.9	dispersed gene family protein 1 (DGF-1), putative (fragme	-0,4037	0,08499
TcCLB.508737.180	hypothetical protein, conserved	-0,4038	2,235E-06
TcCLB.507875.40	trans-sialidase (pseudogene), putative	-0,4038	0,01668
TcCLB.510603.90	mitochondrial carrier protein, putative	-0,4039	0,03411
TcCLB.508629.68	N-acetyltransferase complex ARD1 subunit (pseudogene),	-0,4041	0,2023

TcCLB.510421.290	Mad2-like HORMA domain containing protein (mad2)	-0,4042	0,001376
TcCLB.504033.200	hypothetical protein	-0,4043	0,002179
TcCLB.508881.10	hypothetical protein, conserved	-0,4043	0,02127
TcCLB.503535.9	hypothetical protein, conserved	-0,4044	5,322E-06
TcCLB.510181.110	hypothetical protein, conserved	-0,4044	0,004011
TcCLB.508839.70	hypothetical protein, conserved	-0,4044	0,02613
TcCLB.509539.40	hypothetical protein, conserved	-0,4044	0,03889
TcCLB.506265.120	hypothetical protein, conserved	-0,4048	0,0002872
TcCLB.476733.20	hypothetical protein, conserved	-0,4049	0,00008721
TcCLB.509499.10	cyclophilin, putative (CYP)	-0,4049	0,0004819
TcCLB.504239.100	mucin TcMUCII, putative	-0,4049	0,369
TcCLB.503939.4	hypothetical protein, conserved	-0,4049	0,4502
TcCLB.506425.100	hypothetical protein, conserved	-0,405	0,0005424
TcCLB.506789.150	hypothetical protein	-0,405	0,001014
TcCLB.506887.80	hypothetical protein, conserved	-0,405	0,02917
TcCLB.506789.249	bilobe protein, conserved	-0,4051	0,0001203
TcCLB.509819.40	hypothetical protein, conserved	-0,4051	0,0004782
TcCLB.408437.10	hypothetical protein, conserved	-0,4051	0,000541
TcCLB.404711.10	trans-sialidase (pseudogene), putative	-0,4051	0,001765
TcCLB.509979.70	hypothetical protein, conserved	-0,4051	0,03928
TcCLB.511327.20	hypothetical protein (fragment)	-0,4051	0,04168
TcCLB.510351.80	hypothetical protein, conserved	-0,4053	0,02693
TcCLB.508909.50	hypothetical protein, conserved	-0,4053	0,04921
TcCLB.510311.60	hypothetical protein, conserved	-0,4054	1,333E-06
TcCLB.506691.50	hypothetical protein, conserved	-0,4054	0,002294
TcCLB.507815.20	trans-sialidase (pseudogene), putative	-0,4054	0,06524
TcCLB.507239.10	hypothetical protein, conserved	-0,4054	0,07917
TcCLB.508641.184	Protein translation factor SUI1 homolog, putative	-0,4056	0,01347
TcCLB.506947.70	hypothetical protein, conserved	-0,4059	0,06327
TcCLB.504155.170	mucin TcMUCII, putative	-0,4059	0,481
TcCLB.506367.89	hypothetical protein, conserved	-0,406	0,02649
TcCLB.510243.20	hypothetical protein, conserved	-0,4061	0,003179
TcCLB.506679.210	RNA editing complex protein MP61, putative	-0,4063	0,00152
TcCLB.503399.20	hydrolase, alpha/beta fold family, putative	-0,4064	0,007601
TcCLB.507945.20	hypothetical protein, conserved	-0,4064	0,01627
TcCLB.510053.50	vesicle transport v-SNARE protein, putative	-0,4064	0,03789
TcCLB.504009.4	hypothetical protein, conserved	-0,4065	0,04299
TcCLB.507711.280	hypothetical protein, conserved	-0,4066	0,007459
TcCLB.504013.50	selenocysteine-tRNA-specific elongation factor, putative	-0,4067	0,0005838
TcCLB.511423.104	DNA-directed RNA polymerase 2, RPB12 subunit, putative	-0,4068	0,02506
TcCLB.509011.30	hypothetical protein	-0,4069	0,01549
TcCLB.510819.40	hypothetical protein, conserved	-0,4071	0,0169
TcCLB.508999.10	DnaJ chaperone protein, putative	-0,4072	0,0001814
TcCLB.510763.70	hypothetical protein, conserved	-0,4072	0,002203
TcCLB.506859.100	hypothetical protein, conserved	-0,4072	0,1335



TcCLB.509835.30	hypothetical protein, conserved	-0,4073	0,008101
TcCLB.504091.10	hypothetical protein, conserved	-0,4074	0,0002299
TcCLB.506759.230	hypothetical protein	-0,4074	0,6421
TcCLB.508851.170	DNA topoisomerase III, putative	-0,4075	0,0004065
TcCLB.507715.80	ubiquitin-conjugating enzyme, putative	-0,4075	0,005655
TcCLB.506529.180	hypothetical protein, conserved	-0,4075	0,08965
TcCLB.506297.20	hypothetical protein	-0,4077	0,00002105
TcCLB.504021.140	hypothetical protein, conserved	-0,4078	0,0002524
TcCLB.436083.9	hypothetical protein, conserved	-0,4078	0,007245
TcCLB.508879.200	hypothetical protein, conserved	-0,4078	0,01237
TcCLB.507625.84	hypothetical protein, conserved	-0,4078	0,02845
TcCLB.507197.10	surface protease GP63, putative	-0,4079	0,00004221
TcCLB.508199.50	palmitoyl acyltransferase 1, putative	-0,4081	0,00003099
TcCLB.510045.30	protein kinase, putative	-0,4082	0,002834
TcCLB.506495.20	helicase-like protein, putative	-0,4083	0,0001064
TcCLB.503879.10	DNA polymerase delta subunit 2, putative	-0,4083	0,00114
TcCLB.511367.30	hypothetical protein	-0,4084	0,3324
TcCLB.506925.70	epsin, putative	-0,4085	0,0000013
TcCLB.504243.20	hypothetical protein, conserved	-0,4085	0,01164
TcCLB.510533.160	hypothetical protein, conserved	-0,4088	0,002618
TcCLB.506993.160	trans-sialidase (pseudogene), putative	-0,4088	0,1756
TcCLB.506541.10	hypothetical protein, conserved (pseudogene)	-0,4088	0,2987
TcCLB.509669.50	hypothetical protein, conserved	-0,4089	4,532E-06
TcCLB.508921.30	Kinesin-13 4, putative (KIN13-4)	-0,4089	0,03003
TcCLB.504193.41	N-acetyltransferase complex ARD1 subunit (pseudogene),	-0,4089	0,04716
TcCLB.507963.44	hypothetical protein, conserved	-0,409	0,005932
TcCLB.506753.60	GDP-mannose transporter, putative	-0,4093	0,02776
TcCLB.511057.15	hypothetical protein	-0,4094	0,3278
TcCLB.511021.40	hypothetical protein, conserved	-0,4095	0,00164
TcCLB.506351.40	ribonuclease H1, putative	-0,4095	0,02
TcCLB.511403.15	mucin TcMUC (pseudogene), putative	-0,4095	0,5796
TcCLB.505115.10	hypothetical protein, conserved	-0,4096	0,0001941
TcCLB.507801.60	hypothetical protein, conserved	-0,4096	0,0003298
TcCLB.509893.10	hypothetical protein	-0,4096	0,0009305
TcCLB.504123.10	hypothetical protein, conserved	-0,4096	0,003549
TcCLB.503865.30	hypothetical protein, conserved	-0,4097	0,0008977
TcCLB.506657.30	hypothetical protein, conserved	-0,4099	6,121E-06
TcCLB.510719.240	hypothetical protein, conserved	-0,4099	0,01387
TcCLB.506491.10	casein kinase I, putative	-0,4101	0,1788
TcCLB.506813.140	trans-sialidase, Group VII, putative	-0,4103	0,259
TcCLB.504155.200	syntaxin binding protein (pseudogene), putative	-0,4103	0,5166
TcCLB.509805.130	prolyl-tRNA synthetase, putative	-0,4104	3,585E-07
TcCLB.506501.120	mucin TcMUCII, putative	-0,4105	0,4762
TcCLB.511861.111	elongation factor 1-gamma (EF-1-gamma), putative	-0,4105	0,4804
TcCLB.508693.160	hypothetical protein, conserved	-0,4106	0,0008477

TcCLB.508995.40	vesicular-fusion protein nsf, putative	-0,4107	0,001811
TcCLB.463359.9	vacuolar assembly protein vps41, putative	-0,4107	0,0186
TcCLB.511717.160	hypothetical protein	-0,4109	0,01606
TcCLB.506717.80	trans-sialidase, Group VIII, putative	-0,4109	0,04772
TcCLB.504047.34	acylphosphatase, putative	-0,411	0,04053
TcCLB.510055.150	hypothetical protein, conserved	-0,4111	4,945E-07
TcCLB.507257.70	protein farnesyltransferase alpha subunit, putative	-0,4111	0,0002416
TcCLB.504121.20	hypothetical protein, conserved	-0,4111	0,005346
TcCLB.506935.10	hypothetical protein, conserved	-0,4112	0,0004274
TcCLB.506147.40	hypothetical protein	-0,4112	0,002082
TcCLB.505999.170	hypothetical protein, conserved	-0,4113	2,208E-07
TcCLB.506989.260	hypothetical protein, conserved (pseudogene)	-0,4113	0,01546
TcCLB.511797.54	dispersed gene family protein 1 (DGF-1), putative	-0,4113	0,158
TcCLB.508465.10	aminotransferase, putative	-0,4114	0,005389
TcCLB.508523.50	trans-sialidase, Group II, putative	-0,4115	0,05187
TcCLB.508693.30	hypothetical protein, conserved	-0,4117	0,00007215
TcCLB.506561.10	helicase-like protein, putative	-0,4118	0,0002011
TcCLB.508909.70	hypothetical protein, conserved	-0,4118	0,03219
TcCLB.457251.19	hypothetical protein, conserved (fragment)	-0,4118	0,05529
TcCLB.508057.41	trans-sialidase (pseudogene), putative	-0,4118	0,2692
TcCLB.510973.20	hypothetical protein, conserved	-0,4123	0,0002141
TcCLB.509669.110	GTPase activator protein, putative	-0,4123	0,0009102
TcCLB.511293.40	U3 snoRNA-associated protein UTP11, putative	-0,4124	0,002175
TcCLB.507949.60	hypothetical protein, conserved	-0,4124	0,002892
TcCLB.508323.60	centrin-4, putative (Centrin4)	-0,4125	0,00002346
TcCLB.510431.40	metallo- peptidase, Clan M- Family M48 (FACE1)	-0,4125	0,0004274
TcCLB.505999.110	NADH-ubiquinone oxidoreductase complex I subunit, putative	-0,4125	0,002623
TcCLB.511771.210	dispersed gene family protein 1 (DGF-1), putative	-0,4125	0,0146
TcCLB.509695.110	hypothetical protein, conserved	-0,4127	0,0007066
TcCLB.511407.80	hypothetical protein, conserved	-0,413	0,08953
TcCLB.511543.50	hypothetical protein, conserved	-0,4131	0,01463
TcCLB.504115.60	trans-sialidase, Group V, putative	-0,4131	0,09559
TcCLB.511721.20	hypothetical protein, conserved	-0,4131	0,3649
TcCLB.507841.40	hypothetical protein, conserved	-0,4132	0,0005768
TcCLB.509965.229	heat shock protein (pseudogene), putative	-0,4132	0,02046
TcCLB.506247.160	hypothetical protein, conserved	-0,4133	0,00003476
TcCLB.511543.60	glutathione peroxidase, putative	-0,4133	0,01023
TcCLB.511537.21	hypothetical protein, conserved	-0,4133	0,02408
TcCLB.511803.10	cullin 2, putative	-0,4134	0,003209
TcCLB.508163.81	hypothetical protein, conserved (pseudogene)	-0,4134	0,4183
TcCLB.507957.300	mucin-associated surface protein (MASP), putative	-0,4136	0,3702
TcCLB.507519.130	Mini-chromosome maintenance complex-binding protein (	-0,4137	0,0007241
TcCLB.507993.310	transporter, putative	-0,4137	0,008113
TcCLB.510377.475	hypothetical protein, conserved (pseudogene)	-0,4137	0,577
TcCLB.504867.99	hypothetical protein, conserved	-0,4138	0,00009937

TcCLB.508169.69	peptidyl-prolyl cis-trans isomerase, putative	-0,4138	0,0007063
TcCLB.508865.10	glutathione synthetase, putative	-0,4138	0,001733
TcCLB.507513.30	hypothetical protein, conserved	-0,4139	0,09022
TcCLB.507771.90	hypothetical protein, conserved	-0,4141	1,754E-06
TcCLB.509105.90	MRB1-associated protein, putative (RGG2)	-0,4141	0,003054
TcCLB.511727.260	cyclin 9, putative (CYC9)	-0,4141	0,01569
TcCLB.508257.80	hypothetical protein, conserved	-0,4142	2,561E-06
TcCLB.511671.60	surface antigen 2 (CA-2), putative	-0,4142	0,00003216
TcCLB.506407.70	hypothetical protein, conserved	-0,4142	0,004978
TcCLB.508505.20	hypothetical protein, conserved	-0,4143	0,0003482
TcCLB.509119.10	oligomeric golgi complex component 8, putative	-0,4143	0,00242
TcCLB.507065.29	mucin-associated surface protein (MASP, pseudogene), pu	-0,4147	0,283
TcCLB.508831.150	hypothetical protein, conserved	-0,4149	0,00001163
TcCLB.424123.30	hypothetical protein, conserved	-0,4149	0,0053
TcCLB.511003.30	mitochondrial RNA binding complex 1 subunit, putative (RI	-0,4152	2,093E-07
TcCLB.511909.20	expression site-associated gene (ESAG-like) protein, putati	-0,4152	0,004077
TcCLB.507547.70	hypothetical protein, conserved	-0,4153	0,00005201
TcCLB.503721.30	hypothetical protein, conserved	-0,4154	0,00002764
TcCLB.511339.30	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, pu	-0,4154	0,1451
TcCLB.510361.10	trans-sialidase, Group V, putative	-0,4154	0,2799
TcCLB.503583.90	hydrogenase, putative	-0,4155	0,001376
TcCLB.506127.80	molybdopterin synthase sulphurylase-like protein, putative	-0,4157	0,000352
TcCLB.508989.60	hypothetical protein, conserved	-0,4157	0,08481
TcCLB.508821.20	hypothetical protein, conserved	-0,4158	0,0001758
TcCLB.506407.30	hypothetical protein, conserved	-0,4158	0,0005658
TcCLB.506543.70	hypothetical protein, conserved	-0,4158	0,01585
TcCLB.510187.74	short-chain dehydrogenase, putative	-0,4159	0,005112
TcCLB.506519.90	hypothetical protein, conserved	-0,4159	0,009326
TcCLB.511183.80	mucin-associated surface protein (MASP), putative	-0,4159	0,309
TcCLB.511583.20	hypothetical protein, conserved	-0,416	0,002264
TcCLB.508319.40	ATP-dependent RNA helicase SUB2, putative (SUB2)	-0,4161	2,089E-07
TcCLB.506337.130	hypothetical protein, conserved	-0,4161	0,004504
TcCLB.504047.50	hypothetical protein, conserved	-0,4162	6,368E-06
TcCLB.506247.130	hypothetical protein, conserved	-0,4163	0,00003358
TcCLB.509525.94	mucin-associated surface protein (MASP, pseudogene), pu	-0,4163	0,1192
TcCLB.511145.70	centromere/microtubule binding protein cbf5, putative	-0,4164	0,00001442
TcCLB.511269.30	hypothetical protein, conserved	-0,4164	0,01323
TcCLB.511797.200	mucin-associated surface protein (MASP), putative	-0,4164	0,02752
TcCLB.508307.90	hypothetical protein, conserved	-0,4165	0,00003285
TcCLB.506303.10	hypothetical protein, conserved	-0,4166	0,00001221
TcCLB.505077.9	dispersed gene family protein 1 (DGF-1), putative (fragme	-0,4166	0,1846
TcCLB.511183.140	dispersed gene family protein 1 (DGF-1), putative	-0,4166	0,2133
TcCLB.506411.20	hypothetical protein, conserved	-0,4167	0,001812
TcCLB.506847.70	hypothetical protein, conserved	-0,4167	0,01759
TcCLB.507729.10	dispersed gene family protein 1 (DGF-1), putative	-0,4168	0,3525

TcCLB.505009.20	divalent cation tolerance protein, putative	-0,4169	0,2431
TcCLB.506885.70	polyadenylate-binding protein 1, putative	-0,417	0,00007218
TcCLB.511537.24	hypothetical protein, conserved	-0,4171	0,001045
TcCLB.510001.40	hypothetical protein, conserved	-0,4171	0,001487
TcCLB.506419.40	hypothetical protein, conserved	-0,4172	7,225E-06
TcCLB.510329.230	hypothetical protein, conserved	-0,4172	0,002454
TcCLB.484299.4	ATP-dependent DEAD/H RNA helicase, putative	-0,4174	0,1502
TcCLB.506625.210	hypothetical protein, conserved	-0,4177	0,001613
TcCLB.510889.240	hypothetical protein, conserved	-0,4177	0,0211
TcCLB.506753.230	hypothetical protein, conserved	-0,4178	0,0004038
TcCLB.508461.110	hypothetical protein, conserved	-0,4178	0,0008811
TcCLB.506251.110	hypothetical protein, conserved	-0,4178	0,002694
TcCLB.508815.60	hypothetical protein, conserved	-0,4178	0,008572
TcCLB.472833.10	hypothetical protein, conserved	-0,4183	0,3532
TcCLB.508161.30	mucin-associated surface protein (MASP), putative	-0,4184	0,1234
TcCLB.508857.150	hypothetical protein, conserved	-0,4185	0,00412
TcCLB.511857.40	N(2), N(2)-dimethylguanosine tRNA methyltransferase, pu	-0,4187	0,0003542
TcCLB.503809.90	glycerol uptake protein, putative	-0,4187	0,001134
TcCLB.509023.120	ubiquitin carboxyl-terminal hydrolase, putative	-0,4188	0,00005361
TcCLB.509899.70	hypothetical protein, conserved (pseudogene)	-0,4188	0,00008204
TcCLB.510329.50	hypothetical protein	-0,419	0,00001069
TcCLB.511277.580	RNA-binding protein 29, putative (RBP29)	-0,4191	4,227E-06
TcCLB.508409.260	hypothetical protein, conserved	-0,4191	0,0000192
TcCLB.410923.30	hypothetical protein	-0,4191	0,1649
TcCLB.503453.90	hypothetical protein, conserved	-0,4192	0,0001927
TcCLB.511209.50	hypothetical protein, conserved	-0,4192	0,00122
TcCLB.509937.39	hypothetical protein, conserved	-0,4194	0,007768
TcCLB.510653.10	hypothetical protein, conserved	-0,4194	0,05073
TcCLB.504155.160	mucin-associated surface protein (MASP), putative	-0,4194	0,2078
TcCLB.506811.210	cell division cycle protein 45 (CDC45), putative	-0,4195	0,0006763
TcCLB.510421.70	hypothetical protein, conserved	-0,4195	0,003575
TcCLB.507001.10	hypothetical protein, conserved	-0,4196	0,00005321
TcCLB.413293.30	retrotransposon hot spot protein (RHS, pseudogene), putat	-0,4196	0,001632
TcCLB.504005.50	hypothetical protein, conserved	-0,4197	0,001562
TcCLB.511003.90	hypothetical protein, conserved	-0,4198	0,0007326
TcCLB.511151.20	hypothetical protein, conserved	-0,4199	0,00007768
TcCLB.506221.50	coatomer subunit epsilon (COPE)	-0,4199	0,001781
TcCLB.511737.20	hypothetical protein, conserved	-0,42	0,00006957
TcCLB.509603.10	vacuolar protein sorting 18, putative	-0,42	0,01665
TcCLB.507543.10	dispersed gene family protein 1 (DGF-1), putative	-0,4201	0,3949
TcCLB.508479.190	peroxisome assembly protein, putative	-0,4202	0,0003329
TcCLB.506067.70	mucin-associated surface protein (MASP), putative	-0,4202	0,4508
TcCLB.503887.50	hypothetical protein, conserved	-0,4204	0,001177
TcCLB.507943.20	histone H4, putative	-0,4207	0,0000026
TcCLB.508799.80	mRNA cap guanine-N7 methyltransferase, putative	-0,4207	0,0003552

TcCLB.509077.20	trans-sialidase (pseudogene), putative	-0,4207	0,3238
TcCLB.506679.30	hypothetical protein, conserved	-0,4208	1,975E-06
TcCLB.511491.50	KU80 protein, putative	-0,421	0,0002942
TcCLB.506727.70	hypothetical protein, conserved	-0,421	0,001337
TcCLB.506967.13	hypothetical protein, conserved	-0,421	0,072
TcCLB.507025.20	hypothetical protein, conserved	-0,4214	0,002573
TcCLB.511285.4	intraflagellar transport protein 140, putative (fragment) (II)	-0,4215	0,0007799
TcCLB.509575.30	hypothetical protein, conserved	-0,4215	0,0009292
TcCLB.508299.89	hypothetical protein, conserved	-0,4215	0,02952
TcCLB.511143.30	hypothetical protein, conserved	-0,4216	0,003567
TcCLB.504079.20	hypothetical protein, conserved	-0,4217	0,06246
TcCLB.510731.68	hypothetical protein, conserved	-0,4218	0,02825
TcCLB.504097.10	RNA editing complex protein MP61, putative	-0,422	0,0006422
TcCLB.508871.180	hypothetical protein	-0,422	0,2718
TcCLB.509005.50	hypothetical protein, conserved	-0,4223	0,00003249
TcCLB.506257.60	XPA-interacting protein, putative	-0,4223	0,002866
TcCLB.509267.40	hypothetical protein, conserved	-0,4226	0,0002482
TcCLB.503753.10	hypothetical protein, conserved	-0,4226	0,007669
TcCLB.506389.70	translation-associated element 2, putative	-0,4228	0,00004537
TcCLB.511743.30	hypothetical protein, conserved	-0,4229	0,0005221
TcCLB.509561.80	plectin-like protein, putative	-0,4229	0,001296
TcCLB.510999.30	hypothetical protein, conserved	-0,423	0,001096
TcCLB.510777.10	hypothetical protein, conserved	-0,423	0,01413
TcCLB.503673.18	hypothetical protein, conserved	-0,4234	0,009499
TcCLB.507621.5	trans-sialidase (pseudogene), putative	-0,4234	0,2254
TcCLB.508457.20	hypothetical protein, conserved	-0,4235	9,269E-06
TcCLB.504071.20	hypothetical protein, conserved	-0,4235	0,0001915
TcCLB.506729.40	hypothetical protein, conserved	-0,4238	0,0002782
TcCLB.511861.20	trans-sialidase, Group V, putative	-0,4238	0,02499
TcCLB.507485.110	hypothetical protein, conserved	-0,4239	0,00002206
TcCLB.506855.300	hypothetical protein, conserved	-0,4239	0,0002134
TcCLB.511181.70	hypothetical protein, conserved	-0,4239	0,01682
TcCLB.510121.30	actin-like protein, putative	-0,4239	0,01794
TcCLB.506139.170	trans-sialidase (pseudogene), putative	-0,4239	0,2104
TcCLB.506975.20	hypothetical protein, conserved	-0,4241	0,004011
TcCLB.507007.45	anaphase promoting complex subunit protein, putative	-0,4241	0,2139
TcCLB.506247.240	hypothetical protein, conserved	-0,4242	0,002175
TcCLB.510253.29	hypothetical protein, conserved (fragment)	-0,4243	0,07706
TcCLB.505025.150	trans-sialidase (pseudogene), putative	-0,4243	0,2194
TcCLB.506211.114	C-terminal motor kinesin, putative	-0,4247	5,688E-08
TcCLB.509747.110	hypothetical protein, conserved	-0,4247	0,0008258
TcCLB.508717.50	hypothetical protein, conserved	-0,4247	0,003227
TcCLB.506577.150	hypothetical protein, conserved	-0,4248	3,88E-08
TcCLB.506629.90	hypothetical protein, conserved	-0,4248	0,09741
TcCLB.511083.39	mucin-associated surface protein (MASP), putative	-0,4248	0,1974

TcCLB.509053.80	hypothetical protein, conserved	-0,4249	0,01051
TcCLB.510285.40	hypothetical protein, conserved	-0,425	0,01361
TcCLB.505997.65	trans-sialidase (pseudogene), putative	-0,4251	0,06033
TcCLB.504109.110	cleavage and polyadenylation specificity factor, putative	-0,4252	0,00009937
TcCLB.506695.49	hypothetical protein, conserved	-0,4254	0,00001316
TcCLB.511003.50	hypothetical protein, conserved	-0,4254	0,00003304
TcCLB.509791.160	hypothetical protein, conserved	-0,4256	5,111E-07
TcCLB.506339.25	hypothetical protein, conserved (pseudogene)	-0,4256	0,0582
TcCLB.509757.10	hypothetical protein, conserved	-0,4257	0,001952
TcCLB.507993.33	hypothetical protein, conserved	-0,4257	0,01523
TcCLB.503499.30	mitochondrial carrier protein (pseudogene), putative	-0,4258	0,02348
TcCLB.506745.4	hypothetical protein, conserved (fragment)	-0,4258	0,2941
TcCLB.510329.40	hypothetical protein, conserved	-0,4259	0,00004673
TcCLB.511801.4	hypothetical protein, conserved	-0,4259	0,001558
TcCLB.510015.5	hypothetical protein, conserved (pseudogene)	-0,4259	0,3468
TcCLB.510391.40	mucin TcMUCII, putative	-0,4261	0,3635
TcCLB.510317.20	hypothetical protein, conserved	-0,4262	0,00006602
TcCLB.506741.130	trans-sialidase, Group V, putative	-0,4262	0,2781
TcCLB.503897.20	hypothetical protein, conserved	-0,4264	0,0001258
TcCLB.510781.30	tryptophanyl-tRNA synthetase (pseudogene), putative	-0,4264	0,4275
TcCLB.506407.90	hypothetical protein, conserved	-0,4267	1,974E-08
TcCLB.510889.320	hypothetical protein, conserved	-0,4267	0,0001088
TcCLB.508305.40	trans-sialidase, Group V, putative	-0,4268	0,1813
TcCLB.509105.100	Enriched in surface-labeled proteome protein 15 (ESP15)	-0,427	0,0005516
TcCLB.506737.60	hypothetical protein, conserved	-0,427	0,06796
TcCLB.508819.20	hypothetical protein, conserved	-0,4272	0,000377
TcCLB.421173.4	trans-sialidase, putative (fragment)	-0,4272	0,07595
TcCLB.506457.120	hypothetical protein, conserved	-0,4274	0,000493
TcCLB.510091.70	U6 snRNA-associated Sm-like protein LSm8, putative	-0,4274	0,02916
TcCLB.508231.200	40S ribosomal protein S8, putative	-0,4275	0,0006014
TcCLB.507831.80	hypothetical protein, conserved	-0,4276	0,001447
TcCLB.504839.28	tryparedoxin peroxidase, putative	-0,4277	3,066E-07
TcCLB.508059.50	hypothetical protein, conserved	-0,4277	5,335E-06
TcCLB.504867.60	hypothetical protein, conserved	-0,4277	0,0001273
TcCLB.504157.60	hypothetical protein, conserved	-0,4279	0,01926
TcCLB.506945.250	hypothetical protein, conserved	-0,428	8,804E-06
TcCLB.510187.60	glyceraldehyde 3-phosphate dehydrogenase, cytosolic, putative	-0,428	0,001489
TcCLB.506771.18	hypothetical protein, conserved	-0,428	0,002112
TcCLB.508139.240	trans-sialidase, Group II, putative	-0,428	0,004149
TcCLB.509167.120	S-adenosylmethionine decarboxylase proenzyme, putative	-0,4281	0,00007001
TcCLB.511725.140	mitochondrial carrier protein, putative	-0,4283	0,0009811
TcCLB.398235.10	protein kinase, putative (fragment)	-0,4283	0,09037
TcCLB.440099.19	hypothetical protein, conserved	-0,4284	0,004306
TcCLB.506269.99	mucin-associated surface protein (MASP), putative (fragment)	-0,4284	0,01462
TcCLB.508365.280	mucin TcMUCII, putative	-0,4284	0,3469

TcCLB.509569.30	hypothetical protein, conserved	-0,4285	0,0002754
TcCLB.503543.4	hypothetical protein, conserved (fragment)	-0,4285	0,06062
TcCLB.508409.300	hypothetical protein, conserved	-0,4286	0,005996
TcCLB.507711.120	hypothetical protein, conserved	-0,4286	0,007397
TcCLB.506405.110	ribosomal protein L13, putative	-0,4286	0,03621
TcCLB.511165.50	Enriched in surface-labeled proteome protein 7 (ESP7)	-0,4288	0,008786
TcCLB.506215.10	hypothetical protein	-0,4288	0,1389
TcCLB.508461.530	hypothetical protein, conserved	-0,4289	0,0001594
TcCLB.509181.9	dispersed gene family protein 1 (DGF-1), putative	-0,4289	0,3107
TcCLB.503423.30	hypothetical protein, conserved	-0,429	0,1557
TcCLB.508461.380	calmodulin, putative	-0,4292	4,915E-07
TcCLB.504827.110	hypothetical protein, conserved	-0,4292	0,00002436
TcCLB.508175.114	hypothetical protein, conserved	-0,4292	0,0001617
TcCLB.508461.120	hypothetical protein, conserved	-0,4295	8,43E-07
TcCLB.511313.20	hypothetical protein, conserved	-0,4295	0,002564
TcCLB.506559.200	thioredoxin, putative	-0,4296	1,458E-07
TcCLB.506249.10	hypothetical protein, conserved	-0,4296	0,02156
TcCLB.511255.580	mucin-associated surface protein (MASP, pseudogene), pu	-0,4296	0,3908
TcCLB.511589.130	14-3-3 protein 1, putative (14-3-3-I)	-0,4297	1,277E-06
TcCLB.508299.30	hypothetical protein	-0,4298	3,202E-06
TcCLB.506211.120	hypothetical protein, conserved	-0,4299	0,0009696
TcCLB.511765.55	trans-sialidase (pseudogene), putative	-0,43	0,3497
TcCLB.510055.80	hypothetical protein	-0,4301	0,002468
TcCLB.506993.180	mucin-associated surface protein (MASP), putative	-0,4301	0,2244
TcCLB.506809.5	retrotransposon hot spot (RHS) protein, putative	-0,4301	0,271
TcCLB.503999.20	Kinesin-13 5, putative (KIN13-5)	-0,4302	0,0000147
TcCLB.509595.50	DIS3-like exonuclease, putative	-0,4303	0,00001856
TcCLB.506755.170	hypothetical protein, conserved	-0,4303	0,00004936
TcCLB.510167.20	hypothetical protein, conserved	-0,4304	0,02082
TcCLB.511897.28	hypothetical protein, conserved	-0,4306	0,009934
TcCLB.506195.220	hypothetical protein, conserved	-0,4306	0,0108
TcCLB.506721.10	hypothetical protein, conserved (fragment)	-0,4306	0,1096
TcCLB.508859.10	hypothetical protein, conserved	-0,4307	0,003561
TcCLB.510541.9	dispersed gene family protein 1 (DGF-1), putative	-0,431	0,3946
TcCLB.506331.20	retrotransposon hot spot protein (RHS, pseudogene), putat	-0,4311	0,07786
TcCLB.506357.80	hypothetical protein, conserved	-0,4312	2,651E-06
TcCLB.437545.10	3-oxo-5-alpha-steroid 4-dehydrogenase, putative	-0,4312	0,0004353
TcCLB.508871.140	mucin TcMUCII, putative	-0,4312	0,3642
TcCLB.503809.30	RNA-binding protein, putative	-0,4314	0,01193
TcCLB.509721.30	intraflagellar transport protein 122B, putative (IFT122B)	-0,4315	7,494E-06
TcCLB.430603.10	mucin-associated surface protein (MASP, pseudogene), pu	-0,4315	0,2467
TcCLB.509695.200	T-complex protein 1, delta subunit, putative	-0,4316	1,39E-08
TcCLB.508153.380	RNA polymerase-associated protein CTR9, putative	-0,4316	2,398E-06
TcCLB.507511.91	mucin TcMUCIII, putative	-0,4317	0,002383
TcCLB.508441.60	hypothetical protein, conserved	-0,4318	0,0006048

TcCLB.510441.20	dispersed gene family protein 1 (DGF-1), putative	-0,4318	0,04691
TcCLB.509637.18	hypothetical protein, conserved	-0,432	0,00604
TcCLB.510359.250	hypothetical protein, conserved	-0,432	0,1364
TcCLB.509265.36	ATP-dependent DEAD/H RNA helicase (pseudogene), putative	-0,432	0,2073
TcCLB.511239.60	hypothetical protein, conserved	-0,4321	5,541E-06
TcCLB.511367.350	hypothetical protein, conserved	-0,4322	0,0002831
TcCLB.510359.150	ATP-dependent helicase, putative	-0,4323	0,00001118
TcCLB.509445.20	hypothetical protein, conserved	-0,4323	0,0000266
TcCLB.507715.20	hypothetical protein, conserved	-0,4323	0,0004345
TcCLB.506287.30	hypothetical protein, conserved	-0,4324	0,01546
TcCLB.508347.90	hypothetical protein, conserved	-0,4325	2,014E-06
TcCLB.508799.180	hypothetical protein, conserved	-0,4325	0,0001115
TcCLB.510029.30	hypothetical protein, conserved	-0,4325	0,0002717
TcCLB.506249.50	hypothetical protein, conserved	-0,4325	0,03223
TcCLB.504147.60	chaperone DNAJ protein, putative	-0,4326	1,198E-06
TcCLB.507787.90	chaperone DNAJ protein, putative	-0,4327	1,164E-06
TcCLB.508277.370	mitochondrial DNA topoisomerase II, putative	-0,4329	8,666E-09
TcCLB.509609.10	hypothetical protein, conserved	-0,4329	0,005562
TcCLB.504507.20	DNA replication licensing factor MCM8, putative	-0,4329	0,06607
TcCLB.511555.60	ubiquitin ligase, putative	-0,433	1,63E-11
TcCLB.509669.150	hypothetical protein, conserved	-0,4331	0,001129
TcCLB.510599.40	hypothetical protein, conserved	-0,4335	0,00001329
TcCLB.506319.40	hypothetical protein	-0,4339	0,2119
TcCLB.508295.50	mucin TcMUCII, putative	-0,4339	0,2682
TcCLB.506135.50	hypothetical protein, conserved	-0,434	0,0006036
TcCLB.508699.90	surface protease GP63, putative	-0,4343	0,02741
TcCLB.510575.120	hypothetical protein, conserved	-0,4344	0,007856
TcCLB.510825.20	hypothetical protein, conserved	-0,4344	0,07161
TcCLB.506239.30	lectin, putative (AG38)	-0,4345	1,112E-06
TcCLB.504137.110	hypothetical protein, conserved	-0,4345	7,911E-06
TcCLB.507007.37	hypothetical protein, conserved	-0,4346	0,3932
TcCLB.508641.120	hypothetical protein, conserved	-0,4349	0,00275
TcCLB.507007.90	hypothetical protein, conserved	-0,4349	0,01017
TcCLB.506621.14	ubiquitin ligase, putative	-0,435	0,000473
TcCLB.506597.51	hypothetical protein	-0,435	0,547
TcCLB.508707.90	proteasome regulatory non-ATPase subunit 7, putative	-0,4351	0,00001168
TcCLB.509215.40	peptidyl-prolyl cis-trans isomerase, putative	-0,4352	2,114E-06
TcCLB.507087.30	cysteine peptidase, Clan CA, family C19, putative	-0,4352	0,00002007
TcCLB.507031.170	protein kinase (pseudogene), putative	-0,4353	0,00003582
TcCLB.506559.310	hypothetical protein, conserved	-0,4353	0,0000624
TcCLB.506227.90	hypothetical protein, conserved	-0,4353	0,001554
TcCLB.510557.10	trans-sialidase (pseudogene), putative	-0,4354	0,01731
TcCLB.506589.100	hypothetical protein	-0,4357	0,3833
TcCLB.506743.170	hypothetical protein, conserved	-0,4358	0,001494
TcCLB.507649.80	nucleolar RNA-binding protein, putative	-0,436	1,37E-07



TcCLB.504247.40	RNA-editing nuclease 1 (KREN1)	-0,436	0,001899
TcCLB.508331.80	dispersed gene family protein 1 (DGF-1, pseudogene), puta	-0,4361	0,0539
TcCLB.509525.190	hypothetical protein	-0,4361	0,5365
TcCLB.506295.30	hypothetical protein, conserved	-0,4362	0,001593
TcCLB.507485.130	amastin, putative	-0,4363	0,00007061
TcCLB.507485.80	hypothetical protein, conserved	-0,4363	0,02038
TcCLB.510143.120	hypothetical protein, conserved	-0,4363	0,02187
TcCLB.508153.370	hypothetical protein, conserved	-0,4364	0,0000389
TcCLB.503749.20	hypothetical protein	-0,4364	0,0005653
TcCLB.503575.40	hypothetical protein, conserved	-0,4364	0,02373
TcCLB.509487.10	hypothetical protein	-0,4365	0,01223
TcCLB.507053.30	hypothetical protein, conserved	-0,4366	0,00001841
TcCLB.504037.40	hypothetical protein, conserved	-0,4366	0,04395
TcCLB.507061.40	hypothetical protein, conserved (pseudogene)	-0,4367	0,00001048
TcCLB.506011.30	hypothetical protein, conserved	-0,4367	0,06213
TcCLB.511055.60	hypothetical protein, conserved	-0,4368	0,1328
TcCLB.510073.30	pumilio/PUF RNA binding protein 4, putative (PUF4)	-0,437	0,5323
TcCLB.506929.50	hypothetical protein, conserved	-0,4373	0,0003333
TcCLB.503821.10	DNA-directed RNA polymerase I subunit, putative	-0,4373	0,0228
TcCLB.510363.170	mucin TcMUCII, putative	-0,4373	0,6029
TcCLB.506703.100	mucin TcMUCII (pseudogene), putative	-0,4374	0,5275
TcCLB.509969.20	surface protease GP63 (pseudogene), putative	-0,4375	0,2049
TcCLB.507627.9	kinesin, putative	-0,4376	8,711E-06
TcCLB.508837.160	hypothetical protein, conserved	-0,4376	0,00009883
TcCLB.511847.20	hypothetical protein, conserved	-0,4376	0,000346
TcCLB.509805.30	hypothetical protein, conserved	-0,4376	0,009204
TcCLB.505171.70	ATP-dependent DEAD/H RNA helicase, putative	-0,4377	0,00001549
TcCLB.509443.20	mitochondrial RNA binding protein 1, putative	-0,4377	0,00003007
TcCLB.508665.30	hypothetical protein, conserved	-0,4377	0,00008603
TcCLB.511511.6	zinc finger protein ZFP1	-0,4379	0,3224
TcCLB.510225.30	hypothetical protein, conserved	-0,4383	0,000431
TcCLB.511301.60	hypothetical protein, conserved	-0,4383	0,0006568
TcCLB.510265.20	26S protease regulatory subunit, putative	-0,4384	0,00000585
TcCLB.504167.14	hypothetical protein	-0,4384	0,005895
TcCLB.503579.40	hypothetical protein, conserved	-0,4384	0,006309
TcCLB.504741.60	transcription initiation protein, putative	-0,4386	0,00003038
TcCLB.506661.80	hypothetical protein, conserved	-0,4387	0,001146
TcCLB.505957.20	dispersed gene family protein 1 (DGF-1, pseudogene), puta	-0,4388	0,02967
TcCLB.509229.130	hypothetical protein, conserved	-0,4391	0,00301
TcCLB.511367.260	Peptidase C19, ubiquitin carboxyl-terminal hydrolase, puta	-0,4392	9,089E-06
TcCLB.510657.100	hypothetical protein, conserved	-0,4393	0,00001748
TcCLB.503847.90	ABC1 protein, putative	-0,4395	0,0000767
TcCLB.510197.110	dispersed gene family protein 1 (DGF-1), putative	-0,4395	0,04013
TcCLB.506583.60	Elongation factor G1, mitochondrial, putative (EF-G1)	-0,4396	4,874E-08
TcCLB.507527.30	DNA replication licensing factor MCM6, putative	-0,4396	0,0002108

TcCLB.509017.30	vacuolar ATP synthase subunit d	-0,4396	0,0009218
TcCLB.506113.50	ATP-dependent DEAD/H RNA helicase (pseudogene), putat	-0,4396	0,1661
TcCLB.509161.130	ATP-dependent DEAD/H RNA helicase, putative	-0,4397	1,649E-06
TcCLB.509965.40	ubiquitin hydrolase, putative	-0,4399	0,0002112
TcCLB.510431.320	hypothetical protein, conserved	-0,4399	0,0002577
TcCLB.508153.1090	hypothetical protein, conserved	-0,4399	0,0003897
TcCLB.511181.30	Iron-sulfur assembly protein 2, putative (Isa2)	-0,44	0,05401
TcCLB.504039.160	mucin-associated surface protein (MASP), putative	-0,44	0,4701
TcCLB.511445.120	hypothetical protein, conserved	-0,4401	0,001107
TcCLB.510329.220	hypothetical protein, conserved	-0,4404	0,0002023
TcCLB.506833.20	hypothetical protein, conserved	-0,4404	0,01957
TcCLB.511277.440	tubulin tyrosine ligase protein, putative	-0,4405	0,003197
TcCLB.504839.36	hypothetical protein, conserved	-0,4407	0,01364
TcCLB.509571.30	hypothetical protein, conserved	-0,4408	4,086E-06
TcCLB.506919.20	trans-sialidase (pseudogene), putative	-0,4408	0,44
TcCLB.507609.80	hypothetical protein, conserved	-0,4409	0,02071
TcCLB.508405.80	cysteine peptidase, Clan CD, family C50, putative	-0,441	0,0001555
TcCLB.508461.460	hypothetical protein, conserved	-0,441	0,0009066
TcCLB.510687.80	hypothetical protein, conserved	-0,441	0,001479
TcCLB.511577.140	hypothetical protein, conserved	-0,441	0,004245
TcCLB.504201.30	trans-sialidase, Group V, putative	-0,4412	0,2072
TcCLB.511019.47	N-acetyltransferase complex ARD1 subunit (pseudogene),	-0,4413	0,1099
TcCLB.504643.20	hypothetical protein, conserved	-0,4415	0,006405
TcCLB.504115.100	dispersed gene family protein 1 (DGF-1), putative	-0,4415	0,01025
TcCLB.511907.330	retrotransposon hot spot (RHS) protein, putative	-0,4416	0,000239
TcCLB.511355.20	hypothetical protein, conserved	-0,4416	0,0009319
TcCLB.504157.30	hypothetical protein, conserved	-0,4416	0,01919
TcCLB.510839.20	hypothetical protein	-0,4418	0,0005376
TcCLB.508153.250	hypothetical protein	-0,4419	0,0138
TcCLB.508715.10	oxidoreductase, putative (fragment)	-0,442	0,009751
TcCLB.510073.70	CCR4-NOT transcription complex subunit 2, putative	-0,4422	0,0000716
TcCLB.508411.60	hypothetical protein, conserved	-0,4422	0,001092
TcCLB.507801.19	dynein heavy chain, putative	-0,4423	0,0004132
TcCLB.511389.90	hypothetical protein, conserved	-0,4423	0,001543
TcCLB.510359.100	hypothetical protein, conserved	-0,4425	0,02112
TcCLB.508153.390	hypothetical protein, conserved	-0,4426	0,0002243
TcCLB.509683.24	DNA-directed RNA polymerase I subunit, putative	-0,4427	0,008654
TcCLB.506567.74	hypothetical protein, conserved	-0,4427	0,02408
TcCLB.506425.70	hypothetical protein, conserved	-0,4428	0,00003187
TcCLB.511513.30	hypothetical protein, conserved	-0,4429	1,499E-07
TcCLB.506627.60	ADP-ribosylation factor, putative	-0,4429	0,00348
TcCLB.510279.30	hypothetical protein	-0,4429	0,4685
TcCLB.510533.110	hypothetical protein, conserved	-0,443	0,0003077
TcCLB.506755.190	hypothetical protein, conserved	-0,4432	0,0003637
TcCLB.507077.40	hypothetical protein, conserved	-0,4432	0,002331

TcCLB.508217.9	dynein heavy chain, putative	-0,4432	0,003189
TcCLB.511229.70	hypothetical protein, conserved	-0,4432	0,009665
TcCLB.505943.20	oxidoreductase, putative	-0,4433	0,006088
TcCLB.507143.30	hypothetical protein	-0,4434	7,321E-09
TcCLB.511587.111	N-acetyltransferase complex ARD1 subunit (pseudogene),	-0,4434	0,1608
TcCLB.508873.390	trans-sialidase, Group V, putative	-0,4435	0,1677
TcCLB.507089.230	hypothetical protein, conserved	-0,4436	0,00003696
TcCLB.503653.90	hypothetical protein, conserved	-0,4436	0,001619
TcCLB.503969.10	tubulin delta chain (TUBD1)	-0,4436	0,005739
TcCLB.510819.60	ATP-dependent protease ATPase subunit HslU1, putative (I	-0,4439	3,996E-07
TcCLB.511037.30	hypothetical protein, conserved	-0,4439	0,00000227
TcCLB.508643.30	DnaJ chaperone protein, putative	-0,4439	0,007106
TcCLB.510543.30	trans-sialidase (pseudogene), putative	-0,444	0,1955
TcCLB.469785.10	hypothetical protein, conserved	-0,4441	0,000108
TcCLB.507541.20	hypothetical protein, conserved	-0,4441	0,0001994
TcCLB.507951.260	aspartic peptidase, clan AD, family A22B, putative	-0,4442	3,743E-06
TcCLB.504109.80	Intraflagellar transport protein 144, putative (PIFTF6)	-0,4444	4,435E-06
TcCLB.506605.190	hypothetical protein, conserved	-0,4444	0,001128
TcCLB.511429.10	transmembrane protein, conserved (fragment)	-0,4445	3,117E-06
TcCLB.506173.10	hypothetical protein, conserved	-0,4446	0,01471
TcCLB.511019.54	ATP-dependent DEAD/H RNA helicase (pseudogene), putat	-0,4446	0,2565
TcCLB.507015.30	trans-sialidase (pseudogene), putative	-0,4447	0,007548
TcCLB.511419.4	hypothetical protein, conserved (fragment)	-0,4447	0,09834
TcCLB.510819.20	hypothetical protein, conserved	-0,4448	0,01141
TcCLB.504217.4	hypothetical protein, conserved (fragment)	-0,4448	0,02766
TcCLB.511847.70	hypothetical protein, conserved	-0,4449	0,001829
TcCLB.506181.80	hypothetical protein, conserved	-0,4449	0,01848
TcCLB.511211.130	receptor for activated C kinase 1, putative	-0,445	6,099E-08
TcCLB.510421.330	hypothetical protein, conserved (fragment)	-0,445	9,827E-07
TcCLB.510895.20	hypothetical protein, conserved	-0,445	0,0006705
TcCLB.510173.80	hypothetical protein	-0,4451	0,008705
TcCLB.510659.44	cysteine desulfurase, putative	-0,4452	0,0002701
TcCLB.504185.20	hypothetical protein, conserved	-0,4452	0,0008967
TcCLB.506947.80	arginine N-methyltransferase, type I (PRMT6)	-0,4454	0,01216
TcCLB.510483.60	trans-sialidase, Group V, putative	-0,4456	0,2025
TcCLB.510735.50	hypothetical protein, conserved	-0,4457	0,0001448
TcCLB.510657.140	hypothetical protein, conserved	-0,4457	0,001182
TcCLB.503515.14	ubiquitin-conjugating enzyme E2, putative	-0,4459	0,004146
TcCLB.510013.180	hypothetical protein	-0,446	0,3626
TcCLB.476733.10	hypothetical protein, conserved	-0,4461	0,00001606
TcCLB.507017.10	hypothetical protein, conserved	-0,4462	9,542E-06
TcCLB.510339.74	mitochondrial carrier protein, putative	-0,4462	0,0001266
TcCLB.510737.79	60S ribosomal subunit protein L31, putative	-0,4462	0,2636
TcCLB.506249.60	40S ribosomal protein S8, putative	-0,4463	0,00003012
TcCLB.510943.100	acetyltransferase, putative	-0,4463	0,005923

TcCLB.508479.120	pumilio/PUF RNA binding protein 8, putative (PUF8)	-0,4464	5,972E-08
TcCLB.511421.20	Non cytoplasmic domain containing protein, conserved	-0,4465	0,0002591
TcCLB.509911.4	hypothetical protein, conserved	-0,4465	0,01988
TcCLB.508755.20	dispersed gene family protein 1 (DGF-1, pseudogene), putative	-0,4466	0,1548
TcCLB.509229.20	hypothetical protein, conserved	-0,4468	2,256E-06
TcCLB.509911.60	hypothetical protein	-0,4468	0,00001386
TcCLB.504041.4	RNA polymerase I	-0,4468	0,03124
TcCLB.506305.20	hypothetical protein, conserved	-0,4471	0,0007924
TcCLB.508207.64	hypothetical protein, conserved	-0,4471	0,001805
TcCLB.510275.306	mucin-associated surface protein (MASP, pseudogene), putative	-0,4472	0,1067
TcCLB.510089.70	hypothetical protein	-0,4473	0,05109
TcCLB.506303.30	hypothetical protein, conserved	-0,4474	0,005382
TcCLB.511471.60	protein kinase, putative	-0,4476	0,2143
TcCLB.463155.40	glycine dehydrogenase [decarboxylating] (pseudogene), putative	-0,4477	0,002078
TcCLB.511509.10	hypothetical protein, conserved	-0,4477	0,007082
TcCLB.506599.150	mucin-associated surface protein (MASP), putative	-0,4478	0,1814
TcCLB.511283.124	mitochondrial carrier protein, putative	-0,448	0,0002774
TcCLB.506519.110	hypothetical protein, conserved	-0,4481	0,000298
TcCLB.511003.221	cleavage and polyadenylation specificity factor, putative (fragment)	-0,4482	0,00006969
TcCLB.510597.30	hypothetical protein, conserved	-0,4483	3,913E-06
TcCLB.447255.20	Sir2-related protein 3, putative (SIR2rp3)	-0,4483	0,004834
TcCLB.510275.160	trans-sialidase (pseudogene), putative	-0,4483	0,2123
TcCLB.508207.80	Mini-chromosome maintenance complex-binding protein (MCM2), putative	-0,4484	0,000549
TcCLB.507257.10	hypothetical protein, conserved	-0,4484	0,007288
TcCLB.504213.120	proteasome alpha 3 subunit, putative	-0,4485	3,049E-06
TcCLB.504117.20	sedoheptulose-1,7-bisphosphatase, putative	-0,4486	0,01416
TcCLB.511193.9	dispersed gene family protein 1 (DGF-1, pseudogene), putative	-0,4486	0,03788
TcCLB.506499.160	mucin-associated surface protein (MASP), putative	-0,4487	0,1492
TcCLB.507641.40	hypothetical protein, conserved	-0,4488	2,109E-08
TcCLB.507395.30	hypothetical protein	-0,4488	0,03957
TcCLB.503891.40	hypothetical protein, conserved	-0,4489	0,00009888
TcCLB.508641.300	hypothetical protein	-0,4489	0,0002605
TcCLB.510901.140	hypothetical protein, conserved	-0,4489	0,002508
TcCLB.509965.170	hypothetical protein, conserved	-0,449	0,00005464
TcCLB.506841.12	hypothetical protein, conserved	-0,449	0,002612
TcCLB.506957.46	hypothetical protein, conserved	-0,4491	0,003671
TcCLB.503897.30	hypothetical protein, conserved	-0,4492	0,0005302
TcCLB.508059.24	hypothetical protein, conserved	-0,4494	0,0003547
TcCLB.508153.880	hypothetical protein, conserved	-0,4495	0,00003043
TcCLB.511859.180	proteasome regulatory ATPase subunit 2, putative	-0,4496	2,172E-06
TcCLB.503643.6	hypothetical protein, conserved	-0,4497	0,0005296
TcCLB.506337.40	glycosyl transferase-like protein, putative	-0,4497	0,007827
TcCLB.442495.19	KU70 protein, putative (fragment)	-0,4497	0,04626
TcCLB.508725.4	hypothetical protein, conserved	-0,4498	0,003912
TcCLB.504033.210	hypothetical protein, conserved	-0,4498	0,04561

TcCLB.506945.50	hypothetical protein, conserved	-0,4502	0,00004905
TcCLB.510099.10	hypothetical protein, conserved	-0,4502	0,0005934
TcCLB.511317.40	hypothetical protein, conserved	-0,4502	0,0006803
TcCLB.510431.280	RNA editing complex protein MP46, putative	-0,4502	0,001765
TcCLB.506479.20	hypothetical protein, conserved	-0,4505	0,001868
TcCLB.506657.10	hypothetical protein, conserved	-0,4506	0,04766
TcCLB.509065.79	hypothetical protein, conserved	-0,4507	0,0005693
TcCLB.506195.80	adenylate kinase, putative	-0,4507	0,005592
TcCLB.511045.20	hypothetical protein, conserved	-0,4507	0,01403
TcCLB.510237.21	hypothetical protein, conserved (pseudogene)	-0,4508	0,1392
TcCLB.506321.260	hypothetical protein, conserved	-0,4509	0,01519
TcCLB.508817.10	hypothetical protein, conserved	-0,451	0,02115
TcCLB.510329.140	hypothetical protein, conserved	-0,4512	1,858E-09
TcCLB.505937.70	trans-sialidase (pseudogene), putative	-0,4512	0,05605
TcCLB.507943.40	histone H4, putative	-0,4513	3,595E-08
TcCLB.508169.60	dolicholphosphate-mannose synthase, putative (DPMS)	-0,4513	0,001109
TcCLB.511555.50	hypothetical protein, conserved	-0,4514	0,002344
TcCLB.506975.70	hypothetical protein	-0,4514	0,04715
TcCLB.506509.60	hypothetical protein, conserved	-0,4515	0,02528
TcCLB.503593.40	hypothetical protein	-0,4517	0,00005928
TcCLB.507997.40	hypothetical protein, conserved	-0,4517	0,001145
TcCLB.508321.50	hypothetical protein, conserved	-0,4518	6,468E-07
TcCLB.510121.160	DNA topoisomerase IA, putative	-0,4518	1,034E-06
TcCLB.508881.130	hypothetical protein, conserved	-0,4518	0,003356
TcCLB.405165.10	hypothetical protein, conserved	-0,4519	0,01474
TcCLB.508387.50	bilobe protein, conserved	-0,452	0,00008627
TcCLB.510377.350	mucin-associated surface protein (MASP), putative	-0,452	0,1783
TcCLB.508165.420	mucin-associated surface protein (MASP), putative	-0,4524	0,03045
TcCLB.510295.20	MP24, putative	-0,4524	0,03289
TcCLB.508777.140	palmitoyl acyltransferase 5, putative	-0,4525	0,00008872
TcCLB.511027.29	hypothetical protein, conserved (pseudogene)	-0,4525	0,003006
TcCLB.509179.50	hypothetical protein	-0,4526	0,002833
TcCLB.506495.6	hypothetical protein, conserved	-0,4526	0,005498
TcCLB.506529.541	hypothetical protein	-0,4526	0,0487
TcCLB.510131.60	hypothetical protein	-0,4527	0,001956
TcCLB.508939.60	hypothetical protein	-0,4527	0,02473
TcCLB.506975.66	hypothetical protein, conserved	-0,453	0,00002195
TcCLB.503787.65	hypothetical protein (pseudogene)	-0,4531	0,3249
TcCLB.504045.114	hypothetical protein, conserved	-0,4532	0,03914
TcCLB.507081.70	hypothetical protein, conserved	-0,4533	0,0000472
TcCLB.507017.104	hypothetical protein	-0,4533	0,01006
TcCLB.510173.60	intraflagellar transport protein 122B, putative (IFT122B)	-0,4535	2,256E-06
TcCLB.507511.20	hypothetical protein, conserved	-0,4535	0,00004498
TcCLB.507159.20	hypothetical protein, conserved	-0,4535	0,002033
TcCLB.510963.30	mRNA capping methyltransferase, putative	-0,4535	0,005187

TcCLB.511875.40	surface protease GP63 (pseudogene), putative	-0,4536	0,005286
TcCLB.511731.35	hypothetical protein, conserved	-0,4537	0,004023
TcCLB.508269.70	hypothetical protein, conserved	-0,4537	0,06119
TcCLB.510031.50	ATP-dependent RNA helicase, putative	-0,4538	0,001469
TcCLB.509029.10	serine/threonine protein phosphatase, putative	-0,4539	0,001089
TcCLB.506811.10	kinesin, putative	-0,454	0,0001277
TcCLB.507071.10	trans-sialidase, Group V, putative	-0,454	0,1578
TcCLB.510409.50	hypothetical protein, conserved	-0,4542	0,00131
TcCLB.510089.120	hypothetical protein, conserved	-0,4542	0,002525
TcCLB.504213.20	hypothetical protein, conserved	-0,4543	1,476E-06
TcCLB.467287.20	hypothetical protein, conserved	-0,4543	0,1984
TcCLB.509875.20	dispersed gene family protein 1 (DGF-1), putative	-0,4544	0,03766
TcCLB.506511.10	hypothetical protein, conserved	-0,4545	0,03561
TcCLB.408345.10	hypothetical protein, conserved	-0,4546	0,08102
TcCLB.511217.110	hypothetical protein, conserved	-0,4547	5,847E-06
TcCLB.504179.69	phosphoprotein lepp12, putative	-0,4547	0,003338
TcCLB.510025.200	syntaxin binding protein (pseudogene), putative	-0,4547	0,249
TcCLB.508231.30	target of rapamycin (TOR) kinase 1, putative (TOR1)	-0,4548	1,444E-13
TcCLB.506329.79	mucin-associated surface protein (MASP, pseudogene), pu	-0,4549	0,4932
TcCLB.508409.40	Putative intraflagellar transport protein B2 (PIFTB2)	-0,4553	5,613E-06
TcCLB.509161.34	hypothetical protein, conserved	-0,4553	0,0005388
TcCLB.511183.460	dispersed gene family protein 1 (DGF-1), putative	-0,4554	0,06682
TcCLB.506331.64	hypothetical protein	-0,4554	0,1342
TcCLB.506211.130	hypothetical protein, conserved	-0,4555	0,00005699
TcCLB.511611.40	hypothetical protein	-0,4555	0,3298
TcCLB.508723.120	hypothetical protein, conserved	-0,4556	0,004449
TcCLB.507009.100	cyclophilin, putative	-0,4557	0,005323
TcCLB.509167.170	hypothetical protein, conserved	-0,4557	0,008068
TcCLB.511127.5	RNA helicase, putative	-0,4559	0,1663
TcCLB.510299.30	hypothetical protein, conserved	-0,4561	0,001921
TcCLB.503453.60	GTP-ase activating protein, putative	-0,4561	0,004652
TcCLB.503939.100	hypothetical protein, conserved	-0,4562	0,0000013
TcCLB.508549.30	target of rapamycin (TOR) kinase 1, putative	-0,4562	0,0006435
TcCLB.511797.215	hypothetical protein, conserved (pseudogene)	-0,4562	0,08747
TcCLB.506945.30	CAS/CSE/importin domain protein, putative	-0,4563	1,021E-06
TcCLB.507521.90	hypothetical protein, conserved	-0,4564	0,01682
TcCLB.507485.150	amastin, putative	-0,4566	0,00001956
TcCLB.504867.10	hypothetical protein, conserved	-0,4566	0,002342
TcCLB.509771.10	trans-sialidase, Group II, putative	-0,4566	0,3956
TcCLB.509099.120	hypothetical protein, conserved	-0,4567	0,004283
TcCLB.507605.13	mucin-associated surface protein (MASP), putative (fragm	-0,4567	0,5289
TcCLB.508153.1050	hypothetical protein, conserved	-0,4568	3,51E-09
TcCLB.505229.5	hypothetical protein, conserved (fragment)	-0,4569	0,001845
TcCLB.510121.190	hypothetical protein, conserved	-0,4569	0,009171
TcCLB.504431.40	hypothetical protein, conserved	-0,457	0,0005363

TcCLB.508741.280	ubiquitin-conjugating enzyme E2, putative	-0,457	0,001157
TcCLB.506691.64	cytochrome c oxidase copper chaperone, putative	-0,4571	0,03804
TcCLB.510355.260	hypothetical protein, conserved	-0,4572	0,05885
TcCLB.507007.99	mitochondrial carrier protein (pseudogene), putative	-0,4573	0,0002849
TcCLB.509205.90	surface protease GP63 (pseudogene), putative	-0,4576	0,02794
TcCLB.504069.90	centromere/microtubule binding protein cbf5, putative	-0,4577	8,846E-06
TcCLB.508441.80	Mitochondrial-processing peptidase subunit alpha (MPPA)	-0,4578	1,667E-07
TcCLB.511587.33	hypothetical protein	-0,4578	0,07757
TcCLB.508909.270	hypothetical protein, conserved	-0,4579	0,00002113
TcCLB.509287.20	protein kinase, putative	-0,4579	0,0001835
TcCLB.506227.240	hypothetical protein, conserved	-0,458	1,044E-06
TcCLB.506241.90	hypothetical protein, conserved	-0,458	0,0003723
TcCLB.511725.90	hypothetical protein, conserved	-0,458	0,00109
TcCLB.506559.4	hypothetical protein, conserved (fragment)	-0,458	0,001719
TcCLB.509657.20	dispersed gene family protein 1 (DGF-1), putative	-0,458	0,01996
TcCLB.507185.40	trans-sialidase (pseudogene), putative	-0,458	0,145
TcCLB.506517.140	hypothetical protein, conserved	-0,4581	0,000175
TcCLB.508347.140	hypothetical protein, conserved	-0,4581	0,0001764
TcCLB.506515.20	O-sialoglycoprotein endopeptidase, putative	-0,4581	0,0007192
TcCLB.508235.10	hypothetical protein, conserved (pseudogene)	-0,4582	0,0019
TcCLB.511229.20	oxidoreductase, putative	-0,4582	0,01365
TcCLB.509163.6	hypothetical protein	-0,4583	0,4566
TcCLB.511731.30	serine/threonine protein phosphatase, putative	-0,4589	0,0001404
TcCLB.506977.10	dual specificity protein phosphatase, putative	-0,459	0,004617
TcCLB.508903.90	dispersed gene family protein 1 (DGF-1, pseudogene), putative	-0,4592	0,0109
TcCLB.506717.20	receptor-type adenylate cyclase, putative	-0,4594	0,00003136
TcCLB.511847.50	hypothetical protein, conserved	-0,4597	0,00003738
TcCLB.511245.20	hypothetical protein, conserved	-0,4598	0,00836
TcCLB.507023.200	queuine tRNA-ribosyltransferase, putative	-0,4599	0,000163
TcCLB.508783.10	hypothetical protein, conserved (pseudogene)	-0,4599	0,0001992
TcCLB.509967.7	hypothetical protein, conserved	-0,4599	0,06356
TcCLB.503827.100	trans-sialidase, Group VI, putative	-0,4599	0,2824
TcCLB.509789.50	rab-like GTPase activating protein, putative	-0,46	0,0002084
TcCLB.508307.44	hypothetical protein, conserved	-0,4601	0,00005911
TcCLB.509795.70	hypothetical protein, conserved	-0,4602	0,00005237
TcCLB.506739.10	Eukaryotic translation initiation factor 4 gamma type 1, putative	-0,4603	0,00009477
TcCLB.503919.20	hypothetical protein, conserved	-0,4603	0,036
TcCLB.503875.40	hypothetical protein	-0,4603	0,2615
TcCLB.508139.250	trans-sialidase, Group II, putative	-0,4604	0,002363
TcCLB.449759.9	hypothetical protein, conserved	-0,4604	0,0109
TcCLB.511459.70	hypothetical protein, conserved	-0,4604	0,2285
TcCLB.508243.60	mucin TcMUCII, putative	-0,4605	0,3503
TcCLB.508247.80	mucin-associated surface protein (MASP), putative	-0,4606	0,3713
TcCLB.510835.10	hypothetical protein, conserved	-0,4608	0,1436
TcCLB.510089.200	hypothetical protein, conserved	-0,4609	0,00000319

TcCLB.504109.60	hypothetical protein, conserved	-0,4609	0,00001096
TcCLB.509837.40	histone H1, putative	-0,4609	0,02573
TcCLB.510687.90	hypothetical protein, conserved	-0,461	0,0002905
TcCLB.511667.50	mucin-associated surface protein (MASP), putative	-0,4611	0,08432
TcCLB.508711.40	mitochondrial RNA binding protein, putative	-0,4614	4,636E-06
TcCLB.508871.110	trans-sialidase, Group V, putative	-0,4614	0,1963
TcCLB.511437.20	expression site-associated gene (ESAG-like) protein, putative	-0,4614	0,2126
TcCLB.511727.110	hypothetical protein, conserved	-0,4615	0,0003203
TcCLB.506735.40	hypothetical protein	-0,4617	0,00117
TcCLB.509793.69	hypothetical protein, conserved	-0,4618	6,826E-06
TcCLB.508895.50	RNA-binding protein, putative	-0,462	0,00002458
TcCLB.504105.10	hypothetical protein, conserved	-0,4621	0,002367
TcCLB.508219.10	mucin-associated surface protein (MASP, pseudogene), putative	-0,4621	0,3067
TcCLB.507027.59	pre-mRNA cleavage complex II Clp1 protein, putative	-0,4622	0,001175
TcCLB.511589.209	hypothetical protein, conserved	-0,4622	0,0749
TcCLB.503619.20	hypothetical protein, conserved	-0,4623	0,0004353
TcCLB.507629.39	hypothetical protein, conserved (fragment)	-0,4624	9,993E-08
TcCLB.507993.30	hypothetical protein, conserved	-0,4624	0,000174
TcCLB.504219.70	mucin TcMUC, putative (fragment)	-0,4624	0,1364
TcCLB.508347.10	hypothetical protein, conserved	-0,4625	0,00004312
TcCLB.510955.4	lipase-like protein, putative	-0,4625	0,0003161
TcCLB.511151.60	hypothetical protein	-0,4626	0,0005003
TcCLB.503997.10	hypothetical protein, conserved	-0,4626	0,005004
TcCLB.509695.150	kinesin, putative	-0,4627	6,129E-13
TcCLB.511173.250	mucin-associated surface protein (MASP, pseudogene), putative	-0,4627	0,1129
TcCLB.508525.20	hypothetical protein, conserved	-0,4631	3,592E-07
TcCLB.511907.260	cell division cycle protein 20, putative (CDC20)	-0,4634	8,169E-08
TcCLB.508637.110	nucleotide-binding protein, putative	-0,4634	0,002071
TcCLB.511293.60	kinesin, putative	-0,4635	1,039E-06
TcCLB.506355.160	hypothetical protein, conserved	-0,4635	0,0003849
TcCLB.510979.50	mucin-associated surface protein (MASP), putative	-0,4635	0,03739
TcCLB.506319.50	hypothetical protein, conserved	-0,4637	0,0000852
TcCLB.509795.89	phosphoprotein lepp12, putative	-0,4637	0,001829
TcCLB.508249.10	dispersed gene family protein 1 (DGF-1), putative	-0,4637	0,04166
TcCLB.506529.660	hypothetical protein, conserved	-0,4638	0,01036
TcCLB.509897.20	trans-sialidase, Group V, putative	-0,4638	0,07538
TcCLB.511119.10	dispersed gene family protein 1 (DGF-1), putative (fragment)	-0,4638	0,1173
TcCLB.509819.10	hypothetical protein, conserved	-0,4639	0,0001267
TcCLB.509127.40	hypothetical protein, conserved	-0,4639	0,0006142
TcCLB.510891.40	trans-sialidase (pseudogene), putative	-0,4639	0,0052
TcCLB.511865.30	hypothetical protein, conserved	-0,4639	0,005992
TcCLB.510713.30	trans-sialidase, Group VII, putative	-0,464	0,09151
TcCLB.509775.49	ribosomal protein L2, putative	-0,4641	0,0725
TcCLB.508435.40	mucin-associated surface protein (MASP, pseudogene), putative	-0,4641	0,204
TcCLB.510105.140	hypothetical protein, conserved (pseudogene)	-0,4642	0,0007723



TcCLB.510879.200	hypothetical protein, conserved	-0,4643	0,004174
TcCLB.506337.120	hypothetical protein, conserved	-0,4643	0,007935
TcCLB.508163.70	dispersed gene family protein 1 (DGF-1), putative	-0,4643	0,09944
TcCLB.508355.320	arginyl-tRNA synthetase, putative	-0,4645	1,047E-07
TcCLB.511287.110	hypothetical protein, conserved	-0,4645	1,137E-07
TcCLB.506409.255	surface protease GP63, putative	-0,4645	0,5861
TcCLB.508219.20	trans-sialidase, Group V, putative	-0,4646	0,1763
TcCLB.511491.30	hypothetical protein, conserved	-0,4648	0,0002042
TcCLB.510769.70	hypothetical protein	-0,4648	0,00037
TcCLB.509265.50	hypothetical protein, conserved (pseudogene)	-0,4648	0,002016
TcCLB.509023.30	hypothetical protein	-0,4649	0,01275
TcCLB.511523.90	hypothetical protein, conserved	-0,465	0,0000129
TcCLB.468041.10	hypothetical protein	-0,465	0,0269
TcCLB.507093.75	B9 domain-containing protein 2 (b9d2)	-0,4653	0,007627
TcCLB.511277.20	DNA-directed RNA polymerase II/III subunit, putative	-0,4654	0,001499
TcCLB.510915.21	surface protease GP63 (pseudogene), putative	-0,4655	0,06831
TcCLB.510693.310	syntaxin binding protein (pseudogene), putative	-0,4655	0,2898
TcCLB.508269.73	ATP-dependent DEAD/H RNA helicase (pseudogene), putat	-0,4656	0,03653
TcCLB.507395.40	hypothetical protein	-0,4656	0,509
TcCLB.511713.30	hypothetical protein, conserved	-0,4657	0,002615
TcCLB.509589.30	Kinesin-13 5, putative (KIN13-5)	-0,4661	0,00000082
TcCLB.509105.80	hypothetical protein, conserved	-0,4661	0,001959
TcCLB.506245.140	trans-sialidase (pseudogene), putative	-0,4661	0,5118
TcCLB.508741.100	hypothetical protein, conserved	-0,4662	0,00005502
TcCLB.507023.160	hypothetical protein, conserved	-0,4663	3,257E-09
TcCLB.503809.50	hypothetical protein, conserved	-0,4663	0,009562
TcCLB.507099.40	hypothetical protein, conserved	-0,4664	2,638E-12
TcCLB.506925.130	eukaryotic initiation factor 5a, putative	-0,4665	0,0004509
TcCLB.506213.120	ATP-dependent RNA helicase, putative	-0,4666	0,0005454
TcCLB.511491.140	hypothetical protein, conserved	-0,4667	0,00001766
TcCLB.503527.50	hypothetical protein, conserved	-0,4668	0,003929
TcCLB.507715.90	hypothetical protein, conserved	-0,4669	0,00000141
TcCLB.506553.40	ATP-dependent RNA helicase (pseudogene), putative	-0,4669	0,00003901
TcCLB.508951.60	hypothetical protein, conserved	-0,4669	0,0008403
TcCLB.507445.30	trans-sialidase (pseudogene), putative	-0,467	0,02188
TcCLB.506369.40	hypothetical protein, conserved	-0,4671	2,723E-06
TcCLB.509395.120	histone deacetylase, putative	-0,4671	7,196E-06
TcCLB.509671.120	rRNA processing protein, putative	-0,4672	0,0006942
TcCLB.511367.100	hypothetical protein, conserved	-0,4672	0,001366
TcCLB.507035.130	hypothetical protein, conserved	-0,4673	8,872E-06
TcCLB.504179.80	hypothetical protein, conserved	-0,4674	0,00004301
TcCLB.509561.100	hypothetical protein, conserved	-0,4675	0,00001006
TcCLB.506613.150	trans-sialidase (pseudogene), putative	-0,4675	0,1851
TcCLB.508127.5	hypothetical protein, conserved	-0,4676	0,04225
TcCLB.509179.110	hypothetical protein, conserved	-0,4677	0,00005875

TcCLB.508177.40	hypothetical protein, conserved	-0,4678	2,621E-07
TcCLB.508693.20	DNA topoisomerase IB, large subunit	-0,4681	4,435E-06
TcCLB.510119.50	hypothetical protein, conserved	-0,4683	0,0001747
TcCLB.504867.40	acetyltransferase, putative	-0,4684	0,001368
TcCLB.509735.60	trans-sialidase (pseudogene), putative	-0,4684	0,02789
TcCLB.511153.140	proteasome beta 3 subunit, putative	-0,4685	0,001524
TcCLB.511289.100	hypothetical protein, conserved	-0,4686	2,366E-07
TcCLB.511429.20	cyclophilin 15, putative	-0,4686	0,0007467
TcCLB.507081.139	hypothetical protein, conserved (fragment)	-0,4687	0,00001952
TcCLB.504163.70	hypothetical protein, conserved	-0,4687	0,000349
TcCLB.509957.10	hypothetical protein	-0,4688	0,1432
TcCLB.507071.120	mucin-associated surface protein (MASP), putative	-0,4688	0,1554
TcCLB.509259.100	ATP-dependent DEAD/H RNA helicase (pseudogene), putat	-0,469	0,1978
TcCLB.510131.50	DNA polymerase kappa, putative	-0,4691	0,001494
TcCLB.508719.50	hypothetical protein, conserved	-0,4691	0,006895
TcCLB.510337.40	spermidine synthase, putative	-0,4692	2,935E-07
TcCLB.511669.20	hypothetical protein	-0,4692	0,1535
TcCLB.510841.20	hypothetical protein, conserved	-0,4694	0,008305
TcCLB.510123.60	hypothetical protein, conserved	-0,4696	0,0003959
TcCLB.506135.20	hypothetical protein, conserved	-0,4698	3,478E-07
TcCLB.511625.60	hypothetical protein, conserved	-0,4698	0,01141
TcCLB.511517.90	hypothetical protein, conserved	-0,4699	0,00008357
TcCLB.504075.3	calmodulin, putative	-0,4699	0,2164
TcCLB.511511.60	phospholipid-translocating P-type ATPase (flippase), putati	-0,47	0,0003818
TcCLB.509657.70	trans-sialidase (pseudogene), putative	-0,4701	0,3227
TcCLB.511511.20	tRNA modification enzyme, putative	-0,4702	0,007696
TcCLB.510431.330	hypothetical protein, conserved	-0,4702	0,008668
TcCLB.504425.50	hypothetical protein, conserved	-0,4702	0,04831
TcCLB.507923.30	vacuolar assembly protein vps41, putative	-0,4703	4,112E-06
TcCLB.510879.100	hypothetical protein	-0,4703	0,001539
TcCLB.506053.20	hypothetical protein, conserved	-0,4703	0,002667
TcCLB.509569.120	RNA-binding protein, putative	-0,4705	9,779E-06
TcCLB.509895.10	mitochondrial RNA binding complex 1 subunit, putative	-0,4706	1,209E-13
TcCLB.509003.79	coatomer beta subunit, putative (fragment)	-0,4707	0,000165
TcCLB.510119.30	hypothetical protein, conserved	-0,4707	0,002982
TcCLB.503973.64	hypothetical protein, conserved (pseudogene)	-0,4707	0,3275
TcCLB.511907.50	lysophospholipase, putative	-0,4708	8,258E-06
TcCLB.509767.44	hypothetical protein, conserved	-0,4708	0,0002133
TcCLB.506211.170	Multiprotein-bridging factor 1, putative (mbf1)	-0,4711	0,00001221
TcCLB.503945.10	eukaryotic translation initiation factor 1A, putative	-0,4711	0,0007189
TcCLB.509069.20	ATP binding protein-like protein, putative	-0,4712	0,001515
TcCLB.509647.100	hypothetical protein, conserved	-0,4713	0,0006515
TcCLB.507723.110	acetyltransferase, putative	-0,4713	0,0008558
TcCLB.506369.30	hypothetical protein, conserved	-0,4713	0,005794
TcCLB.506699.10	hypothetical protein, conserved	-0,4713	0,005808

TcCLB.506915.30	hypothetical protein	-0,4714	1,997E-06
TcCLB.510279.10	trans-sialidase (pseudogene), putative	-0,4715	0,2199
TcCLB.508547.80	hypothetical protein, conserved	-0,4716	2,297E-06
TcCLB.506679.20	hypothetical protein, conserved	-0,4717	0,08663
TcCLB.510199.20	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	-0,4717	0,3212
TcCLB.509939.10	hypothetical protein, conserved	-0,4718	0,0000031
TcCLB.511761.80	hypothetical protein	-0,4718	0,0001544
TcCLB.504433.14	ADP-ribosylation factor-like protein 3A, putative	-0,4718	0,0007429
TcCLB.505939.60	ribonuclease H1, putative	-0,4718	0,003345
TcCLB.509707.25	hypothetical protein, conserved	-0,4718	0,02719
TcCLB.507547.50	hypothetical protein, conserved	-0,4719	0,0001914
TcCLB.508277.230	nucleolar RNA binding protein, putative	-0,472	1,769E-07
TcCLB.505931.50	histone H3, putative	-0,472	0,09911
TcCLB.511541.40	hypothetical protein, conserved	-0,4721	0,00002036
TcCLB.509997.30	tryparedoxin 1, putative (TXN1)	-0,4721	0,0001765
TcCLB.511275.30	actin-related protein 2/3 complex subunit 1, putative (ARP)	-0,4721	0,001223
TcCLB.428999.10	hypothetical protein	-0,4721	0,002661
TcCLB.503829.30	hypothetical protein, conserved	-0,4721	0,005721
TcCLB.511577.83	thioredoxin, putative	-0,4721	0,0201
TcCLB.508479.490	hypothetical protein	-0,4721	0,05284
TcCLB.510275.350	trans-sialidase, Group V, putative	-0,4721	0,1444
TcCLB.511551.10	trans-sialidase, Group II, putative	-0,4721	0,2396
TcCLB.504935.20	hypothetical protein, conserved	-0,4722	0,0008595
TcCLB.503749.10	hypothetical protein, conserved	-0,4723	0,0002836
TcCLB.507823.39	hypothetical protein, conserved	-0,4723	0,02067
TcCLB.510363.260	mucin-associated surface protein (MASP), putative	-0,4723	0,3837
TcCLB.507019.50	hypothetical protein, conserved	-0,4724	0,001415
TcCLB.509693.150	hypothetical protein, conserved	-0,4727	0,0001296
TcCLB.506559.440	hypothetical protein, conserved	-0,4729	1,985E-09
TcCLB.511903.30	ubiquitin-conjugating enzyme E2, putative	-0,4729	0,00004863
TcCLB.508169.120	hypothetical protein, conserved	-0,4729	0,001116
TcCLB.507093.30	hypothetical protein, conserved	-0,473	0,00003351
TcCLB.511111.40	hypothetical protein, conserved	-0,473	0,0005218
TcCLB.511727.50	hypothetical protein, conserved	-0,4731	5,782E-09
TcCLB.508625.10	elongation factor 2, putative	-0,4731	8,04E-07
TcCLB.508979.15	mucin-associated surface protein (MASP, pseudogene), pu	-0,4731	0,4642
TcCLB.509587.10	mitochondrial DNA polymerase I protein D, putative	-0,4732	2,094E-11
TcCLB.510729.70	proteasome alpha 1 subunit, putative	-0,4732	6,344E-07
TcCLB.509525.330	hypothetical protein	-0,4732	0,3351
TcCLB.504033.220	palmitoyl acyltransferase 1, putative	-0,4733	1,347E-06
TcCLB.507103.10	DnaJ chaperone protein, putative	-0,4733	0,0001839
TcCLB.509229.50	hypothetical protein	-0,4733	0,04077
TcCLB.508837.130	hypothetical protein, conserved	-0,4735	0,00007033
TcCLB.435519.19	hypothetical protein, conserved (fragment)	-0,4735	0,0612
TcCLB.509321.10	hypothetical protein, conserved	-0,4736	3,922E-06

TcCLB.509965.30	small nuclear ribonucleoprotein Sm-E, putative	-0,4736	0,03027
TcCLB.510483.360	trans-sialidase, Group VII, putative	-0,4736	0,07956
TcCLB.506181.120	hypothetical protein, conserved	-0,4737	0,03686
TcCLB.511229.80	eukaryotic translation initiation factor 3 subunit 2, putative	-0,4738	1,141E-06
TcCLB.504427.200	poly(A)-specific ribonuclease PARN, putative	-0,4739	8,387E-06
TcCLB.510975.30	hypothetical protein, conserved	-0,474	0,0000648
TcCLB.511865.60	hypothetical protein, conserved	-0,4741	4,272E-06
TcCLB.507297.30	metacaspase, putative	-0,4741	0,0003189
TcCLB.503473.20	hypothetical protein, conserved	-0,4741	0,001708
TcCLB.511245.100	hypothetical protein, conserved	-0,4742	0,0001261
TcCLB.507005.70	Pre-rRNA-processing protein PNO1, putative (PNO1)	-0,4742	0,0004599
TcCLB.505999.100	3-phosphoglycerate kinase, glycosomal (PGKA)	-0,4743	0,00001975
TcCLB.506973.30	mucin-associated surface protein (MASP), putative	-0,4744	0,1903
TcCLB.510629.430	prefoldin subunit, putative	-0,4745	0,00975
TcCLB.506227.120	hypothetical protein, conserved	-0,4747	0,0002258
TcCLB.504157.90	hypothetical protein, conserved	-0,4749	0,0007905
TcCLB.507993.330	mevalonate-diphosphate decarboxylase, putative	-0,475	0,00006094
TcCLB.503973.280	mucin-associated surface protein (MASP), putative	-0,475	0,2007
TcCLB.504071.70	hypothetical protein, conserved	-0,4751	1,357E-08
TcCLB.503425.29	DNA replication licensing factor MCM8, putative	-0,4751	0,001708
TcCLB.508777.130	hypothetical protein, conserved	-0,4752	0,00000461
TcCLB.509145.10	hypothetical protein, conserved	-0,4752	0,00006957
TcCLB.506727.100	enoyl-CoA hydratase/isomerase family protein, putative	-0,4753	0,00004093
TcCLB.511075.54	hypothetical protein, conserved	-0,4753	0,002112
TcCLB.510661.230	hypothetical protein, conserved	-0,4754	7,048E-07
TcCLB.507357.140	hypothetical protein	-0,4754	0,3341
TcCLB.510725.90	hypothetical protein, conserved	-0,4755	0,007583
TcCLB.509885.60	methyltransferase, putative	-0,4756	0,004444
TcCLB.427789.39	hypothetical protein, conserved	-0,4756	0,0097
TcCLB.508221.120	hypothetical protein	-0,4757	0,2317
TcCLB.506883.30	ribosome-interacting GTPase 2, putative	-0,4759	0,00001225
TcCLB.504147.330	hypothetical protein, conserved	-0,476	1,097E-11
TcCLB.510687.94	Unc104-like kinesin, putative	-0,476	0,0001382
TcCLB.508389.174	hypothetical protein, conserved (pseudogene)	-0,4761	0,081
TcCLB.507009.120	DNA repair protein RAD2, putative	-0,4762	0,0002256
TcCLB.510719.50	hypothetical protein, conserved	-0,4762	0,04474
TcCLB.511151.11	hypothetical protein (fragment)	-0,4763	1,951E-07
TcCLB.511001.140	hypothetical protein, conserved	-0,4763	0,0001372
TcCLB.510913.10	dispersed gene family protein 1 (DGF-1), putative (fragme	-0,4763	0,008084
TcCLB.510359.530	trans-sialidase, Group V, putative	-0,4763	0,06633
TcCLB.508989.110	hypothetical protein, conserved	-0,4765	0,00001192
TcCLB.508051.40	hypothetical protein, conserved	-0,4767	0,003281
TcCLB.506275.20	ATP-dependent protease subunit HsIV, putative (HsIV)	-0,4772	0,0001865
TcCLB.509671.160	DNA polymerase epsilon subunit B, putative	-0,4774	0,000239
TcCLB.509319.30	hypothetical protein, conserved	-0,4775	0,00009038

TcCLB.507047.60	hypothetical protein, conserved	-0,4775	0,001031
TcCLB.506799.10	fatty acid transporter protein-like, putative	-0,4776	2,602E-06
TcCLB.504839.44	tryparedoxin peroxidase	-0,4777	1,306E-10
TcCLB.506791.60	hypothetical protein, conserved	-0,4777	3,544E-06
TcCLB.506765.80	mucin TcMUCII, putative	-0,4778	0,4905
TcCLB.507003.24	hypothetical protein, conserved (fragment)	-0,4779	2,935E-09
TcCLB.506525.104	AP-4 complex subunit sigma-1, putative	-0,4779	0,01216
TcCLB.509715.70	folylpolyglutamate synthase, putative (FPGS)	-0,478	0,0008739
TcCLB.506579.70	hypothetical protein, conserved	-0,4782	5,704E-10
TcCLB.506221.90	hypothetical protein, conserved	-0,4783	5,784E-06
TcCLB.509551.10	protein kinase, putative	-0,4783	0,0004822
TcCLB.508781.90	hypothetical protein, conserved	-0,4783	0,009355
TcCLB.506819.10	hypothetical protein, conserved	-0,4783	0,02925
TcCLB.504105.150	importin beta-1 subunit, putative	-0,4784	1,044E-11
TcCLB.504247.34	Transcription elongation factor 1 domain-containing protei	-0,4785	0,001724
TcCLB.506943.69	hypothetical protein, conserved	-0,4786	0,0003383
TcCLB.511867.100	hypothetical protein, conserved	-0,4788	0,0001562
TcCLB.505171.60	hypothetical protein, conserved	-0,4789	2,173E-06
TcCLB.507019.60	hypothetical protein, conserved	-0,4791	3,389E-06
TcCLB.507019.45	hypothetical protein	-0,4791	0,001048
TcCLB.510143.110	hypothetical protein, conserved	-0,4793	0,000363
TcCLB.508365.114	mucin-associated surface protein (MASP, pseudogene), pu	-0,4793	0,08761
TcCLB.506445.100	E2-like ubiquitin-conjugation enzyme, putative (UFC1)	-0,4794	1,225E-07
TcCLB.506905.10	hypothetical protein, conserved	-0,4794	0,005763
TcCLB.511127.390	hypothetical protein, conserved	-0,4795	1,188E-10
TcCLB.506625.50	hypothetical protein	-0,4796	0,187
TcCLB.509967.100	hypothetical protein, conserved (pseudogene)	-0,4797	0,006036
TcCLB.508943.40	hypothetical protein, conserved	-0,4797	0,01913
TcCLB.504109.170	hypothetical protein, conserved	-0,4801	3,371E-07
TcCLB.510007.40	hypothetical protein, conserved	-0,4801	0,0002778
TcCLB.509525.390	mucin-associated surface protein (MASP), putative	-0,4803	0,1075
TcCLB.503583.24	hypothetical protein, conserved	-0,4804	9,17E-09
TcCLB.509693.90	serine/threonine protein kinase, putative	-0,4804	0,00001388
TcCLB.470399.10	cyclophilin, putative (fragment)	-0,4804	0,001715
TcCLB.511189.90	hypothetical protein, conserved	-0,4805	3,624E-06
TcCLB.506567.134	hypothetical protein, conserved	-0,4805	0,0001608
TcCLB.504131.140	hypothetical protein, conserved	-0,4806	1,282E-09
TcCLB.507207.10	hypothetical protein, conserved	-0,4807	0,00002115
TcCLB.510145.20	cofilin/actin depolymerizing factor, putative	-0,4809	2,833E-07
TcCLB.504069.10	proteasome alpha 2 subunit, putative	-0,4809	0,00007602
TcCLB.457339.10	U6 snRNA-associated Sm-like protein LSm4, putative	-0,481	0,01284
TcCLB.414517.9	hypothetical protein, conserved	-0,481	0,01774
TcCLB.511899.50	Trypanosome basal body component protein (fragment) (T	-0,4811	2,244E-06
TcCLB.508409.190	hypothetical protein, conserved	-0,4812	0,01638
TcCLB.509393.40	hypothetical protein	-0,4813	1,009E-06

TcCLB.503435.30	hypothetical protein, conserved	-0,4814	1,068E-06
TcCLB.509745.70	hypothetical protein, conserved	-0,4818	0,00002803
TcCLB.506127.50	hypothetical protein, conserved	-0,4818	0,0001883
TcCLB.508233.10	hypothetical protein, conserved	-0,4818	0,003565
TcCLB.510593.49	kinetoplast DNA-associated protein, putative	-0,4819	1,039E-06
TcCLB.503775.30	syntaxin binding protein (pseudogene), putative	-0,4819	0,0116
TcCLB.506297.300	eukaryotic release factor 3, putative	-0,482	1,456E-09
TcCLB.508475.20	hypothetical protein	-0,482	0,00000129
TcCLB.506863.10	alanyl-tRNA synthetase, putative	-0,4821	4,535E-12
TcCLB.507007.60	hypothetical protein, conserved	-0,4821	0,003327
TcCLB.510551.15	hypothetical protein	-0,4821	0,1588
TcCLB.508175.170	hypothetical protein, conserved	-0,4823	1,991E-06
TcCLB.510693.251	mucin TcMUC (pseudogene), putative	-0,4823	0,2312
TcCLB.511173.40	mucin TcMUCII (pseudogene), putative	-0,4825	0,2805
TcCLB.510181.60	chromatin assembly factor 1 subunit B, putative	-0,4828	7,235E-06
TcCLB.507093.270	guanine nucleotide releasing protein, putative	-0,4828	0,0002636
TcCLB.507091.20	hypothetical protein, conserved	-0,4829	0,00009144
TcCLB.507619.10	hypothetical protein, conserved (fragment)	-0,4829	0,000113
TcCLB.507093.150	hypothetical protein, conserved (pseudogene)	-0,4831	2,383E-06
TcCLB.509287.110	mucin-associated surface protein (MASP), putative	-0,4831	0,03333
TcCLB.508153.730	eukaryotic initiation factor 2a, putative	-0,4833	4,205E-10
TcCLB.507933.10	plectin, putative	-0,4833	9,65E-10
TcCLB.511159.20	origin recognition complex subunit 1 (ORC1), putative	-0,4835	0,005951
TcCLB.508777.100	cyclin 1 (CYC1)	-0,4838	0,0003965
TcCLB.508207.130	hypothetical protein, conserved	-0,484	0,004726
TcCLB.510877.100	hypothetical protein, conserved	-0,4841	0,00003833
TcCLB.508281.9	dispersed gene family protein 1 (DGF-1), putative	-0,4841	0,2249
TcCLB.508401.70	ATP-dependent DEAD/H RNA helicase (pseudogene), putat	-0,4844	0,03222
TcCLB.510275.255	hypothetical protein	-0,4844	0,4812
TcCLB.508741.380	hypothetical protein, conserved	-0,4845	1,732E-10
TcCLB.509007.70	hypothetical protein, conserved	-0,4845	1,343E-06
TcCLB.508881.70	DNA ligase, putative	-0,4846	2,444E-07
TcCLB.509719.60	hypothetical protein	-0,4846	0,01933
TcCLB.510029.80	hypothetical protein, conserved	-0,4847	3,258E-06
TcCLB.508909.320	hypothetical protein	-0,4847	0,00001817
TcCLB.508307.190	hypothetical protein, conserved	-0,4848	0,003799
TcCLB.511559.10	Present in the outer mitochondrial membrane proteome 1	-0,4848	0,3772
TcCLB.506495.30	retrotransposon hot spot protein (RHS, pseudogene), putat	-0,4849	0,01556
TcCLB.509683.110	nucleobase transporter, putative	-0,485	0,0004212
TcCLB.506815.40	mitochondrial RNA binding complex 1 subunit, putative	-0,485	0,004708
TcCLB.508277.380	hypothetical protein, conserved	-0,4851	5,795E-10
TcCLB.509443.48	hypothetical protein, conserved	-0,4851	0,02025
TcCLB.506225.30	hypothetical protein, conserved (pseudogene)	-0,4852	0,1052
TcCLB.505025.90	mucin-associated surface protein (MASP), putative	-0,4852	0,3075
TcCLB.507093.210	myosin heavy chain, putative	-0,4853	1,907E-09

TcCLB.508075.7	hypothetical protein, conserved	-0,4853	0,01193
TcCLB.506367.10	isovaleryl-coA dehydrogenase, putative (fragment)	-0,4855	0,04044
TcCLB.511233.140	trans-sialidase, Group V, putative	-0,4855	0,4774
TcCLB.511741.20	hypothetical protein, conserved	-0,4859	0,0001031
TcCLB.510071.30	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, pu	-0,4859	0,07053
TcCLB.506499.110	mucin TcMUCII (pseudogene), putative	-0,4859	0,3015
TcCLB.509039.10	hypothetical protein, conserved	-0,4861	2,914E-08
TcCLB.510943.23	hypothetical protein, conserved	-0,4862	0,0002525
TcCLB.511545.190	GPI transamidase component Tta1, putative (TTA1)	-0,4862	0,002293
TcCLB.503891.70	ribonuclease HII, putative	-0,4863	0,0002707
TcCLB.509287.5	hypothetical protein, conserved (pseudogene)	-0,4863	0,0616
TcCLB.506501.280	mucin TcMUCII, putative	-0,4863	0,4969
TcCLB.511483.10	hypothetical protein	-0,4864	0,00009154
TcCLB.510693.320	mucin-associated surface protein (MASP), putative	-0,4864	0,1222
TcCLB.508461.370	hypothetical protein, conserved	-0,4865	0,00002463
TcCLB.506887.10	trans-sialidase, putative	-0,4865	0,2887
TcCLB.505983.40	hypothetical protein, conserved	-0,4866	7,294E-10
TcCLB.506327.10	proteasome subunit alpha type-1, putative (fragment) (PSI)	-0,4868	0,001469
TcCLB.507739.80	hypothetical protein, conserved	-0,4869	0,0000302
TcCLB.507029.50	hypothetical protein, conserved	-0,4869	0,04449
TcCLB.511577.150	hypothetical protein, conserved	-0,487	0,00009742
TcCLB.507031.70	hypothetical protein, conserved	-0,487	0,0009438
TcCLB.511907.190	hypothetical protein	-0,4871	2,921E-06
TcCLB.508505.40	hypothetical protein, conserved	-0,4871	0,0000932
TcCLB.508707.140	phosphatidate cytidyltransferase-like protein, putative	-0,4872	0,0005376
TcCLB.507357.10	surface protease GP63, putative	-0,4872	0,21
TcCLB.506679.50	pre-mRNA splicing factor ATP-dependent RNA helicase, pu	-0,4873	2,43E-08
TcCLB.504507.5	trypanothione reductase, putative (fragment)	-0,4873	0,0001484
TcCLB.507943.50	hypothetical protein, conserved	-0,4873	0,009491
TcCLB.507519.167	hypothetical protein	-0,4873	0,037
TcCLB.508461.340	hypothetical protein, conserved	-0,4874	1,042E-08
TcCLB.511773.40	hypothetical protein, conserved	-0,4874	0,1282
TcCLB.507951.15	hypothetical protein, conserved (fragment)	-0,4876	1,41E-07
TcCLB.510121.140	hypothetical protein, conserved	-0,4876	0,00003878
TcCLB.510053.79	FG-GAP repeat protein, putative	-0,4876	0,02059
TcCLB.506127.90	hypothetical protein, conserved	-0,4877	3,938E-11
TcCLB.506533.34	phosphatidylinositol kinase related protein, putative	-0,4877	6,192E-10
TcCLB.508479.340	succinyl-CoA synthetase alpha subunit, putative	-0,4879	7,749E-12
TcCLB.510255.20	hypothetical protein, conserved	-0,4885	0,001826
TcCLB.419417.19	hypothetical protein, conserved	-0,4885	0,02082
TcCLB.509399.130	hypothetical protein, conserved	-0,4886	0,0001255
TcCLB.508559.20	trans-sialidase (pseudogene), putative	-0,4886	0,0002304
TcCLB.507389.60	chaperone DNAJ protein, putative	-0,4886	0,01469
TcCLB.511911.102	hypothetical protein, conserved	-0,4887	0,001679
TcCLB.507929.30	hypothetical protein, conserved	-0,4887	0,01148

TcCLB.508307.80	mitochondrial RNA binding complex 1 subunit, putative	-0,4888	3,309E-06
TcCLB.506681.60	hypothetical protein, conserved	-0,4888	3,465E-06
TcCLB.508541.200	hypothetical protein, conserved	-0,4888	0,00736
TcCLB.503493.20	hypothetical protein, conserved	-0,4889	0,007788
TcCLB.511903.20	hypothetical protein, conserved	-0,4891	0,01243
TcCLB.511753.9	hypothetical protein, conserved	-0,4893	0,01046
TcCLB.510833.40	trans-sialidase (pseudogene), putative	-0,4893	0,07231
TcCLB.508993.20	homocysteine S-methyltransferase, putative	-0,4894	0,0005704
TcCLB.510303.90	hypothetical protein, conserved	-0,4895	0,0007701
TcCLB.511501.30	ABC transporter, putative	-0,4897	0,001284
TcCLB.507017.50	polynucleotide kinase 3'-phosphatase, putative	-0,4898	0,0003626
TcCLB.511589.50	cyclophilin-like protein, putative	-0,4898	0,000462
TcCLB.508325.101	hypothetical protein, conserved	-0,49	0,2217
TcCLB.504131.10	hypothetical protein, conserved (pseudogene)	-0,4902	0,00005285
TcCLB.503693.11	hypothetical protein, conserved (fragment)	-0,4902	0,07837
TcCLB.506811.50	hypothetical protein, conserved	-0,4903	0,2118
TcCLB.508601.130	Elongation factor G 2, mitochondrial, putative (EF-G2)	-0,4905	1,588E-06
TcCLB.511269.70	cysteine peptidase, Clan CA, family C2, putative	-0,4905	0,003451
TcCLB.508479.86	ATP-dependent DEAD/H RNA helicase (pseudogene), putat	-0,4905	0,09211
TcCLB.510257.50	hypothetical protein, conserved	-0,4906	0,003681
TcCLB.508815.4	RNA polymerase I, putative	-0,4907	0,08445
TcCLB.504153.290	hypothetical protein, conserved	-0,4908	0,00003694
TcCLB.506469.139	hypothetical protein, conserved	-0,4908	0,03358
TcCLB.508593.50	hypothetical protein, conserved	-0,491	0,00001838
TcCLB.511269.60	Vacuolar protein sorting-associated protein 16 homolog, pi	-0,491	0,0001699
TcCLB.506367.120	hypothetical protein, conserved	-0,4911	1,539E-07
TcCLB.506459.215	hypothetical protein, conserved (pseudogene)	-0,4911	0,2672
TcCLB.511675.30	retrotransposon hot spot protein (RHS, pseudogene), putat	-0,4912	0,3321
TcCLB.510421.264	hypothetical protein, conserved	-0,4913	0,02175
TcCLB.508401.90	N-acetyltransferase complex ARD1 subunit (pseudogene),	-0,4913	0,05114
TcCLB.508153.940	hypothetical protein, conserved (pseudogene)	-0,4914	1,731E-09
TcCLB.506501.110	mucin-associated surface protein (MASP), putative	-0,4916	0,2567
TcCLB.508231.70	hypothetical protein, conserved	-0,4918	0,0007659
TcCLB.509215.16	GlcNAc-PI synthesis protein (GPI3)	-0,4918	0,00253
TcCLB.503835.5	rac serine threonine protein kinase, putative	-0,4918	0,1372
TcCLB.511289.119	C-terminal motor kinesin, putative (fragment)	-0,4919	0,0008737
TcCLB.503897.100	hypothetical protein, conserved	-0,4921	0,00001031
TcCLB.507959.110	mucin-associated surface protein (MASP), putative	-0,4922	0,2761
TcCLB.511237.20	hypothetical protein, conserved	-0,4923	0,0001069
TcCLB.511725.110	hypothetical protein, conserved	-0,4923	0,006544
TcCLB.511797.220	dispersed gene family protein 1 (DGF-1), putative	-0,4924	0,09642
TcCLB.507639.50	tRNA pseudouridine synthase A, putative	-0,4928	0,0004174
TcCLB.508405.30	Suppressor of G2 allele of SKP1, putative	-0,4928	0,001334
TcCLB.509557.10	hypothetical protein	-0,4929	0,0007501
TcCLB.510143.10	hypothetical protein, conserved	-0,4929	0,003097



TcCLB.511589.230	eukaryotic translation initiation factor 3 subunit 2, putative	-0,493	7,192E-07
TcCLB.503965.10	hypothetical protein, conserved	-0,493	0,001467
TcCLB.503557.20	ankyrin repeat protein, putative	-0,493	0,0185
TcCLB.510799.80	hypothetical protein, conserved	-0,4932	0,00004953
TcCLB.510187.230	formin, putative	-0,4932	0,00005498
TcCLB.508951.10	hypothetical protein, conserved	-0,4932	0,00006359
TcCLB.508357.20	hypothetical protein, conserved	-0,4932	0,01894
TcCLB.421173.14	trans-sialidase, putative	-0,4932	0,409
TcCLB.506457.30	hypoxanthine-guanine phosphoribosyltransferase, putative	-0,4933	0,01571
TcCLB.511353.69	oxidoreductase-protein, putative	-0,4933	0,02815
TcCLB.510719.70	bromodomain-containing protein 3 (BDF3)	-0,4934	0,00006487
TcCLB.511245.90	hypothetical protein, conserved	-0,4934	0,0008462
TcCLB.507895.140	hypothetical protein	-0,4935	2,974E-06
TcCLB.508215.10	hypothetical protein, conserved	-0,4935	0,0001856
TcCLB.507739.90	hypothetical protein, conserved	-0,4937	0,0005774
TcCLB.508693.170	hypothetical protein, conserved	-0,4937	0,001368
TcCLB.511857.30	glycosyl transferase-like protein, putative	-0,4938	0,004394
TcCLB.510317.34	unspecified product	-0,4939	0,09491
TcCLB.508299.50	hypothetical protein, conserved	-0,4941	3,284E-10
TcCLB.511293.90	hypothetical protein, conserved	-0,4941	0,0002083
TcCLB.510609.34	hypothetical protein, conserved	-0,4941	0,0003967
TcCLB.507775.30	hypothetical protein, conserved	-0,4941	0,0006515
TcCLB.511283.230	hypothetical protein, conserved	-0,4942	9,789E-10
TcCLB.503703.70	Mitochondrial SSU ribosomal protein, putative	-0,4942	3,044E-07
TcCLB.510667.60	peptidyl-prolyl cis-trans isomerase (cyclophilin), putative	-0,4942	0,001403
TcCLB.511183.230	trans-sialidase, Group V, putative	-0,4942	0,2175
TcCLB.504215.40	actin-related protein 2/3 complex subunit 1, putative (ARP)	-0,4943	0,0003404
TcCLB.436761.10	hypothetical protein, conserved	-0,4945	0,008627
TcCLB.510187.10	hypothetical protein, conserved	-0,4945	0,1057
TcCLB.504985.10	hypothetical protein	-0,4945	0,1844
TcCLB.510339.70	hypothetical protein, conserved	-0,4946	0,00002073
TcCLB.508739.50	hypothetical protein	-0,4947	0,001287
TcCLB.511633.20	hypothetical protein, conserved	-0,4948	0,0001814
TcCLB.505171.100	hypothetical protein, conserved	-0,4948	0,005591
TcCLB.508583.10	hypothetical protein, conserved	-0,4949	0,00379
TcCLB.505977.40	inositol/phosphatidylinositol phosphatase (pseudogene), p	-0,495	4,886E-10
TcCLB.510609.20	hypothetical protein, conserved	-0,4953	2,801E-06
TcCLB.503425.20	monothiol glutaredoxin, putative	-0,4954	0,00009671
TcCLB.509429.59	hypothetical protein, conserved	-0,4955	1,107E-06
TcCLB.506435.230	hypothetical protein, conserved (pseudogene)	-0,4955	0,001884
TcCLB.511043.10	hypothetical protein, conserved	-0,4956	2,119E-08
TcCLB.509081.80	hypothetical protein, conserved (pseudogene)	-0,4956	0,2543
TcCLB.511277.483	hypothetical protein, conserved	-0,4957	0,003388
TcCLB.506177.20	lectin, putative	-0,4959	0,00000729
TcCLB.508805.10	pre-mRNA splicing factor ATP-dependent RNA helicase (ps	-0,4959	0,000102

TcCLB.509643.50	hypothetical protein, conserved	-0,4959	0,0001044
TcCLB.506167.40	proteasome subunit alpha type-1, putative (PSA1)	-0,4959	0,0001436
TcCLB.511173.230	trans-sialidase (pseudogene), putative	-0,4959	0,1094
TcCLB.507017.120	ubiquitin hydrolase, putative	-0,496	3,347E-09
TcCLB.511217.80	hypothetical protein, conserved	-0,496	0,06326
TcCLB.506925.190	hypothetical protein, conserved	-0,4962	0,0002914
TcCLB.506679.10	hypothetical protein, conserved	-0,4962	0,01717
TcCLB.506845.21	N-acetyltransferase complex ARD1 subunit (pseudogene),	-0,4962	0,4052
TcCLB.508441.40	hypothetical protein, conserved	-0,4963	7,143E-06
TcCLB.504021.30	hypothetical protein, conserved	-0,4965	1,509E-07
TcCLB.508613.20	hypothetical protein, conserved	-0,4967	0,0006638
TcCLB.506349.83	retrotransposon hot spot protein (RHS, pseudogene), putat	-0,4968	0,007583
TcCLB.511563.30	retrotransposon hot spot protein (RHS, pseudogene), putat	-0,4969	0,3382
TcCLB.510833.10	trans-sialidase, putative	-0,4973	0,2901
TcCLB.507993.140	RNA-binding protein 29, putative (RBP29)	-0,4975	8,964E-07
TcCLB.508039.50	dispersed gene family protein 1 (DGF-1, pseudogene), puta	-0,4976	0,02563
TcCLB.508277.90	hypothetical protein, conserved	-0,4977	0,0006
TcCLB.507011.100	hypothetical protein, conserved	-0,4978	0,0001541
TcCLB.507993.350	surface protease GP63, putative	-0,4978	0,04268
TcCLB.508247.140	hypothetical protein	-0,4979	0,1202
TcCLB.509671.50	hypothetical protein, conserved	-0,4981	0,00334
TcCLB.511287.160	hypothetical protein, conserved	-0,4983	2,448E-06
TcCLB.508181.80	hypothetical protein, conserved	-0,4983	8,449E-06
TcCLB.510025.205	hypothetical protein, conserved (pseudogene)	-0,4984	0,2458
TcCLB.505943.40	hypothetical protein, conserved	-0,4985	6,013E-08
TcCLB.511445.130	Mitochondrial SSU ribosomal protein, putative	-0,4985	4,479E-07
TcCLB.503797.7	hypothetical protein, conserved (pseudogene)	-0,4985	0,0001435
TcCLB.504071.80	nuclear cap binding protein, putative	-0,4985	0,01162
TcCLB.511295.70	hypothetical protein, conserved (fragment)	-0,4985	0,2398
TcCLB.508307.150	hypothetical protein, conserved	-0,4986	0,00004408
TcCLB.509615.60	hypothetical protein	-0,4988	0,3732
TcCLB.511727.90	vacuolar proton-ATPase-like protein, putative	-0,499	5,352E-10
TcCLB.507957.29	surface protease GP63 (pseudogene), putative	-0,499	0,4583
TcCLB.506375.100	hypothetical protein	-0,4992	0,0007465
TcCLB.510261.31	mucin-associated surface protein (MASP, pseudogene), pu	-0,4992	0,1821
TcCLB.507033.10	hypothetical protein, conserved	-0,4997	4,164E-09
TcCLB.506539.21	hypothetical protein, conserved (pseudogene)	-0,4997	0,1003
TcCLB.504033.90	mitochondrial carrier protein, putative	-0,4998	2,91E-07
TcCLB.510667.14	membrane transporter protein, putative	-0,4998	0,0001273
TcCLB.506613.130	dispersed gene family protein 1 (DGF-1), putative	-0,4998	0,03511
TcCLB.511511.70	hypothetical protein, conserved	-0,4999	5,893E-08
TcCLB.508951.40	acyl-CoA dehydrogenase, putative	-0,4999	0,002297
TcCLB.507757.50	serine/threonine-protein phosphatase PP1, putative	-0,5002	2,946E-06
TcCLB.511921.130	hypothetical protein, conserved (pseudogene)	-0,5003	0,0897
TcCLB.507951.270	LETM1 and EF-hand domain-containing protein 1, putative	-0,5008	4,538E-07

TcCLB.511355.14	cation transporter, putative	-0,5009	0,00000821
TcCLB.507093.190	hypothetical protein, conserved	-0,5012	0,003345
TcCLB.506737.100	hypothetical protein, conserved	-0,5013	0,0002064
TcCLB.506793.80	ATP-dependent RNA helicase, putative	-0,5015	0,00002174
TcCLB.508397.40	succinate dehydrogenase subunit	-0,5016	0,0001227
TcCLB.410961.10	phosphatidylinositol kinase related protein, putative	-0,5017	0,1096
TcCLB.510543.210	retrotransposon hot spot protein (RHS, pseudogene), putat	-0,5018	0,07376
TcCLB.509525.40	hypothetical protein, conserved	-0,5018	0,5198
TcCLB.505967.19	dispersed gene family protein 1 (DGF-1), putative (fragme	-0,502	0,09389
TcCLB.510575.10	hypothetical protein	-0,5024	0,0008626
TcCLB.510075.50	hypothetical protein, conserved	-0,5025	3,732E-07
TcCLB.509525.10	mucin-associated surface protein (MASP, pseudogene), pu	-0,5026	0,2629
TcCLB.504787.54	mucin-associated surface protein (MASP, pseudogene), pu	-0,5027	0,03333
TcCLB.511127.140	DNA replication licensing factor MCM4, putative	-0,5029	0,00001699
TcCLB.510361.110	mucin-associated surface protein (MASP), putative	-0,5029	0,1525
TcCLB.506733.100	hypothetical protein, conserved	-0,503	2,347E-06
TcCLB.507857.80	hypothetical protein, conserved (pseudogene)	-0,503	0,00003398
TcCLB.511751.166	hypothetical protein, conserved	-0,503	0,0001214
TcCLB.509011.90	lipase, putative	-0,5031	0,004488
TcCLB.506933.107	hypothetical protein, conserved	-0,5035	0,0007293
TcCLB.507509.60	hypothetical protein, conserved	-0,5037	0,00001994
TcCLB.504239.171	mucin TcMUCII, putative	-0,5038	0,2911
TcCLB.508573.120	dispersed gene family protein 1 (DGF-1), putative	-0,504	0,09943
TcCLB.510553.40	trans-sialidase, Group V, putative	-0,5042	0,09393
TcCLB.504827.21	hypothetical protein, conserved (fragment)	-0,5043	3,968E-08
TcCLB.509729.10	hypothetical protein, conserved	-0,5043	5,707E-06
TcCLB.508255.10	trans-sialidase (pseudogene), putative	-0,5043	0,005556
TcCLB.510013.59	trans-sialidase (pseudogene), putative	-0,5043	0,3045
TcCLB.443683.9	DNA-directed rna polymerase I largest subunit, putative (fr	-0,5044	0,001908
TcCLB.503583.20	hypothetical protein, conserved	-0,5045	0,0007751
TcCLB.507711.80	hypothetical protein, conserved	-0,5047	0,0004412
TcCLB.505317.9	trans-sialidase, putative (fragment)	-0,5047	0,003351
TcCLB.508153.190	kinesin, putative	-0,5051	3,452E-06
TcCLB.508637.69	hypothetical protein, conserved	-0,5051	0,001377
TcCLB.507975.80	hypothetical protein, conserved	-0,5052	3,322E-09
TcCLB.507895.164	hypothetical protein, conserved	-0,5052	0,0001164
TcCLB.510691.80	hypothetical protein, conserved	-0,5054	0,003238
TcCLB.509247.30	hypothetical protein, conserved	-0,5055	1,956E-11
TcCLB.504103.50	hypothetical protein, conserved	-0,5056	0,00007054
TcCLB.511435.49	phosphatidylinositol 3-kinase, putative	-0,5057	0,07527
TcCLB.511525.11	hypothetical protein, conserved (fragment)	-0,5057	0,1117
TcCLB.511751.180	pseudouridine synthase A-like protein, putative	-0,5058	0,00007406
TcCLB.508405.100	hypothetical protein, conserved	-0,5058	0,001329
TcCLB.506605.50	hypothetical protein, conserved	-0,5059	3,639E-06
TcCLB.419043.10	hypothetical protein, conserved	-0,5059	0,005886

TcCLB.509609.19	DNA repair and recombination helicase protein PIF7, putative	-0,5059	0,007621
TcCLB.508771.55	hypothetical protein, conserved (pseudogene)	-0,506	0,002898
TcCLB.507907.50	hypothetical protein, conserved	-0,5063	1,196E-12
TcCLB.508261.70	mucin-associated surface protein (MASP, pseudogene), putative	-0,5063	0,1492
TcCLB.508479.260	hypothetical protein, conserved	-0,5064	0,00002149
TcCLB.511589.120	DNA topoisomerase III, putative	-0,5064	0,00008019
TcCLB.511435.10	WD40 repeat-containing protein	-0,5065	1,429E-06
TcCLB.510901.150	proteasome regulatory non-ATPase subunit 2, putative	-0,5066	5,262E-11
TcCLB.510575.50	hypothetical protein, conserved	-0,5066	0,04252
TcCLB.506265.180	hypothetical protein, conserved	-0,507	0,01082
TcCLB.508909.60	hypothetical protein, conserved	-0,5071	0,0006118
TcCLB.503973.20	trans-sialidase (pseudogene), putative	-0,5071	0,03913
TcCLB.507625.70	hypothetical protein, conserved	-0,5072	1,716E-06
TcCLB.469435.10	hypothetical protein, conserved	-0,5072	0,00252
TcCLB.503777.4	hypothetical protein, conserved	-0,5072	0,08401
TcCLB.505809.10	dispersed gene family protein 1 (DGF-1, pseudogene), putative	-0,5073	0,4243
TcCLB.511439.100	p-nitrophenylphosphatase, putative	-0,5075	0,00267
TcCLB.506739.209	hypothetical protein, conserved	-0,5076	0,001061
TcCLB.504247.70	AATF protein, putative (pseudogene)	-0,5077	0,0003792
TcCLB.505999.180	Non cytoplasmic domain containing protein, conserved	-0,5078	0,00006584
TcCLB.511499.59	small nuclear ribonucleoprotein Sm-E, putative	-0,5078	0,003167
TcCLB.503981.80	hypothetical protein, conserved	-0,508	5,481E-11
TcCLB.507041.132	hypothetical protein (fragment)	-0,508	0,04071
TcCLB.511063.40	trans-sialidase, Group V, putative	-0,5081	0,2276
TcCLB.504055.81	ubiquitin-protein ligase, putative	-0,5083	0,0002311
TcCLB.508355.10	hypothetical protein, conserved	-0,5085	0,0003065
TcCLB.508231.120	trans-sialidase (pseudogene), putative	-0,5085	0,3404
TcCLB.508357.80	cation transporter protein, putative	-0,5086	0,00005923
TcCLB.506459.270	hypothetical protein, conserved	-0,5088	2,297E-09
TcCLB.511181.110	hypothetical protein, conserved	-0,5089	2,498E-07
TcCLB.511727.160	hypothetical protein, conserved	-0,5091	1,493E-11
TcCLB.407477.60	hypothetical protein, conserved	-0,5091	0,0006833
TcCLB.506479.10	hypothetical protein, conserved	-0,5092	0,0001138
TcCLB.511415.40	dispersed gene family protein 1 (DGF-1), putative	-0,5092	0,0008318
TcCLB.507023.120	aldehyde dehydrogenase family, putative	-0,5096	0,0001688
TcCLB.433677.19	hypothetical protein, conserved	-0,5097	0,04183
TcCLB.510029.90	hypothetical protein, conserved	-0,5098	8,152E-06
TcCLB.509167.90	hypothetical protein, conserved	-0,5098	0,0001829
TcCLB.507509.30	RNA polymerase-like protein, putative	-0,5098	0,003079
TcCLB.508873.40	mucin TcMUCII (pseudogene), putative	-0,5098	0,1543
TcCLB.510295.30	RNA editing complex protein MP18, putative	-0,5103	0,00003248
TcCLB.508181.130	peter pan protein, putative	-0,5103	0,00004751
TcCLB.511289.30	metallo-peptidase, Clan MG, Family M24	-0,5104	2,197E-10
TcCLB.510329.110	hypothetical protein	-0,5105	6,752E-07
TcCLB.508741.210	hypothetical protein	-0,5106	6,432E-12

TcCLB.506739.200	protein phosphatase 2C, putative	-0,5108	3,801E-11
TcCLB.418113.9	dispersed gene family protein 1 (DGF-1), putative	-0,5109	0,3693
TcCLB.503833.10	hypothetical protein, conserved	-0,511	9,159E-07
TcCLB.507017.170	hypothetical protein, conserved	-0,5111	0,01047
TcCLB.506405.90	hypothetical protein, conserved	-0,5114	0,001215
TcCLB.507027.30	hypothetical protein, conserved (pseudogene)	-0,5116	2,975E-09
TcCLB.511021.51	hypothetical protein, conserved	-0,5117	0,004545
TcCLB.510087.100	GINS complex subunit Psf3, putative	-0,5118	0,03439
TcCLB.508479.200	palmitoyl acyltransferase 10, putative	-0,512	4,742E-07
TcCLB.510275.190	mucin-associated surface protein (MASP), putative	-0,512	0,246
TcCLB.508153.920	choline/ethanolamine phosphotransferase, putative	-0,5121	4,831E-06
TcCLB.508593.110	arginine N-methyltransferase, putative	-0,5121	0,0000475
TcCLB.510089.39	CAAX amino terminal protease, putative	-0,5122	0,00482
TcCLB.503655.40	surface protease GP63 (pseudogene), putative	-0,5122	0,05763
TcCLB.509553.30	ribonuclease mar1, putative	-0,5123	0,03447
TcCLB.506493.80	DNA topoisomerase IA, putative	-0,5124	1,146E-09
TcCLB.511867.170	hypothetical protein, conserved	-0,5124	2,116E-06
TcCLB.506733.60	N(2), N(2)-dimethylguanosine tRNA methyltransferase, pu	-0,5124	0,00001215
TcCLB.511303.130	hypothetical protein	-0,5125	0,00008073
TcCLB.504067.10	dispersed gene family protein 1 (DGF-1), putative	-0,5125	0,1742
TcCLB.510243.128	hypothetical protein, conserved	-0,5127	0,03563
TcCLB.509229.30	hypothetical protein, conserved	-0,5129	0,02244
TcCLB.511589.60	hypothetical protein, conserved	-0,513	0,01684
TcCLB.509745.60	telomerase reverse transcriptase, putative (TERT)	-0,5133	7,852E-06
TcCLB.506413.80	cyclophilin, putative	-0,5134	0,0005608
TcCLB.511911.71	hypothetical protein, conserved	-0,5135	0,2388
TcCLB.511153.124	hypothetical protein, conserved	-0,5136	0,005442
TcCLB.506671.30	mucin-associated surface protein (MASP, pseudogene), pu	-0,5136	0,02107
TcCLB.511801.20	hypothetical protein, conserved	-0,5137	0,0003805
TcCLB.506247.200	adaptin complex 1 subunit, putative	-0,5138	5,769E-11
TcCLB.507037.10	proteasome regulatory non-ATPase subunit 7 (pseudogene)	-0,5142	0,00003295
TcCLB.509611.140	hypothetical protein, conserved	-0,5143	0,00004436
TcCLB.511127.30	hypothetical protein, conserved	-0,5144	0,0006634
TcCLB.507005.40	zinc finger protein, putative	-0,5144	0,0006651
TcCLB.506711.4	peptide chain release factor 1, putative (fragment)	-0,5144	0,01664
TcCLB.505555.61	cytoplasmic l-asparaginase i-like protein, putative	-0,5144	0,02262
TcCLB.510745.30	hypothetical protein, conserved	-0,5149	0,03787
TcCLB.511733.20	hypothetical protein, conserved	-0,5152	6,579E-06
TcCLB.506231.40	retrotransposon hot spot protein (RHS, pseudogene), putat	-0,5152	0,002534
TcCLB.508489.10	hypothetical protein, conserved	-0,5155	0,001151
TcCLB.510593.40	kinetoplastid kinetochore protein 8, putative (kkt8)	-0,5156	0,00004495
TcCLB.507155.9	dispersed gene family protein 1 (DGF-1, pseudogene), puta	-0,5156	0,02677
TcCLB.506247.260	mitochondrial carrier protein, putative	-0,5157	0,008993
TcCLB.504239.161	mucin-associated surface protein (MASP, pseudogene), pu	-0,5159	0,2055
TcCLB.509073.10	hypothetical protein, conserved	-0,5161	9,061E-06

TcCLB.509875.110	hypothetical protein	-0,5161	0,2894
TcCLB.509525.260	hypothetical protein	-0,5163	0,03909
TcCLB.506321.330	hypothetical protein, conserved	-0,5164	0,00001266
TcCLB.511565.15	hypothetical protein	-0,5164	0,2287
TcCLB.509895.80	ATP-dependent zinc metallopeptidase (pseudogene), putat	-0,5165	3,546E-07
TcCLB.510823.20	conserved protein, unknown function	-0,5166	3,544E-06
TcCLB.511517.80	replication factor C, subunit 2, putative	-0,5168	0,0000419
TcCLB.510817.10	protein kinase, putative	-0,5168	0,09933
TcCLB.507997.60	hypothetical protein, conserved	-0,5169	4,225E-06
TcCLB.506739.40	hypothetical protein, conserved	-0,5169	0,00003535
TcCLB.507895.110	hypothetical protein, conserved	-0,5169	0,0001598
TcCLB.509125.10	mannosyltransferase-like protein, putative	-0,517	2,916E-07
TcCLB.511039.3	choline/ethanolamine phosphotransferase, putative (CEPT)	-0,5171	0,07835
TcCLB.506925.280	hypothetical protein, conserved	-0,5172	0,0002341
TcCLB.510761.60	casein kinase II, putative	-0,5176	7,742E-07
TcCLB.508387.70	hypothetical protein, conserved	-0,5178	1,492E-10
TcCLB.509979.249	syntaxin binding protein 1 (pseudogene), putative	-0,5178	0,003244
TcCLB.508461.174	hypothetical protein, conserved	-0,5178	0,03746
TcCLB.511577.110	exopolyphosphatase	-0,5181	0,002647
TcCLB.509023.20	hypothetical protein, conserved	-0,5181	0,007693
TcCLB.507603.50	Mitochondrial Ribosomal Protein of Small Subunit 29, puta	-0,5183	0,00002242
TcCLB.508933.5	serine/threonine protein phosphatase PP1 (fragment)	-0,5184	0,01805
TcCLB.511133.4	DNA repair and recombination helicase protein PIF6, putat	-0,5185	0,0004012
TcCLB.507959.323	syntaxin binding protein (pseudogene), putative	-0,5187	0,1131
TcCLB.510187.240	hypothetical protein, conserved	-0,5188	1,528E-09
TcCLB.510237.95	hypothetical protein, conserved (pseudogene)	-0,5188	0,2308
TcCLB.503835.30	hypothetical protein, conserved	-0,5189	0,00003249
TcCLB.510687.50	hypothetical protein, conserved	-0,519	1,761E-06
TcCLB.506135.90	hypothetical protein, conserved	-0,519	0,0001211
TcCLB.508707.227	ATP binding protein-like protein, putative	-0,5192	0,001968
TcCLB.511001.80	hypothetical protein, conserved	-0,5193	2,95E-07
TcCLB.508931.50	hypothetical protein	-0,5193	0,00002485
TcCLB.511001.160	hypothetical protein, conserved	-0,5194	4,328E-09
TcCLB.506529.500	hypothetical protein, conserved	-0,5194	0,00003365
TcCLB.504005.29	hypothetical protein, conserved	-0,5194	0,001969
TcCLB.511131.98	hypothetical protein, conserved	-0,5194	0,003902
TcCLB.509473.10	hypothetical protein (pseudogene)	-0,5195	8,723E-06
TcCLB.509995.29	hypothetical protein, conserved	-0,5196	0,003926
TcCLB.508355.240	hypothetical protein, conserved	-0,5196	0,003941
TcCLB.506363.150	soluble N-ethylmaleimide sensitive factor (NSF) attachme	-0,5197	0,0009557
TcCLB.508839.89	DNA-directed rna polymerase I largest subunit, putative (fr	-0,5198	0,0001099
TcCLB.507089.40	CMP-sialic acid transporter, putative	-0,5199	0,0003982
TcCLB.506479.120	cytidine triphosphate synthase, putative	-0,5199	0,005091
TcCLB.506595.21	hypothetical protein	-0,5201	0,002865
TcCLB.506961.104	ATP-dependent DEAD/H RNA helicase (pseudogene), putat	-0,5201	0,02027

TcCLB.511313.40	ATP-dependent RNA helicase, putative	-0,5202	6,344E-08
TcCLB.509791.150	choline/ethanolamine phosphotransferase, putative (CEPT)	-0,5202	2,493E-07
TcCLB.510031.9	U5 snrnp-specific protein, putative	-0,5202	0,0000438
TcCLB.507967.30	hypothetical protein, conserved (fragment)	-0,5202	0,0004347
TcCLB.507093.72	hypothetical protein, conserved	-0,5203	4,431E-08
TcCLB.506959.74	hypothetical protein, conserved	-0,5204	4,501E-06
TcCLB.510337.50	hypothetical protein, conserved (pseudogene)	-0,5204	0,005072
TcCLB.506691.22	hypothetical protein, conserved	-0,5206	1,936E-06
TcCLB.424123.40	RNA-binding protein, putative	-0,5208	0,001083
TcCLB.506499.30	trans-sialidase (pseudogene), putative	-0,5209	0,188
TcCLB.504105.20	eukaryotic translation initiation factor 5, putative	-0,521	2,172E-09
TcCLB.509287.30	hypothetical protein, conserved	-0,5212	5,658E-09
TcCLB.511903.280	hypothetical protein, conserved	-0,5212	0,0001773
TcCLB.508355.420	cation transporter protein, putative	-0,5213	0,00002177
TcCLB.506241.200	hypothetical protein, conserved	-0,5214	1,601E-07
TcCLB.503813.20	hypothetical protein, conserved	-0,5214	5,493E-06
TcCLB.509005.20	hypothetical protein, conserved	-0,5214	0,0000916
TcCLB.503671.39	dynamamin-1-like protein (fragment)	-0,5215	0,0000243
TcCLB.508827.60	hypothetical protein, conserved	-0,5217	1,935E-06
TcCLB.511511.120	hypothetical protein, conserved	-0,5217	0,00003521
TcCLB.504011.60	hypothetical protein, conserved	-0,5219	0,0000417
TcCLB.506871.30	ADP-ribosylation factor GTPase activating protein 1, putative	-0,522	8,722E-06
TcCLB.508153.720	hypothetical protein, conserved	-0,5221	0,01194
TcCLB.511179.160	ubiquitin-protein ligase, putative	-0,5223	0,0005192
TcCLB.508741.90	hypothetical protein	-0,5227	7,747E-06
TcCLB.508999.49	hypothetical protein	-0,5227	0,2302
TcCLB.506297.60	hypothetical protein, conserved	-0,5228	0,00004893
TcCLB.509589.40	hypothetical protein, conserved	-0,523	1,313E-11
TcCLB.508479.180	hypothetical protein, conserved	-0,5232	8,119E-11
TcCLB.504229.50	trans-sialidase (pseudogene), putative	-0,5234	0,02025
TcCLB.508707.50	hypothetical protein, conserved	-0,5237	0,00001321
TcCLB.510025.139	hypothetical protein, conserved (pseudogene)	-0,5237	0,4126
TcCLB.507939.50	hypothetical protein, conserved	-0,5238	9,093E-06
TcCLB.506563.30	coatomer beta subunit, putative	-0,5239	2,053E-14
TcCLB.508153.340	ATP-dependent 6-phosphofruktokinase, glycosomal (PFK)	-0,5241	8,087E-06
TcCLB.508953.40	hypothetical protein, conserved	-0,5241	0,000195
TcCLB.510515.50	hypothetical protein, conserved	-0,5241	0,0002246
TcCLB.506871.80	RNA polymerase-like protein, putative	-0,5243	0,001903
TcCLB.510535.109	trans-sialidase, putative	-0,5243	0,009547
TcCLB.508165.170	mucin-associated surface protein (MASP), putative	-0,5243	0,1584
TcCLB.511479.20	hypothetical protein, conserved	-0,5244	8,565E-06
TcCLB.507709.10	hypothetical protein, conserved	-0,5249	0,007245
TcCLB.510535.10	hypothetical protein, conserved	-0,5251	0,00002374
TcCLB.509941.140	hypothetical protein, conserved	-0,5254	0,001496
TcCLB.509127.104	ARP2/3 complex subunit, putative	-0,5254	0,01452

TcCLB.508815.10	hypothetical protein, conserved	-0,5256	0,0003736
TcCLB.506925.420	hypothetical protein, conserved	-0,5256	0,0008271
TcCLB.508741.270	Kinetoplastid RNA editing protein 1, putative (KREPA1)	-0,5257	3,494E-08
TcCLB.511715.40	hypothetical protein, conserved	-0,5257	0,01845
TcCLB.511851.10	dispersed gene family protein 1 (DGF-1), putative	-0,5258	0,0005057
TcCLB.509287.240	dispersed gene family protein 1 (DGF-1), putative	-0,5258	0,0007593
TcCLB.506957.70	hypothetical protein, conserved	-0,5262	7,917E-06
TcCLB.506629.140	hypothetical protein, conserved	-0,5264	0,00000287
TcCLB.509005.70	hypothetical protein, conserved	-0,5264	0,0001344
TcCLB.511355.30	phosphatidic acid phosphatase protein, putative	-0,5266	0,00001568
TcCLB.507711.70	hypothetical protein, conserved	-0,5268	0,0005974
TcCLB.510429.40	Present in the outer mitochondrial membrane proteome 5	-0,5269	0,0001043
TcCLB.508909.150	hypothetical protein, conserved	-0,5269	0,006443
TcCLB.507957.320	mucin-associated surface protein (MASP), putative	-0,5271	0,1157
TcCLB.507641.190	kinetoplastid kinetochore protein 1, putative (kkt1)	-0,5272	9,599E-08
TcCLB.509577.9	hypothetical protein, conserved (fragment)	-0,5272	0,0008592
TcCLB.506925.40	RNA polymerase I second largest subunit, putative	-0,5273	3,81E-13
TcCLB.460061.10	hypothetical protein (fragment)	-0,5274	0,04123
TcCLB.509621.10	hypothetical protein, conserved	-0,5275	8,625E-06
TcCLB.508897.30	ABC transport system ATP-binding protein, putative	-0,5276	1,276E-12
TcCLB.507625.180	kinesin, putative	-0,5277	7,331E-07
TcCLB.505037.20	ribosomal RNA processing protein 41B, putative (RRP41B)	-0,5277	6,139E-06
TcCLB.506619.30	Flagellar Member 8 (FLAM8)	-0,5277	0,2462
TcCLB.509429.80	hypothetical protein, conserved	-0,5278	0,00002097
TcCLB.510901.80	hypothetical protein, conserved	-0,528	1,384E-08
TcCLB.503713.10	hypothetical protein, conserved	-0,528	0,002052
TcCLB.506369.70	histone H1, putative	-0,5282	1,078E-17
TcCLB.510755.120	RNA-binding protein, putative	-0,5282	1,162E-07
TcCLB.506829.71	hypothetical protein, conserved (pseudogene)	-0,5282	0,03621
TcCLB.510901.160	hypothetical protein, conserved	-0,5284	0,002884
TcCLB.506405.60	hypothetical protein, conserved	-0,5285	0,0009815
TcCLB.504215.59	hypothetical protein, conserved	-0,5286	1,771E-06
TcCLB.507515.120	sphingosine kinase A, B, putative	-0,5287	5,578E-06
TcCLB.510827.10	hypothetical protein, conserved	-0,5287	0,003373
TcCLB.503867.10	hypothetical protein, conserved	-0,5288	0,0001642
TcCLB.507711.50	hypothetical protein, conserved	-0,5288	0,001422
TcCLB.509575.20	hypothetical protein, conserved	-0,529	0,0005658
TcCLB.503999.80	hypothetical protein, conserved	-0,5291	9,104E-10
TcCLB.506235.20	guide RNA associated protein 1, putative (GAP1)	-0,5292	3,534E-11
TcCLB.507763.30	anion-transporting ATPase-like, putative	-0,5292	4,14E-07
TcCLB.506587.50	hypothetical protein, conserved	-0,5292	5,239E-06
TcCLB.503785.10	hypothetical protein, conserved (pseudogene)	-0,5292	0,00002923
TcCLB.509203.60	histone acetyltransferase, putative	-0,5292	0,0000551
TcCLB.506367.174	hypothetical protein, conserved	-0,5292	0,008116
TcCLB.511321.4	O-sialoglycoprotein endopeptidase, putative	-0,5293	0,07391



TcCLB.511867.160	hypothetical protein, conserved	-0,5294	0,004495
TcCLB.509237.50	hypothetical protein, conserved	-0,5295	1,826E-08
TcCLB.503839.30	hypothetical protein, conserved	-0,5296	3,984E-07
TcCLB.508405.10	cell division cycle protein, putative	-0,5296	9,545E-06
TcCLB.503867.20	trans-sialidase (pseudogene), putative	-0,5297	0,1255
TcCLB.511385.14	hypothetical protein, conserved (fragment)	-0,5298	3,016E-07
TcCLB.511307.20	Peptidase C19, ubiquitin carboxyl-terminal hydrolase, putative	-0,5299	7,505E-06
TcCLB.506561.20	retrotransposon hot spot protein (RHS, pseudogene), putative	-0,53	0,001273
TcCLB.505965.70	helicase (pseudogene), putative	-0,5302	1,431E-06
TcCLB.508543.160	hypothetical protein, conserved	-0,5303	3,152E-07
TcCLB.508479.300	hypothetical protein, conserved	-0,5303	0,00005199
TcCLB.510121.120	hypothetical protein, conserved	-0,5305	0,0001244
TcCLB.508479.50	trans-sialidase (pseudogene), putative	-0,5307	0,0004492
TcCLB.504741.180	hypothetical protein, conserved	-0,5309	0,0001116
TcCLB.506337.220	hypothetical protein	-0,5309	0,0008389
TcCLB.510311.70	26S protease regulatory subunit, putative	-0,5312	8,772E-08
TcCLB.509625.10	ATP-dependent RNA helicase, putative (fragment)	-0,5314	3,913E-06
TcCLB.506493.40	hypothetical protein, conserved	-0,5314	0,00001626
TcCLB.508137.20	hypothetical protein, conserved	-0,5316	1,099E-08
TcCLB.508949.10	hypothetical protein, conserved	-0,5317	0,0004042
TcCLB.506927.10	hypothetical protein, conserved (pseudogene)	-0,5318	0,01416
TcCLB.506067.189	trans-sialidase (pseudogene), putative	-0,5318	0,1298
TcCLB.506559.250	hypothetical protein, conserved	-0,532	4,617E-06
TcCLB.508873.300	hypothetical protein	-0,532	0,3103
TcCLB.503689.40	hypothetical protein, conserved	-0,5321	2,306E-08
TcCLB.509879.10	hypothetical protein, conserved	-0,5322	0,003115
TcCLB.508737.160	hypothetical protein, conserved	-0,5323	2,905E-07
TcCLB.508365.210	mucin TcMUCl, putative	-0,5323	0,4144
TcCLB.507037.70	hypothetical protein, conserved	-0,5324	0,00000106
TcCLB.508541.220	casein kinase, putative	-0,5324	0,02061
TcCLB.511675.6	hypothetical protein, conserved (pseudogene)	-0,5324	0,3324
TcCLB.510403.71	trans-sialidase (pseudogene), putative	-0,5325	2,086E-06
TcCLB.510201.50	dispersed gene family protein 1 (DGF-1), putative	-0,5325	0,003761
TcCLB.511379.9	hypothetical protein, conserved (fragment)	-0,5326	0,0001934
TcCLB.510739.10	hypothetical protein, conserved	-0,5328	0,001739
TcCLB.506529.30	hypothetical protein, conserved	-0,533	0,0103
TcCLB.509619.10	Zn-finger protein, putative	-0,5331	0,00001004
TcCLB.511409.20	hypothetical protein, conserved	-0,5331	0,004938
TcCLB.506247.420	hypothetical protein, conserved	-0,5331	0,01415
TcCLB.507237.310	surface protease GP63 (pseudogene), putative	-0,5331	0,2051
TcCLB.510279.276	hypothetical protein, conserved (pseudogene)	-0,5336	0,1016
TcCLB.511355.50	glycerol uptake protein, putative	-0,5338	1,924E-06
TcCLB.506213.70	hypothetical protein, conserved	-0,5338	0,00005197
TcCLB.508359.70	hypothetical protein	-0,5338	0,2066
TcCLB.503713.50	trans-sialidase, putative (fragment)	-0,5338	0,2968

TcCLB.509911.10	hypothetical protein, conserved	-0,5339	1,389E-08
TcCLB.508409.110	hypothetical protein, conserved	-0,5339	1,529E-06
TcCLB.510285.140	hypothetical protein, conserved (fragment)	-0,5339	0,2483
TcCLB.508289.41	syntaxin binding protein (pseudogene), putative	-0,534	0,1078
TcCLB.510687.100	Unc104-like kinesin, putative	-0,5341	1,272E-08
TcCLB.509109.50	hypothetical protein	-0,5342	2,891E-08
TcCLB.506739.30	hypothetical protein	-0,5343	1,402E-08
TcCLB.510181.50	nucleoporin interacting component (NUP93), putative	-0,5343	5,461E-06
TcCLB.508909.160	hypothetical protein, conserved	-0,5343	0,005069
TcCLB.504431.90	U2 small nuclear ribonucleoprotein B, putative	-0,5343	0,006337
TcCLB.511285.90	19S proteasome non-atpase subunit 8 (Rpn8)	-0,5344	9,258E-07
TcCLB.508277.200	hypothetical protein, conserved	-0,5344	0,00004228
TcCLB.508257.90	hypothetical protein, conserved	-0,5345	4,952E-06
TcCLB.507041.76	hypothetical protein, conserved (pseudogene)	-0,5345	0,002846
TcCLB.506253.30	hypothetical protein	-0,5345	0,1421
TcCLB.509059.60	hypothetical protein, conserved	-0,5347	0,04245
TcCLB.507895.31	retrotransposon hot spot protein (RHS, pseudogene), putative	-0,5347	0,05591
TcCLB.506813.80	trans-sialidase, Group V, putative	-0,5347	0,16
TcCLB.509455.120	Peptide chain release factor 1, mitochondrial, putative (RF)	-0,5349	9,227E-06
TcCLB.508821.60	hypothetical protein, conserved	-0,5349	0,08659
TcCLB.507519.190	protein kinase (pseudogene), putative	-0,5349	0,114
TcCLB.508365.284	mucin-associated surface protein (MASP, pseudogene), putative	-0,5349	0,1239
TcCLB.504741.170	dual specificity protein phosphatase, putative	-0,535	0,00137
TcCLB.504009.30	hypothetical protein, conserved	-0,5351	0,0000159
TcCLB.510029.60	Vesicle-trafficking protein SEC22, putative (SEC22)	-0,5352	0,0001872
TcCLB.510515.80	hypothetical protein, conserved	-0,5353	4,323E-07
TcCLB.511003.100	hypothetical protein, conserved	-0,5353	2,325E-06
TcCLB.510155.270	dispersed gene family protein 1 (DGF-1, pseudogene), putative	-0,5354	9,675E-06
TcCLB.509319.40	hypothetical protein, conserved	-0,5357	0,00002569
TcCLB.509669.40	Zn-finger protein, putative	-0,5358	1,249E-11
TcCLB.510329.190	hypothetical protein, conserved	-0,5358	2,55E-08
TcCLB.503675.10	glycosyl transferase-like protein, putative	-0,536	0,004939
TcCLB.509161.120	hypothetical protein, conserved	-0,5361	4,473E-06
TcCLB.511481.20	hypothetical protein, conserved	-0,5361	0,003611
TcCLB.510355.240	hypothetical protein, conserved	-0,5362	0,0001936
TcCLB.508221.1010	mucin-associated surface protein (MASP), putative	-0,5363	0,01841
TcCLB.509317.100	hypothetical protein, conserved	-0,5367	0,0003755
TcCLB.503541.30	hypothetical protein, conserved	-0,5368	0,008942
TcCLB.503973.340	trans-sialidase (pseudogene), putative	-0,5368	0,2478
TcCLB.507715.70	hypothetical protein, conserved	-0,5369	4,45E-08
TcCLB.510363.270	mucin TcMUCII, putative	-0,5369	0,6796
TcCLB.506147.180	DNA polymerase epsilon catalytic subunit, putative	-0,537	1,965E-08
TcCLB.508409.199	hypothetical protein, conserved	-0,537	0,0007396
TcCLB.510247.10	R27-2 protein, putative	-0,5371	0,00001219
TcCLB.509819.49	Myotubularin-related protein, putative (fragment)	-0,5371	0,000664

TcCLB.509755.80	mucin-associated surface protein (MASP, pseudogene), pu	-0,5371	0,3706
TcCLB.503653.50	histone deacetylase, putative	-0,5372	3,628E-06
TcCLB.509987.10	hypothetical protein, conserved	-0,5372	0,0006052
TcCLB.503781.70	proteasome subunit beta type-5, putative	-0,5373	1,039E-06
TcCLB.509167.10	hypothetical protein, conserved	-0,5373	1,408E-06
TcCLB.504039.140	surface protease GP63 (pseudogene), putative	-0,5373	0,3078
TcCLB.506869.20	hypothetical protein, conserved	-0,5374	0,0001269
TcCLB.508637.100	hypothetical protein, conserved	-0,5374	0,001266
TcCLB.508659.50	serine/threonine protein kinase, putative	-0,5374	0,007995
TcCLB.506949.10	DNA-directed rna polymerase I largest subunit, putative	-0,5374	0,03739
TcCLB.509059.89	vacuolar assembly protein vps41, putative (fragment)	-0,5375	0,0507
TcCLB.509177.30	hypothetical protein, conserved	-0,5376	1,925E-07
TcCLB.401469.10	zinc finger protein 2, putative	-0,5376	5,163E-06
TcCLB.511545.150	hypothetical protein, conserved	-0,5376	0,00001512
TcCLB.511127.420	hypothetical protein, conserved	-0,5376	0,0001981
TcCLB.509611.130	hypothetical protein, conserved	-0,538	0,009403
TcCLB.503833.69	ribosome biogenesis protein, putative (fragment)	-0,5381	0,0005073
TcCLB.504449.40	hypothetical protein	-0,5383	0,00002979
TcCLB.508405.90	soluble N-ethylmaleimide sensitive factor (NSF) attachme	-0,5386	0,0006668
TcCLB.504835.20	3-methylcrotonyl-CoA carboxylase, putative	-0,5387	5,788E-08
TcCLB.509799.130	hypothetical protein, conserved	-0,539	2,533E-08
TcCLB.510873.20	surface protease GP63, putative	-0,539	0,0001286
TcCLB.510439.20	hypothetical protein, conserved	-0,5394	0,01593
TcCLB.508247.90	trans-sialidase, Group V, putative	-0,5394	0,4818
TcCLB.506813.190	trans-sialidase, Group VI, putative	-0,5395	0,0411
TcCLB.510105.9	ATP-dependent DEAD/H RNA helicase, putative	-0,5396	0,00000643
TcCLB.511511.100	hypothetical protein, conserved	-0,5398	1,997E-10
TcCLB.511385.80	kinesin-like protein, putative	-0,5398	0,00009773
TcCLB.508543.70	hypothetical protein, conserved	-0,5399	0,0003084
TcCLB.506405.4	hypothetical protein, conserved (fragment)	-0,5402	8,508E-06
TcCLB.506247.360	hypothetical protein, conserved	-0,5403	0,00008186
TcCLB.504041.29	DNA repair protein, putative	-0,5403	0,0002299
TcCLB.507259.4	hypothetical protein, conserved	-0,5403	0,001418
TcCLB.510081.21	ATP-dependent DEAD/H RNA helicase (pseudogene), putat	-0,5404	0,03438
TcCLB.508317.60	hypothetical protein, conserved	-0,5407	0,001358
TcCLB.511107.30	hypothetical protein, conserved	-0,5409	3,294E-07
TcCLB.507925.30	hypothetical protein, conserved	-0,5409	0,01825
TcCLB.503431.100	chromatin assembly factor 1 subunit B, putative	-0,5411	6,813E-07
TcCLB.507677.110	hypothetical protein	-0,5411	8,911E-07
TcCLB.510431.90	hypothetical protein, conserved	-0,5412	0,001824
TcCLB.506483.69	mitogen activated protein kinase 4, putative (MPK4)	-0,5413	0,0004522
TcCLB.507675.20	hypothetical protein, conserved	-0,5414	3,263E-07
TcCLB.506175.110	hypothetical protein, conserved	-0,5415	7,634E-08
TcCLB.504033.140	hypothetical protein, conserved (pseudogene)	-0,5415	1,668E-07
TcCLB.511577.60	DNA excision/repair protein SNF2, putative	-0,5415	3,479E-07

TcCLB.503703.20	hypothetical protein, conserved	-0,5415	0,00006548
TcCLB.507011.20	hypothetical protein, conserved	-0,5417	0,00005682
TcCLB.506577.110	hypothetical protein, conserved	-0,5417	0,004847
TcCLB.509213.90	hypothetical protein, conserved	-0,5418	0,002537
TcCLB.507625.186	hypothetical protein, conserved	-0,542	0,002718
TcCLB.506241.60	kinesin, putative	-0,5421	2,685E-07
TcCLB.511553.180	hypothetical protein	-0,5422	0,4134
TcCLB.508095.20	methyltransferase, putative	-0,5423	1,217E-11
TcCLB.510611.10	hypothetical protein, conserved	-0,5423	0,00001122
TcCLB.509289.10	amastin, putative	-0,5423	0,00001327
TcCLB.506945.90	hypothetical protein, conserved	-0,5423	0,02866
TcCLB.509965.70	hypothetical protein, conserved	-0,5424	2,373E-06
TcCLB.507585.20	hypothetical protein, conserved	-0,5424	0,00001227
TcCLB.506113.55	N-acetyltransferase complex ARD1 subunit (pseudogene),	-0,5424	0,08492
TcCLB.503885.10	hypothetical protein, conserved	-0,5425	0,0002481
TcCLB.508231.170	hypothetical protein, conserved	-0,5427	1,468E-08
TcCLB.506303.20	cell division cycle protein 45 (CDC45), putative	-0,5427	0,0000315
TcCLB.507995.10	trans-sialidase (pseudogene), putative	-0,5427	0,0004425
TcCLB.508461.344	hypothetical protein, conserved	-0,543	0,0006022
TcCLB.507047.20	dispersed gene family protein 1 (DGF-1, pseudogene), putative	-0,543	0,0018
TcCLB.506817.40	hypothetical protein, conserved	-0,5431	4,142E-07
TcCLB.511857.80	AMP deaminase, putative	-0,5432	0,0000025
TcCLB.508543.40	hypothetical protein, conserved	-0,5432	0,008049
TcCLB.510131.99	hypothetical protein, conserved	-0,5434	0,0002836
TcCLB.508409.310	hypothetical protein, conserved	-0,5436	0,0001316
TcCLB.510729.240	hypothetical protein, conserved	-0,5438	0,0002376
TcCLB.508177.100	ubiquitin activating enzyme, putative	-0,5439	0,001536
TcCLB.506363.30	hypothetical protein, conserved	-0,544	6,272E-08
TcCLB.509073.50	hypothetical protein, conserved	-0,544	0,00002439
TcCLB.508593.60	hypothetical protein, conserved	-0,544	0,00007732
TcCLB.511199.9	ATP-dependent RNA helicase FAL1, putative (fragment)	-0,544	0,003071
TcCLB.506917.27	hypothetical protein, conserved (pseudogene)	-0,544	0,02578
TcCLB.470827.20	trans-sialidase, putative	-0,5442	0,0001564
TcCLB.506567.50	hypothetical protein, conserved	-0,5442	0,0002497
TcCLB.506629.160	hypothetical protein, conserved	-0,5443	0,01072
TcCLB.506247.110	hypothetical protein, conserved	-0,5444	0,0002457
TcCLB.508255.20	hypothetical protein, conserved (pseudogene)	-0,5445	0,0006718
TcCLB.503847.20	myosin heavy chain, putative	-0,5446	7,2E-08
TcCLB.510689.60	Double RNA binding domain protein 7 (DRBD7)	-0,5446	9,816E-07
TcCLB.509031.6	hypothetical protein, conserved	-0,5446	0,005729
TcCLB.506941.100	hypothetical protein, conserved	-0,5447	1,283E-09
TcCLB.508181.90	hypothetical protein, conserved (pseudogene)	-0,5447	2,333E-06
TcCLB.503993.30	surface protease GP63, putative	-0,5449	0,00379
TcCLB.504119.4	DNA-directed RNA polymerase III subunit C1, putative (fragment)	-0,5449	0,016
TcCLB.509733.120	hypothetical protein, conserved	-0,5451	1,165E-09

TcCLB.511867.60	hypothetical protein, conserved	-0,5453	0,0002933
TcCLB.511589.170	oxidoreductase, putative	-0,5453	0,001317
TcCLB.509525.350	mucin TcMUCII, putative	-0,5454	0,2943
TcCLB.506677.20	cdc2-related kinase 3, putative (CRK3)	-0,5456	0,004229
TcCLB.509471.59	histone H3, putative	-0,5457	0,02375
TcCLB.508817.180	DIS3-like exonuclease, putative (pseudogene)	-0,546	1,036E-07
TcCLB.507047.80	zinc-finger protein ZPR1, putative	-0,5462	0,00003413
TcCLB.508199.10	ADP-ribosylation factor, putative	-0,5466	0,0001544
TcCLB.507943.70	hypothetical protein, conserved	-0,5467	0,0001478
TcCLB.510047.129	mucin TcMUCII, putative	-0,5467	0,4882
TcCLB.504251.9	peroxisome assembly protein, putative (fragment)	-0,5468	3,666E-06
TcCLB.506247.40	hypothetical protein, conserved	-0,5468	0,00001393
TcCLB.504089.54	protein kinase, putative	-0,547	2,314E-07
TcCLB.511751.240	hypothetical protein, conserved (pseudogene)	-0,547	0,00001115
TcCLB.506445.60	mitochondrial DNA topoisomerase II, putative	-0,5473	4,6E-12
TcCLB.507093.10	hypothetical protein, conserved	-0,5473	8,203E-08
TcCLB.510187.180	hypothetical protein, conserved	-0,5475	3,261E-13
TcCLB.506483.60	hypothetical protein, conserved	-0,5477	0,0003448
TcCLB.510661.19	ubiquitin-activating enzyme E1, putative (fragment)	-0,5478	0,0000155
TcCLB.511531.44	hypothetical protein	-0,5478	0,0004606
TcCLB.504207.5	hypothetical protein, conserved	-0,5478	0,137
TcCLB.506297.290	protein transport protein SEC31, putative	-0,5479	4,384E-15
TcCLB.504105.260	bilobe protein, conserved	-0,5479	0,1282
TcCLB.507975.40	dispersed gene family protein 1 (DGF-1), putative	-0,5483	0,0001506
TcCLB.509167.100	valyl-tRNA synthetase, putative	-0,5484	4,251E-16
TcCLB.508013.10	mucin-associated surface protein (MASP, pseudogene), pu	-0,5486	0,3639
TcCLB.511233.50	hypothetical protein, conserved	-0,5487	0,00001431
TcCLB.508717.40	branch point binding protein, putative	-0,5488	0,00006846
TcCLB.511599.61	hypothetical protein, conserved (pseudogene)	-0,5489	0,006256
TcCLB.510361.100	mucin TcMUCII, putative	-0,5489	0,2085
TcCLB.506989.180	U3 small nucleolar ribonucleoprotein protein MPP10, putat	-0,549	2,899E-08
TcCLB.510435.5	hypothetical protein, conserved (pseudogene)	-0,549	0,002251
TcCLB.509753.180	hypothetical protein, conserved (pseudogene)	-0,549	0,0666
TcCLB.510219.40	hypothetical protein, conserved	-0,5491	0,0001185
TcCLB.511163.30	NGG1 interacting factor 3, putative	-0,5491	0,004325
TcCLB.507765.10	hypothetical protein, conserved	-0,5491	0,01703
TcCLB.510357.10	DnaJ chaperone protein, putative	-0,5493	2,046E-09
TcCLB.511287.130	hypothetical protein, conserved	-0,5494	1,346E-07
TcCLB.507809.119	hypothetical protein, conserved	-0,5496	1,857E-07
TcCLB.507969.70	hypothetical protein, conserved	-0,5496	0,001766
TcCLB.507105.20	mitochondrial RNA binding complex 1 subunit, putative	-0,5497	0,0001711
TcCLB.509525.50	hypothetical protein	-0,55	0,3725
TcCLB.508707.270	hypothetical protein, conserved	-0,5501	8,953E-08
TcCLB.506479.39	serine/threonine protein phosphatase 2A regulatory subun	-0,5503	0,00001883
TcCLB.510429.20	tRNA (guanine-N(7)-)-methyltransferase, putative	-0,5503	0,002711

TcCLB.510547.7	surface protease GP63 (pseudogene), putative	-0,5504	0,175
TcCLB.507757.10	hypothetical protein	-0,5505	0,0003879
TcCLB.504109.174	hypothetical protein, conserved	-0,5506	0,00002562
TcCLB.510693.230	mucin-associated surface protein (MASP), putative	-0,5506	0,2583
TcCLB.507969.30	sphingosine-1-phosphate phosphatase, putative	-0,5507	6,876E-07
TcCLB.506127.100	hypothetical protein, conserved	-0,5507	0,0001832
TcCLB.504239.390	syntaxin binding protein (pseudogene), putative	-0,5508	0,2863
TcCLB.508707.30	hypothetical protein, conserved	-0,551	4,075E-10
TcCLB.510895.29	hypothetical protein, conserved	-0,5511	0,006289
TcCLB.507143.10	hypothetical protein, conserved	-0,5512	4,209E-10
TcCLB.509951.20	hypothetical protein, conserved	-0,5512	0,04776
TcCLB.503869.60	coatamer beta subunit (pseudogene), putative	-0,5514	4,749E-10
TcCLB.507603.60	hypothetical protein, conserved	-0,5514	0,00004853
TcCLB.511277.260	hypothetical protein, conserved	-0,5515	0,00002727
TcCLB.510001.10	hypothetical Zinc-finger containing protein	-0,5515	0,000377
TcCLB.510743.50	phospholipase A2-like protein, putative	-0,5516	0,0001202
TcCLB.506335.130	trans-sialidase, Group V, putative	-0,5518	0,1747
TcCLB.508851.200	hypothetical protein, conserved	-0,5519	0,0002607
TcCLB.461165.4	hypothetical protein, conserved (fragment)	-0,5519	0,04599
TcCLB.508609.20	hypothetical protein	-0,5521	0,001543
TcCLB.507163.90	hypothetical protein, conserved	-0,5522	0,009949
TcCLB.509539.59	hypothetical protein, conserved	-0,5523	0,0134
TcCLB.507037.89	hypothetical protein, conserved	-0,5523	0,01552
TcCLB.509349.10	trans-sialidase (pseudogene), putative	-0,5523	0,2532
TcCLB.507083.109	hypothetical protein, conserved (fragment)	-0,5525	9,688E-11
TcCLB.506563.4	hypothetical protein, conserved	-0,5526	0,009842
TcCLB.510359.270	mitochondrial RNA-binding protein 2, putative	-0,5527	1,671E-06
TcCLB.511389.100	hypothetical protein, conserved	-0,5528	0,0001015
TcCLB.506949.20	hypothetical protein, conserved	-0,5529	1,069E-12
TcCLB.503419.50	MRB1-associated protein, putative (RGG2)	-0,553	0,00007162
TcCLB.504427.170	hypothetical protein, conserved	-0,553	0,0006102
TcCLB.507001.30	ankyrin repeat protein, putative	-0,553	0,007131
TcCLB.507389.20	hypothetical protein, conserved	-0,5532	0,002401
TcCLB.504441.10	trans-sialidase, putative (fragment)	-0,5533	0,2452
TcCLB.509775.30	hypothetical protein, conserved	-0,5534	1,443E-11
TcCLB.508815.140	protein transport protein SEC13, putative	-0,5534	7,229E-06
TcCLB.506945.220	serine/arginine-rich protein specific kinase SRPK, putative	-0,5535	7,656E-15
TcCLB.511275.40	hypothetical protein, conserved	-0,5535	0,001508
TcCLB.506223.90	hypothetical protein, conserved	-0,5536	0,00001314
TcCLB.507739.20	metallo-peptidase, Clan MA(E) Family M41	-0,5539	7,384E-08
TcCLB.508771.50	hypothetical protein, conserved	-0,554	1,097E-06
TcCLB.511711.10	hypothetical protein, conserved	-0,5541	8,427E-06
TcCLB.509949.9	dispersed gene family protein 1 (DGF-1), putative	-0,5547	0,02636
TcCLB.503919.4	hypothetical protein, conserved	-0,5547	0,0634
TcCLB.508727.44	hypothetical protein, conserved	-0,555	1,942E-07

TcCLB.510659.264	prenyl protein specific carboxyl methyltransferase, putative	-0,5551	0,000333
TcCLB.506201.160	hypothetical protein, conserved	-0,5553	0,02481
TcCLB.410199.30	trans-sialidase, Group VI, putative	-0,5554	0,004648
TcCLB.506629.170	hypothetical protein	-0,5556	0,02452
TcCLB.509287.10	hypothetical protein, conserved	-0,5558	0,001392
TcCLB.511859.90	hypothetical protein	-0,5559	0,002694
TcCLB.509179.80	hypothetical protein, conserved	-0,5559	0,009119
TcCLB.511867.10	hypothetical protein, conserved	-0,556	2,512E-06
TcCLB.510091.20	hypothetical protein, conserved	-0,556	0,004139
TcCLB.506939.209	mucin TcMUCII (pseudogene), putative	-0,5561	0,09371
TcCLB.505997.174	dispersed gene family protein 1 (DGF-1), putative	-0,5562	0,003081
TcCLB.507875.150	damage-specific DNA binding protein (pseudogene), putative	-0,5564	0,0007878
TcCLB.506579.100	hypothetical protein, conserved	-0,5568	0,00003195
TcCLB.510421.140	hypothetical protein, conserved	-0,5569	0,0003607
TcCLB.503639.30	hypothetical protein, conserved	-0,557	0,00005771
TcCLB.506525.40	syntaxin 5, putative	-0,5571	5,476E-06
TcCLB.511039.20	hypothetical protein, conserved	-0,5571	8,403E-06
TcCLB.508355.180	hypothetical protein, conserved	-0,5572	0,00003837
TcCLB.437999.9	hypothetical protein, conserved (fragment)	-0,5572	0,0003074
TcCLB.509157.230	hypothetical protein, conserved	-0,5573	8,548E-08
TcCLB.508911.80	hypothetical protein, conserved	-0,5576	0,0002117
TcCLB.506357.69	hypothetical protein, conserved	-0,5576	0,05069
TcCLB.511041.20	hypothetical protein, conserved	-0,5577	5,015E-10
TcCLB.503733.80	hypothetical protein, conserved	-0,5577	0,00000022
TcCLB.508455.30	hypothetical protein	-0,5578	0,3014
TcCLB.507103.20	hypothetical protein	-0,5581	9,917E-12
TcCLB.509603.19	malonyl-CoA decarboxylase, mitochondrial precursor, putative	-0,5584	0,02102
TcCLB.510595.10	hypothetical protein	-0,5587	2,469E-06
TcCLB.507603.10	hypothetical protein, conserved (pseudogene)	-0,5587	0,0003369
TcCLB.509047.40	hypothetical protein, conserved	-0,5589	2,937E-11
TcCLB.510599.30	hypothetical protein, conserved	-0,5589	2,06E-09
TcCLB.508579.20	hypothetical protein, conserved	-0,5589	0,01593
TcCLB.430281.10	retrotransposon hot spot protein (RHS, pseudogene), putative	-0,5589	0,07033
TcCLB.506269.10	mucin-associated surface protein (MASP), putative	-0,5591	0,05431
TcCLB.507437.10	mucin-associated surface protein (MASP), putative	-0,5592	0,07083
TcCLB.508741.390	hypothetical protein, conserved	-0,5594	9,533E-10
TcCLB.507159.14	hypothetical protein, conserved	-0,5594	0,003481
TcCLB.509187.10	trans-sialidase, Group II, putative	-0,5594	0,551
TcCLB.511051.30	nucleobase transporter, putative	-0,5595	3,232E-07
TcCLB.506753.160	hypothetical protein, conserved	-0,5596	0,002084
TcCLB.507819.11	N-acetyltransferase complex ARD1 subunit (pseudogene), putative	-0,5598	0,02148
TcCLB.506337.180	hypothetical protein, conserved	-0,5599	2,877E-07
TcCLB.510013.290	mucin-associated surface protein (MASP), putative	-0,5599	0,3516
TcCLB.506355.130	hypothetical protein, conserved	-0,56	2,866E-06
TcCLB.511031.49	hypothetical protein, conserved	-0,56	0,00009096

TcCLB.511029.20	kinetoplast-associated protein 3 (KAP3)	-0,56	0,0001332
TcCLB.511635.50	hypothetical protein, conserved	-0,5601	0,0008649
TcCLB.508875.20	mucin-associated surface protein (MASP), putative (fragm	-0,5601	0,004367
TcCLB.511585.40	DNA-damage inducible protein DDI1-like protein, putative	-0,5602	9,278E-07
TcCLB.507951.114	high mobility group protein, putative	-0,5604	1,034E-07
TcCLB.511391.24	dispersed gene family protein 1 (DGF-1, pseudogene), puta	-0,5604	0,0002318
TcCLB.506519.100	hypothetical protein, conserved	-0,5604	0,002506
TcCLB.503809.60	glycerol uptake protein (pseudogene), putative	-0,5605	0,00647
TcCLB.503833.20	hypothetical protein, conserved	-0,5606	3,338E-08
TcCLB.510867.9	dispersed gene family protein 1 (DGF-1), putative	-0,5606	0,007547
TcCLB.510367.20	retrotransposon hot spot protein (RHS, pseudogene), putat	-0,5606	0,009025
TcCLB.511321.50	hypothetical protein, conserved	-0,5607	4,469E-08
TcCLB.504207.29	hypothetical protein, conserved	-0,5607	0,00002397
TcCLB.506445.20	Eukaryotic translation initiation factor 4 gamma type 2, pu	-0,5611	5,45E-09
TcCLB.506221.120	hypothetical protein, conserved	-0,5611	0,0008623
TcCLB.511911.81	hypothetical protein, conserved (pseudogene)	-0,5611	0,01448
TcCLB.506871.10	hypothetical protein, conserved	-0,5612	0,00000984
TcCLB.504105.30	DNA-directed RNA polymerase III subunit C1, putative (RPC	-0,5613	9,325E-18
TcCLB.511277.50	hypothetical protein, conserved	-0,5615	3,21E-09
TcCLB.504047.20	hypothetical protein, conserved	-0,5615	6,878E-06
TcCLB.508891.4	hypothetical protein, conserved	-0,5617	0,0004401
TcCLB.507611.120	expression site-associated gene (ESAG-like) protein, putati	-0,5617	0,2943
TcCLB.511603.260	mucin TcMUCII, putative	-0,5618	0,3432
TcCLB.511751.30	queuine tRNA-ribosyltransferase, putative	-0,5621	8,416E-08
TcCLB.503561.20	hypothetical protein, conserved	-0,5622	0,0002423
TcCLB.507633.51	trans-sialidase (pseudogene), putative	-0,5622	0,2722
TcCLB.508153.450	hypothetical protein, conserved	-0,5623	2,981E-07
TcCLB.507629.10	hypothetical protein, conserved	-0,5624	3,865E-11
TcCLB.509751.4	hypothetical protein, conserved (fragment)	-0,5624	0,03844
TcCLB.507235.10	dispersed gene family protein 1 (DGF-1), putative	-0,5625	0,177
TcCLB.507011.150	hypothetical protein, conserved	-0,5626	0,0002569
TcCLB.509669.160	hypothetical protein, conserved	-0,5628	3,187E-08
TcCLB.508313.60	hypothetical protein	-0,5628	0,4138
TcCLB.511301.110	inosine-5'-monophosphate dehydrogenase, putative	-0,5629	2,146E-16
TcCLB.507663.50	ATP-dependent RNA helicase, putative	-0,563	4,626E-13
TcCLB.510719.200	telomerase reverse transcriptase, putative (TERT)	-0,563	0,00000312
TcCLB.511625.4	hypothetical protein, conserved	-0,5631	0,007748
TcCLB.510003.20	hypothetical protein, conserved	-0,5632	4,631E-13
TcCLB.508533.30	metalloprotease, putative	-0,5636	5,486E-11
TcCLB.511021.90	hypothetical protein	-0,5636	0,00002336
TcCLB.511255.618	syntaxin binding protein (pseudogene), putative	-0,5636	0,3053
TcCLB.507875.140	retrotransposon hot spot protein (RHS, pseudogene), putat	-0,5637	0,02727
TcCLB.508815.30	DNA repair protein, putative	-0,5639	6,095E-10
TcCLB.511511.30	hypothetical protein, conserved	-0,5641	4,72E-08
TcCLB.506793.70	hypothetical protein, conserved	-0,5642	4,052E-09



TcCLB.510531.54	small nuclear ribonucleoprotein, putative	-0,5642	5,234E-06
TcCLB.509753.126	hypothetical protein, conserved (pseudogene)	-0,5642	0,1096
TcCLB.509379.20	Tob55, putative	-0,5643	8,949E-06
TcCLB.511461.4	hypothetical protein, conserved (fragment)	-0,5643	0,005729
TcCLB.511623.10	hypothetical protein, conserved	-0,565	2,562E-08
TcCLB.510351.70	hypothetical protein, conserved	-0,565	0,00003739
TcCLB.511865.54	protein transport protein Sec61 gamma subunit, putative	-0,5651	0,00001169
TcCLB.508439.30	hypothetical protein, conserved	-0,5654	3,555E-06
TcCLB.510713.20	dispersed gene family protein 1 (DGF-1), putative	-0,5654	0,001203
TcCLB.511255.10	trans-sialidase, Group V, putative	-0,5654	0,1176
TcCLB.508207.50	hypothetical protein	-0,5655	0,002665
TcCLB.508661.70	Enriched in surface-labeled proteome protein 18 (ESP18)	-0,5656	0,00002533
TcCLB.510593.30	hypothetical protein, conserved	-0,5656	0,0000398
TcCLB.508595.30	hypothetical protein (pseudogene)	-0,5658	0,001746
TcCLB.507951.170	ADP-ribosylation factor-like protein 3, putative (arl3)	-0,5659	7,572E-06
TcCLB.504109.180	hypothetical protein, conserved	-0,5659	0,002525
TcCLB.447705.9	hypothetical protein, conserved	-0,566	0,02829
TcCLB.507513.130	hypothetical protein, conserved (pseudogene)	-0,5662	2,252E-11
TcCLB.509729.20	hypothetical protein, conserved	-0,5662	6,754E-07
TcCLB.511367.60	la RNA binding protein, putative	-0,5663	8,342E-11
TcCLB.506425.5	receptor-type adenylate cyclase, putative (fragment)	-0,5666	0,04583
TcCLB.508865.20	mitochondrial DNA polymerase I protein C, putative	-0,5669	1,547E-14
TcCLB.508963.40	trans-sialidase (pseudogene), putative	-0,5673	0,0001877
TcCLB.503557.49	hypothetical protein, conserved (fragment)	-0,5674	0,02974
TcCLB.506581.30	eukaryotic translation initiation factor 3 subunit L, putative	-0,5675	2,836E-12
TcCLB.410199.40	hypothetical protein	-0,5676	0,07679
TcCLB.506517.100	hypothetical protein, conserved	-0,5677	7,454E-08
TcCLB.511233.150	hypothetical protein	-0,5677	0,2888
TcCLB.508307.120	hypothetical protein, conserved	-0,5678	1,849E-10
TcCLB.511381.50	hypothetical protein, conserved	-0,5678	1,241E-06
TcCLB.504213.140	hypothetical protein, conserved	-0,5679	0,008551
TcCLB.510741.50	hypothetical protein, conserved	-0,568	9,321E-07
TcCLB.510755.110	hypothetical protein, conserved	-0,568	0,000535
TcCLB.509537.10	pre-mRNA splicing factor ATP-dependent RNA helicase, pu	-0,5681	0,00002764
TcCLB.506985.20	hypothetical protein, conserved	-0,5681	0,0002566
TcCLB.507765.30	hypothetical protein, conserved	-0,5682	0,00000314
TcCLB.430605.10	hypothetical protein, conserved	-0,5686	4,303E-11
TcCLB.510765.10	hypothetical protein, conserved	-0,5687	9,686E-06
TcCLB.509353.10	E1-like ubiquitin-activating enzyme, putative (UBA5)	-0,5687	0,009712
TcCLB.506673.60	AP-3 complex subunit beta, putative (AP3B)	-0,5689	8,286E-08
TcCLB.509167.70	hypothetical protein, conserved	-0,5689	0,00003599
TcCLB.510421.29	CAAX prenyl protease 2, putative	-0,5691	0,0004753
TcCLB.507967.4	hypothetical protein, conserved	-0,5694	0,004826
TcCLB.503555.10	DNA replication licensing factor MCM8, putative	-0,5695	0,00009158
TcCLB.511893.40	receptor-type adenylate cyclase, putative (fragment)	-0,5696	0,04893

TcCLB.508163.105	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	-0,5697	0,241
TcCLB.506885.440	hypothetical protein, conserved	-0,5699	9,797E-09
TcCLB.508347.40	hypothetical protein, conserved	-0,5704	4,517E-13
TcCLB.509073.30	ubiquitin hydrolase, putative	-0,5704	2,859E-10
TcCLB.508283.69	dispersed gene family protein 1 (DGF-1), putative (fragme	-0,5704	0,006621
TcCLB.511463.20	AMPK subunit gamma (AMPKG)	-0,5708	0,00007392
TcCLB.511519.18	hypothetical protein, conserved	-0,5708	0,003082
TcCLB.510889.200	hypothetical protein, conserved	-0,5711	1,045E-07
TcCLB.508257.240	hypothetical protein, conserved	-0,5711	0,00004728
TcCLB.511527.20	TFIIH basal transcription factor complex helicase XPB subu	-0,5714	4,264E-08
TcCLB.503555.40	ATP-dependent RNA helicase, putative	-0,5715	6,232E-09
TcCLB.511287.90	ribosome biogenesis protein, putative	-0,5716	1,285E-08
TcCLB.509631.60	dispersed gene family protein 1 (DGF-1), putative	-0,5716	0,01397
TcCLB.510953.30	hypothetical protein, conserved	-0,5717	3,283E-06
TcCLB.504155.230	mucin-associated surface protein (MASP), putative	-0,5717	0,1485
TcCLB.511529.40	hypothetical protein, conserved	-0,5718	0,00005987
TcCLB.511109.100	DNA replication licensing factor MCM3, putative	-0,5719	0,0003648
TcCLB.506477.40	Tubulin/FtsZ family, putative	-0,572	8,185E-08
TcCLB.511587.36	N-acetyltransferase complex ARD1 subunit (pseudogene),	-0,572	0,07609
TcCLB.509105.150	heat shock protein 85, putative	-0,5722	2,793E-08
TcCLB.503957.60	trans-sialidase (pseudogene), putative	-0,5723	0,00005955
TcCLB.505009.10	hypothetical protein, conserved	-0,5725	0,00004119
TcCLB.506287.20	hypothetical protein, conserved	-0,5725	0,001596
TcCLB.507709.70	hypothetical protein, conserved	-0,5726	1,063E-06
TcCLB.507641.220	hypothetical protein	-0,5726	2,172E-06
TcCLB.507281.9	dispersed gene family protein 1 (DGF-1, pseudogene), puta	-0,5726	0,1037
TcCLB.509047.70	hypothetical protein, conserved	-0,5727	0,0005355
TcCLB.511589.260	glycyl-tRNA synthetase, putative	-0,5727	0,001951
TcCLB.511417.40	DNA-directed RNA polymerase III, putative	-0,5728	1,103E-07
TcCLB.508035.10	dispersed gene family protein 1 (DGF-1, pseudogene), puta	-0,5728	0,1463
TcCLB.511855.20	ubiquitin-like protein, putative	-0,5729	3,483E-12
TcCLB.506925.80	hypothetical protein, conserved	-0,5732	1,091E-08
TcCLB.503689.34	hypothetical protein, conserved	-0,5733	0,02659
TcCLB.506579.30	myo-inositol-1 phosphatase, putative	-0,5734	1,13E-10
TcCLB.510727.9	hypothetical protein, conserved (fragment)	-0,5734	0,001409
TcCLB.508857.60	hypothetical protein, conserved	-0,5735	0,00006246
TcCLB.507993.220	ARF-like 2-binding protein, putative	-0,5735	0,007945
TcCLB.508277.10	condensin subunit 1, putative	-0,5736	3,237E-10
TcCLB.462761.4	hypothetical protein, conserved	-0,5736	0,004457
TcCLB.510551.10	dispersed gene family protein 1 (DGF-1, pseudogene), puta	-0,5737	0,05121
TcCLB.504239.270	hypothetical protein	-0,5738	0,3458
TcCLB.506783.10	hypothetical protein, conserved (pseudogene)	-0,574	0,04077
TcCLB.508153.1040	hypothetical protein, conserved	-0,5741	4,71E-07
TcCLB.510901.60	replication factor A, 51kDa subunit, putative	-0,5742	3,39E-08
TcCLB.507099.130	hypothetical protein, conserved	-0,5742	0,0001013

TcCLB.508153.830	peter pan protein, putative	-0,5743	0,00004709
TcCLB.511183.371	hypothetical protein, conserved (pseudogene)	-0,5745	0,2287
TcCLB.504195.9	dispersed gene family protein 1 (DGF-1, pseudogene), putative	-0,5746	0,06121
TcCLB.511421.30	hypothetical protein, conserved	-0,5747	0,00001995
TcCLB.507795.80	hypothetical protein, conserved	-0,5748	7,171E-07
TcCLB.508261.166	hypothetical protein, conserved (pseudogene)	-0,5748	0,04504
TcCLB.439991.10	trans-sialidase (pseudogene), putative	-0,5749	0,05705
TcCLB.510307.191	protein kinase (pseudogene), putative	-0,5751	3,908E-08
TcCLB.507623.125	hypothetical protein, conserved	-0,5751	0,06831
TcCLB.506471.10	hypothetical protein, conserved	-0,5752	5,52E-07
TcCLB.506439.18	hypothetical protein, conserved	-0,5753	7,972E-06
TcCLB.503609.10	trans-sialidase (pseudogene), putative	-0,5753	0,347
TcCLB.506297.200	inositol-1,4,5-trisphosphate (IP3) 5-phosphatase, putative	-0,5755	5,647E-08
TcCLB.507165.40	hypothetical protein, conserved	-0,5755	0,0006369
TcCLB.511315.20	hypothetical protein, conserved	-0,5756	0,00000059
TcCLB.507099.90	hypothetical protein, conserved	-0,5757	1,573E-09
TcCLB.510105.80	folylpolyglutamate synthetase (FPGS)	-0,5757	0,0000134
TcCLB.509255.10	hypothetical protein, conserved	-0,5758	9,874E-09
TcCLB.511233.90	hypothetical protein, conserved	-0,5759	0,003455
TcCLB.508257.250	hypothetical protein, conserved	-0,576	1,148E-19
TcCLB.506339.100	dispersed gene family protein 1 (DGF-1), putative	-0,5762	0,004046
TcCLB.511585.200	hypothetical protein, conserved	-0,5763	2,854E-06
TcCLB.404001.10	hypothetical protein, conserved	-0,5764	1,395E-07
TcCLB.508221.310	trans-sialidase (pseudogene), putative	-0,5764	0,1419
TcCLB.509267.10	hypothetical protein, conserved	-0,5765	3,268E-09
TcCLB.506945.330	hypothetical protein, conserved	-0,5767	1,932E-14
TcCLB.504157.40	DNA replication licensing factor MCM3, putative	-0,5769	0,00003046
TcCLB.506821.190	hypothetical protein, conserved	-0,5771	1,058E-06
TcCLB.439125.10	Peptide chain release factor 1, mitochondrial, putative (RF1)	-0,5771	0,0002136
TcCLB.510879.140	hypothetical protein, conserved	-0,5772	3,363E-06
TcCLB.510699.27	elongation factor 1-gamma (EF-1-gamma, pseudogene), putative	-0,5772	0,3005
TcCLB.508141.80	hypothetical protein, conserved	-0,5774	4,105E-10
TcCLB.509965.290	p22 protein precursor, putative	-0,5776	7,334E-09
TcCLB.507089.100	hypothetical protein, conserved	-0,5778	0,00001221
TcCLB.503827.80	syntaxin binding protein (pseudogene), putative	-0,5778	0,0562
TcCLB.503717.10	trans-sialidase, Group V, putative	-0,5779	0,05568
TcCLB.508857.50	hypothetical protein, conserved	-0,578	8,387E-15
TcCLB.508355.340	hypothetical protein, conserved	-0,578	0,0003807
TcCLB.506679.120	hypothetical protein	-0,5781	0,0001004
TcCLB.508951.29	actin-like protein, putative	-0,5782	0,00005087
TcCLB.404001.4	metalloprotease, putative (fragment)	-0,5783	1,625E-10
TcCLB.508999.30	Pre-mRNA-splicing factor 38, putative	-0,5784	0,01059
TcCLB.508153.820	inorganic pyrophosphatase, putative	-0,5788	0,00007249
TcCLB.507091.150	hypothetical protein, conserved (pseudogene)	-0,5788	0,0005135
TcCLB.506945.160	S-adenosylmethionine synthetase, putative (METK1)	-0,5792	1,574E-13

TcCLB.508909.260	hypothetical protein, conserved	-0,5793	0,009746
TcCLB.508165.350	mucin-associated surface protein (MASP), putative	-0,5793	0,1772
TcCLB.511425.10	serine/threonine protein phosphatase 2A regulatory subun	-0,5794	0,002173
TcCLB.509319.10	hypothetical protein, conserved	-0,5798	0,00005699
TcCLB.510963.5	hypothetical protein, conserved (fragment)	-0,5798	0,007171
TcCLB.511051.20	hypothetical protein, conserved	-0,5803	0,00008924
TcCLB.510303.299	hypothetical protein	-0,5805	0,00002384
TcCLB.507005.10	hypothetical protein	-0,5805	0,0198
TcCLB.506175.5	hypothetical protein, conserved	-0,5808	0,002508
TcCLB.505983.9	tryparedoxin peroxidase, putative	-0,5812	6,272E-08
TcCLB.508909.40	hypothetical protein, conserved	-0,5812	1,138E-06
TcCLB.504251.30	hypothetical protein, conserved	-0,5813	6,416E-07
TcCLB.510475.110	mucin TcMUCII, putative	-0,5813	0,2596
TcCLB.506855.280	DNA repair and recombination helicase protein PIF6, putat	-0,5814	3,757E-08
TcCLB.473619.9	dispersed gene family protein 1 (DGF-1), putative (fragme	-0,5815	0,3286
TcCLB.506767.215	hypothetical protein, conserved (pseudogene)	-0,5815	0,4261
TcCLB.510081.40	trans-sialidase (pseudogene), putative	-0,5816	0,6063
TcCLB.510607.29	dispersed gene family protein 1 (DGF-1), putative (fragme	-0,5817	0,0107
TcCLB.506469.70	hypothetical protein	-0,5818	0,01549
TcCLB.510189.51	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	-0,5818	0,2768
TcCLB.506643.10	mucin-associated surface protein (MASP), putative	-0,5819	0,5051
TcCLB.511315.9	ATP-dependent RNA helicase, putative	-0,5824	0,001191
TcCLB.506625.140	hypothetical protein, conserved	-0,5826	0,00001827
TcCLB.506739.20	hypothetical protein, conserved	-0,5828	9,797E-09
TcCLB.504167.30	protein kinase, putative	-0,5829	0,00006969
TcCLB.507897.20	squalene synthase, putative	-0,5831	1,83E-20
TcCLB.510689.50	cell differentiation protein, putative	-0,5831	7,347E-07
TcCLB.511529.9	hypothetical protein, conserved	-0,5832	2,191E-08
TcCLB.503797.10	hypothetical protein, conserved	-0,5835	0,002791
TcCLB.508409.280	hypothetical protein, conserved	-0,5836	0,0001165
TcCLB.507689.10	dihydrouridine synthase (Dus, pseudogene), putative	-0,5836	0,01397
TcCLB.504039.170	mucin-associated surface protein (MASP, pseudogene), pu	-0,5837	0,258
TcCLB.509205.30	eukaryotic translation initiation factor, putative	-0,5838	1,871E-07
TcCLB.510259.50	21 kDa cyclophilin, putative (CYP21)	-0,5839	7,149E-08
TcCLB.503527.4	hypothetical protein, conserved (pseudogene)	-0,5839	1,201E-07
TcCLB.507507.20	ADP-ribosylation factor GTPase activating protein 1, putati	-0,5839	1,727E-06
TcCLB.511481.10	hypothetical protein, conserved	-0,5839	0,0003854
TcCLB.503859.25	surface protease GP63 (pseudogene), putative	-0,5839	0,3338
TcCLB.506821.90	hypothetical protein, conserved	-0,5841	0,00000211
TcCLB.510421.50	hypothetical protein, conserved	-0,5844	1,066E-06
TcCLB.503865.40	hypothetical protein, conserved	-0,5844	0,00008309
TcCLB.509681.10	hypothetical protein, conserved	-0,5844	0,2386
TcCLB.504179.60	hypothetical protein, conserved	-0,5847	2,898E-07
TcCLB.506655.20	polyubiquitin (pseudogene), putative	-0,5847	0,04424
TcCLB.506883.50	Present in the outer mitochondrial membrane proteome 5	-0,5848	3,682E-07

TcCLB.440363.19	Vacuolar iron transporter 1, putative (fragment) (VIT1)	-0,5848	0,000256
TcCLB.509657.50	mucin-associated surface protein (MASP), putative	-0,5848	0,281
TcCLB.509105.140	heat shock protein 85, putative	-0,5849	1,043E-08
TcCLB.508479.380	hypothetical protein, conserved	-0,5849	4,334E-07
TcCLB.511353.20	hypothetical protein, conserved	-0,585	1,569E-07
TcCLB.508999.170	surface protease GP63, putative	-0,5851	0,7842
TcCLB.511493.10	quiescin sulfhydryl oxidase, putative (QSOX)	-0,5855	0,0000312
TcCLB.509395.20	phosphatidylinositol kinase related protein, putative	-0,5857	7,324E-13
TcCLB.510329.30	hypothetical protein, conserved	-0,5857	1,479E-07
TcCLB.505037.60	NIMA/Nek Serine/threonine-protein kinase family, putative	-0,5859	9,278E-07
TcCLB.508693.80	ruvB-like DNA helicase, putative	-0,586	7,953E-13
TcCLB.509023.130	DNA replication licensing factor MCM4, putative (MCM4)	-0,5862	3,244E-07
TcCLB.510667.40	DNA repair protein RAD2, putative	-0,5867	3,649E-07
TcCLB.506251.40	hypothetical protein	-0,5871	1,75E-09
TcCLB.508431.10	dispersed gene family protein 1 (DGF-1, pseudogene), putative	-0,5877	0,001235
TcCLB.507789.9	dispersed gene family protein 1 (DGF-1), putative (fragment)	-0,5877	0,03041
TcCLB.510013.70	mucin-associated surface protein (MASP), putative	-0,5877	0,3121
TcCLB.508153.30	Protein tilB homolog, putative (LRTP)	-0,5881	0,00005876
TcCLB.506595.10	dispersed gene family protein 1 (DGF-1), putative	-0,5881	0,02103
TcCLB.504431.10	hypothetical protein, conserved	-0,5885	2,525E-07
TcCLB.508431.60	hypothetical protein, conserved (pseudogene)	-0,5886	0,04009
TcCLB.509345.20	trans-sialidase (pseudogene), putative	-0,5887	0,04097
TcCLB.508153.850	hypothetical protein, conserved	-0,5889	3,763E-10
TcCLB.509619.20	hypothetical protein, conserved (pseudogene)	-0,589	0,003347
TcCLB.511745.50	hypothetical protein, conserved	-0,589	0,003599
TcCLB.511183.409	mucin TcMUC (pseudogene), putative	-0,5892	0,1656
TcCLB.507483.4	polyubiquitin (pseudogene), putative	-0,5894	0,0164
TcCLB.509503.9	dispersed gene family protein 1 (DGF-1), putative (fragment)	-0,5894	0,09837
TcCLB.508953.28	hypothetical protein, conserved	-0,5896	0,0002709
TcCLB.508163.181	hypothetical protein, conserved (pseudogene)	-0,5896	0,1339
TcCLB.504449.14	hypothetical protein, conserved (fragment)	-0,5898	3,359E-14
TcCLB.508823.50	40S ribosomal protein S14, putative	-0,59	2,241E-15
TcCLB.507211.40	inosine-5'-monophosphate dehydrogenase, putative	-0,59	1,402E-14
TcCLB.511041.30	hypothetical protein, conserved	-0,5903	1,698E-11
TcCLB.510257.30	ribulose-5-phosphate 3-epimerase, putative	-0,5903	0,0001048
TcCLB.508727.24	hypothetical protein	-0,5904	2,89E-10
TcCLB.507011.50	Pre-rRNA-processing protein PNO1, putative (PNO1)	-0,5906	3,398E-06
TcCLB.508625.100	hypothetical protein, conserved (pseudogene)	-0,5909	5,17E-07
TcCLB.507053.140	hypothetical protein, conserved	-0,5909	0,00008807
TcCLB.510661.270	replication factor C, subunit 3, putative	-0,5911	0,00001578
TcCLB.504261.100	mucin-associated surface protein (MASP, pseudogene), putative	-0,5913	0,1599
TcCLB.503819.20	DNA-directed RNA polymerase III subunit, putative	-0,5914	0,004018
TcCLB.505163.80	oligosaccharyl transferase subunit, putative	-0,5916	8,978E-22
TcCLB.508851.154	hypothetical protein, conserved	-0,5917	0,02275
TcCLB.504207.10	hypothetical protein, conserved	-0,5918	0,00001179

TcCLB.508209.10	hypothetical protein, conserved (pseudogene)	-0,5918	0,02069
TcCLB.507785.20	proteasome subunit alpha type-1, putative (fragment) (PS)	-0,5918	0,2017
TcCLB.506227.220	hypothetical protein, conserved	-0,5921	2,596E-08
TcCLB.507621.10	retrotransposon hot spot protein (RHS, pseudogene), putative	-0,5921	0,04263
TcCLB.506275.90	hypothetical protein, conserved	-0,5922	0,00001007
TcCLB.506305.40	kinesin, putative	-0,5922	0,01342
TcCLB.507757.40	hypothetical protein	-0,5926	2,705E-08
TcCLB.511459.50	hypothetical protein, conserved	-0,5932	0,0002209
TcCLB.506245.110	dispersed gene family protein 1 (DGF-1, pseudogene), putative	-0,5933	0,1032
TcCLB.511755.60	ATP-dependent RNA helicase, putative	-0,5934	5,365E-14
TcCLB.503897.120	hypothetical protein, conserved	-0,5934	4,795E-08
TcCLB.510303.50	deoxyribose-phosphate aldolase, putative	-0,5936	5,995E-07
TcCLB.510163.40	surface protease GP63 (pseudogene), putative	-0,5936	0,00002739
TcCLB.510465.140	mucin-associated surface protein (MASP), putative	-0,5936	0,1275
TcCLB.510311.130	DNA repair helicase, putative	-0,5939	5,189E-09
TcCLB.507681.250	hypothetical protein, conserved	-0,5941	4,831E-06
TcCLB.506445.70	hypothetical protein, conserved	-0,5942	8,005E-06
TcCLB.508175.270	hypothetical protein	-0,5945	0,0002175
TcCLB.510129.30	procyclic form surface phosphoprotein, putative	-0,5946	1,916E-08
TcCLB.511619.10	hypothetical protein, conserved	-0,5946	0,0002091
TcCLB.506501.210	surface protease GP63 (pseudogene), putative	-0,5946	0,3612
TcCLB.510971.60	protein kinase, putative	-0,5948	1,508E-06
TcCLB.510879.130	hypothetical protein, conserved	-0,5948	7,382E-06
TcCLB.506885.489	dispersed gene family protein 1 (DGF-1), putative	-0,595	0,006769
TcCLB.506585.40	glucose-regulated protein 78, putative	-0,5953	1,084E-16
TcCLB.511295.30	hypothetical protein, conserved	-0,5953	6,484E-12
TcCLB.509161.135	hypothetical protein, conserved	-0,5954	0,00005502
TcCLB.509915.20	dispersed gene family protein 1 (DGF-1), putative	-0,5955	0,002621
TcCLB.511805.29	2,3-bisphosphoglycerate-independent phosphoglycerate m	-0,5957	0,009087
TcCLB.508601.70	hypothetical protein, conserved	-0,5959	0,00005908
TcCLB.509265.23	N-acetyltransferase complex ARD1 subunit (pseudogene),	-0,5959	0,06064
TcCLB.507515.130	hypothetical protein, conserved	-0,596	0,000124
TcCLB.511197.10	trans-sialidase, putative	-0,5961	0,07755
TcCLB.506805.20	hypothetical protein	-0,5961	0,1202
TcCLB.509399.100	hypothetical protein, conserved	-0,5963	5,244E-10
TcCLB.504883.70	hypothetical protein, conserved (pseudogene)	-0,5964	6,65E-17
TcCLB.504261.40	mucin-associated surface protein (MASP), putative	-0,5965	0,1187
TcCLB.507839.30	dispersed gene family protein 1 (DGF-1), putative	-0,5965	0,2367
TcCLB.508157.10	serine-alanine-and proline-rich protein (pseudogene), putative	-0,5968	0,04548
TcCLB.506961.97	N-acetyltransferase complex ARD1 subunit (pseudogene),	-0,5968	0,09944
TcCLB.506789.290	hypothetical protein, conserved	-0,5973	8,234E-10
TcCLB.506357.150	hypothetical protein, conserved	-0,5974	3,218E-08
TcCLB.509109.150	hypothetical protein, conserved	-0,5975	0,0003088
TcCLB.508873.460	mucin-associated surface protein (MASP), putative	-0,5975	0,002771
TcCLB.507929.20	co-chaperone GrpE, putative	-0,5976	1,217E-08

TcCLB.511499.50	ubiquitin hydrolase, putative	-0,5977	1,787E-08
TcCLB.506179.40	hypothetical protein, conserved	-0,5977	0,00001081
TcCLB.507063.90	mitochondrial DNA polymerase beta, putative	-0,5979	3,856E-11
TcCLB.504229.30	protein kinase, putative	-0,598	9,231E-08
TcCLB.511211.80	hypothetical protein, conserved	-0,598	9,552E-06
TcCLB.508707.210	DNA replication licensing factor MCM7, putative	-0,5981	1,132E-08
TcCLB.511281.50	surface protease GP63, putative	-0,5982	0,001505
TcCLB.506509.20	hypothetical protein, conserved	-0,5984	0,0004754
TcCLB.511277.370	phosphatidic acid phosphatase, putative	-0,5984	0,0006814
TcCLB.509179.180	zinc-finger protein ZPR1, putative	-0,5987	1,092E-07
TcCLB.511189.80	small nuclear ribonucleoprotein SmD2, putative	-0,5987	2,037E-06
TcCLB.504045.130	kinesin, putative (fragment)	-0,5987	0,03924
TcCLB.510443.20	hypothetical protein, conserved	-0,5989	0,00001197
TcCLB.508719.9	hypothetical protein, conserved	-0,599	7,401E-13
TcCLB.510053.20	hypothetical protein, conserved	-0,599	5,454E-08
TcCLB.509671.110	hypothetical protein, conserved	-0,5991	2,862E-06
TcCLB.508815.110	serine/threonine protein phosphatase catalytic subunit, pu	-0,5992	1,789E-11
TcCLB.511267.40	hypothetical protein, conserved	-0,5992	0,04291
TcCLB.506941.229	pre-mRNA cleavage complex II Clp1 protein, putative	-0,5994	5,136E-07
TcCLB.507023.30	pseudouridine synthase A-like protein, putative	-0,5996	1,713E-07
TcCLB.508903.10	trans-sialidase (pseudogene), putative	-0,5997	0,04698
TcCLB.503541.10	hypothetical protein, conserved	-0,5998	0,00005816
TcCLB.508825.30	surface protease GP63 (pseudogene), putative	-0,6001	0,00003429
TcCLB.506945.359	damage-specific DNA binding protein, putative	-0,6006	2,713E-08
TcCLB.509233.170	hypothetical protein, conserved	-0,6007	0,0005483
TcCLB.510449.20	hypothetical protein, conserved (pseudogene)	-0,6009	0,1949
TcCLB.509259.10	trans-sialidase (pseudogene), putative	-0,6012	0,04538
TcCLB.510059.10	dispersed gene family protein 1 (DGF-1), putative	-0,6012	0,1535
TcCLB.407477.44	hypothetical protein, conserved	-0,6013	0,01223
TcCLB.510735.70	hypothetical protein, conserved	-0,6014	0,00001338
TcCLB.472777.30	protein disulfide isomerase, putative	-0,6014	0,00277
TcCLB.506481.20	hypothetical protein, conserved	-0,6022	7,251E-19
TcCLB.510089.90	hypothetical protein, conserved	-0,6026	4,146E-06
TcCLB.509509.40	hypothetical protein, conserved	-0,6029	0,00745
TcCLB.506691.30	hypothetical protein, conserved	-0,603	3,759E-15
TcCLB.511733.110	GTPase activating protein of Rab-like GTPase, putative	-0,6033	4,357E-06
TcCLB.509007.10	hypothetical protein, conserved	-0,6034	1,047E-08
TcCLB.511499.20	hypothetical protein, conserved	-0,6034	2,119E-06
TcCLB.510679.14	hypothetical protein, conserved	-0,6034	0,008993
TcCLB.511299.70	mitogen-activated protein kinase, putative	-0,6035	8,955E-08
TcCLB.503755.10	DNA polymerase kappa, putative	-0,6038	2,972E-07
TcCLB.506363.130	hypothetical protein, conserved	-0,6039	0,00001312
TcCLB.507927.30	hypothetical protein, conserved	-0,6042	0,0002781
TcCLB.508181.30	hypothetical protein, conserved	-0,6043	3,553E-14
TcCLB.511365.80	mitochondrial carrier protein, putative	-0,6046	2,911E-06

TcCLB.507735.10	hypothetical protein, conserved	-0,6047	0,004708
TcCLB.510729.40	hypothetical protein, conserved	-0,6051	0,0001351
TcCLB.511283.220	hypothetical protein, conserved	-0,6052	1,2E-11
TcCLB.507395.14	hypothetical protein, conserved	-0,6052	7,625E-06
TcCLB.508121.155	mucin TcMUCII (pseudogene), putative	-0,6053	0,1792
TcCLB.511903.200	hypothetical protein, conserved	-0,6055	6,58E-07
TcCLB.506737.20	protein kinase, putative	-0,6056	5,783E-08
TcCLB.503861.100	trans-sialidase (pseudogene), putative	-0,6057	0,0009145
TcCLB.510329.100	leucine-rich repeat protein, putative	-0,6058	1,113E-07
TcCLB.508187.10	vacuolar protein sorting-associated protein, putative (fragr	-0,606	1,785E-06
TcCLB.507873.20	cell differentiation protein, putative	-0,606	4,718E-06
TcCLB.507017.64	hypothetical protein, conserved	-0,606	0,0006376
TcCLB.503779.70	hypothetical protein, conserved	-0,6061	0,007113
TcCLB.510819.10	Eukaryotic translation initiation factor 4 gamma type 1, pu	-0,6062	4,087E-09
TcCLB.511903.140	tubulin folding cofactor D (pseudogene), putative	-0,6065	1,965E-12
TcCLB.509751.20	hypothetical protein, conserved	-0,6068	9,272E-08
TcCLB.503489.20	hypothetical protein, conserved	-0,6068	0,00002559
TcCLB.509573.40	hypothetical protein, conserved	-0,6068	0,01234
TcCLB.507381.31	retrotransposon hot spot protein (RHS, pseudogene), putat	-0,6071	1,659E-06
TcCLB.410199.20	hypothetical protein	-0,6071	0,02276
TcCLB.509527.10	mucin TcMUCII, putative	-0,6072	0,186
TcCLB.511189.100	hypothetical protein, conserved	-0,6075	1,856E-06
TcCLB.504113.30	hypothetical protein, conserved	-0,6075	0,001046
TcCLB.506753.100	hypothetical protein, conserved	-0,6076	0,003368
TcCLB.504021.20	hypothetical protein, conserved	-0,6076	0,08306
TcCLB.504203.4	hypothetical protein, conserved	-0,6077	6,478E-06
TcCLB.507211.30	hypothetical protein, conserved	-0,608	0,00005948
TcCLB.508831.30	hypothetical protein, conserved	-0,608	0,00008414
TcCLB.506955.79	surface protease GP63 (pseudogene), putative	-0,6082	0,2127
TcCLB.506577.10	hypothetical protein, conserved	-0,6083	0,0007624
TcCLB.506173.179	trans-sialidase (pseudogene), putative	-0,6084	0,02104
TcCLB.402857.20	hypothetical protein	-0,6085	4,459E-13
TcCLB.506885.170	hypothetical protein, conserved	-0,6085	0,00003576
TcCLB.510743.10	ubiquitin-activating enzyme E1, putative	-0,6089	1,043E-10
TcCLB.511043.30	DnaJ chaperone protein, putative (TcJ6)	-0,6089	5,167E-10
TcCLB.507643.50	dispersed gene family protein 1 (DGF-1), putative	-0,6089	0,0000474
TcCLB.503971.59	hypothetical protein, conserved (fragment)	-0,6089	0,00007025
TcCLB.510769.100	hypothetical protein, conserved	-0,6091	1,127E-07
TcCLB.508307.140	hypothetical protein, conserved	-0,6092	1,832E-07
TcCLB.507711.320	DNA mismatch repair protein MSH2, putative (MSH2)	-0,6093	2,195E-12
TcCLB.506713.40	N-acetyltransferase complex ARD1 subunit, putative	-0,6093	0,002637
TcCLB.511603.141	syntaxin binding protein (pseudogene), putative	-0,6093	0,2004
TcCLB.510089.10	mucin-associated surface protein (MASP), putative	-0,6094	0,06973
TcCLB.508879.10	hypothetical protein, conserved	-0,6095	3,945E-07
TcCLB.505073.20	hypothetical protein	-0,6097	1,145E-10



TcCLB.510647.20	hypothetical protein, conserved	-0,6097	2,195E-08
TcCLB.507837.60	Suppressor of G2 allele of SKP1, putative	-0,6098	6,992E-06
TcCLB.508233.25	hypothetical protein	-0,6098	0,00009996
TcCLB.510635.50	zinc-binding phosphatase, putative	-0,6099	1,865E-07
TcCLB.507787.10	kinesin-like protein (pseudogene), putative	-0,6099	0,00002764
TcCLB.408573.5	hypothetical protein	-0,6099	0,2039
TcCLB.506131.151	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	-0,61	0,312
TcCLB.510291.40	serine/threonine protein kinase, putative	-0,6102	0,003949
TcCLB.507633.90	hypothetical protein	-0,6103	0,1274
TcCLB.508761.130	hypothetical protein	-0,6103	0,3473
TcCLB.509945.10	ERAD-associated E3 ubiquitin-protein ligase HRD1, putative	-0,6104	2,199E-10
TcCLB.511715.20	protein kinase, putative	-0,6106	9,512E-07
TcCLB.511867.30	hypothetical protein, conserved	-0,6106	0,00006569
TcCLB.503579.10	hypothetical protein, conserved	-0,611	2,833E-07
TcCLB.504081.530	mucin-associated surface protein (MASP), putative	-0,611	0,2247
TcCLB.506725.80	hypothetical protein, conserved	-0,6111	8,176E-07
TcCLB.508221.420	mucin-associated surface protein (MASP), putative	-0,6113	0,2035
TcCLB.511185.130	dispersed gene family protein 1 (DGF-1), putative	-0,6115	0,07157
TcCLB.506665.10	hypothetical protein	-0,6116	0,2133
TcCLB.508707.40	hypothetical protein, conserved	-0,6118	2,374E-09
TcCLB.510437.79	heat shock protein 70, putative	-0,6119	0,0003619
TcCLB.507895.50	dispersed gene family protein 1 (DGF-1, pseudogene), putative	-0,6119	0,1535
TcCLB.506679.260	hypothetical protein, conserved	-0,6122	9,326E-09
TcCLB.508817.80	protein kinase, putative	-0,6124	7,566E-06
TcCLB.509065.124	U6 snRNA-associated Sm-like protein LSm5p	-0,6124	0,002983
TcCLB.511229.110	glycyl-tRNA synthetase, putative	-0,6126	6,681E-13
TcCLB.507941.110	hypothetical protein, conserved	-0,6127	2,974E-06
TcCLB.508579.30	kinesin, putative	-0,6128	0,00001429
TcCLB.421621.35	surface protease GP63 (pseudogene), putative	-0,6128	0,2736
TcCLB.509965.250	ubiquitin fusion degradation protein 2, putative	-0,6129	4,714E-13
TcCLB.508699.10	DNA topoisomerase II, putative	-0,613	9,008E-15
TcCLB.510311.150	mitochondrial protein 99, putative (MP99)	-0,613	1,779E-08
TcCLB.506947.20	hypothetical protein, conserved	-0,6132	2,668E-08
TcCLB.507237.89	mucin TcMUCII, putative	-0,6133	0,3913
TcCLB.511425.30	hypothetical protein, conserved	-0,6137	4,825E-06
TcCLB.510821.50	replication Factor A 28 kDa subunit, putative	-0,6138	9,01E-11
TcCLB.509719.20	ATP-dependent DEAD/H RNA helicase, putative	-0,6142	4,163E-09
TcCLB.442297.10	ARP2/3 complex 16kDa subunit, putative	-0,6145	0,0001402
TcCLB.508221.20	trans-sialidase (pseudogene), putative	-0,6146	0,01154
TcCLB.510275.180	elongation factor 1-gamma (EF-1-gamma), putative	-0,6146	0,2987
TcCLB.510351.120	Nudix hydrolase 2, putative (Nudix2)	-0,6147	3,608E-06
TcCLB.507517.100	pseudouridylate synthase I, putative	-0,6147	9,155E-06
TcCLB.509965.380	dTDP-glucose 4,6-dehydratase, putative	-0,6148	5,833E-09
TcCLB.510733.60	DNA polymerase epsilon catalytic subunit, putative	-0,6149	1,708E-12
TcCLB.509991.29	cyclophilin 15, putative	-0,615	1,338E-06

TcCLB.407477.30	diphthine synthase, putative	-0,6151	0,00003046
TcCLB.510693.50	trans-sialidase (pseudogene), putative	-0,6151	0,07106
TcCLB.508693.40	hypothetical protein, conserved	-0,6152	2,351E-10
TcCLB.510275.390	mucin TcMUCII (pseudogene), putative	-0,6154	0,2603
TcCLB.506255.20	hypothetical protein, conserved	-0,6155	0,0006117
TcCLB.504147.10	hypothetical protein, conserved	-0,6157	1,759E-11
TcCLB.508293.100	chitin-binding like protein, putative	-0,6157	0,2423
TcCLB.508661.50	ribonuclease H, putative	-0,6158	0,00006618
TcCLB.510021.220	trans-sialidase, Group V, putative	-0,6158	0,01243
TcCLB.506247.140	hypothetical protein, conserved	-0,6159	5,196E-09
TcCLB.511115.10	hypothetical protein, conserved	-0,6161	1,101E-09
TcCLB.511255.330	mucin-associated surface protein (MASP), putative	-0,6161	0,2708
TcCLB.507687.10	trans-sialidase, putative	-0,6162	0,01519
TcCLB.507019.140	CDC16, putative	-0,6164	5,962E-07
TcCLB.506753.30	hypothetical protein	-0,6164	0,0001149
TcCLB.504741.100	hypothetical protein, conserved	-0,6165	3,465E-11
TcCLB.508845.9	dispersed gene family protein 1 (DGF-1), putative	-0,6165	0,05927
TcCLB.509525.280	hypothetical protein	-0,6165	0,2602
TcCLB.508891.130	hypothetical protein, conserved	-0,6166	1,208E-10
TcCLB.505935.30	dispersed gene family protein 1 (DGF-1), putative	-0,6166	0,1218
TcCLB.511633.60	structural maintenance of chromosome (SMC), putative	-0,617	1,191E-16
TcCLB.507063.250	hypothetical protein	-0,6171	0,003957
TcCLB.508741.110	hypothetical protein, conserved	-0,6172	3,216E-06
TcCLB.507099.70	hypothetical protein, conserved	-0,6173	1,593E-11
TcCLB.510689.30	proteasome beta 7 subunit, putative	-0,6173	9,849E-11
TcCLB.506363.140	hypothetical protein, conserved	-0,6176	0,00009197
TcCLB.510769.130	kinesin, putative	-0,6181	9,471E-09
TcCLB.504147.260	hypothetical protein, conserved	-0,6185	3,125E-08
TcCLB.507681.189	hypothetical protein, conserved	-0,6186	0,00005388
TcCLB.508147.70	trans-sialidase (pseudogene), putative	-0,6186	0,1131
TcCLB.508365.40	mucin-associated surface protein (MASP), putative	-0,6186	0,2285
TcCLB.511435.20	Replication Factor C Subunit 1-related protein	-0,6187	7,47E-08
TcCLB.504059.20	endomembrane protein, putative	-0,6188	1,691E-10
TcCLB.506357.20	hypothetical protein, conserved	-0,6189	2,576E-08
TcCLB.509643.139	Heat shock protein 83, putative	-0,619	5,995E-09
TcCLB.509099.20	hypothetical protein, conserved	-0,6193	1,143E-10
TcCLB.506393.143	ATP-dependent DEAD/H RNA helicase (pseudogene), putat	-0,6194	0,02168
TcCLB.506355.120	hypothetical protein, conserved	-0,6196	1,543E-11
TcCLB.511197.60	mucin-associated surface protein (MASP), putative	-0,62	0,02428
TcCLB.508607.30	dispersed gene family protein 1 (DGF-1), putative	-0,6201	0,00478
TcCLB.509065.100	hypothetical protein, conserved	-0,6203	0,0002391
TcCLB.510373.110	hypothetical protein	-0,6203	0,328
TcCLB.511481.30	hypothetical protein, conserved	-0,6204	0,00009136
TcCLB.508737.140	hypothetical protein, conserved	-0,6206	1,166E-08
TcCLB.509005.60	hypothetical protein, conserved	-0,6207	3,439E-07

TcCLB.506743.100	hypothetical protein, conserved	-0,6209	0,01473
TcCLB.511389.114	hypothetical protein, conserved	-0,621	0,01443
TcCLB.511353.50	hypothetical protein, conserved	-0,6212	0,0001581
TcCLB.508317.70	hypothetical protein	-0,6217	2,692E-12
TcCLB.510901.100	DNA topoisomerase III, putative	-0,6217	1,686E-11
TcCLB.508285.30	ATP-dependent DEAD/H RNA helicase (pseudogene), putative	-0,6218	0,2287
TcCLB.510493.10	hypothetical protein, conserved	-0,6221	0,001695
TcCLB.508741.290	ribosomal RNA methyltransferase, putative	-0,6223	8,023E-10
TcCLB.510161.20	hypothetical protein, conserved	-0,6224	9,466E-15
TcCLB.507951.250	tRNA isopentenyltransferase, putative	-0,6224	4,336E-07
TcCLB.511285.50	hypothetical protein, conserved	-0,6225	5,378E-14
TcCLB.506677.10	ubiquitin-like protein, putative	-0,6226	3,927E-13
TcCLB.509509.60	small GTP-binding protein, putative	-0,6226	5,576E-08
TcCLB.506303.70	hypothetical protein, conserved	-0,6229	5,409E-09
TcCLB.511031.20	hypothetical protein, conserved	-0,6229	0,00000742
TcCLB.506659.20	mitochondrial DNA polymerase I protein C, putative	-0,6231	1,886E-17
TcCLB.508643.40	hypothetical protein, conserved	-0,6232	5,709E-14
TcCLB.472253.10	vacuolar protein sorting complex subunit (pseudogene), putative	-0,6232	0,0001011
TcCLB.506165.4	hypothetical protein, conserved	-0,6235	7,494E-06
TcCLB.507253.50	ATP-dependent DEAD/H RNA helicase (pseudogene), putative	-0,6235	0,2541
TcCLB.506435.470	hypothetical protein, conserved	-0,6238	0,003137
TcCLB.506355.110	hypothetical protein, conserved	-0,6239	6,753E-12
TcCLB.511179.100	monothiol glutaredoxin, putative	-0,6241	4,476E-07
TcCLB.507611.260	trans-sialidase (pseudogene), putative	-0,6241	0,105
TcCLB.506789.230	hypothetical protein, conserved	-0,6244	8,079E-18
TcCLB.511417.100	anti-silencing protein ASF 1, putative	-0,6244	0,004059
TcCLB.510089.50	hypothetical protein, conserved	-0,6246	5,505E-08
TcCLB.508445.30	protein kinase, putative	-0,625	1,031E-06
TcCLB.511725.134	mitochondrial carrier protein, putative	-0,6252	6,702E-08
TcCLB.507937.6	trans-sialidase (pseudogene), putative	-0,6254	0,2529
TcCLB.510973.50	hypothetical protein, conserved	-0,6255	6,819E-06
TcCLB.508461.430	proteasome beta 2 subunit, putative	-0,6256	5,731E-13
TcCLB.503917.28	hypothetical protein, conserved	-0,6258	3,609E-10
TcCLB.506941.280	heat shock 70 kDa protein, mitochondrial precursor, putative	-0,6258	0,001409
TcCLB.506195.170	hypothetical protein, conserved	-0,6263	7,277E-10
TcCLB.509649.59	hypothetical protein, conserved	-0,6263	3,46E-07
TcCLB.508885.30	hypothetical protein	-0,6263	0,2998
TcCLB.511531.40	chaperonin alpha subunit, putative	-0,6266	8,148E-19
TcCLB.507765.50	hypothetical protein, conserved	-0,6267	2,513E-06
TcCLB.398345.10	hypothetical protein, conserved	-0,6268	3,591E-07
TcCLB.506955.270	trans-sialidase, Group V, putative	-0,627	0,01398
TcCLB.510285.130	hypothetical protein, conserved	-0,6273	0,00001429
TcCLB.507709.120	hypothetical protein, conserved	-0,6274	5,091E-18
TcCLB.506183.109	dispersed gene family protein 1 (DGF-1, pseudogene), putative	-0,6274	0,3904
TcCLB.511523.10	GTPase activating protein of Rab-like GTPase, putative	-0,6275	0,00001244

TcCLB.510975.40	hypothetical protein, conserved	-0,6276	4,311E-13
TcCLB.508177.20	carbohydrate kinase, thermoresistant glucokinase, putative	-0,6279	0,02187
TcCLB.509643.130	heat shock protein 85, putative	-0,6282	1,172E-09
TcCLB.510693.130	mucin-associated surface protein (MASP), putative	-0,6282	0,1531
TcCLB.509895.70	hypothetical protein, conserved	-0,6283	0,0309
TcCLB.505977.13	protein kinase, putative (fragment)	-0,6286	3,847E-09
TcCLB.507517.30	hypothetical protein, conserved	-0,6286	0,0001053
TcCLB.504013.70	metallo-peptidase, Clan MC, Family M14	-0,6289	1,972E-09
TcCLB.508681.31	hypothetical protein	-0,6289	0,08279
TcCLB.506459.190	hypothetical protein	-0,6291	0,04392
TcCLB.504021.50	hypothetical protein	-0,6296	4,063E-09
TcCLB.507943.80	hypothetical protein, conserved (pseudogene)	-0,6296	6,245E-06
TcCLB.506503.56	hypothetical protein, conserved	-0,6298	6,142E-07
TcCLB.506491.20	myosin heavy chain, putative	-0,6299	7,839E-16
TcCLB.511159.7	neurobeachin/beige protein, putative	-0,6299	7,117E-09
TcCLB.508675.60	hypothetical protein, conserved	-0,63	8,846E-09
TcCLB.503911.20	pre-mRNA splicing factor ATP-dependent RNA helicase, pu	-0,6302	3,59E-08
TcCLB.509971.80	hypothetical protein, conserved	-0,6304	0,3168
TcCLB.418405.30	trans-sialidase, putative	-0,6304	0,427
TcCLB.508857.15	trans-sialidase, putative (fragment)	-0,6306	0,00221
TcCLB.503653.9	hypothetical protein, conserved	-0,6307	0,005525
TcCLB.507521.10	hypothetical protein, conserved	-0,6308	2,098E-07
TcCLB.504159.80	histone deacetylase, putative	-0,6311	1,882E-07
TcCLB.506529.600	metacyclin II, putative	-0,6312	0,1535
TcCLB.506139.4	mucin TcMUCII, putative	-0,6313	0,2958
TcCLB.511287.4	hypothetical protein	-0,6314	5,097E-09
TcCLB.504101.10	hypothetical protein	-0,6315	0,001977
TcCLB.508175.110	hypothetical protein, conserved	-0,6318	5,949E-09
TcCLB.507683.10	hypothetical protein, conserved	-0,6319	0,0006047
TcCLB.508221.320	mucin-associated surface protein (MASP, pseudogene), pu	-0,6322	0,1647
TcCLB.506355.70	hypothetical protein, conserved	-0,6323	2,141E-12
TcCLB.508307.100	hypothetical protein, conserved	-0,6323	0,0007838
TcCLB.504069.100	RNA polymerase II, putative	-0,6324	1,216E-06
TcCLB.510225.50	hypothetical protein, conserved	-0,6324	0,00004109
TcCLB.510371.61	surface protease GP63 (pseudogene), putative	-0,6326	0,1377
TcCLB.511621.20	hypothetical protein, conserved	-0,6327	0,00000384
TcCLB.510699.34	trans-sialidase (pseudogene), putative	-0,6328	0,02789
TcCLB.510359.160	hypothetical protein, conserved	-0,6329	0,0004212
TcCLB.507911.36	ATP-dependent DEAD/H RNA helicase (pseudogene), putat	-0,633	0,09981
TcCLB.503795.10	hypothetical protein, conserved	-0,6331	0,1368
TcCLB.506925.90	hypothetical protein, conserved	-0,6334	6,811E-10
TcCLB.503555.30	trypanothione reductase, putative	-0,6334	3,694E-09
TcCLB.509789.40	hypothetical protein, conserved	-0,6334	1,961E-06
TcCLB.505931.20	surface protease GP63, putative	-0,6335	0,006071
TcCLB.508319.79	hypothetical protein, conserved	-0,6337	0,1166

TcCLB.504029.40	COPII coat assembly protein sec16, putative (sec16)	-0,6338	2,485E-08
TcCLB.504069.34	hypothetical protein, conserved	-0,6338	0,004447
TcCLB.409101.9	hypothetical protein, conserved (fragment)	-0,634	0,002747
TcCLB.510765.30	COP-coated vesicle membrane protein gp25L precursor, pu	-0,6341	2,205E-07
TcCLB.475169.10	DNA-directed RNA polymerase II subunit 2 (pseudogene), p	-0,6342	0,0008741
TcCLB.504741.20	GTP-binding protein, putative	-0,6344	2,433E-10
TcCLB.504017.70	hypothetical protein	-0,6344	2,933E-07
TcCLB.508539.130	trans-sialidase (pseudogene), putative	-0,6345	0,00466
TcCLB.508153.870	hypothetical protein, conserved	-0,6346	2,001E-09
TcCLB.504105.180	hypothetical protein, conserved	-0,6347	1,263E-08
TcCLB.508207.140	hypothetical protein, conserved	-0,6347	9,852E-07
TcCLB.503847.99	hypothetical protein, conserved (pseudogene)	-0,6347	0,0009447
TcCLB.503929.70	hypothetical protein, conserved	-0,6348	0,00002672
TcCLB.511173.130	trans-sialidase, Group V, putative	-0,635	0,009544
TcCLB.508181.120	hypothetical protein, conserved	-0,6351	2,32E-11
TcCLB.511129.54	hypothetical protein, conserved (pseudogene)	-0,6351	0,001797
TcCLB.511183.381	syntaxin binding protein 1, (pseudogene), putative	-0,6351	0,05655
TcCLB.511725.200	hypothetical protein, conserved	-0,6354	4,334E-09
TcCLB.510431.100	hypothetical protein, conserved	-0,6355	2,332E-07
TcCLB.510057.20	hypothetical protein, conserved	-0,6355	0,0002456
TcCLB.509773.9	protein kinase, putative	-0,6356	0,00005398
TcCLB.511895.69	C-5 sterol desaturase, putative	-0,6358	0,001164
TcCLB.509233.230	hypothetical protein, conserved	-0,6359	2,146E-09
TcCLB.510159.19	hypothetical protein, conserved (fragment)	-0,636	0,0005468
TcCLB.509487.4	DNA-directed RNA polymerase III, putative	-0,6362	0,00633
TcCLB.510823.10	hypothetical protein, conserved	-0,6368	2,687E-11
TcCLB.503929.20	ribosomal protein L13, putative	-0,6368	0,0006599
TcCLB.504057.120	lipophosphoglycan biosynthetic protein 2, putative	-0,6371	3,105E-06
TcCLB.508625.60	hypothetical protein, conserved	-0,6371	0,00002119
TcCLB.511517.140	hypothetical protein	-0,6373	2,693E-06
TcCLB.504827.100	hypothetical protein, conserved	-0,6373	4,642E-06
TcCLB.507023.50	hypothetical protein, conserved	-0,6374	3,846E-07
TcCLB.507681.20	succinyl-CoA ligase [GDP-forming] beta-chain, putative	-0,6377	2,023E-19
TcCLB.508645.50	hypothetical protein, conserved	-0,6377	7,745E-10
TcCLB.508479.290	vacuolar sorting protein, putative	-0,6378	0,00004874
TcCLB.510475.40	mucin TcMUCII, putative	-0,6381	0,2862
TcCLB.506567.34	hypothetical protein, conserved	-0,6385	7,493E-09
TcCLB.506513.14	hypothetical protein, conserved	-0,6385	0,001943
TcCLB.510483.250	trans-sialidase (pseudogene), putative	-0,6385	0,02124
TcCLB.507983.10	dispersed gene family protein 1 (DGF-1), putative (fragme	-0,6388	0,07049
TcCLB.507049.90	hypothetical protein, conserved	-0,6391	0,00000107
TcCLB.504411.10	hypothetical protein, conserved	-0,6392	2,994E-07
TcCLB.506057.40	trans-sialidase (pseudogene), putative	-0,6392	0,00005057
TcCLB.506255.30	hypothetical protein, conserved	-0,6392	0,009406
TcCLB.508257.150	small nuclear ribonucleoprotein SmD3, putative	-0,6394	1,203E-06

TcCLB.504075.10	RNA polymerase I, putative	-0,6395	1,289E-06
TcCLB.509203.70	DNA topoisomerase II, putative	-0,6402	3,063E-13
TcCLB.510565.179	hypothetical protein, conserved	-0,6404	3,169E-15
TcCLB.510773.9	hypothetical protein, conserved (fragment)	-0,6407	0,0002446
TcCLB.509955.50	hypothetical protein, conserved	-0,6407	0,2446
TcCLB.510217.70	trans-sialidase (pseudogene), putative	-0,6408	0,1203
TcCLB.507981.10	trans-sialidase (pseudogene), putative	-0,6409	0,07721
TcCLB.508163.320	mucin-associated surface protein (MASP), putative	-0,6413	0,09413
TcCLB.509451.50	hypothetical protein, conserved	-0,6415	2,515E-10
TcCLB.509085.60	dispersed gene family protein 1 (DGF-1), putative	-0,6415	0,001092
TcCLB.510339.40	hypothetical protein, conserved	-0,6416	1,151E-07
TcCLB.506529.490	hypothetical protein, conserved	-0,6416	1,292E-07
TcCLB.505943.95	trans-sialidase (pseudogene), putative	-0,6416	0,00007883
TcCLB.504089.79	retrotransposon hot spot protein (RHS, pseudogene), putative	-0,6417	0,1241
TcCLB.511383.60	hypothetical protein, conserved	-0,6418	0,0001401
TcCLB.508683.9	dispersed gene family protein 1 (DGF-1), putative	-0,642	0,09538
TcCLB.504443.30	DNA-directed RNA polymerase II subunit 2, putative (pseudogene)	-0,6421	7,424E-14
TcCLB.511189.20	hypothetical protein, conserved	-0,6421	1,126E-07
TcCLB.510087.110	hypothetical protein, conserved	-0,6422	8,91E-11
TcCLB.415789.9	dispersed gene family protein 1 (DGF-1), putative (fragment)	-0,6422	0,00002161
TcCLB.422041.9	pre-mRNA splicing factor ATP-dependent RNA helicase, putative	-0,6424	0,0003544
TcCLB.508365.220	hypothetical protein, conserved (pseudogene)	-0,6424	0,09372
TcCLB.504557.60	hypothetical protein, conserved	-0,6425	0,00006737
TcCLB.507529.40	hypothetical protein, conserved	-0,6426	4,253E-08
TcCLB.508153.60	metallo-peptidase, Clan MA(E) Family M1	-0,6427	1,418E-13
TcCLB.509233.200	hypothetical protein, conserved	-0,6431	2,452E-12
TcCLB.507639.70	hypothetical protein, conserved	-0,6431	0,00016
TcCLB.511463.4	actin, putative	-0,6433	0,01309
TcCLB.507049.160	hypothetical protein, conserved	-0,6434	2,052E-06
TcCLB.510019.30	mucin-associated surface protein (MASP), putative	-0,6434	0,076
TcCLB.506957.130	hypothetical protein, conserved	-0,644	1,385E-08
TcCLB.510519.100	hypothetical protein, conserved	-0,644	0,00005489
TcCLB.506815.20	mucin-associated surface protein (MASP, pseudogene), putative	-0,6443	0,00005322
TcCLB.510823.90	hypothetical protein	-0,6447	5,843E-10
TcCLB.503783.17	mucin TcMUCII, putative	-0,6447	0,2216
TcCLB.510289.3	hypothetical protein, conserved	-0,6449	0,004237
TcCLB.508405.119	hypothetical protein, conserved	-0,6449	0,03495
TcCLB.511217.50	hypothetical protein, conserved	-0,645	1,947E-15
TcCLB.508357.26	hypothetical protein, conserved	-0,6452	9,487E-06
TcCLB.503999.90	RNA-binding protein 34, putative (RBP34)	-0,6453	9,069E-06
TcCLB.503845.20	dispersed gene family protein 1 (DGF-1, pseudogene), putative	-0,6456	0,009808
TcCLB.510099.90	tyrosine phosphatase isoform, putative	-0,6458	2,267E-08
TcCLB.511867.150	hypothetical protein, conserved	-0,6459	5,864E-06
TcCLB.506319.20	hypothetical protein, conserved	-0,646	4,8E-08
TcCLB.510363.70	mucin-associated surface protein (MASP), putative	-0,6461	0,2546

TcCLB.510323.120	kinesin, putative	-0,6462	2,091E-07
TcCLB.509525.210	hypothetical protein	-0,6462	0,06465
TcCLB.440343.9	dispersed gene family protein 1 (DGF-1), putative (fragme	-0,6463	0,2118
TcCLB.506559.540	hypothetical protein, conserved	-0,6464	2,913E-07
TcCLB.504147.250	hypothetical protein, conserved	-0,6465	2,874E-15
TcCLB.508541.10	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	-0,6468	0,05098
TcCLB.508209.50	hypothetical protein, conserved	-0,6472	0,001322
TcCLB.508213.40	hypothetical protein, conserved	-0,6473	0,0002141
TcCLB.503781.10	hypothetical protein, conserved	-0,6474	3,073E-16
TcCLB.506855.320	hypothetical protein, conserved	-0,6474	0,00002331
TcCLB.511627.90	hypothetical protein, conserved	-0,6474	0,0003604
TcCLB.509419.140	mucin-associated surface protein (MASP), putative	-0,6475	0,02809
TcCLB.506409.110	hypothetical protein	-0,6476	0,01833
TcCLB.508211.19	hypothetical protein, conserved	-0,648	0,0002577
TcCLB.508761.60	hypothetical protein (pseudogene)	-0,648	0,09827
TcCLB.508775.60	hypothetical protein, conserved (pseudogene)	-0,6482	0,02446
TcCLB.506335.15	hypothetical protein	-0,6485	0,03938
TcCLB.503973.50	mucin-associated surface protein (MASP), putative	-0,6488	0,08081
TcCLB.507601.20	hypothetical protein, conserved	-0,649	0,00319
TcCLB.510239.10	dispersed gene family protein 1 (DGF-1), putative	-0,649	0,1004
TcCLB.509641.20	hypothetical protein, conserved	-0,6491	0,00003475
TcCLB.504031.50	trans-sialidase, Group V, putative	-0,6492	0,03358
TcCLB.510747.18	hypothetical protein, conserved	-0,6495	0,00001692
TcCLB.507357.50	hypothetical protein	-0,6496	0,08158
TcCLB.507681.220	pre-mRNA splicing factor ATP-dependent RNA helicase, pu	-0,6497	7,847E-13
TcCLB.506453.10	trans-sialidase, putative	-0,6497	0,05147
TcCLB.511741.30	replication factor C, subunit 2, putative	-0,6498	5,386E-09
TcCLB.510901.30	hypothetical protein, conserved	-0,6498	5,634E-07
TcCLB.506319.30	hypothetical protein, conserved	-0,6498	1,248E-06
TcCLB.505075.10	hypothetical protein, conserved	-0,6501	0,00001295
TcCLB.507017.130	hypothetical protein	-0,6501	0,001664
TcCLB.503833.50	hypothetical protein, conserved	-0,6503	7,965E-16
TcCLB.511479.10	trans-sialidase (pseudogene), putative	-0,6508	0,3611
TcCLB.511401.80	hypothetical protein, conserved (pseudogene)	-0,6509	0,00007233
TcCLB.509803.40	5-oxoprolinase, putative	-0,6511	2,698E-08
TcCLB.506667.10	mucin-associated surface protein (MASP), putative	-0,6511	0,1906
TcCLB.504117.9	hypothetical protein, conserved	-0,6512	1,208E-09
TcCLB.507093.50	hypothetical protein, conserved	-0,6513	3,238E-14
TcCLB.509457.10	hypothetical protein	-0,6514	1,693E-12
TcCLB.508987.39	hypothetical protein, conserved	-0,6514	3,033E-08
TcCLB.505807.270	ubiquitin hydrolase, putative	-0,6515	0,00001368
TcCLB.506591.10	hypothetical protein, conserved	-0,6519	0,005152
TcCLB.416511.9	mismatch repair protein MSH3, putative	-0,652	4,821E-06
TcCLB.504155.140	mucin TcMUCII, putative	-0,652	0,6097
TcCLB.505999.24	hypothetical protein, conserved	-0,6523	0,0001148

TcCLB.507237.24	mucin TcMUCII (pseudogene), putative	-0,6523	0,4504
TcCLB.509845.9	dispersed gene family protein 1 (DGF-1), putative	-0,6524	0,01472
TcCLB.510279.290	dispersed gene family protein 1 (DGF-1, pseudogene), putative	-0,6526	0,01009
TcCLB.511303.90	hypothetical protein, conserved	-0,6529	1,353E-09
TcCLB.509525.70	hypothetical protein	-0,653	0,0744
TcCLB.510305.9	Present in the outer mitochondrial membrane proteome 3i	-0,6531	0,00002086
TcCLB.503671.30	Protein tilB homolog, putative (LRTP)	-0,6533	0,00001078
TcCLB.508145.40	hypothetical protein, conserved	-0,6533	0,00009001
TcCLB.510713.120	surface protease GP63, putative	-0,6533	0,2172
TcCLB.506317.20	hypothetical protein, conserved	-0,6536	1,358E-13
TcCLB.510149.90	Golgi vesicular membrane trafficking protein, putative	-0,6536	0,0009017
TcCLB.510091.100	hypothetical protein, conserved	-0,6541	0,00001557
TcCLB.509499.4	hypothetical protein, conserved	-0,6541	0,00007307
TcCLB.510513.50	hypothetical protein, conserved	-0,6544	8,766E-06
TcCLB.505023.40	mucin-associated surface protein (MASP), putative	-0,6544	0,01417
TcCLB.508259.20	dispersed gene family protein 1 (DGF-1, pseudogene), putative	-0,6546	0,02223
TcCLB.509911.120	hypothetical protein	-0,6547	2,193E-15
TcCLB.504643.40	U6 snRNA-associated Sm-like protein LSm4, putative	-0,6552	0,00006793
TcCLB.507575.10	dispersed gene family protein 1 (DGF-1), putative	-0,6552	0,02978
TcCLB.510897.99	hypothetical protein, conserved (fragment)	-0,6556	0,002277
TcCLB.504057.30	hypothetical protein, conserved	-0,6558	9,602E-17
TcCLB.506519.70	hypothetical protein	-0,6559	0,00002739
TcCLB.509231.50	hypothetical protein, conserved	-0,6565	0,00002388
TcCLB.511593.40	trans-sialidase (pseudogene), putative	-0,657	1,234E-07
TcCLB.510085.4	mucin TcMUCII (pseudogene), putative	-0,6572	0,2135
TcCLB.509105.130	ATP-binding cassette sub-family F member 1, putative (AB	-0,6573	3,526E-16
TcCLB.507019.110	hypothetical protein	-0,6575	0,00005654
TcCLB.506357.60	hypothetical protein, conserved	-0,6577	8,724E-16
TcCLB.511211.210	hypothetical protein, conserved	-0,6581	0,004199
TcCLB.503543.10	presenilin-like aspartic peptidase, putative	-0,6582	9,048E-09
TcCLB.509353.50	hypothetical protein, conserved	-0,6583	3,805E-09
TcCLB.509319.60	endo/exonuclease Mre11, putative	-0,6589	2,367E-13
TcCLB.509791.70	hypothetical protein, conserved	-0,6589	0,0000735
TcCLB.510285.120	hypothetical protein, conserved	-0,659	3,412E-11
TcCLB.507711.235	deoxyribodipyrimidine photo-lyase, putative	-0,659	4,366E-06
TcCLB.509941.110	condensin subunit 1, putative	-0,6591	1,951E-15
TcCLB.509213.30	hypothetical protein, conserved	-0,6591	0,00001286
TcCLB.510719.250	RNA polymerase-associated protein CDC73, putative	-0,6592	1,398E-08
TcCLB.507611.131	protein kinase (pseudogene), putative	-0,6592	0,0001929
TcCLB.510321.10	RNA polymerase-associated protein CTR9, putative	-0,6594	0,00002547
TcCLB.403789.9	DNA-directed rna polymerase I largest subunit, putative	-0,6595	0,0008006
TcCLB.510763.109	rRNA processing protein, putative	-0,6597	6,794E-06
TcCLB.503791.40	dihydrouridine synthase, putative	-0,6598	0,0006752
TcCLB.506695.10	actin-like protein, putative	-0,6599	0,00004709
TcCLB.507685.10	hypothetical protein, conserved	-0,6601	1,874E-06



TcCLB.503749.30	hypothetical protein, conserved	-0,6603	4,247E-09
TcCLB.508461.40	hypothetical protein, conserved	-0,6603	0,00001072
TcCLB.508741.320	casein kinase II, alpha chain, putative	-0,6605	5,617E-10
TcCLB.506511.50	hypothetical protein, conserved	-0,6607	1,509E-17
TcCLB.506435.300	ubiquitin-protein ligase, putative	-0,6607	0,00001658
TcCLB.484311.10	calpain-like cysteine peptidase, putative (fragment)	-0,6609	0,0392
TcCLB.511113.9	hypothetical protein, conserved (fragment)	-0,661	4,56E-11
TcCLB.509167.200	hypothetical protein, conserved	-0,6613	1,663E-09
TcCLB.506835.80	CAS/CSE/importin domain protein, putative	-0,6618	3,136E-13
TcCLB.508325.290	trans-sialidase (pseudogene), putative	-0,6618	3,471E-11
TcCLB.510879.70	selenocysteine-tRNA-specific elongation factor, putative	-0,6621	4,314E-09
TcCLB.511725.210	hypothetical protein, conserved	-0,6621	4,568E-07
TcCLB.506213.30	hypothetical protein, conserved	-0,6621	0,0001721
TcCLB.504625.20	hypothetical protein, conserved	-0,6624	6,228E-06
TcCLB.509665.30	trans-sialidase, Group V, putative	-0,6624	0,06641
TcCLB.510257.90	autophagocytosis associated protein, putative	-0,6628	0,00005302
TcCLB.504431.64	high mobility group protein, putative	-0,6629	1,732E-10
TcCLB.506315.60	hypothetical protein, conserved	-0,6632	0,0000013
TcCLB.508207.5	retrotransposon hot spot protein (RHS, pseudogene), putative	-0,6633	6,952E-10
TcCLB.504103.3	hypothetical protein, conserved (fragment)	-0,6634	0,00000764
TcCLB.508837.180	DNA polymerase I alpha catalytic subunit, putative	-0,6635	1,975E-17
TcCLB.508355.70	diacylglycerol acyltransferase, putative	-0,6635	1,51E-11
TcCLB.508707.160	hypothetical protein, conserved	-0,6636	1,161E-06
TcCLB.510173.20	hypothetical protein, conserved	-0,6636	0,00001164
TcCLB.509967.3	hypothetical protein, conserved (pseudogene)	-0,6636	0,004924
TcCLB.509499.38	hypothetical protein, conserved	-0,6637	7,175E-11
TcCLB.507687.60	trans-sialidase (pseudogene), putative	-0,6638	0,03481
TcCLB.506667.160	trans-sialidase, Group V, putative	-0,6643	0,0544
TcCLB.510755.98	kinetoplastid membrane protein KMP-11, putative	-0,6645	0,0009323
TcCLB.510315.20	mitochondrial carrier protein, putative	-0,6646	4,991E-07
TcCLB.503879.20	hypothetical protein, conserved	-0,6648	3,841E-08
TcCLB.510643.180	trans-sialidase (pseudogene), putative	-0,6652	0,00001435
TcCLB.506155.80	hypothetical protein, conserved	-0,6654	9,238E-11
TcCLB.504103.10	hypothetical protein, conserved	-0,6654	0,0001496
TcCLB.511599.40	dispersed gene family protein 1 (DGF-1), putative	-0,6654	0,0002053
TcCLB.506709.20	hypothetical protein, conserved	-0,6657	3,729E-12
TcCLB.509165.10	trans-sialidase (pseudogene), putative	-0,6661	0,00001559
TcCLB.510475.70	mucin TcMUCII, putative	-0,6661	0,1156
TcCLB.506671.90	mucin-associated surface protein (MASP), putative	-0,6663	0,1693
TcCLB.506989.40	Golgi vesicular membrane trafficking protein, putative	-0,6665	0,001044
TcCLB.511003.130	hypothetical protein, conserved	-0,6666	0,0000277
TcCLB.506767.183	mucin-associated surface protein (MASP, pseudogene), putative	-0,6667	0,005
TcCLB.511301.100	hypothetical protein, conserved	-0,6668	2,069E-08
TcCLB.510357.110	hypothetical protein, conserved	-0,6668	0,00001957
TcCLB.504109.100	hypothetical protein, conserved	-0,6672	8,516E-14

TcCLB.508221.539	hypothetical protein, conserved	-0,6673	0,22
TcCLB.508479.320	hypothetical protein, conserved	-0,6675	0,0009237
TcCLB.510359.320	DNA-directed RNA polymerase III subunit, putative	-0,6675	0,004164
TcCLB.511139.10	hypothetical protein, conserved (pseudogene)	-0,6678	5,395E-06
TcCLB.506489.10	hypothetical protein, conserved	-0,6682	1,502E-17
TcCLB.511585.180	hypothetical protein, conserved	-0,6682	0,0006014
TcCLB.506253.11	hypothetical protein, conserved (pseudogene)	-0,6682	0,009264
TcCLB.506567.110	hypothetical protein, conserved	-0,6686	1,861E-08
TcCLB.434931.20	hypothetical protein, conserved	-0,6686	9,865E-07
TcCLB.507625.160	hypothetical protein, conserved	-0,6686	0,0004344
TcCLB.510943.198	hypothetical protein, conserved	-0,6687	0,00002825
TcCLB.510999.10	hypothetical protein, conserved	-0,6688	3,012E-09
TcCLB.504827.50	apurinic/aprimidinic endonuclease, putative	-0,6688	0,00001329
TcCLB.506807.39	hypothetical protein, conserved (fragment)	-0,6691	0,00001523
TcCLB.510609.120	hypothetical protein, conserved	-0,6692	1,275E-10
TcCLB.506239.10	hypothetical protein, conserved	-0,6695	7,788E-06
TcCLB.458759.20	hypothetical protein, conserved	-0,6695	0,0001151
TcCLB.508699.40	eukaryotic translation initiation factor, putative	-0,6696	5,479E-10
TcCLB.507767.10	succinyl-CoA ligase [GDP-forming] beta-chain, putative	-0,6697	1,77E-19
TcCLB.506941.30	hypothetical protein, conserved	-0,6699	7,667E-14
TcCLB.509157.50	hypothetical protein	-0,6699	1,463E-11
TcCLB.509741.20	hypothetical protein, conserved	-0,6699	2,509E-06
TcCLB.504779.10	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, p	-0,6699	0,05122
TcCLB.503811.20	U3 small nucleolar ribonucleoprotein protein MPP10, putat	-0,6703	3,463E-12
TcCLB.510327.5	surface protease GP63 (pseudogene), putative	-0,6703	0,07528
TcCLB.510689.10	coatomer alpha subunit (pseudogene), putative	-0,6707	1,929E-16
TcCLB.506435.20	hypothetical protein, conserved	-0,6713	6,337E-16
TcCLB.510713.101	surface protease GP63 (pseudogene), putative	-0,6714	0,2295
TcCLB.506727.90	enoyl-CoA hydratase/isomerase family protein, putative	-0,6718	4,786E-08
TcCLB.508625.20	hypothetical protein, conserved	-0,6719	0,0003407
TcCLB.510821.10	hypothetical protein, conserved	-0,6722	7,581E-09
TcCLB.418069.10	heat shock protein 70 (hsp70), putative (fragment)	-0,6723	2,734E-10
TcCLB.511871.30	hypothetical protein, conserved	-0,6728	6,289E-11
TcCLB.511003.40	hypothetical protein, conserved	-0,6729	1,27E-11
TcCLB.507713.30	heat shock protein 85, putative	-0,6729	0,05948
TcCLB.463955.10	mucin TcMUCII, putative	-0,6731	0,1116
TcCLB.506579.20	hypothetical protein, conserved	-0,6732	1,743E-09
TcCLB.511367.80	hypothetical protein, conserved	-0,6732	1,838E-06
TcCLB.505555.20	hypothetical protein, conserved	-0,6733	0,00003675
TcCLB.506703.90	trans-sialidase, Group VI, putative	-0,6733	0,06996
TcCLB.506659.30	glutathione synthetase, putative	-0,6735	1,899E-07
TcCLB.509443.10	hypothetical protein	-0,6739	0,0007643
TcCLB.506247.10	bloodstream- specific protein 2 precursor (fragment) (PDI2	-0,674	1,278E-12
TcCLB.506211.259	hypothetical protein, conserved	-0,674	0,0000959
TcCLB.453445.10	hypothetical protein, conserved	-0,6744	1,997E-13

TcCLB.506247.74	hypothetical protein, conserved	-0,6744	0,002491
TcCLB.504001.20	hypothetical protein, conserved	-0,6748	9,749E-09
TcCLB.511625.140	mucin-associated surface protein (MASP, pseudogene), pu	-0,675	0,0001668
TcCLB.506435.390	metallo-peptidase, Clan MA(E) Family M41	-0,6755	1,625E-10
TcCLB.511663.50	dispersed gene family protein 1 (DGF-1), putative	-0,6756	0,1205
TcCLB.508599.10	hypothetical protein, conserved (pseudogene)	-0,6758	0,1496
TcCLB.508909.170	hypothetical protein, conserved	-0,676	2,254E-11
TcCLB.511351.20	hypothetical protein, conserved	-0,6762	2,151E-07
TcCLB.509935.10	hypothetical protein	-0,6763	0,01148
TcCLB.511469.30	coatomer subunit zeta, putative	-0,6769	0,00001934
TcCLB.510327.20	surface protease GP63 (pseudogene), putative	-0,6778	0,01352
TcCLB.505989.82	ruvB-like DNA helicase, putative	-0,6781	3,543E-11
TcCLB.509429.300	hypothetical protein, conserved	-0,6782	1,118E-07
TcCLB.509643.80	DNA mismatch repair protein MSH2, putative (MSH2)	-0,6785	6,905E-15
TcCLB.511731.89	hypothetical protein, conserved	-0,6786	0,00001701
TcCLB.508479.10	protein kinase, putative	-0,6788	0,0333
TcCLB.511545.30	hypothetical protein, conserved	-0,6789	6,795E-09
TcCLB.507521.20	kinesin, putative	-0,6789	0,00001393
TcCLB.507583.40	hypothetical protein, conserved	-0,6792	6,349E-12
TcCLB.511245.200	hypothetical protein, conserved	-0,6793	3,888E-17
TcCLB.507163.80	hypothetical protein, conserved	-0,6796	8,403E-06
TcCLB.509071.10	hypothetical protein, conserved (pseudogene)	-0,6797	0,003524
TcCLB.506457.40	hypoxanthine-guanine phosphoribosyltransferase, putative	-0,6798	9,355E-09
TcCLB.511127.210	hypothetical protein, conserved	-0,6798	0,0004553
TcCLB.510665.30	hypothetical protein, conserved	-0,6799	3,133E-06
TcCLB.508461.320	PRP8 protein homologue, putative	-0,6803	7,8E-27
TcCLB.510629.10	mucin-associated surface protein (MASP), putative	-0,6805	0,268
TcCLB.503939.80	prolyl-tRNA synthetase, putative	-0,6806	1,518E-19
TcCLB.508283.25	hypothetical protein, conserved (pseudogene)	-0,6809	0,01694
TcCLB.510057.10	hypothetical protein, conserved	-0,681	0,009693
TcCLB.507747.210	hypothetical protein, conserved	-0,6811	3,949E-07
TcCLB.510463.211	trans-sialidase (pseudogene), putative	-0,6811	0,0795
TcCLB.510659.257	phospholipase A2-like protein, putative	-0,6812	5,038E-08
TcCLB.506599.130	mucin TcMUCII (pseudogene), putative	-0,6812	0,01072
TcCLB.505843.40	E1-like ubiquitin-activating enzyme, putative (UBA5)	-0,6813	4,989E-13
TcCLB.511481.60	RNA helicase, putative	-0,6818	6,853E-19
TcCLB.510899.30	hypothetical protein, conserved	-0,6819	1,875E-06
TcCLB.511789.10	dispersed gene family protein 1 (DGF-1, pseudogene), putative	-0,6819	0,08482
TcCLB.509437.40	heat shock protein DNAJ, putative	-0,682	1,92E-15
TcCLB.510025.126	syntaxin binding protein (pseudogene), putative	-0,6827	0,0689
TcCLB.503781.40	hypothetical protein, conserved	-0,6828	0,0000844
TcCLB.509829.20	isovaleryl-coA dehydrogenase, putative	-0,6829	0,00001929
TcCLB.510421.100	hypothetical protein, conserved	-0,6831	8,549E-09
TcCLB.506989.30	ABC transporter, putative	-0,6833	2,568E-21
TcCLB.510933.180	syntaxin binding protein (pseudogene), putative	-0,6835	0,1106

TcCLB.508939.50	hypothetical protein, conserved	-0,6836	0,0008538
TcCLB.508921.40	hypothetical protein, conserved	-0,6836	0,001765
TcCLB.510643.121	trans-sialidase (pseudogene), putative	-0,6838	0,0008421
TcCLB.509429.130	hypothetical protein, conserved	-0,684	9,161E-07
TcCLB.511255.516	syntaxin binding protein (pseudogene), putative	-0,6841	0,09915
TcCLB.507753.3	hypothetical protein, conserved (pseudogene)	-0,6843	0,01221
TcCLB.508365.50	mucin TcMUCII, putative	-0,6846	0,2968
TcCLB.503779.50	hypothetical protein, conserved	-0,685	0,001069
TcCLB.506295.40	hypothetical protein, conserved	-0,6851	1,627E-06
TcCLB.510889.280	metacyclin II, putative	-0,6852	0,163
TcCLB.506517.30	hypothetical protein	-0,6854	1,173E-11
TcCLB.508153.1110	arginine N-methyltransferase, putative	-0,6856	5,042E-09
TcCLB.506883.40	Lsm12 protein, putative	-0,6858	8,602E-09
TcCLB.504239.220	mucin-associated surface protein (MASP52)	-0,6858	0,09228
TcCLB.511801.70	hypothetical protein, conserved	-0,6863	1,3E-08
TcCLB.509669.170	hypothetical protein, conserved	-0,6864	5,427E-12
TcCLB.510685.10	calreticulin, putative	-0,6867	7,869E-21
TcCLB.507945.10	ATP-dependent RNA helicase, putative	-0,6867	1,644E-12
TcCLB.509063.4	hypothetical protein, conserved	-0,6867	0,0005209
TcCLB.506693.4	elongation initiation factor 2 alpha subunit, putative	-0,687	4,133E-08
TcCLB.510769.202	trans-sialidase (pseudogene), putative	-0,6872	0,06882
TcCLB.506631.40	hypothetical protein, conserved	-0,6875	2,911E-11
TcCLB.511495.30	hypothetical protein, conserved	-0,6877	0,00004644
TcCLB.507069.150	mucin-associated surface protein (MASP), putative	-0,6877	0,03706
TcCLB.511409.30	hypothetical protein, conserved	-0,6878	1,203E-11
TcCLB.509287.80	trans-sialidase, Group VII, putative	-0,6882	1,592E-08
TcCLB.511605.30	mucin TcMUCII, putative	-0,6882	0,3348
TcCLB.506447.19	hypothetical protein, conserved	-0,6886	1,818E-08
TcCLB.511215.110	hypothetical protein, conserved	-0,689	4,792E-12
TcCLB.510965.10	hypothetical protein, conserved	-0,6892	2,037E-07
TcCLB.506811.200	hypothetical protein, conserved	-0,6893	8,566E-06
TcCLB.511563.9	dispersed gene family protein 1 (DGF-1), putative	-0,6893	0,0545
TcCLB.509945.20	hypothetical protein, conserved	-0,6894	2,584E-06
TcCLB.504103.30	myosin heavy chain, putative	-0,6902	6,184E-09
TcCLB.508375.70	hypothetical protein, conserved	-0,6902	8,37E-07
TcCLB.510315.10	IAG-nucleoside hydrolase, putative (IAGNH)	-0,6903	3,389E-12
TcCLB.481435.9	clathrin heavy chain, putative	-0,6904	5,441E-11
TcCLB.507611.370	protein disulfide isomerase 2 (PDI2)	-0,6907	1,852E-28
TcCLB.510713.160	trans-sialidase, Group V, putative	-0,6907	0,04013
TcCLB.503805.6	hypothetical protein, conserved	-0,6908	8,327E-06
TcCLB.507785.10	clathrin heavy chain, putative	-0,6914	5,831E-16
TcCLB.506941.20	tRNA modification enzyme, putative	-0,6915	0,00000306
TcCLB.506581.14	peptidyl-prolyl cis-trans isomerase, putative	-0,6916	2,894E-06
TcCLB.506977.40	hypothetical protein, conserved	-0,6918	4,456E-07
TcCLB.509029.160	hypothetical protein, conserved	-0,692	4,337E-10

TcCLB.503859.10	syntaxin binding protein (pseudogene), putative	-0,6923	0,1882
TcCLB.510491.40	hypothetical protein, conserved	-0,6925	6,409E-06
TcCLB.511099.180	trans-sialidase (pseudogene), putative	-0,693	0,09446
TcCLB.509805.10	protein kinase A catalytic subunit, putative	-0,6932	0,01055
TcCLB.503583.50	hypothetical protein, conserved	-0,6936	1,042E-06
TcCLB.510305.50	hypothetical protein, conserved	-0,6941	1,001E-14
TcCLB.430603.20	mucin TcMUCII, putative	-0,6942	0,078
TcCLB.508143.30	hypothetical protein, conserved (pseudogene)	-0,6945	2,422E-06
TcCLB.511255.270	trans-sialidase (pseudogene), putative	-0,6945	0,05789
TcCLB.507941.120	hypothetical protein, conserved	-0,6949	0,00001542
TcCLB.506975.97	hypothetical protein, conserved (fragment)	-0,6949	0,0372
TcCLB.510885.80	hypothetical protein, conserved	-0,695	8,571E-07
TcCLB.504133.15	hypothetical protein, conserved (fragment)	-0,695	0,001584
TcCLB.509841.20	hypothetical protein	-0,6952	0,01202
TcCLB.510475.60	hypothetical protein	-0,696	0,4182
TcCLB.507943.30	histone H4, putative	-0,6961	2,092E-10
TcCLB.511407.10	nuclear transport factor 2, putative	-0,6963	3,765E-10
TcCLB.506507.40	trans-sialidase (pseudogene), putative	-0,6965	7,388E-08
TcCLB.509733.110	hypothetical protein, conserved	-0,6967	8,111E-16
TcCLB.506977.139	hypothetical protein, conserved	-0,6968	6,507E-09
TcCLB.508293.27	mucin-associated surface protein (MASP, pseudogene), pu	-0,697	0,1484
TcCLB.510681.41	surface protease GP63, putative	-0,6971	0,06888
TcCLB.508175.160	deoxyuridine triphosphatase, putative	-0,698	1,025E-08
TcCLB.510047.60	mucin-associated surface protein (MASP, pseudogene), pu	-0,698	0,002173
TcCLB.506965.110	hypothetical protein	-0,6981	0,1629
TcCLB.506201.100	hypothetical protein, conserved	-0,6992	4,559E-09
TcCLB.511203.10	surface protease GP63, putative	-0,7	0,008643
TcCLB.510963.39	hypothetical protein, conserved	-0,7002	0,00001332
TcCLB.511893.30	hypothetical protein, conserved (pseudogene)	-0,7004	0,00005287
TcCLB.507485.50	hypothetical protein, conserved	-0,7005	5,739E-11
TcCLB.507771.9	kinesin, putative (fragment)	-0,7008	0,004297
TcCLB.509127.50	mitochondrial carrier protein, putative	-0,701	5,486E-11
TcCLB.503891.60	hypothetical protein, conserved	-0,701	1,422E-07
TcCLB.508641.10	dispersed gene family protein 1 (DGF-1), putative	-0,701	0,04172
TcCLB.511871.34	protein transport protein Sec61 gamma subunit, putative	-0,7011	8,437E-07
TcCLB.510483.20	mucin-associated surface protein (MASP), putative	-0,7013	0,01462
TcCLB.507241.10	protein phosphatase 2A regulatory subunit, putative	-0,7014	1,293E-11
TcCLB.511189.50	hypothetical protein, conserved (pseudogene)	-0,7017	2,259E-09
TcCLB.511487.71	hypothetical protein	-0,7017	3,454E-07
TcCLB.511717.174	hypothetical protein, conserved	-0,702	1,614E-08
TcCLB.511321.30	hypothetical protein, conserved	-0,7023	0,00005693
TcCLB.506357.130	hypothetical protein, conserved	-0,7026	5,071E-26
TcCLB.508221.600	mucin-associated surface protein (MASP), putative	-0,7027	0,1794
TcCLB.503953.50	hypothetical protein, conserved	-0,7028	2,187E-12
TcCLB.507809.100	hypothetical protein, conserved	-0,7029	7,051E-20

TcCLB.506759.90	trans-sialidase (pseudogene), putative	-0,7032	0,0549
TcCLB.510141.10	thymine-7-hydroxylase, putative	-0,7033	0,02031
TcCLB.510409.60	hypothetical protein, conserved	-0,7034	8,88E-10
TcCLB.510819.70	hypothetical protein, conserved	-0,7035	2,703E-07
TcCLB.510307.352	retrotransposon hot spot protein (RHS, pseudogene), putative	-0,7036	0,00004825
TcCLB.506665.20	hypothetical protein	-0,7043	0,01041
TcCLB.508511.15	trans-sialidase (pseudogene), putative	-0,7048	0,3417
TcCLB.509715.40	fibrillarin, putative	-0,7049	6,452E-10
TcCLB.506443.130	trans-sialidase (pseudogene), putative	-0,7049	9,22E-10
TcCLB.508387.10	hypothetical protein, conserved	-0,7049	0,0003849
TcCLB.504033.120	hypothetical protein, conserved	-0,705	1,365E-12
TcCLB.511025.70	chaperonin alpha subunit, putative	-0,7052	2,459E-24
TcCLB.508357.90	T-complex protein 1, beta subunit, putative	-0,7053	4,621E-24
TcCLB.504059.11	hypothetical protein, conserved (fragment)	-0,7055	0,00003387
TcCLB.504005.40	hypothetical protein, conserved	-0,7061	0,00000617
TcCLB.507237.150	hypothetical protein	-0,7061	0,1983
TcCLB.508167.10	mucin-associated surface protein (MASP, pseudogene), putative	-0,7064	0,007936
TcCLB.508879.130	telomerase component (pseudogene), putative	-0,7067	4,821E-27
TcCLB.510439.10	heat shock protein 70, putative	-0,7074	3,429E-07
TcCLB.504049.30	trans-sialidase (pseudogene), putative	-0,7076	0,02916
TcCLB.510553.50	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, putative	-0,7078	0,02819
TcCLB.507739.110	myosin IB heavy chain, putative	-0,7079	4,34E-19
TcCLB.511737.10	small glutamine-rich tetratricopeptide repeat protein, putative	-0,708	3,477E-13
TcCLB.506205.49	hypothetical protein, conserved	-0,7084	0,07201
TcCLB.510389.10	hypothetical protein, conserved (pseudogene)	-0,7085	0,0007044
TcCLB.507011.250	hypothetical protein, conserved	-0,7093	8,108E-21
TcCLB.504081.90	mucin-associated surface protein (MASP), putative	-0,7096	0,02702
TcCLB.509233.210	hypothetical protein, conserved	-0,7097	6,945E-11
TcCLB.511445.30	hypothetical protein, conserved	-0,7105	2,193E-10
TcCLB.420091.10	dispersed gene family protein 1 (DGF-1), putative	-0,7106	0,003227
TcCLB.511611.5	mucin TcMUCII (pseudogene), putative	-0,7107	0,2576
TcCLB.506925.250	hypothetical protein, conserved (pseudogene)	-0,7109	1,045E-07
TcCLB.506147.130	hypothetical protein, conserved	-0,711	0,001476
TcCLB.503989.10	zinc finger protein 2, putative	-0,7111	3,447E-10
TcCLB.511021.80	hypothetical protein, conserved	-0,7116	3,23E-11
TcCLB.510421.10	surface protease GP63 (pseudogene), putative	-0,712	0,01817
TcCLB.506859.180	hypothetical protein, conserved	-0,7121	0,0006865
TcCLB.509911.124	hypothetical protein, conserved	-0,7122	3,427E-06
TcCLB.511553.71	syntaxin binding protein (pseudogene), putative	-0,7122	0,05101
TcCLB.510101.470	PUF nine target 1	-0,7123	1,057E-19
TcCLB.508153.1100	mitochondrial protein 99, putative (MP99)	-0,7123	1,36E-11
TcCLB.507993.390	pyruvate kinase 2, putative	-0,7125	1,699E-09
TcCLB.401473.9	DNA-directed rna polymerase I largest subunit, putative	-0,7127	0,00000985
TcCLB.510397.10	hypothetical protein, conserved	-0,7131	3,403E-12
TcCLB.482471.19	ATP-dependent RNA helicase SUB2, putative (fragment) (S	-0,7131	4,698E-09

TcCLB.511255.625	surface protease GP63 (pseudogene), putative	-0,7132	0,2401
TcCLB.507041.60	syntaxin binding protein (pseudogene), putative	-0,7133	0,0007382
TcCLB.510269.55	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	-0,7133	0,1365
TcCLB.508637.30	hypothetical protein, conserved (pseudogene)	-0,7143	0,01033
TcCLB.507881.60	protein kinase, putative	-0,7144	0,001339
TcCLB.507603.240	hypothetical protein, conserved	-0,7149	3,249E-09
TcCLB.511287.34	hypothetical protein, conserved	-0,715	1,613E-08
TcCLB.511139.40	ATP-dependent RNA helicase SUB2, putative (fragment) (S	-0,7152	0,00000601
TcCLB.507639.110	hypothetical protein, conserved	-0,7154	1,376E-09
TcCLB.506559.20	hypothetical protein, conserved	-0,7156	5,125E-14
TcCLB.503775.60	hypothetical protein	-0,7159	0,004408
TcCLB.503707.9	dispersed gene family protein 1 (DGF-1, pseudogene), puta	-0,7162	0,0001602
TcCLB.511717.10	hypothetical protein, conserved (pseudogene)	-0,7162	0,005804
TcCLB.508995.10	protein kinase, putative	-0,7168	0,00000783
TcCLB.511453.10	dispersed gene family protein 1 (DGF-1), putative	-0,7169	0,006513
TcCLB.510149.100	hypothetical protein, conserved	-0,717	5,298E-07
TcCLB.508507.9	hypothetical protein, conserved	-0,7172	0,00004054
TcCLB.510817.50	trans-sialidase, Group II, putative	-0,7172	0,00005868
TcCLB.511731.50	ATP-dependent RNA helicase, putative	-0,7173	7,622E-10
TcCLB.506181.150	hypothetical protein (fragment)	-0,7175	7,023E-16
TcCLB.508717.20	NADH dehydrogenase, putative	-0,7176	2,769E-13
TcCLB.510017.30	mucin-associated surface protein (MASP, pseudogene), pu	-0,7176	0,09905
TcCLB.503581.10	hypothetical protein, conserved	-0,7179	1,481E-13
TcCLB.508167.29	mucin-associated surface protein (MASP), putative (fragm	-0,7183	0,08375
TcCLB.508169.9	elongation factor 2, putative (fragment)	-0,7184	8,156E-17
TcCLB.508153.630	mitochondrial carrier protein, putative	-0,7184	7,225E-06
TcCLB.509419.245	hypothetical protein, conserved (pseudogene)	-0,7186	0,004491
TcCLB.506623.60	dispersed gene family protein 1 (DGF-1), putative	-0,7188	0,01221
TcCLB.507603.70	kinetoplastid kinetochore protein 6, putative (kkt6)	-0,7189	0,0001964
TcCLB.505229.20	conserved protein, unknown function	-0,7191	2,545E-16
TcCLB.509937.80	hypothetical protein, conserved	-0,7191	1,021E-08
TcCLB.510401.31	retrotransposon hot spot protein (RHS, pseudogene), putat	-0,7191	0,1864
TcCLB.511531.9	chaperone DNAJ protein, putative	-0,7193	1,246E-06
TcCLB.511089.15	hypothetical protein	-0,7193	0,09275
TcCLB.510877.40	hypothetical protein, conserved	-0,7195	1,574E-18
TcCLB.409139.9	trans-sialidase, putative	-0,7195	0,1565
TcCLB.507093.170	hypothetical protein, conserved	-0,7196	5,371E-22
TcCLB.506437.30	amastin, putative	-0,7198	9,675E-10
TcCLB.511751.120	aldehyde dehydrogenase family, putative	-0,7201	9,214E-08
TcCLB.510725.50	hypothetical protein, conserved	-0,7205	2,991E-13
TcCLB.506203.10	nucleoside transporter 1, putative	-0,7212	6,463E-09
TcCLB.506357.90	DNA-directed RNA polymerase II/III subunit, putative	-0,7212	6,532E-08
TcCLB.509941.120	protein kinase, putative	-0,7213	8,448E-10
TcCLB.506601.31	surface protease GP63 (pseudogene), putative	-0,7213	0,2179
TcCLB.506673.50	apurinic/aprimidinic endonuclease, putative	-0,7214	0,00006118

TcCLB.509171.60	hypothetical protein, conserved	-0,722	1,733E-09
TcCLB.506917.60	mucin TcMUCII, putative	-0,722	0,1616
TcCLB.508781.129	arginine N-methyltransferase, type II, putative	-0,7223	0,00001274
TcCLB.509611.40	hypothetical protein, conserved	-0,7223	0,01334
TcCLB.506247.120	hypothetical protein, conserved	-0,7225	2,061E-14
TcCLB.509611.100	lipoate-protein ligase, putative	-0,7225	1,797E-06
TcCLB.510287.60	ribonuclease HII, putative	-0,7226	4,431E-08
TcCLB.407335.18	hypothetical protein, conserved	-0,7227	4,134E-06
TcCLB.504257.70	valyl-tRNA synthetase, putative	-0,7229	3,961E-18
TcCLB.503727.29	hypothetical protein	-0,7229	1,501E-09
TcCLB.507971.29	hypothetical protein, conserved	-0,7229	0,00006705
TcCLB.503451.9	hypothetical protein, conserved (fragment)	-0,723	2,668E-19
TcCLB.506147.120	hypothetical protein, conserved	-0,7232	6,099E-08
TcCLB.506411.10	thimet oligopeptidase, putative	-0,7235	1,012E-16
TcCLB.506315.20	hypothetical protein, conserved	-0,7236	1,074E-08
TcCLB.433717.10	dispersed gene family protein 1 (DGF-1, pseudogene), putative	-0,7236	0,01265
TcCLB.511255.190	trans-sialidase, Group V, putative	-0,7238	0,02401
TcCLB.504201.50	mucin-associated surface protein (MASP), putative	-0,7241	0,05794
TcCLB.506729.90	hypothetical protein, conserved	-0,7242	5,471E-11
TcCLB.508153.680	RNA-binding protein 6, putative	-0,7243	0,01075
TcCLB.506925.390	MP44, putative	-0,7244	1,095E-08
TcCLB.508637.114	histone deacetylase 1, putative	-0,725	0,00004285
TcCLB.505765.10	hypothetical protein, conserved (pseudogene)	-0,7259	0,00003835
TcCLB.508215.6	hypothetical protein, conserved	-0,7264	5,95E-10
TcCLB.508577.40	dispersed gene family protein 1 (DGF-1), putative	-0,7264	6,339E-06
TcCLB.510497.40	trans-sialidase, Group V, putative	-0,7265	0,033
TcCLB.511467.70	hypothetical protein, conserved	-0,7266	0,0003964
TcCLB.509525.100	trans-sialidase (pseudogene), putative	-0,7271	0,006051
TcCLB.508647.10	hypothetical protein, conserved	-0,7273	7,114E-12
TcCLB.510421.270	hypothetical protein, conserved	-0,7273	0,0002036
TcCLB.508165.200	trans-sialidase (pseudogene), putative	-0,7273	0,06516
TcCLB.510187.270	transmembrane emp24 domain-containing protein	-0,7274	2,981E-09
TcCLB.508681.40	dispersed gene family protein 1 (DGF-1), putative	-0,7275	0,1287
TcCLB.507625.90	hypothetical protein, conserved	-0,7278	6,166E-06
TcCLB.503641.10	hypothetical protein, conserved	-0,7281	3,093E-11
TcCLB.508813.40	surface protease GP63, putative	-0,7281	0,00002209
TcCLB.506443.30	hypothetical protein, conserved	-0,7283	2,461E-10
TcCLB.507927.70	hypothetical protein, conserved	-0,7283	0,0000186
TcCLB.506865.20	hypothetical protein	-0,7284	2,134E-08
TcCLB.509233.80	heat shock protein DNAJ, putative	-0,7287	1,799E-12
TcCLB.510545.73	syntaxin binding protein (pseudogene), putative	-0,729	0,01446
TcCLB.503931.14	hypothetical protein, conserved	-0,7299	1,424E-08
TcCLB.510043.20	hypothetical protein, conserved (pseudogene)	-0,73	4,732E-18
TcCLB.506579.80	hypothetical protein, conserved	-0,7305	1,215E-09
TcCLB.507951.140	U2 small nuclear ribonucleoprotein B, putative	-0,7311	0,001467



TcCLB.505937.29	dispersed gene family protein 1 (DGF-1), putative	-0,7312	0,01787
TcCLB.510013.200	90 kDa surface protein, putative	-0,7315	0,03267
TcCLB.510359.90	hypothetical protein, conserved	-0,7318	3,959E-06
TcCLB.503603.20	hypothetical protein, conserved	-0,7323	2,857E-09
TcCLB.506831.20	amino acid permease, putative	-0,7324	9,873E-07
TcCLB.511439.60	hypothetical protein, conserved	-0,7324	0,00000252
TcCLB.510297.60	zinc transporter, putative	-0,7325	2,36E-09
TcCLB.511911.150	nucleotide-binding protein, putative	-0,7326	4,225E-06
TcCLB.508625.40	hypothetical protein, conserved	-0,7327	0,00001591
TcCLB.511529.120	hypothetical protein, conserved	-0,7329	3,934E-06
TcCLB.511725.250	chaperonin containing t-complex protein, putative	-0,733	1,34E-36
TcCLB.503687.40	40 kDa cyclophilin, putative (CYP40)	-0,7339	7,603E-18
TcCLB.508277.120	ribosomal protein S6, putative	-0,734	8,832E-09
TcCLB.450155.9	hypothetical protein, conserved	-0,7341	0,00001314
TcCLB.509213.70	ribulose-5-phosphate 3-epimerase, putative	-0,7342	5,066E-08
TcCLB.506321.340	hypothetical protein, conserved	-0,7342	1,514E-07
TcCLB.508961.20	hypothetical protein, conserved	-0,7349	1,057E-06
TcCLB.508231.60	ubiquitin-protein ligase, putative	-0,7351	3,446E-29
TcCLB.506501.341	surface protease GP63 (pseudogene), putative	-0,7351	0,1733
TcCLB.505555.50	hypothetical protein	-0,7352	1,236E-20
TcCLB.510515.60	cytosolic leucyl aminopeptidase, putative	-0,7352	1,888E-11
TcCLB.508187.30	surface protease GP63, putative (fragment)	-0,7352	0,04075
TcCLB.510969.40	hypothetical protein, conserved	-0,7353	3,997E-10
TcCLB.506999.10	hypothetical protein, conserved	-0,7359	5,802E-07
TcCLB.473703.10	surface protease GP63, putative	-0,7359	0,1882
TcCLB.508461.150	hypothetical protein, conserved	-0,736	1,904E-07
TcCLB.508047.25	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	-0,7362	0,1725
TcCLB.510421.250	hypothetical protein, conserved	-0,7368	2,754E-14
TcCLB.511533.5	mitogen activated protein kinase (pseudogene), putative	-0,7368	0,07378
TcCLB.510249.14	hypothetical protein, conserved	-0,7368	0,2383
TcCLB.507091.80	mucin-associated surface protein (MASP), putative	-0,7369	0,2043
TcCLB.504155.221	surface protease GP63 (pseudogene), putative	-0,7369	0,3469
TcCLB.510757.9	hypothetical protein, conserved (fragment)	-0,7375	2,51E-10
TcCLB.508725.10	CCR4-NOT transcription complex subunit 10, putative	-0,7377	4,69E-13
TcCLB.510323.4	katanin, putative	-0,7379	1,571E-11
TcCLB.508919.140	hypothetical protein, conserved	-0,738	1,117E-25
TcCLB.510279.349	mucin-associated surface protein (MASP), putative	-0,7381	0,0736
TcCLB.510817.21	hypothetical protein	-0,7385	0,0004402
TcCLB.504233.50	hypothetical protein, conserved	-0,7385	0,2501
TcCLB.511587.120	Octanoyltransferase, putative	-0,7391	0,007346
TcCLB.506321.200	mucin-associated surface protein (MASP), putative	-0,7393	0,07751
TcCLB.506933.98	dual specificity protein phosphatase, putative	-0,7394	8,011E-10
TcCLB.510053.40	hypothetical protein, conserved	-0,7394	0,00001523
TcCLB.506925.300	cyclophilin a, putative (CYPA)	-0,7399	3,412E-11
TcCLB.507515.40	hypothetical protein, conserved	-0,7401	2,218E-06

TcCLB.506749.10	flagellar calcium-binding-like protein, putative	-0,7402	1,146E-15
TcCLB.508607.70	trans-sialidase (pseudogene), putative	-0,7403	1,383E-06
TcCLB.510223.5	guanine nucleotide exchange factor subunit GCD2	-0,7406	0,05473
TcCLB.510681.20	myosin heavy chain kinase A, putative	-0,7407	6,394E-08
TcCLB.504109.140	DNA-directed RNA polymerase I subunit, putative	-0,7409	1,379E-07
TcCLB.508175.60	hypothetical protein, conserved	-0,7412	4,855E-07
TcCLB.503917.14	hypothetical protein, conserved	-0,7415	4,892E-09
TcCLB.510629.200	retrotransposon hot spot protein (RHS, pseudogene), putative	-0,7415	0,005903
TcCLB.504171.50	hypothetical protein, conserved	-0,7416	5,107E-22
TcCLB.506341.30	beta galactofuranosyl glycosyltransferase, putative	-0,7418	2,072E-10
TcCLB.507611.180	hypothetical protein	-0,742	0,02819
TcCLB.504181.40	cdc2-related kinase 1, putative (TzCRK1)	-0,7426	1,516E-09
TcCLB.507583.20	nucleolar protein, putative	-0,7431	4,063E-09
TcCLB.506855.290	hypothetical protein, conserved	-0,7435	5,067E-08
TcCLB.506469.90	hypothetical protein, conserved	-0,7437	0,000432
TcCLB.507829.19	Vacuolar protein sorting-associated protein 16 homolog, putative	-0,7439	0,00007882
TcCLB.509803.50	hypothetical protein, conserved	-0,744	2,305E-12
TcCLB.507459.10	hypothetical protein, conserved (pseudogene)	-0,744	0,02756
TcCLB.506321.290	stress-induced protein sti1, putative	-0,7441	2,743E-25
TcCLB.432067.10	ATP-dependent RNA helicase, putative	-0,7441	0,00002023
TcCLB.484299.10	trypanothione reductase, putative	-0,7442	2,774E-09
TcCLB.510279.230	trans-sialidase, Group VI, putative	-0,7444	0,05734
TcCLB.508813.15	heat shock protein 70, putative (fragment)	-0,7445	0,00001392
TcCLB.511287.150	fibrillarin, putative	-0,7449	4,466E-10
TcCLB.510359.170	AAA ATPase, putative	-0,7453	1,805E-24
TcCLB.508897.110	macrophage infectivity potentiator, precursor, putative (MIP)	-0,7456	1,233E-12
TcCLB.508163.190	dispersed gene family protein 1 (DGF-1), putative	-0,7456	0,00314
TcCLB.509647.40	hypothetical protein, conserved	-0,7459	1,462E-08
TcCLB.506625.160	hypothetical protein, conserved	-0,746	3,296E-23
TcCLB.508013.40	trans-sialidase, Group VI, putative	-0,746	0,006766
TcCLB.510533.10	Cytoplasmic dynein 1 heavy chain (DYNC1H1), putative	-0,7462	1,657E-16
TcCLB.430727.9	inositol phosphatidylinositol phosphatase, putative	-0,7472	0,00000318
TcCLB.510595.20	hypothetical protein, conserved	-0,7474	5,774E-08
TcCLB.511635.20	histone H2B, putative	-0,7477	4,277E-19
TcCLB.509795.80	hypothetical protein, conserved	-0,7477	1,234E-13
TcCLB.503735.40	hypothetical protein	-0,7478	4,775E-08
TcCLB.509525.180	mucin TcMUCII, putative	-0,7478	0,1547
TcCLB.503717.90	surface protease GP63, putative	-0,7479	0,1101
TcCLB.509045.10	hypothetical protein, conserved	-0,7484	6,434E-06
TcCLB.505035.20	DNA-directed RNA polymerase II subunit 2 (pseudogene), putative	-0,7489	1,146E-07
TcCLB.487507.10	tryparedoxin peroxidase, putative	-0,7492	3,868E-07
TcCLB.504703.20	hypothetical protein, conserved	-0,7499	2,58E-15
TcCLB.506393.189	retrotransposon hot spot (RHS) protein, putative (fragment)	-0,7499	0,0005215
TcCLB.511381.19	hypothetical protein, conserved (fragment)	-0,7502	1,1E-11
TcCLB.506609.30	trans-sialidase, Group V, putative	-0,7502	0,2552

TcCLB.504109.20	hypothetical protein, conserved	-0,7503	1,303E-15
TcCLB.507007.70	hypothetical protein, conserved	-0,7503	2,107E-11
TcCLB.511067.14	hypothetical protein, conserved	-0,7511	0,00001331
TcCLB.505997.31	ATP-dependent DEAD/H RNA helicase (pseudogene), putat	-0,7513	0,01477
TcCLB.511025.100	chaperone DNAJ protein, putative	-0,7515	5,431E-14
TcCLB.510323.80	hypothetical protein, conserved	-0,7519	2,07E-14
TcCLB.506165.16	protein kinase, putative	-0,7519	0,00571
TcCLB.510763.60	hypothetical protein, conserved	-0,7522	1,499E-06
TcCLB.507649.20	hypothetical protein, conserved	-0,7526	1,262E-22
TcCLB.510443.9	valyl-tRNA synthetase, putative	-0,7528	1,339E-18
TcCLB.507801.160	hypothetical protein, conserved	-0,7528	2,492E-08
TcCLB.510187.510	hypothetical protein, conserved	-0,753	7,63E-10
TcCLB.482369.20	hypothetical protein, conserved	-0,7531	1,637E-20
TcCLB.509471.95	histone H3, putative	-0,7531	5,986E-08
TcCLB.508535.40	hypothetical protein, conserved	-0,7532	0,0001494
TcCLB.510933.10	trans-sialidase, Group V, putative	-0,7532	0,01083
TcCLB.509951.10	nucleolar protein, putative	-0,7534	0,00001379
TcCLB.508221.460	mucin-associated surface protein (MASP, pseudogene), pu	-0,7537	0,03898
TcCLB.506529.50	arginine N-methyltransferase, putative	-0,7539	7,688E-12
TcCLB.507941.100	hypothetical protein, conserved	-0,7541	3,541E-10
TcCLB.507093.66	hypothetical protein, conserved	-0,7543	7,685E-09
TcCLB.507735.20	hypothetical protein, conserved	-0,7546	1,144E-21
TcCLB.510319.9	hypothetical protein, conserved	-0,7546	3,719E-08
TcCLB.504039.57	mucin-associated surface protein (MASP, pseudogene), pu	-0,7549	0,3509
TcCLB.510539.10	mucin-associated surface protein (MASP), putative	-0,7551	0,3586
TcCLB.503515.7	ribosomal RNA methyltransferase, putative (fragment)	-0,7553	0,00006569
TcCLB.506575.20	hypothetical protein, conserved	-0,7554	0,00358
TcCLB.506947.50	hypothetical protein, conserved	-0,7555	1,544E-08
TcCLB.508257.230	target of rapamycin kinase (TOR) kinase 3, putative	-0,7556	2,441E-29
TcCLB.510819.110	ATP-dependent RNA helicase, putative	-0,7557	1,318E-16
TcCLB.507201.9	dispersed gene family protein 1 (DGF-1), putative	-0,7566	1,877E-06
TcCLB.506885.350	proteasome alpha 1 subunit, putative	-0,7568	1,988E-13
TcCLB.508693.150	hypothetical protein, conserved	-0,7569	6,577E-10
TcCLB.509993.5	hypothetical protein, conserved (pseudogene)	-0,7569	3,222E-06
TcCLB.508153.160	hypothetical protein, conserved	-0,7572	1,997E-06
TcCLB.508661.60	GPI transamidase component Tta2, putative (TTA2)	-0,7576	3,309E-12
TcCLB.508365.171	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	-0,7576	0,07033
TcCLB.503999.30	hypothetical protein, conserved	-0,7579	5,459E-22
TcCLB.504013.20	hypothetical protein	-0,758	1,167E-06
TcCLB.505567.31	mucin-associated surface protein (MASP, pseudogene), pu	-0,7582	0,3597
TcCLB.511149.180	trans-sialidase, Group VI, putative	-0,7586	0,008479
TcCLB.504433.10	ADP-ribosylation factor-like protein 3, putative (arl3)	-0,7593	8,188E-09
TcCLB.507867.70	prefoldin subunit, putative	-0,7593	0,00001804
TcCLB.508221.360	mucin-associated surface protein (MASP, pseudogene), pu	-0,7595	0,144
TcCLB.504839.50	nucleosome assembly protein-like protein, putative	-0,7597	2,799E-17

TcCLB.510293.79	GPI transamidase component Tta2, putative (fragment) (T	-0,7597	5,638E-08
TcCLB.464415.10	hypothetical protein	-0,7598	0,05633
TcCLB.510901.130	hypothetical protein, conserved	-0,76	1,161E-08
TcCLB.506963.80	hypothetical protein, conserved	-0,7601	4,997E-18
TcCLB.511557.60	hypothetical protein, conserved	-0,7604	0,00002245
TcCLB.509583.10	chaperonin TCP20, putative	-0,7606	3,447E-21
TcCLB.510617.19	hypothetical protein, conserved	-0,7607	4,47E-08
TcCLB.506943.90	hypothetical protein, conserved	-0,7607	0,0000232
TcCLB.506769.10	hypothetical protein	-0,7607	0,1427
TcCLB.509233.140	aldehyde dehydrogenase (pseudogene), putative	-0,761	0,004773
TcCLB.511633.10	hypothetical protein, conserved	-0,7614	0,1471
TcCLB.508637.63	hypothetical protein, conserved	-0,7615	3,06E-14
TcCLB.508737.194	ARP2/3 complex subunit, putative	-0,7616	3,519E-07
TcCLB.510491.50	hypothetical protein, conserved	-0,7617	0,001037
TcCLB.511233.70	hypothetical protein, conserved	-0,7625	3,941E-20
TcCLB.506335.110	trans-sialidase (pseudogene), putative	-0,7625	0,0009801
TcCLB.506309.130	trans-sialidase (pseudogene), putative	-0,7629	0,2234
TcCLB.508181.149	hypothetical protein, conserved	-0,7632	0,002158
TcCLB.510655.90	Importin 1 (IMP1)	-0,7633	9,218E-30
TcCLB.508839.40	hypothetical protein, conserved	-0,7641	8,958E-08
TcCLB.510187.320	hypothetical protein	-0,7643	1,125E-11
TcCLB.504247.20	ATP-dependent RNA helicase, putative	-0,7645	1,668E-17
TcCLB.506107.20	dihydrouridine synthase (Dus), putative	-0,7645	0,0002022
TcCLB.508253.20	trans-sialidase (pseudogene), putative	-0,7648	0,05477
TcCLB.510759.190	hypothetical protein, conserved	-0,7649	7,491E-15
TcCLB.509591.50	RNA-binding protein 34, putative (RBP34)	-0,7656	1,815E-10
TcCLB.507609.10	nucleoporin interacting component (NUP93), putative	-0,7659	5,139E-09
TcCLB.506275.9	RNA polymerase-associated protein CDC73, putative	-0,7659	1,328E-06
TcCLB.511759.20	trans-sialidase (pseudogene), putative	-0,7665	1,493E-09
TcCLB.507023.260	hypothetical protein, conserved	-0,767	1,035E-10
TcCLB.509891.50	hypothetical protein, conserved	-0,7672	7,853E-06
TcCLB.510221.20	hypothetical protein, conserved	-0,7677	1,913E-09
TcCLB.507259.16	protein kinase, putative (fragment)	-0,7679	0,08998
TcCLB.510269.73	hypothetical protein, conserved (pseudogene)	-0,7681	0,0004412
TcCLB.511437.10	surface protease GP63, putative	-0,7686	0,00088
TcCLB.508847.9	dispersed gene family protein 1 (DGF-1), putative	-0,7686	0,1017
TcCLB.511339.20	C-5 sterol desaturase, putative	-0,7687	1,044E-08
TcCLB.511283.184	hypothetical protein, conserved	-0,7687	1,053E-06
TcCLB.503803.4	serine/threonine protein phosphatase 2A regulatory subun	-0,7687	0,00009309
TcCLB.505999.4	hypothetical protein, conserved	-0,7688	1,794E-06
TcCLB.510771.9	hypothetical protein, conserved (fragment)	-0,769	2,649E-21
TcCLB.508159.40	dispersed gene family protein 1 (DGF-1), putative	-0,7695	0,002272
TcCLB.446067.9	hypothetical protein, conserved (fragment)	-0,7696	7,628E-10
TcCLB.466593.19	hypothetical protein, conserved	-0,7706	1,62E-09
TcCLB.509555.10	hypothetical protein (fragment)	-0,7708	5,254E-10

TcCLB.510499.20	hypothetical protein	-0,7708	0,0302
TcCLB.508075.30	hypothetical protein, conserved (pseudogene)	-0,7709	5,876E-08
TcCLB.504215.30	hypothetical protein, conserved	-0,7712	2,605E-09
TcCLB.510387.30	surface protease GP63 (pseudogene), putative	-0,7713	0,05435
TcCLB.511875.5	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	-0,7714	0,03142
TcCLB.508139.20	dispersed gene family protein 1 (DGF-1), putative	-0,7715	7,22E-09
TcCLB.508007.10	trans-sialidase, putative	-0,7723	0,4989
TcCLB.508813.30	surface protease GP63 (pseudogene), putative	-0,7726	0,004007
TcCLB.503491.19	mucin-associated surface protein (MASP), putative	-0,7728	0,02507
TcCLB.508143.65	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	-0,7735	0,06365
TcCLB.506939.200	trans-sialidase (pseudogene), putative	-0,774	0,00674
TcCLB.504741.90	hypothetical protein, conserved	-0,7741	5,808E-07
TcCLB.510487.70	trans-sialidase (pseudogene), putative	-0,7742	0,003389
TcCLB.507165.50	cysteine synthase, putative	-0,7744	3,803E-07
TcCLB.508775.30	dispersed gene family protein 1 (DGF-1), putative	-0,7744	0,004027
TcCLB.509551.140	hypothetical protein, conserved	-0,7747	2,961E-17
TcCLB.509733.90	hypothetical protein, conserved	-0,7751	1,214E-19
TcCLB.508873.344	mucin-associated surface protein (MASP, pseudogene), pu	-0,7751	0,01665
TcCLB.509799.80	hypothetical protein, conserved	-0,7752	9,651E-12
TcCLB.508727.30	hypothetical protein, conserved	-0,7753	0,00001812
TcCLB.508957.14	hypothetical protein, conserved (fragment)	-0,7757	4,704E-08
TcCLB.506753.249	hypothetical protein, conserved	-0,7761	0,1277
TcCLB.509741.50	kinesin-like protein (pseudogene), putative	-0,7763	0,000212
TcCLB.510955.30	hypothetical protein, conserved	-0,7766	6,322E-12
TcCLB.507129.30	C-14 sterol reductase, putative	-0,777	8,534E-14
TcCLB.508461.410	T-complex protein 1, eta subunit, putative	-0,7771	4,568E-38
TcCLB.511273.59	5-oxoprolinase, putative	-0,7771	2,742E-12
TcCLB.503899.90	asparagine synthetase a, putative	-0,7772	5,395E-06
TcCLB.510741.229	ubiquitin-activating enzyme E1, putative	-0,7775	1,804E-13
TcCLB.509551.70	hypothetical protein, conserved	-0,7775	3,52E-13
TcCLB.509683.130	aminopeptidase, putative	-0,7776	2,296E-12
TcCLB.506359.50	hypothetical protein, conserved	-0,7777	2,161E-06
TcCLB.506465.5	hypothetical protein	-0,7777	0,00002903
TcCLB.510773.70	dynein heavy chain, putative	-0,7781	8,182E-10
TcCLB.504625.40	hypothetical protein, conserved	-0,7782	2,421E-12
TcCLB.505931.40	histone H3, putative	-0,7784	1,945E-06
TcCLB.510275.130	dispersed gene family protein 1 (DGF-1), putative	-0,7785	0,0005614
TcCLB.506763.370	hypothetical protein	-0,7785	0,2004
TcCLB.510463.230	dispersed gene family protein 1 (DGF-1), putative	-0,7787	0,02398
TcCLB.509567.34	hypothetical protein, conserved	-0,7788	2,116E-10
TcCLB.510061.11	mucin-associated surface protein (MASP), putative	-0,7789	0,008383
TcCLB.508881.30	hypothetical protein, conserved	-0,779	1,89E-09
TcCLB.509871.21	N-acetyltransferase complex ARD1 subunit (pseudogene),	-0,7796	0,1927
TcCLB.508595.20	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, pu	-0,7798	0,002479
TcCLB.506459.235	hypothetical protein, conserved	-0,7806	0,0002129

TcCLB.509065.170	hypothetical protein, conserved	-0,7811	9,913E-14
TcCLB.417203.9	dispersed gene family protein 1 (DGF-1), putative	-0,7811	0,005474
TcCLB.510431.120	hypothetical protein, conserved	-0,7818	2,862E-10
TcCLB.508823.60	hypothetical protein, conserved	-0,782	8,746E-08
TcCLB.506679.90	RNA editing complex protein MP67, putative	-0,7825	1,231E-15
TcCLB.510699.20	mucin-associated surface protein (MASP, pseudogene), pu	-0,7825	0,0004349
TcCLB.506321.60	surface protease GP63 (pseudogene), putative	-0,7826	0,02071
TcCLB.511801.10	hypothetical protein, conserved	-0,7828	1,138E-19
TcCLB.508219.90	90 kDa surface protein, putative	-0,7831	0,01769
TcCLB.511545.100	hypothetical protein, conserved	-0,7835	3,035E-19
TcCLB.511741.10	hypothetical protein, conserved	-0,7836	1,257E-06
TcCLB.503955.20	mitochondrial DNA polymerase beta, putative	-0,7846	6,519E-23
TcCLB.511337.30	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, pu	-0,7846	0,01169
TcCLB.506965.120	hypothetical protein	-0,7848	0,1081
TcCLB.511519.9	small glutamine-rich tetratricopeptide repeat protein, puta	-0,7868	3,486E-10
TcCLB.503681.9	hypothetical protein, conserved	-0,7869	2,4E-15
TcCLB.506743.4	eukaryotic translation initiation factor 1A, putative (fragme	-0,7872	6,16E-10
TcCLB.503967.4	hypothetical protein, conserved	-0,7873	0,002753
TcCLB.411383.10	surface protease GP63 (pseudogene), putative	-0,7874	0,1825
TcCLB.507511.40	G5-interacting protein, putative (G5-IP)	-0,7885	7,315E-16
TcCLB.511467.20	hypothetical protein, conserved	-0,7889	1,317E-37
TcCLB.506009.60	hypothetical protein	-0,7892	7,255E-09
TcCLB.508645.40	nucleoside transporter 1, putative	-0,7897	4,396E-38
TcCLB.507915.19	mismatch repair protein MSH3, putative	-0,7906	0,0001637
TcCLB.507951.60	hypothetical protein, conserved	-0,7911	8,905E-15
TcCLB.505025.10	mucin-associated surface protein (MASP), putative	-0,7918	0,08221
TcCLB.511485.20	retrotransposon hot spot protein (RHS, pseudogene), putat	-0,7919	2,636E-06
TcCLB.508323.9	farnesyl pyrophosphate synthase, putative	-0,7921	3,961E-13
TcCLB.508427.30	surface protease GP63 (pseudogene), putative	-0,7924	0,02713
TcCLB.504017.79	glycyl-tRNA synthetase, putative	-0,7925	8,97E-12
TcCLB.511099.20	trans-sialidase (pseudogene), putative	-0,7925	0,09837
TcCLB.511871.70	hypothetical protein, conserved	-0,7926	2,556E-07
TcCLB.511477.10	trans-sialidase (pseudogene), putative	-0,7929	0,1406
TcCLB.508271.30	hypothetical protein, conserved	-0,793	6,355E-12
TcCLB.508601.100	hypothetical protein, conserved	-0,7933	1,098E-18
TcCLB.503893.150	hypothetical protein, conserved	-0,7938	2,578E-10
TcCLB.509053.110	ubiquitin fusion degradation protein 2, putative	-0,794	5,98E-27
TcCLB.510105.50	fibrillar, putative	-0,7943	9,097E-15
TcCLB.505997.21	N-acetyltransferase complex ARD1 subunit (pseudogene),	-0,7944	0,07627
TcCLB.509267.50	U5 small nuclear ribonucleoprotein component, putative	-0,7945	2,663E-19
TcCLB.504005.60	hypothetical protein, conserved	-0,7951	0,000051
TcCLB.510337.30	adenylosuccinate lyase, putative (ADSL)	-0,7953	2,077E-16
TcCLB.511445.80	hypothetical protein, conserved	-0,7957	1,035E-10
TcCLB.511795.10	hypothetical protein, conserved (pseudogene)	-0,7958	0,0109
TcCLB.507143.70	hypothetical protein, conserved	-0,7961	9,259E-17

TcCLB.486901.10	endonuclease/exonuclease/phosphatase, putative	-0,7963	0,00001128
TcCLB.511261.120	pumilio/PUF RNA binding protein 2, putative (PUF2)	-0,7963	0,000213
TcCLB.506885.410	hypothetical protein, conserved	-0,7975	1,269E-08
TcCLB.511837.40	hypothetical protein, conserved	-0,7975	8,186E-07
TcCLB.509157.70	hypothetical protein, conserved	-0,7976	0,000493
TcCLB.510209.18	mucin TcMUCII (pseudogene), putative	-0,7983	0,09462
TcCLB.508943.30	RNA-binding protein, putative	-0,7984	8,228E-09
TcCLB.506947.40	peroxisome assembly protein, putative	-0,7989	5,596E-15
TcCLB.508073.10	surface protease GP63, putative	-0,7989	0,0001814
TcCLB.508163.390	hypothetical protein, conserved	-0,7989	0,001551
TcCLB.508391.10	dispersed gene family protein 1 (DGF-1), putative	-0,7997	0,004979
TcCLB.508365.160	mucin-associated surface protein (MASP), putative	-0,7997	0,02719
TcCLB.507089.280	chaperone DnaJ protein (pseudogene), putative	-0,8005	0,000053
TcCLB.507277.30	hypothetical protein, conserved	-0,8006	1,919E-09
TcCLB.511649.39	hypothetical protein, conserved	-0,8007	6,822E-06
TcCLB.503973.40	dispersed gene family protein 1 (DGF-1), putative	-0,801	0,00161
TcCLB.506459.120	mucin TcMUCII, putative	-0,8017	0,06757
TcCLB.506503.69	glycosomal malate dehydrogenase, putative	-0,8023	1,016E-23
TcCLB.511357.5	glycerol uptake protein, putative (fragment)	-0,8024	6,527E-06
TcCLB.507209.10	small nuclear ribonucleoprotein protein, putative	-0,8026	1,864E-11
TcCLB.511045.40	subtilisin peptidase	-0,8027	1,337E-16
TcCLB.510693.120	trans-sialidase (pseudogene), putative	-0,803	0,01076
TcCLB.508207.220	hypothetical protein, conserved	-0,8031	0,0001949
TcCLB.510385.5	hypothetical protein, conserved (pseudogene)	-0,8031	0,001092
TcCLB.506661.150	hypothetical protein, conserved	-0,8032	2,763E-06
TcCLB.508853.20	trans-sialidase, Group V, putative	-0,8044	0,0006502
TcCLB.411059.18	clathrin heavy chain, putative	-0,8047	1,295E-07
TcCLB.507839.18	hypothetical protein, conserved	-0,8048	5,709E-10
TcCLB.506625.84	hypothetical protein, conserved	-0,8049	3,468E-07
TcCLB.450019.9	dispersed gene family protein 1 (DGF-1), putative (fragme	-0,8054	7,136E-07
TcCLB.508181.10	hypothetical protein, conserved	-0,8055	5E-10
TcCLB.503899.80	hypothetical protein, conserved	-0,8057	5,597E-14
TcCLB.506363.10	hypothetical protein	-0,8059	0,00001086
TcCLB.508355.380	cysteine peptidase, Clan CA, family C19, putative	-0,8062	9,973E-06
TcCLB.511173.10	trans-sialidase, putative	-0,8064	0,09817
TcCLB.503423.20	protein kinase, putative	-0,8072	0,1068
TcCLB.509527.154	mucin-associated surface protein (MASP, pseudogene), pu	-0,8077	0,01279
TcCLB.506885.450	Kinesin-13 6, putative (KIN13-6)	-0,8081	5,464E-10
TcCLB.510187.420	chaperonin HSP60, mitochondrial precursor (pseudogene) (	-0,8082	5,452E-11
TcCLB.446785.10	trans-sialidase, putative (fragment)	-0,8083	0,00001808
TcCLB.509805.210	hypothetical protein, conserved	-0,8085	2,373E-06
TcCLB.506315.30	protein phosphatase 1 catalitic subunit, putative	-0,8088	4,522E-13
TcCLB.471467.10	trans-sialidase, putative (fragment)	-0,8093	0,002087
TcCLB.511575.60	isocitrate dehydrogenase [NADP], mitochondrial precursor,	-0,8096	4,581E-10
TcCLB.511255.350	trans-sialidase, Group V, putative	-0,8097	0,02083

TcCLB.508153.330	vacuolar protein sorting-associated protein 4, putative (VP4)	-0,81	5,244E-26
TcCLB.509505.70	10 kDa heat shock protein, putative	-0,81	0,2195
TcCLB.506137.60	mucin-associated surface protein (MASP), putative	-0,8106	0,2
TcCLB.511367.20	hypothetical protein	-0,8111	0,09627
TcCLB.507859.120	dispersed gene family protein 1 (DGF-1), putative	-0,8111	0,1321
TcCLB.511163.20	cdc2-related kinase 8, putative (CRK8)	-0,8119	2,188E-10
TcCLB.506925.370	MP44 (pseudogene), putative	-0,8122	0,002956
TcCLB.434945.10	hypothetical protein, conserved	-0,8123	0,005699
TcCLB.504057.65	hypothetical protein, conserved	-0,8127	6,523E-08
TcCLB.508251.10	hypothetical protein	-0,8127	0,0612
TcCLB.508891.90	hypothetical protein, conserved	-0,8128	6,694E-15
TcCLB.507851.70	hypothetical protein	-0,813	1,899E-12
TcCLB.510825.10	hypothetical protein, conserved	-0,8138	1,133E-09
TcCLB.511911.159	histone deacetylase 1, putative	-0,8141	1,699E-06
TcCLB.503687.30	hypothetical protein, conserved	-0,8144	0,00000229
TcCLB.506193.5	glucose-6-phosphate 1-dehydrogenase (pseudogene), putative	-0,8146	0,0004034
TcCLB.510823.60	hypothetical protein, conserved	-0,815	1,296E-17
TcCLB.511351.9	inosine-5'-monophosphate dehydrogenase, putative	-0,8151	2,03E-13
TcCLB.509551.60	hypothetical protein, conserved	-0,8153	6,225E-07
TcCLB.508873.260	hypothetical protein	-0,8154	0,1129
TcCLB.506755.160	AAA ATPase, putative	-0,8156	1,179E-31
TcCLB.503945.40	6-phosphogluconolactonase, putative	-0,8156	1,037E-06
TcCLB.506605.70	hypothetical protein, conserved	-0,8157	1,913E-16
TcCLB.507069.10	mucin-associated surface protein (MASP), putative	-0,816	0,009497
TcCLB.511183.130	hypothetical protein, conserved (pseudogene)	-0,816	0,05817
TcCLB.511547.10	mucin-associated surface protein (MASP), putative	-0,816	0,08202
TcCLB.506831.70	glutamyl-tRNA synthetase, putative	-0,8162	9,941E-16
TcCLB.425785.18	hypothetical protein, conserved	-0,8166	0,002297
TcCLB.510709.41	hypothetical protein, conserved	-0,8183	0,07424
TcCLB.506831.79	pre-mRNA splicing factor ATP-dependent RNA helicase, putative	-0,8192	0,0001019
TcCLB.511573.58	Nucleolar protein 56, putative (fragment) (NOP56)	-0,8197	8,452E-19
TcCLB.509499.29	hypothetical protein, conserved	-0,8202	7,637E-07
TcCLB.506265.20	hypothetical protein, conserved	-0,8205	4,257E-21
TcCLB.508259.11	hypothetical protein, conserved (pseudogene)	-0,821	0,001908
TcCLB.511229.50	S-adenosylhomocysteine hydrolase, putative	-0,8211	5,427E-16
TcCLB.510525.40	hypothetical protein, conserved	-0,8211	1,142E-07
TcCLB.426897.4	hypothetical protein, conserved (fragment)	-0,8211	0,0002178
TcCLB.443971.10	hypothetical protein, conserved (fragment)	-0,8212	0,06131
TcCLB.508365.290	mucin TcMUCII, putative	-0,8218	0,05734
TcCLB.511635.10	histone H2B, putative	-0,822	4,498E-26
TcCLB.506699.34	ATP-dependent 6-phosphofructokinase, glycosomal (pseudogene)	-0,822	1,519E-15
TcCLB.511867.90	hypothetical protein, conserved	-0,822	5,266E-09
TcCLB.508965.70	hypothetical protein, conserved	-0,8227	0,1095
TcCLB.509729.29	neurobeachin/beige protein, putative (fragment)	-0,8229	1,206E-13
TcCLB.510799.18	hypothetical protein, conserved	-0,823	1,293E-09



TcCLB.504155.30	retrotransposon hot spot protein (RHS, pseudogene), putat	-0,8234	0,02178
TcCLB.507389.30	hypothetical protein	-0,8235	4,079E-16
TcCLB.507063.180	hypothetical protein, conserved	-0,8238	7,556E-07
TcCLB.511255.420	mucin-associated surface protein (MASP, pseudogene), pu	-0,8239	0,006001
TcCLB.504099.15	hypothetical protein	-0,824	0,0147
TcCLB.466007.9	dispersed gene family protein 1 (DGF-1), putative (fragme	-0,8242	0,05565
TcCLB.508831.180	beta galactofuranosyl glycosyltransferase (pseudogene), pi	-0,8244	0,05681
TcCLB.507963.40	hypothetical protein, conserved	-0,8245	1,241E-08
TcCLB.470521.10	protein kinase, putative (fragment)	-0,8246	1,559E-06
TcCLB.506451.13	hypothetical protein (pseudogene)	-0,825	0,00002039
TcCLB.509213.130	autophagocytosis associated protein, putative	-0,8252	2,199E-08
TcCLB.511367.220	hypothetical protein, conserved	-0,8253	3,665E-16
TcCLB.505773.20	dispersed gene family protein 1 (DGF-1), putative	-0,8259	0,007709
TcCLB.508969.40	dispersed gene family protein 1 (DGF-1), putative	-0,8263	0,03032
TcCLB.511717.90	phosphomannose isomerase, putative	-0,8266	2,981E-12
TcCLB.511485.11	retrotransposon hot spot protein (RHS, pseudogene), putat	-0,827	0,02515
TcCLB.507809.140	hypothetical protein, conserved	-0,8277	4,354E-07
TcCLB.509011.20	RNA polymerase IIA largest subunit, putative	-0,8278	1,145E-26
TcCLB.508163.360	dispersed gene family protein 1 (DGF-1), putative	-0,8289	0,0002585
TcCLB.503897.10	hypothetical protein	-0,829	8,784E-18
TcCLB.508871.30	surface protease GP63 (pseudogene), putative	-0,8294	0,003721
TcCLB.507769.50	ATP-dependent DEAD/H RNA helicase (pseudogene), putat	-0,8297	5,257E-06
TcCLB.510877.70	ATP-dependent RNA and DNA helicase, mitochondrial, put:	-0,83	2,893E-17
TcCLB.508265.60	hypothetical protein, conserved (pseudogene)	-0,83	3,098E-15
TcCLB.510187.490	hypothetical protein, conserved	-0,83	2,825E-08
TcCLB.508539.10	hypothetical protein, conserved	-0,8302	0,003216
TcCLB.504741.190	hypothetical protein, conserved	-0,8313	9,683E-07
TcCLB.509793.20	hypothetical protein, conserved	-0,8316	1,201E-10
TcCLB.510687.149	coatomer alpha subunit, putative	-0,8319	6,231E-16
TcCLB.511731.60	glutamyl-tRNA synthetase, putative	-0,8328	6,937E-18
TcCLB.509767.110	hypothetical protein, conserved	-0,8328	5,259E-10
TcCLB.510187.160	developmentally regulated GTP-binding protein, putative	-0,8338	9,923E-25
TcCLB.506321.160	syntaxin binding protein (pseudogene), putative	-0,8339	0,00007399
TcCLB.510297.30	TPR-repeat-containing chaperone protein DNAJ, putative	-0,8341	9,453E-18
TcCLB.506137.27	mucin-associated surface protein (MASP, pseudogene), pu	-0,8342	0,01342
TcCLB.511803.60	hypothetical protein, conserved	-0,8344	6,449E-07
TcCLB.511717.180	hypothetical protein, conserved	-0,8347	1,505E-11
TcCLB.509345.30	trans-sialidase (pseudogene), putative	-0,8348	3,042E-10
TcCLB.511301.30	hypothetical protein, conserved	-0,8348	1,417E-06
TcCLB.508943.10	hypothetical protein, conserved	-0,8353	1,811E-08
TcCLB.507007.77	hypothetical protein, conserved	-0,8356	0,0003127
TcCLB.506211.250	fibrillar, putative	-0,8362	5,419E-12
TcCLB.509331.134	trypanothione synthetase, putative	-0,8365	8,955E-08
TcCLB.510371.110	mucin TcMUCII, putative	-0,8369	0,1039
TcCLB.510215.10	NADH-dependent fumarate reductase, putative	-0,8372	7,737E-11

TcCLB.511255.110	trans-sialidase (pseudogene), putative	-0,8381	0,0165
TcCLB.510603.140	hypothetical protein	-0,8382	2,549E-21
TcCLB.508873.360	retrotransposon hot spot protein (RHS, pseudogene), putative	-0,8382	0,001317
TcCLB.506859.150	hypothetical protein	-0,8385	4,319E-22
TcCLB.510329.250	hypothetical protein, conserved	-0,8385	3,161E-07
TcCLB.510361.209	mucin-associated surface protein (MASP, pseudogene), putative	-0,8386	0,02879
TcCLB.506009.80	DNA repair and transcription factor protein, putative	-0,8391	1,136E-10
TcCLB.511611.16	mucin TcMUCII (pseudogene), putative	-0,8395	0,1144
TcCLB.509633.20	hypothetical protein, conserved	-0,84	8,078E-15
TcCLB.509901.90	hypothetical protein, conserved (pseudogene)	-0,8402	7,35E-25
TcCLB.511589.200	S-adenosylhomocysteine hydrolase, putative	-0,8406	1,047E-14
TcCLB.503959.40	hypothetical protein	-0,8407	6,038E-12
TcCLB.505025.147	hypothetical protein	-0,8407	0,003697
TcCLB.509123.20	hypothetical protein	-0,841	0,1177
TcCLB.506537.71	hypothetical protein, conserved (pseudogene)	-0,8414	1,979E-11
TcCLB.421621.20	syntaxin binding protein (pseudogene), putative	-0,8416	0,007738
TcCLB.504241.90	dispersed gene family protein 1 (DGF-1), putative	-0,8424	0,08943
TcCLB.511367.10	hypothetical protein	-0,8425	0,09517
TcCLB.511061.40	trans-sialidase, Group V, putative	-0,8432	0,006693
TcCLB.511717.209	phosphatidylinositol 3-related kinase, putative (fragment)	-0,8435	0,008857
TcCLB.511277.250	hypothetical protein, conserved	-0,8437	4,123E-24
TcCLB.510463.221	hypothetical protein, conserved (pseudogene)	-0,8439	0,1606
TcCLB.506967.140	mucin-associated surface protein (MASP, pseudogene), putative	-0,8441	0,09035
TcCLB.509031.3	trans-sialidase, putative (fragment)	-0,8442	0,01872
TcCLB.510477.70	mucin TcMUCII, putative	-0,8446	0,04796
TcCLB.510429.50	Lsm12 protein, putative	-0,845	1,125E-11
TcCLB.505555.10	lysosomal/endosomal membrane protein p67 (pseudogene)	-0,8453	8,249E-22
TcCLB.462761.10	surface protease GP63, putative	-0,8459	9,008E-10
TcCLB.510491.80	hypothetical protein, conserved	-0,8461	2,22E-13
TcCLB.506941.120	hypothetical protein, conserved	-0,8462	1,508E-11
TcCLB.510449.10	dispersed gene family protein 1 (DGF-1), putative	-0,8468	9,377E-06
TcCLB.509205.100	surface protease GP63, putative	-0,8473	9,268E-07
TcCLB.506229.60	hypothetical protein, conserved	-0,848	7,756E-13
TcCLB.511277.190	ras-related GTP-binding protein, putative	-0,8491	1,381E-12
TcCLB.511477.25	hypothetical protein, conserved (pseudogene)	-0,8495	0,000364
TcCLB.508771.20	cysteine peptidase, Clan CA, family C51, putative	-0,8497	1,533E-17
TcCLB.508909.140	hypothetical protein, conserved	-0,8503	2,065E-11
TcCLB.511633.40	dynein light chain, putative	-0,8504	6,6E-08
TcCLB.510623.45	surface protease GP63 (pseudogene), putative	-0,8506	0,006064
TcCLB.508231.74	poly(A)-specific ribonuclease PARN, putative	-0,8509	7,323E-09
TcCLB.505965.10	surface protease GP63, putative	-0,8509	0,02104
TcCLB.509951.49	DNA-directed RNA polymerase II subunit 2, putative	-0,8515	9,3E-14
TcCLB.509065.90	hypothetical protein, conserved	-0,8517	2,024E-19
TcCLB.505943.79	retrotransposon hot spot protein (RHS, pseudogene), putative	-0,8517	0,07721
TcCLB.511173.370	trans-sialidase, Group VI, putative	-0,8519	0,009286

TcCLB.507953.10	trans-sialidase, Group V, putative	-0,8519	0,1215
TcCLB.509715.104	protein kinase, putative	-0,8523	1,235E-14
TcCLB.509163.60	hypothetical protein, conserved	-0,8528	2,834E-11
TcCLB.509167.80	hypothetical protein, conserved	-0,8529	1,57E-17
TcCLB.508773.9	dispersed gene family protein 1 (DGF-1), putative	-0,853	0,1144
TcCLB.508543.100	hypothetical protein, conserved	-0,8531	1,506E-24
TcCLB.509105.120	protein kinase, putative	-0,8534	6,435E-11
TcCLB.510329.170	hypothetical protein, conserved	-0,8535	8,95E-22
TcCLB.507019.120	hypothetical protein, conserved	-0,8541	1,23E-09
TcCLB.504839.70	hypothetical protein, conserved	-0,8542	2,414E-24
TcCLB.508667.40	hypothetical protein, conserved	-0,8547	9,983E-18
TcCLB.503865.20	hypothetical protein, conserved	-0,8557	2,59E-19
TcCLB.504247.79	transmembrane protein, conserved (fragment)	-0,8562	1,104E-08
TcCLB.507255.63	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, putative	-0,8563	0,005672
TcCLB.506447.10	hypothetical protein	-0,8566	7,067E-08
TcCLB.506009.30	TPR-repeat-containing chaperone protein DNAJ, putative	-0,8579	2,802E-15
TcCLB.509795.50	hypothetical protein, conserved	-0,8581	1,079E-22
TcCLB.506321.150	surface protease GP63 (pseudogene), putative	-0,8585	0,02149
TcCLB.509051.30	dTDP-glucose 4,6-dehydratase, putative	-0,859	1,141E-13
TcCLB.508667.9	hypothetical protein, conserved	-0,859	0,001155
TcCLB.508851.40	Octanoyltransferase, putative	-0,8592	0,0002063
TcCLB.511597.25	hypothetical protein	-0,8592	0,105
TcCLB.506743.130	protein tyrosine phosphatase-like protein, putative	-0,8593	0,0003342
TcCLB.511855.40	hypothetical protein, conserved	-0,86	3,455E-11
TcCLB.509741.40	hypothetical protein, conserved	-0,86	8,567E-08
TcCLB.504153.270	hypothetical protein, conserved	-0,8601	1,867E-23
TcCLB.508103.30	trans-sialidase, Group V, putative	-0,8602	0,06688
TcCLB.509767.170	hypothetical protein, conserved	-0,8604	1,062E-26
TcCLB.507723.70	hypothetical protein, conserved (pseudogene)	-0,8607	4,294E-25
TcCLB.510031.60	methionyl-tRNA formyltransferase, putative	-0,8607	7,986E-14
TcCLB.508707.224	tubulin binding cofactor A-like protein, putative	-0,861	1,787E-07
TcCLB.509569.80	hypothetical protein	-0,8616	1,547E-10
TcCLB.506925.340	hypothetical protein, conserved	-0,8618	2,377E-10
TcCLB.508727.9	CCR4-NOT transcription complex subunit 10, putative	-0,8629	5,697E-19
TcCLB.507723.189	bloodstream- specific protein 2 precursor (fragment)	-0,8632	6,345E-12
TcCLB.507641.14	neurobeachin/beige protein, putative	-0,8635	7,059E-21
TcCLB.508261.140	elongation factor 1-gamma (EF-1-gamma), putative	-0,8638	0,04659
TcCLB.506245.80	hypothetical protein, conserved (pseudogene)	-0,8641	0,0008625
TcCLB.506875.10	mucin TcMUCII (pseudogene), putative	-0,8646	0,0718
TcCLB.510657.200	surface protease GP63, putative	-0,8648	3,771E-07
TcCLB.511273.50	hypothetical protein, conserved	-0,8651	2,463E-13
TcCLB.427237.9	dispersed gene family protein 1 (DGF-1), putative	-0,8654	0,04564
TcCLB.510627.110	mucin-associated surface protein (MASP), putative	-0,8658	0,3469
TcCLB.503971.40	translation initiation factor 2 subunit, putative	-0,8661	2,283E-09
TcCLB.511757.10	hypothetical protein, conserved	-0,8664	7,822E-23

TcCLB.510431.130	hypothetical protein, conserved	-0,8668	1,142E-10
TcCLB.507821.101	hypothetical protein, conserved (pseudogene)	-0,8668	0,00001503
TcCLB.506321.90	syntaxin binding protein (pseudogene), putative	-0,8668	0,00045
TcCLB.508427.40	mucin-associated surface protein (MASP), putative	-0,8677	0,0003235
TcCLB.509545.25	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	-0,8677	0,1985
TcCLB.507817.9	histone H3, putative	-0,8682	4,138E-06
TcCLB.509965.210	hypothetical protein, conserved	-0,8687	0,003688
TcCLB.510465.10	dispersed gene family protein 1 (DGF-1), putative	-0,8687	0,04526
TcCLB.507007.9	hypothetical protein, conserved (pseudogene)	-0,8691	2,229E-18
TcCLB.506727.140	hypothetical protein, conserved	-0,8702	1,376E-09
TcCLB.511205.10	surface protease GP63 (pseudogene), putative	-0,8704	1,46E-08
TcCLB.509979.261	surface protease GP63 (pseudogene), putative	-0,8704	0,0004424
TcCLB.503973.31	hypothetical protein, conserved (pseudogene)	-0,8714	0,00008498
TcCLB.504057.160	hypothetical protein, conserved	-0,8722	3,763E-10
TcCLB.507195.40	trans-sialidase (pseudogene), putative	-0,8722	0,04013
TcCLB.511323.40	histone H2A, putative	-0,8734	4,704E-08
TcCLB.505555.30	hypothetical protein, conserved	-0,8738	1,193E-26
TcCLB.506501.329	mucin-associated surface protein (MASP, pseudogene), pu	-0,8741	0,07007
TcCLB.509719.9	N-acetyltransferase complex ARD1 subunit, putative (fragr	-0,8746	0,0007207
TcCLB.506739.160	hypothetical protein, conserved	-0,8748	8,554E-16
TcCLB.510625.210	trans-sialidase (pseudogene), putative	-0,8749	0,02593
TcCLB.506193.60	ascorbate peroxidase, putative (APX)	-0,8751	1,723E-07
TcCLB.507753.6	hypothetical protein, conserved (pseudogene)	-0,8751	0,0001673
TcCLB.511875.20	trans-sialidase, Group VII, putative	-0,8754	2,831E-08
TcCLB.511183.315	hypothetical protein, conserved (pseudogene)	-0,8762	0,04026
TcCLB.506909.131	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	-0,8774	0,0659
TcCLB.506167.50	clathrin heavy chain, putative	-0,8776	3,801E-38
TcCLB.507875.10	hypothetical protein, conserved	-0,8776	3,542E-14
TcCLB.503529.10	hypothetical protein, conserved (fragment)	-0,8777	0,06114
TcCLB.508273.80	syntaxin binding protein, putative	-0,878	0,0008286
TcCLB.506739.60	hypothetical protein, conserved	-0,8783	3,221E-15
TcCLB.509163.54	zinc finger protein, putative	-0,8784	0,1668
TcCLB.508153.210	hypothetical protein, conserved	-0,8797	2,572E-07
TcCLB.508365.180	hypothetical protein	-0,8798	0,1499
TcCLB.506443.10	hypothetical protein	-0,8802	5,367E-13
TcCLB.508645.4	hypothetical protein, conserved	-0,8803	0,0001184
TcCLB.511215.70	kinesin, putative	-0,8826	9,394E-13
TcCLB.510003.30	phosphatidylinositol 4-kinase alpha, putative	-0,883	7,4E-25
TcCLB.510057.4	hypothetical protein, conserved	-0,8831	3,085E-09
TcCLB.506509.40	hypothetical protein, conserved	-0,8836	3,788E-09
TcCLB.508469.4	hypothetical protein, conserved (fragment)	-0,8843	1,106E-12
TcCLB.509069.30	tubulin binding cofactor A-like protein, putative	-0,8844	1,364E-07
TcCLB.510239.30	hypothetical protein, conserved (pseudogene)	-0,8844	0,001326
TcCLB.506251.70	trans-sialidase (pseudogene), putative	-0,8846	0,2772
TcCLB.506693.30	RNA-binding protein 6, putative	-0,8854	0,05537

TcCLB.507509.10	hypothetical protein, conserved (pseudogene)	-0,8858	0,00000012
TcCLB.507817.18	histone H3, putative	-0,8859	1,017E-08
TcCLB.508809.30	ABC transporter family-like protein	-0,8865	2,992E-17
TcCLB.511873.41	hypothetical protein, conserved (pseudogene)	-0,8866	0,01362
TcCLB.511859.60	subtilisin peptidase	-0,8868	2,13E-13
TcCLB.506693.10	hypothetical protein	-0,8873	1,355E-10
TcCLB.506739.110	hypothetical protein	-0,8877	2,755E-12
TcCLB.510625.225	hypothetical protein, conserved (pseudogene)	-0,8878	0,00524
TcCLB.421621.11	hypothetical protein, conserved (pseudogene)	-0,888	0,102
TcCLB.510823.109	hypothetical protein, conserved	-0,8881	4,647E-08
TcCLB.508243.81	syntaxin binding protein (pseudogene), putative	-0,8881	0,004218
TcCLB.510807.50	mucin-associated surface protein (MASP), putative	-0,8883	0,03325
TcCLB.510293.70	ribonuclease H, putative	-0,8886	4,929E-08
TcCLB.510751.40	Importin 1 (fragment) (IMP1)	-0,8891	1,351E-23
TcCLB.507379.9	dispersed gene family protein 1 (DGF-1), putative (fragme	-0,8909	0,000239
TcCLB.508851.31	N-acetyltransferase complex ARD1 subunit (pseudogene),	-0,8913	0,0008645
TcCLB.511055.50	protein kinase, putative	-0,8914	0,0006311
TcCLB.507241.20	hypothetical protein, conserved	-0,8919	2,558E-19
TcCLB.509085.31	trans-sialidase (pseudogene), putative	-0,892	0,0006963
TcCLB.507245.40	dispersed gene family protein 1 (DGF-1), putative	-0,8926	2,418E-08
TcCLB.508147.45	hypothetical protein, conserved (pseudogene)	-0,8935	0,003378
TcCLB.510021.190	hypothetical protein	-0,8939	0,2387
TcCLB.510257.10	hypothetical protein, conserved	-0,8947	2,008E-34
TcCLB.511711.30	eRF1 methyltransferase catalytic subunit, putative	-0,8948	6,823E-11
TcCLB.510749.4	ubiquitin-protein ligase, putative	-0,8948	0,1088
TcCLB.507771.85	hypothetical protein	-0,8949	4,499E-07
TcCLB.511079.80	mucin TcMUCII, putative	-0,8957	0,1874
TcCLB.504153.90	Cytoplasmic dynein 2 heavy chain (DYNC2H1), putative	-0,8961	1,235E-50
TcCLB.506733.140	hypothetical protein, conserved	-0,8964	2,271E-17
TcCLB.509085.40	retrotransposon hot spot protein (RHS, pseudogene), putat	-0,8964	0,003677
TcCLB.503887.20	hypothetical protein	-0,8974	2,044E-08
TcCLB.503847.40	hypothetical protein, conserved	-0,8975	1,034E-14
TcCLB.510443.30	hypothetical protein, conserved	-0,8989	2,058E-17
TcCLB.505037.70	trans-sialidase (pseudogene), putative	-0,8991	2,79E-08
TcCLB.510773.60	hypothetical protein	-0,8992	0,001465
TcCLB.511261.10	hypothetical protein, conserved	-0,8999	1,908E-27
TcCLB.506737.50	hypothetical protein, conserved	-0,9009	4,718E-11
TcCLB.511367.40	hypothetical protein	-0,9014	0,009038
TcCLB.505025.144	hypothetical protein, conserved	-0,9017	0,08522
TcCLB.508153.640	IAG-nucleoside hydrolase, putative (IAGNH)	-0,9024	8,626E-29
TcCLB.508215.9	protein kinase C substrate protein, heavy chain, putative	-0,9025	7,518E-23
TcCLB.506899.10	trans-sialidase, putative	-0,9028	0,08272
TcCLB.510903.30	helicase-like protein, putative	-0,9029	1,611E-15
TcCLB.510899.10	surface protease GP63, putative	-0,9032	2,573E-16
TcCLB.507787.110	hypothetical protein, conserved	-0,9038	2,572E-08

TcCLB.510419.11	mucin-associated surface protein (MASP, pseudogene), pu	-0,9045	0,2019
TcCLB.511549.20	trans-sialidase (pseudogene), putative	-0,905	0,0002679
TcCLB.399389.10	hypothetical protein, conserved	-0,9054	1,085E-29
TcCLB.510057.30	hypothetical protein, conserved	-0,9061	6,893E-13
TcCLB.509915.35	hypothetical protein, conserved (pseudogene)	-0,9064	5,594E-06
TcCLB.511299.10	Triglyceride lipase, putative (fragment)	-0,9067	0,0005755
TcCLB.511861.100	mucin-associated surface protein (MASP, pseudogene), pu	-0,9072	1,833E-06
TcCLB.506251.100	poly(A)-specific ribonuclease PARN, putative	-0,9077	3,308E-14
TcCLB.508837.110	hypothetical protein, conserved	-0,908	8,85E-13
TcCLB.511287.64	hypothetical protein, conserved	-0,908	5,828E-08
TcCLB.511821.70	hypothetical protein, conserved	-0,9091	1,627E-12
TcCLB.506797.40	hypothetical protein, conserved	-0,9091	0,0002147
TcCLB.503913.4	nucleolar RNA binding protein (pseudogene), putative	-0,9096	6,712E-11
TcCLB.504153.310	heat shock protein, putative	-0,9099	1,729E-49
TcCLB.506619.90	ABC transporter family-like protein	-0,9117	3,954E-12
TcCLB.510933.190	mucin TcMUCII, putative	-0,9139	0,02097
TcCLB.510635.40	hypothetical protein, conserved	-0,914	2,149E-12
TcCLB.507145.84	mucin-associated surface protein (MASP, pseudogene), pu	-0,914	0,00003725
TcCLB.508873.170	retrotransposon hot spot protein (RHS, pseudogene), putat	-0,914	0,005816
TcCLB.511311.70	hypothetical protein, conserved	-0,9144	4,405E-22
TcCLB.506213.110	hypothetical protein	-0,9147	1,018E-23
TcCLB.511635.30	ARP2/3 complex 16kDa subunit, putative	-0,9154	3,83E-09
TcCLB.508727.60	hypothetical protein, conserved	-0,9157	5,662E-15
TcCLB.459389.10	hypothetical protein, conserved (fragment)	-0,9162	7,443E-11
TcCLB.504005.3	RNA helicase, putative	-0,9163	2,499E-15
TcCLB.510307.245	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	-0,9169	0,02213
TcCLB.511255.660	mucin TcMUCII, putative	-0,9176	0,01523
TcCLB.506229.40	leucine-rich repeat protein, putative	-0,9179	0,0001065
TcCLB.508835.30	trans-sialidase (pseudogene), putative	-0,9182	2,549E-07
TcCLB.506499.200	hypothetical protein	-0,9182	0,01189
TcCLB.506223.120	phosphatidylinositol 3-related kinase, putative	-0,92	5,311E-31
TcCLB.508873.210	mucin-associated surface protein (MASP), putative	-0,9204	0,005909
TcCLB.509099.100	hypothetical protein, conserved	-0,9207	2,132E-11
TcCLB.510329.130	UDP-glucose:glycoprotein glucosyltransferase (tcgt1)	-0,9217	2,383E-20
TcCLB.509011.80	surface protease GP63, putative	-0,9225	8,351E-07
TcCLB.508855.10	trans-sialidase, putative	-0,9228	1,227E-08
TcCLB.503893.100	hypothetical protein, conserved	-0,9229	0,00001947
TcCLB.506457.80	hypothetical protein, conserved	-0,9241	2,596E-15
TcCLB.511451.110	hypothetical protein, conserved (pseudogene)	-0,9252	0,01769
TcCLB.506599.390	mucin-associated surface protein (MASP), putative	-0,9265	0,01831
TcCLB.504787.30	mucin-associated surface protein (MASP), putative	-0,9269	0,06465
TcCLB.506925.310	hypothetical protein, conserved	-0,9271	2,489E-53
TcCLB.507077.60	surface protease GP63, putative	-0,9275	2,018E-10
TcCLB.421621.50	mucin-associated surface protein (MASP), putative	-0,9276	0,07688
TcCLB.508707.200	nucleoside diphosphate kinase (NDPK1)	-0,9289	2,762E-25

TcCLB.504081.26	hypothetical protein	-0,9296	0,0001582
TcCLB.510297.80	DNA repair and transcription factor protein, putative	-0,9298	7,393E-13
TcCLB.511717.40	hypothetical protein, conserved	-0,9301	2,314E-08
TcCLB.507359.30	hypothetical protein, conserved (pseudogene)	-0,9319	0,101
TcCLB.505387.9	dispersed gene family protein 1 (DGF-1), putative (fragme	-0,933	2,036E-09
TcCLB.511239.110	hypothetical protein, conserved	-0,9335	2,434E-22
TcCLB.511127.230	hypothetical protein, conserved	-0,9338	4,887E-11
TcCLB.510021.109	mucin-associated surface protein (MASP, pseudogene), pu	-0,9341	0,0001773
TcCLB.506901.85	mucin-associated surface protein (MASP, pseudogene), pu	-0,9341	0,07144
TcCLB.508355.360	hypothetical protein, conserved	-0,9342	4,622E-08
TcCLB.506095.9	dispersed gene family protein 1 (DGF-1), putative (fragme	-0,9346	2,614E-10
TcCLB.506625.110	DNA topoisomerase type IB small subunit, putative	-0,9347	2,324E-13
TcCLB.511277.39	hypothetical protein, conserved	-0,9348	0,00004272
TcCLB.505949.110	hypothetical protein, conserved (pseudogene)	-0,9352	0,03861
TcCLB.504245.9	hypothetical protein, conserved	-0,9354	6,581E-14
TcCLB.506349.10	protein kinase, putative	-0,9357	0,02168
TcCLB.510953.10	surface protease GP63 (pseudogene), putative	-0,936	0,0006846
TcCLB.507677.50	hypothetical protein, conserved	-0,9362	5,696E-13
TcCLB.508723.80	disgorgin, putative	-0,9362	9,848E-12
TcCLB.507143.60	hypothetical protein	-0,9367	0,1025
TcCLB.480997.10	hypothetical protein, conserved	-0,937	0,104
TcCLB.511479.48	hypothetical protein, conserved (fragment)	-0,9372	0,0004292
TcCLB.511417.70	histone-lysine N-methyltransferase, putative (DOT1B)	-0,9378	4,696E-22
TcCLB.505101.50	GMP synthetase (pseudogene), putative	-0,9379	6,249E-06
TcCLB.510779.20	hypothetical protein (fragment)	-0,9382	5,692E-06
TcCLB.506733.20	AMP deaminase, putative	-0,9389	4,466E-28
TcCLB.504011.30	surface protease GP63 (pseudogene), putative	-0,9397	0,01009
TcCLB.511859.10	AMP deaminase, putative	-0,9398	0,00002133
TcCLB.506343.41	trans-sialidase (pseudogene), putative	-0,9403	0,0007081
TcCLB.510329.340	hypothetical protein, conserved	-0,9408	2,332E-14
TcCLB.508877.10	trans-sialidase (pseudogene), putative	-0,9408	0,0005693
TcCLB.511277.470	hypothetical protein, conserved	-0,9413	3,222E-07
TcCLB.506739.130	protein phosphatase 1 catalitic subunit, putative	-0,9423	1,204E-18
TcCLB.508369.20	squalene synthase, putative	-0,9429	5,589E-47
TcCLB.426761.10	retrotransposon hot spot protein (RHS, pseudogene), putat	-0,9433	0,0507
TcCLB.506445.90	magnesium and cobalt transport protein, putative	-0,9442	9,28E-16
TcCLB.509671.90	COP-coated vesicle membrane protein gp25L precursor, pu	-0,9449	6,033E-16
TcCLB.508879.4	protein kinase C substrate protein, heavy chain, putative	-0,9451	2,05E-12
TcCLB.510657.170	cytochrome P450 reductase, putative	-0,9455	5,013E-11
TcCLB.504797.80	endo-beta-N-acetylglucosaminidase, putative	-0,9458	9,002E-27
TcCLB.506229.70	ATP-dependent DEAD/H RNA helicase, putative	-0,9458	2,809E-11
TcCLB.509565.9	hypothetical protein (fragment)	-0,9465	5,878E-34
TcCLB.506739.120	hypothetical protein, conserved	-0,9466	4,989E-17
TcCLB.510903.60	prenyltransferase, putative	-0,9466	3,7E-13
TcCLB.508523.35	hypothetical protein, conserved (pseudogene)	-0,9472	1,116E-13

TcCLB.510255.29	hypothetical protein, conserved (fragment)	-0,9473	1,334E-09
TcCLB.510047.80	trans-sialidase, Group V, putative	-0,9475	0,0005483
TcCLB.503467.9	NADH-dependent fumarate reductase, putative (fragment)	-0,948	2,225E-08
TcCLB.511719.10	phosphatidylinositol 3-related kinase, putative	-0,9487	6,422E-30
TcCLB.506319.70	hypothetical protein	-0,9495	0,02713
TcCLB.507053.200	hypothetical protein, conserved	-0,9498	2,551E-16
TcCLB.510825.30	phospholipase B-like, putative (p67)	-0,9512	2,028E-41
TcCLB.511271.10	dispersed gene family protein 1 (DGF-1, pseudogene), puta	-0,9516	6,451E-06
TcCLB.509599.20	hypothetical protein, conserved (fragment)	-0,952	3,336E-15
TcCLB.510681.9	surface protease GP63, putative	-0,9526	0,007438
TcCLB.506155.130	hypothetical protein, conserved	-0,9533	0,0004146
TcCLB.511183.505	trans-sialidase (pseudogene), putative	-0,9534	0,005813
TcCLB.503579.110	pseudouridylate synthase I, putative	-0,9538	3,312E-12
TcCLB.509451.24	hypothetical protein, conserved (fragment)	-0,954	4,303E-18
TcCLB.511183.300	trans-sialidase (pseudogene), putative	-0,954	0,03514
TcCLB.506959.20	hypothetical protein, conserved	-0,9553	2,421E-32
TcCLB.510441.10	hypothetical protein	-0,9556	0,0001683
TcCLB.510439.40	hypothetical protein	-0,956	1,866E-10
TcCLB.507257.80	diacylglycerol kinase-like protein, putative	-0,9569	2,085E-08
TcCLB.510747.60	cytochrome P450 reductase, putative	-0,9574	9,951E-15
TcCLB.508121.15	hypothetical protein, conserved (pseudogene)	-0,9586	4,452E-07
TcCLB.503755.30	DNA polymerase kappa, putative	-0,9609	0,00001591
TcCLB.509875.60	hypothetical protein	-0,963	0,01353
TcCLB.509011.100	myosin heavy chain kinase A, putative	-0,9632	6,509E-17
TcCLB.511727.190	hypothetical protein, conserved	-0,9639	9,939E-29
TcCLB.507601.40	Nudix hydrolase 2, putative (Nudix2)	-0,9641	4,163E-13
TcCLB.508889.4	5-oxoprolinase, putative	-0,9657	0,0001565
TcCLB.509485.30	hypothetical protein, conserved (pseudogene)	-0,9672	0,02148
TcCLB.504277.30	hypothetical protein	-0,9693	0,00006138
TcCLB.508365.240	mucin TcMUCII, putative	-0,9697	0,09306
TcCLB.508153.690	hypothetical protein	-0,9705	0,08462
TcCLB.510017.15	surface protease GP63 (pseudogene), putative	-0,9731	0,02573
TcCLB.507531.19	phosphatidylinositol 4-kinase alpha, putative	-0,9732	3,29E-21
TcCLB.507681.30	hypothetical protein, conserved	-0,9736	2,2E-28
TcCLB.508357.100	hypothetical protein, conserved	-0,974	2,861E-34
TcCLB.503431.109	nucleoporin interacting component (NUP93), putative	-0,9745	0,00004765
TcCLB.511605.20	mucin-associated surface protein (MASP), putative	-0,9748	0,0019
TcCLB.511511.5	hypothetical protein	-0,9748	0,001984
TcCLB.511631.9	hypothetical protein, conserved (fragment)	-0,9753	8,899E-08
TcCLB.447847.10	trans-sialidase (pseudogene), putative	-0,976	0,03237
TcCLB.506247.230	prolyl endopeptidase (POP)	-0,9762	2,06E-30
TcCLB.503641.19	peroxin 12, putative (PEX12)	-0,9765	1,049E-07
TcCLB.510201.45	hypothetical protein, conserved (pseudogene)	-0,9784	6,337E-07
TcCLB.511127.60	kinesin, putative	-0,9794	3,265E-25
TcCLB.510329.290	diacylglycerol kinase-like protein, putative	-0,9797	7,751E-08



TcCLB.506071.9	dispersed gene family protein 1 (DGF-1), putative (fragme	-0,9799	0,0003338
TcCLB.503895.19	hypothetical protein	-0,9801	1,461E-32
TcCLB.506591.4	heat shock protein 90, putative (LPG3)	-0,9812	4,848E-22
TcCLB.508221.590	trans-sialidase, Group V, putative	-0,9813	0,007563
TcCLB.510399.10	dispersed gene family protein 1 (DGF-1), putative	-0,9815	0,05114
TcCLB.511211.49	hypothetical protein, conserved	-0,9817	2,169E-16
TcCLB.510359.520	mucin-associated surface protein (MASP), putative	-0,9819	0,4451
TcCLB.508149.60	trans-sialidase (pseudogene), putative	-0,9834	0,001041
TcCLB.511735.70	hypothetical protein, conserved	-0,9838	5,591E-16
TcCLB.510191.40	trans-sialidase (pseudogene), putative	-0,9845	0,0253
TcCLB.506585.60	hypothetical protein, conserved	-0,9853	8,921E-15
TcCLB.511623.20	hypothetical protein, conserved	-0,9858	7,385E-11
TcCLB.508355.431	chaperonin containing t-complex protein, putative (fragme	-0,9865	0,008682
TcCLB.509053.70	p22 protein precursor, putative	-0,9878	5,706E-18
TcCLB.508357.40	cysteine peptidase, Clan CA, family C19, putative	-0,988	2,886E-11
TcCLB.511837.100	amino acid permease-like protein, putative	-0,9898	8,444E-19
TcCLB.506251.130	ubiquitin-protein ligase (pseudogene), putative	-0,9902	1,587E-22
TcCLB.506725.20	hypothetical protein, conserved	-0,9906	2,278E-46
TcCLB.507533.10	phosphatidylinositol 4-kinase alpha, putative	-0,9909	2,107E-21
TcCLB.504021.100	hypothetical protein, conserved	-0,9909	1,123E-17
TcCLB.479481.5	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	-0,9911	0,02106
TcCLB.506511.70	hypothetical protein, conserved	-0,992	2,3E-18
TcCLB.506871.60	hypothetical protein, conserved (pseudogene)	-0,9926	9,485E-16
TcCLB.507143.40	hypothetical protein, conserved	-0,994	1,772E-34
TcCLB.506301.11	heat shock protein, putative (fragment)	-0,9944	6,05E-30
TcCLB.508323.190	serine/threonine protein phosphatase, putative	-0,9944	1,078E-12
TcCLB.506559.380	centrin, putative	-0,9955	2,454E-18
TcCLB.506177.50	hypothetical protein, conserved	-0,9956	8,8E-38
TcCLB.511483.50	hypothetical protein, conserved	-0,9981	2,099E-08
TcCLB.507895.150	hypothetical protein, conserved	-0,9982	8,184E-12
TcCLB.509073.70	phosphatidate cytidyltransferase-like protein, putative	-0,9988	1,73E-16
TcCLB.510187.394	hypothetical protein, conserved	-0,9993	2,097E-16
TcCLB.508209.120	10 kDa heat shock protein, putative	-0,9999	0,001003
TcCLB.510743.20	hypothetical protein, conserved	-1	9,289E-11
TcCLB.506965.170	trans-sialidase, Group V, putative	-1	0,0003021
TcCLB.509563.60	hypothetical protein	-1,001	1,169E-07
TcCLB.511621.170	hypothetical protein, conserved	-1,001	1,589E-07
TcCLB.510475.51	mucin-associated surface protein (MASP, pseudogene), pu	-1,001	0,04518
TcCLB.508873.50	hypothetical protein	-1,003	0,06031
TcCLB.506229.64	hypothetical protein, conserved	-1,004	6,297E-09
TcCLB.508481.30	trans-sialidase (pseudogene), putative	-1,004	0,013
TcCLB.503875.30	mucin-associated surface protein (MASP), putative	-1,005	9,801E-07
TcCLB.508737.150	mitochondrial carrier protein, putative	-1,007	1,332E-33
TcCLB.506755.90	hypothetical protein, conserved	-1,007	1,396E-11
TcCLB.510275.150	hypothetical protein, conserved (pseudogene)	-1,007	0,0002391

TcCLB.509943.30	ribosomal protein S6, putative	-1,008	2,444E-14
TcCLB.509567.40	nuclear transport factor 2, putative	-1,009	1,26E-16
TcCLB.511079.100	mucin-associated surface protein (MASP), putative (fragm	-1,009	0,2089
TcCLB.510187.480	phosphomannomutase, putative	-1,01	4,954E-25
TcCLB.507711.110	procyclic form surface phosphoprotein, putative	-1,01	2,556E-13
TcCLB.506499.60	hypothetical protein	-1,01	0,08526
TcCLB.506839.70	NADH dehydrogenase, putative	-1,013	5,927E-36
TcCLB.507747.10	surface protease GP63, putative	-1,013	0,00002254
TcCLB.507447.19	microtubule-associated protein, putative (fragment)	-1,014	0,0211
TcCLB.511627.110	heat shock protein DNAJ, putative	-1,015	2,526E-62
TcCLB.510013.13	syntaxin binding protein (pseudogene), putative	-1,016	0,01355
TcCLB.510667.10	hypothetical protein, conserved	-1,017	7,307E-13
TcCLB.503811.10	heat shock protein 90, putative (LPG3)	-1,018	1,854E-28
TcCLB.507895.100	hypothetical protein, conserved (pseudogene)	-1,018	6,111E-15
TcCLB.508181.40	choline/ethanolamine phosphotransferase, putative	-1,019	2,072E-20
TcCLB.447801.10	hypothetical protein, conserved (fragment)	-1,019	2,262E-09
TcCLB.508291.71	hypothetical protein	-1,02	4,327E-06
TcCLB.507607.10	surface protease GP63 (pseudogene), putative	-1,021	0,07639
TcCLB.508111.40	hypothetical protein, conserved	-1,023	2,705E-31
TcCLB.506477.60	protein kinase, putative	-1,023	8,2E-24
TcCLB.506763.330	mucin-associated surface protein (MASP), putative	-1,024	0,004454
TcCLB.510461.25	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	-1,024	0,04106
TcCLB.506053.35	hypothetical protein, conserved (pseudogene)	-1,025	1,473E-13
TcCLB.506457.90	hypothetical protein	-1,025	2,383E-12
TcCLB.509369.20	retrotransposon hot spot protein (RHS, pseudogene), putat	-1,025	0,009141
TcCLB.509097.36	surface protease GP63 (pseudogene), putative	-1,025	0,1236
TcCLB.511415.21	trans-sialidase (pseudogene), putative	-1,026	0,00002515
TcCLB.463269.10	eukaryotic translation initiation factor 1A, putative (fragme	-1,026	0,0005031
TcCLB.510013.40	mucin-associated surface protein (MASP), putative	-1,026	0,007258
TcCLB.509437.30	hypothetical protein, conserved	-1,027	5,96E-42
TcCLB.506671.61	hypothetical protein, conserved (pseudogene)	-1,027	2,464E-06
TcCLB.508145.30	RNA-binding protein, putative	-1,028	0,001886
TcCLB.508169.30	hypothetical protein, conserved	-1,029	5,469E-14
TcCLB.510877.80	phospholipid-transporting ATPase-like protein, putative	-1,03	8,348E-37
TcCLB.508327.10	mucin-associated surface protein (MASP), putative	-1,03	0,07476
TcCLB.503463.20	hypothetical protein, conserved	-1,031	1,962E-19
TcCLB.509233.220	hypothetical protein, conserved	-1,033	4,911E-28
TcCLB.505481.10	hypothetical protein	-1,033	0,0002648
TcCLB.510359.40	hypothetical protein, conserved	-1,034	7,505E-06
TcCLB.511179.60	hypothetical protein, conserved	-1,034	0,004289
TcCLB.510547.46	hypothetical protein, conserved (pseudogene)	-1,035	0,0538
TcCLB.510769.80	ankyrin repeat protein, putative	-1,036	6,86E-31
TcCLB.511491.170	quiescin sulphydryl oxidase, putative (QSOX)	-1,036	3,265E-25
TcCLB.510105.120	protein kinase, putative	-1,036	1,502E-16
TcCLB.509505.10	protein disulfide isomerase, putative	-1,037	2,238E-18

TcCLB.507237.260	mucin TcMUCII, putative	-1,038	0,04958
TcCLB.506501.150	surface protease GP63 (pseudogene), putative	-1,039	0,06015
TcCLB.511529.170	enoyl-CoA hydratase/isomerase family protein, putative	-1,04	2,009E-08
TcCLB.506739.90	ATP-dependent RNA helicase, putative	-1,041	6,856E-37
TcCLB.508173.129	hypothetical protein, conserved	-1,042	3,427E-25
TcCLB.506713.30	ATP-dependent DEAD/H RNA helicase, putative	-1,042	9,89E-25
TcCLB.506747.10	orotidine-5-phosphate decarboxylase/orotate phosphoribo:	-1,044	1,663E-07
TcCLB.510607.51	retrotransposon hot spot protein (RHS, pseudogene), putat	-1,044	0,004317
TcCLB.508655.10	DNA-directed RNA polymerase II subunit 2 (pseudogene), p	-1,044	0,01333
TcCLB.509605.20	hypothetical protein, conserved	-1,045	1,733E-29
TcCLB.507021.60	p1/s1 nuclease, putative	-1,046	7,101E-23
TcCLB.410275.18	trans-sialidase (pseudogene), putative	-1,046	0,05437
TcCLB.508757.10	trans-sialidase (pseudogene), putative	-1,046	0,1765
TcCLB.506459.130	mucin-associated surface protein (MASP), putative	-1,047	0,005114
TcCLB.510187.404	dolichyl-P-Man:GDP-Man5GlcNAc2-PP-dolichyl alpha-1,3-n	-1,048	3,863E-19
TcCLB.398009.20	trans-sialidase (pseudogene), putative	-1,048	3,023E-14
TcCLB.506857.120	hypothetical protein, conserved	-1,048	0,03084
TcCLB.511219.10	dispersed gene family protein 1 (DGF-1), putative	-1,049	0,02203
TcCLB.507801.130	heat shock protein DnaJ (pseudogene), putative	-1,05	4,756E-49
TcCLB.510197.5	hypothetical protein, conserved (pseudogene)	-1,05	0,00001392
TcCLB.506133.30	surface protease GP63 (pseudogene), putative	-1,05	0,03314
TcCLB.510061.60	dispersed gene family protein 1 (DGF-1), putative	-1,05	0,0688
TcCLB.507467.70	diacylglycerol acyltransferase, putative	-1,051	1,073E-26
TcCLB.511413.11	hypothetical protein, conserved (pseudogene)	-1,051	1,897E-14
TcCLB.509097.10	hypothetical protein	-1,053	0,06702
TcCLB.506503.80	kinesin, putative	-1,054	3,76E-28
TcCLB.510339.54	hypothetical protein, conserved	-1,054	9,065E-27
TcCLB.508221.381	mucin-associated surface protein (MASP, pseudogene), pu	-1,055	0,07379
TcCLB.443899.10	trans-sialidase, putative (fragment)	-1,055	0,1902
TcCLB.508961.70	hypothetical protein, conserved	-1,056	2,236E-19
TcCLB.511753.20	class I nuclease-like protein, putative	-1,056	9,015E-15
TcCLB.509085.136	trans-sialidase (pseudogene), putative	-1,056	0,005621
TcCLB.511577.104	hypothetical protein, conserved	-1,057	3,834E-09
TcCLB.509007.40	hypothetical protein, conserved	-1,057	0,125
TcCLB.511439.70	hypothetical protein, conserved	-1,058	3,336E-22
TcCLB.510721.21	hypothetical protein	-1,058	0,004886
TcCLB.511063.61	hypothetical protein, conserved (pseudogene)	-1,058	0,007544
TcCLB.510701.31	hypothetical protein	-1,058	0,05567
TcCLB.506989.190	heat shock protein 90, putative (LPG3)	-1,059	4,578E-44
TcCLB.506241.124	ankyrin repeat protein, putative	-1,059	3,071E-37
TcCLB.510251.10	amino acid permease-like protein, putative	-1,06	3,379E-26
TcCLB.509647.170	hypothetical protein, conserved	-1,061	7,956E-32
TcCLB.510701.50	mucin TcMUC (pseudogene), putative	-1,061	0,005677
TcCLB.510497.170	trans-sialidase (pseudogene), putative	-1,061	0,03804
TcCLB.511375.10	hypothetical protein (pseudogene)	-1,061	0,1031

TcCLB.511301.70	FK506-binding protein (FKBP)-type peptidyl-prolyl isomera:	-1,062	1,532E-33
TcCLB.510329.20	hypothetical protein, conserved	-1,062	1,091E-16
TcCLB.504197.10	hypothetical protein	-1,063	0,03289
TcCLB.510487.30	hypothetical protein, conserved (pseudogene)	-1,065	2,605E-09
TcCLB.510971.10	dispersed gene family protein 1 (DGF-1), putative	-1,065	1,334E-07
TcCLB.509527.120	trans-sialidase, Group V, putative	-1,065	0,00004373
TcCLB.506509.10	hypothetical protein, conserved	-1,067	4,553E-16
TcCLB.510773.30	hypothetical protein	-1,068	0,001233
TcCLB.510211.10	trans-sialidase (pseudogene), putative	-1,068	0,1004
TcCLB.508719.30	hypothetical protein, conserved	-1,07	2,068E-42
TcCLB.504089.70	hypothetical protein, conserved	-1,071	3,713E-15
TcCLB.507831.60	heat shock protein 110, putative	-1,072	3,529E-50
TcCLB.511875.123	hypothetical protein, conserved (pseudogene)	-1,072	0,02909
TcCLB.508209.140	protein disulfide isomerase, putative	-1,073	2,359E-50
TcCLB.506469.130	SNARE domain-containing protein, putative	-1,073	2,373E-14
TcCLB.511025.60	hypothetical protein	-1,075	1,237E-12
TcCLB.506211.240	hypothetical protein, conserved	-1,078	2,111E-33
TcCLB.507979.4	histone H2A, putative	-1,079	3,091E-07
TcCLB.509657.11	hypothetical protein, conserved (pseudogene)	-1,079	7,684E-06
TcCLB.503799.4	protein kinase, putative (fragment)	-1,082	8,57E-11
TcCLB.509753.10	hypothetical protein, conserved (pseudogene)	-1,082	0,003703
TcCLB.506567.80	hypothetical protein	-1,084	1,218E-16
TcCLB.508913.39	O-sialoglycoprotein endopeptidase, putative	-1,084	6,772E-09
TcCLB.508221.400	trans-sialidase, Group V, putative	-1,084	0,002948
TcCLB.506605.120	hypothetical protein, conserved	-1,085	4,798E-30
TcCLB.506679.280	endonuclease/exonuclease/phosphatase, putative	-1,087	3,171E-15
TcCLB.509525.340	hypothetical protein	-1,087	0,01712
TcCLB.510501.40	trans-sialidase, putative	-1,088	0,02268
TcCLB.506885.400	40 kDa cyclophilin, putative (CYP40)	-1,089	2,299E-25
TcCLB.508221.130	mucin TcMUCII (pseudogene), putative	-1,089	0,005966
TcCLB.509075.50	trans-sialidase, Group II, putative	-1,09	2,825E-07
TcCLB.508153.180	aspartyl aminopeptidase, putative	-1,091	4,57E-41
TcCLB.511751.140	hypothetical protein	-1,092	2,619E-13
TcCLB.503479.40	hypothetical protein, conserved	-1,093	9,878E-37
TcCLB.506191.39	dispersed gene family protein 1 (DGF-1), putative	-1,094	1,282E-11
TcCLB.430281.20	hypothetical protein (fragment)	-1,095	0,00914
TcCLB.508209.144	hypothetical protein, conserved	-1,096	1,382E-14
TcCLB.511183.600	mucin-associated surface protein (MASP, pseudogene), pu	-1,096	5,907E-07
TcCLB.509663.10	myosin heavy chain, putative	-1,097	4,892E-31
TcCLB.510031.70	heat shock protein Hsp20, putative	-1,097	5,285E-14
TcCLB.503417.20	hypothetical protein	-1,097	0,00468
TcCLB.511185.150	hypothetical protein, conserved (pseudogene)	-1,099	1,037E-14
TcCLB.504155.250	trans-sialidase (pseudogene), putative	-1,099	0,007279
TcCLB.506855.190	hypothetical protein, conserved	-1,103	1,561E-29
TcCLB.506257.5	aminopeptidase, putative (fragment)	-1,103	2,17E-10

TcCLB.508865.2	hypothetical protein, conserved (fragment)	-1,105	0,004991
TcCLB.508099.50	trans-sialidase, putative	-1,105	0,1659
TcCLB.506793.40	UDP-glucuronic acid/UDP-N-acetylgalactosamine transpor	-1,106	3,166E-18
TcCLB.506111.20	dispersed gene family protein 1 (DGF-1), putative	-1,106	5,822E-13
TcCLB.511367.330	hypothetical protein, conserved	-1,106	2,801E-12
TcCLB.507163.75	hypothetical protein	-1,107	0,0244
TcCLB.511233.170	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	-1,108	0,02213
TcCLB.509213.40	hypothetical protein, conserved	-1,109	3,728E-46
TcCLB.507765.20	PUF nine target 1	-1,109	2,121E-40
TcCLB.510021.100	mucin TcMUCII, putative	-1,109	0,001516
TcCLB.503531.10	hypothetical protein, conserved	-1,111	0,0003254
TcCLB.506229.10	Mitogen-activated protein kinase 10, putative (MPK10)	-1,111	1,471E-12
TcCLB.508933.50	hypothetical protein, conserved	-1,112	1,761E-18
TcCLB.507633.80	trans-sialidase, Group V, putative	-1,112	0,0001895
TcCLB.506719.10	phosphatidylinositol (3,5) kinase, putative	-1,114	4,766E-19
TcCLB.508189.31	hypothetical protein, conserved (pseudogene)	-1,114	0,0003047
TcCLB.510419.20	trans-sialidase, Group VI, putative	-1,115	0,0005092
TcCLB.510363.250	trans-sialidase, Group V, putative	-1,115	0,002372
TcCLB.510479.40	trans-sialidase, putative (fragment)	-1,117	0,006046
TcCLB.508101.9	trans-sialidase, putative (fragment)	-1,119	0,003491
TcCLB.503989.20	hypothetical protein, conserved	-1,112	5,356E-19
TcCLB.504241.34	dispersed gene family protein 1 (DGF-1), putative (fragme	-1,121	1,688E-07
TcCLB.509233.120	hypothetical protein, conserved	-1,122	6,567E-50
TcCLB.510735.60	hypothetical protein, conserved	-1,122	4,164E-13
TcCLB.507641.260	chaperonin HSP60, mitochondrial precursor (pseudogene)	-1,123	5,885E-19
TcCLB.511203.29	surface protease GP63, putative (fragment)	-1,123	2,51E-08
TcCLB.506859.4	N-acetyltransferase, putative (fragment)	-1,123	0,00001337
TcCLB.509469.10	dispersed gene family protein 1 (DGF-1, pseudogene), puta	-1,123	0,00002269
TcCLB.457113.10	trans-sialidase, putative (fragment)	-1,123	0,244
TcCLB.503867.5	hypothetical protein, conserved	-1,125	0,00001508
TcCLB.510365.10	trans-sialidase (pseudogene), putative	-1,125	0,01211
TcCLB.508245.21	surface protease GP63 (pseudogene), putative	-1,125	0,05581
TcCLB.506953.45	ascorbate-dependent peroxidase (pseudogene), putative	-1,126	4,018E-09
TcCLB.503733.50	hypothetical protein, conserved (pseudogene)	-1,127	6,875E-15
TcCLB.510817.60	hypothetical protein, conserved	-1,128	2,94E-47
TcCLB.511237.130	trans-sialidase, putative (fragment)	-1,128	6,482E-07
TcCLB.508251.21	hypothetical protein, conserved (pseudogene)	-1,113	9,161E-06
TcCLB.503533.40	mucin-associated surface protein (MASP), putative	-1,113	0,01287
TcCLB.511385.40	hypothetical protein	-1,131	1,074E-07
TcCLB.506483.10	Triglyceride lipase, putative	-1,132	3,958E-15
TcCLB.507641.60	aldehyde dehydrogenase, putative	-1,133	1,404E-36
TcCLB.503849.80	NADH-dependent fumarate reductase, putative	-1,137	1,544E-10
TcCLB.504533.10	dispersed gene family protein 1 (DGF-1), putative	-1,138	3,705E-09
TcCLB.506459.200	hypothetical protein	-1,139	0,01011
TcCLB.504147.280	trypanothione synthetase-like protein, putative	-1,114	1,448E-41

TcCLB.507057.60	hypothetical protein, conserved	-1,14	5,548E-13
TcCLB.439653.10	NADH-dependent fumarate reductase, putative	-1,14	0,00001422
TcCLB.510531.109	dynein heavy chain, cytosolic, putative (fragment)	-1,143	3,053E-13
TcCLB.510279.263	trans-sialidase (pseudogene), putative	-1,143	0,0003173
TcCLB.507957.334	mucin-associated surface protein (MASP), putative	-1,145	0,2392
TcCLB.509085.90	retrotransposon hot spot protein (RHS, pseudogene), putat	-1,148	2,96E-07
TcCLB.510819.100	mitochondrial carrier protein, putative	-1,149	3,489E-21
TcCLB.506683.10	hypothetical protein, conserved (pseudogene)	-1,15	0,0138
TcCLB.510713.11	hypothetical protein, conserved (pseudogene)	-1,153	0,00000418
TcCLB.504069.140	trans-sialidase (pseudogene), putative	-1,154	9,604E-12
TcCLB.508731.9	hypothetical protein, conserved (fragment)	-1,155	1,408E-20
TcCLB.508373.29	orotidine-5-phosphate decarboxylase/orotate phosphoribo:	-1,155	6,772E-20
TcCLB.507993.150	hypothetical protein, conserved	-1,156	3,858E-36
TcCLB.506229.30	hypothetical protein	-1,159	8,286E-23
TcCLB.506501.350	mucin-associated surface protein (MASP), putative	-1,159	0,008178
TcCLB.506251.30	hypothetical protein, conserved	-1,16	5,976E-39
TcCLB.506699.40	katanin-like protein, putative	-1,161	1,639E-15
TcCLB.507611.190	retrotransposon hot spot protein (RHS, pseudogene), putat	-1,161	0,00000103
TcCLB.510363.220	mucin-associated surface protein (MASP), putative	-1,161	0,004734
TcCLB.503875.10	mucin-associated surface protein (MASP), putative	-1,161	0,02257
TcCLB.511667.90	hypothetical protein, conserved (pseudogene)	-1,164	3,426E-12
TcCLB.498829.21	hypothetical protein	-1,166	0,01451
TcCLB.510629.120	dispersed gene family protein 1 (DGF-1, pseudogene), puta	-1,168	0,009522
TcCLB.510187.551	chaperonin HSP60, mitochondrial precursor, putative (fragr	-1,171	4,715E-24
TcCLB.511627.70	hypothetical protein, conserved	-1,172	1,508E-18
TcCLB.506263.49	hypothetical protein, conserved (fragment)	-1,173	9,529E-16
TcCLB.503809.158	Triglyceride lipase, putative (fragment)	-1,173	1,429E-06
TcCLB.506171.60	trans-sialidase, Group II, putative	-1,179	0,00006106
TcCLB.503919.60	hypothetical protein, conserved	-1,181	4,933E-21
TcCLB.507065.127	mucin-associated surface protein (MASP, pseudogene), pu	-1,181	9,163E-08
TcCLB.508221.660	mucin-associated surface protein (MASP), putative	-1,181	0,005736
TcCLB.506579.50	hypothetical protein, conserved	-1,183	1,165E-29
TcCLB.511365.90	hypothetical protein, conserved	-1,183	3,619E-24
TcCLB.399373.20	dispersed gene family protein 1 (DGF-1), putative	-1,184	2,374E-06
TcCLB.507729.20	hypothetical protein, conserved (pseudogene)	-1,185	4,442E-08
TcCLB.508265.80	hypothetical protein	-1,186	5,451E-25
TcCLB.511127.10	RNA-binding protein 5, putative	-1,187	0,1076
TcCLB.503463.10	protein kinase C substrate protein, heavy chain, putative	-1,188	3,53E-21
TcCLB.503539.30	GTP-binding nuclear protein rtb2, putative	-1,189	8,81E-62
TcCLB.506501.290	mucin-associated surface protein (MASP), putative	-1,194	0,00003675
TcCLB.505965.30	prenyltransferase, putative	-1,195	7,105E-20
TcCLB.509663.60	retrotransposon hot spot protein (RHS, pseudogene), putat	-1,195	4,165E-17
TcCLB.511487.130	trans-sialidase (pseudogene), putative	-1,196	9,283E-07
TcCLB.506239.60	hypothetical protein, conserved	-1,197	2,136E-15
TcCLB.503695.10	retrotransposon hot spot protein (RHS, pseudogene), putat	-1,198	7,494E-06

TcCLB.504929.5	zinc finger CCCH domain containing protein 11 (ZC3H11)	-1,198	0,02118
TcCLB.511575.70	kinetoplastid kinetochore protein 4, putative	-1,199	2,825E-25
TcCLB.511467.30	hypothetical protein, conserved	-1,2	1,996E-19
TcCLB.511263.9	heat shock protein 110, putative (fragment)	-1,202	3,393E-57
TcCLB.511215.90	hypothetical protein, conserved	-1,205	0,0000402
TcCLB.511723.10	surface protease GP63, putative	-1,206	7,049E-16
TcCLB.508313.140	mucin-associated surface protein (MASP), putative	-1,206	0,00995
TcCLB.508645.70	nucleoside transporter 1, putative	-1,207	5,478E-17
TcCLB.508159.26	hypothetical protein, conserved (pseudogene)	-1,209	1,595E-07
TcCLB.510629.80	trans-sialidase (pseudogene), putative	-1,211	0,01192
TcCLB.507061.49	hypothetical protein	-1,212	1,882E-21
TcCLB.422207.10	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, p	-1,212	0,121
TcCLB.507859.80	trans-sialidase (pseudogene), putative	-1,213	0,01883
TcCLB.508323.70	centrin-4, putative (Centrin4)	-1,219	6,092E-10
TcCLB.506501.220	mucin-associated surface protein (MASP), putative	-1,219	0,001746
TcCLB.508221.440	trans-sialidase (pseudogene), putative	-1,22	0,0000302
TcCLB.511277.590	hypothetical protein, conserved	-1,221	8,466E-43
TcCLB.509023.209	hypothetical protein, conserved	-1,221	6,068E-34
TcCLB.511751.160	hypothetical protein, conserved	-1,221	1,597E-15
TcCLB.508365.190	trans-sialidase, Group VI, putative	-1,223	1,741E-06
TcCLB.506835.90	hypothetical protein, conserved	-1,224	1,315E-34
TcCLB.511039.10	kinetoplast DNA-associated protein, putative	-1,224	4,706E-31
TcCLB.509505.60	hypothetical protein	-1,225	3,733E-22
TcCLB.508367.50	hypothetical protein, conserved (pseudogene)	-1,226	4,605E-07
TcCLB.510217.10	hypothetical protein	-1,229	0,06443
TcCLB.460061.20	trans-sialidase, putative (fragment)	-1,229	0,09326
TcCLB.503821.5	hypothetical protein, conserved	-1,232	9,069E-09
TcCLB.507641.280	chaperonin HSP60, mitochondrial precursor (HSP60)	-1,234	6,096E-26
TcCLB.510197.30	trans-sialidase, Group V, putative	-1,235	1,803E-07
TcCLB.510627.200	trans-sialidase (pseudogene), putative	-1,235	0,02944
TcCLB.511237.10	thimet oligopeptidase, putative	-1,236	4,975E-47
TcCLB.506739.80	mitochondrial carrier protein, putative	-1,236	2,356E-33
TcCLB.503793.20	phosphatidylinositol (3,5) kinase, putative (fragment)	-1,236	2,037E-08
TcCLB.504233.10	surface protease GP63, putative	-1,237	7,186E-10
TcCLB.506451.16	hypothetical protein, conserved (pseudogene)	-1,237	0,0002098
TcCLB.503753.20	hypothetical protein, conserved	-1,239	4,858E-20
TcCLB.509521.84	retrotransposon hot spot protein (RHS, pseudogene), putat	-1,24	7,225E-06
TcCLB.505101.30	hypothetical protein, conserved	-1,24	0,001761
TcCLB.508943.4	glycerol uptake protein, putative	-1,24	0,009053
TcCLB.509553.40	ribonuclease mar1, putative	-1,242	3,112E-16
TcCLB.506613.141	hypothetical protein, conserved (pseudogene)	-1,244	7,953E-13
TcCLB.504445.10	dispersed gene family protein 1 (DGF-1), putative	-1,244	4,535E-07
TcCLB.510413.10	hypothetical protein, conserved (pseudogene)	-1,245	1,049E-10
TcCLB.506667.90	trans-sialidase, Group V, putative	-1,246	0,0001996
TcCLB.510289.40	GPI inositol deacylase precursor, putative	-1,247	3,662E-27

TcCLB.506501.401	hypothetical protein, conserved (pseudogene)	-1,247	0,06456
TcCLB.506559.450	hypothetical protein	-1,249	4,307E-21
TcCLB.503755.60	surface protease GP63 (pseudogene), putative	-1,25	0,0003604
TcCLB.508737.20	hypothetical protein	-1,251	1,552E-16
TcCLB.507733.40	hypothetical protein, conserved (pseudogene)	-1,251	0,000104
TcCLB.509683.30	hypothetical protein, conserved	-1,252	5,514E-34
TcCLB.476911.10	trans-sialidase, putative (fragment)	-1,252	0,02696
TcCLB.508595.11	hypothetical protein	-1,253	0,03028
TcCLB.508483.13	trans-sialidase (pseudogene), putative	-1,254	0,0000664
TcCLB.510797.4	phosphatidylinositol (3,5) kinase, putative (fragment)	-1,256	1,259E-16
TcCLB.503825.10	protein kinase (pseudogene), putative	-1,256	1,504E-14
TcCLB.506965.60	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	-1,256	0,01865
TcCLB.511183.480	hypothetical protein, conserved (pseudogene)	-1,257	0,0007178
TcCLB.425969.5	hypothetical protein	-1,259	1,891E-21
TcCLB.508297.7	trans-sialidase, putative (fragment)	-1,261	5,831E-08
TcCLB.506945.40	hypothetical protein, conserved	-1,264	2,669E-33
TcCLB.506867.10	endonuclease G, putative	-1,264	7,334E-17
TcCLB.506755.50	hypothetical protein, conserved	-1,267	7,038E-24
TcCLB.506667.50	trans-sialidase (pseudogene), putative	-1,268	0,000136
TcCLB.511517.95	hypothetical protein, conserved	-1,269	8,415E-09
TcCLB.509891.70	hypothetical protein, conserved (pseudogene)	-1,27	5,215E-29
TcCLB.509791.120	kinetoplast-associated protein (KAP6)	-1,271	1,391E-34
TcCLB.510481.90	hypothetical protein, conserved	-1,275	3,701E-06
TcCLB.507237.250	mucin-associated surface protein (MASP, pseudogene), pu	-1,282	9,527E-09
TcCLB.509499.20	beta propeller protein, putative	-1,285	1,283E-35
TcCLB.508277.280	hypothetical protein	-1,287	1,391E-19
TcCLB.506211.150	polyprenyl synthase, putative	-1,293	7,265E-28
TcCLB.507011.30	hypothetical protein, conserved	-1,294	3,181E-34
TcCLB.510693.150	mucin-associated surface protein (MASP), putative	-1,296	0,1037
TcCLB.405737.4	RNA polymerase-associated protein CDC73, putative (fragr	-1,297	0,001052
TcCLB.506251.50	Cell division control protein 48, putative	-1,3	1,914E-18
TcCLB.509085.50	trans-sialidase (pseudogene), putative	-1,302	1,634E-09
TcCLB.503709.10	hypothetical protein	-1,305	0,00204
TcCLB.507105.50	hypothetical protein	-1,306	1,883E-81
TcCLB.510503.40	surface protease GP63 (pseudogene), putative	-1,306	0,001025
TcCLB.510831.10	mucin-associated surface protein (MASP, pseudogene), pu	-1,308	0,005824
TcCLB.507059.60	orotidine-5-phosphate decarboxylase/orotate phosphoribo:	-1,309	1,448E-36
TcCLB.505935.10	hypothetical protein, conserved (pseudogene)	-1,309	1,586E-07
TcCLB.508163.371	hypothetical protein, conserved (pseudogene)	-1,309	3,212E-07
TcCLB.510111.30	hypothetical protein, conserved (pseudogene)	-1,311	6,618E-21
TcCLB.510627.179	syntaxin binding protein 1 (pseudogene), putative	-1,313	0,001851
TcCLB.504427.10	trypanothione synthetase, putative	-1,315	3,241E-15
TcCLB.508461.330	hypothetical protein	-1,317	1,599E-28
TcCLB.510197.95	hypothetical protein, conserved (pseudogene)	-1,317	4,241E-11
TcCLB.509085.110	trans-sialidase (pseudogene), putative	-1,317	4,262E-09



TcCLB.509553.20	ATP-dependent chaperone, putative	-1,318	1,995E-22
TcCLB.508835.10	hypothetical protein, conserved (pseudogene)	-1,318	3,882E-15
TcCLB.508153.230	hypothetical protein, conserved	-1,321	1,266E-42
TcCLB.511561.20	dispersed gene family protein 1 (DGF-1), putative	-1,321	7,56E-17
TcCLB.506445.110	nucleobase transporter, putative	-1,325	1,964E-64
TcCLB.507081.100	hypothetical protein, conserved	-1,325	2,637E-20
TcCLB.508183.4	aspartyl aminopeptidase, putative (fragment)	-1,327	1,924E-20
TcCLB.508323.90	hypothetical protein, conserved	-1,327	2,843E-12
TcCLB.508219.50	mucin TcMUCII, putative	-1,329	0,004648
TcCLB.510647.30	tryptophanyl-tRNA synthetase, putative	-1,33	7,621E-44
TcCLB.507641.104	small GTPase, putative	-1,33	5,351E-22
TcCLB.508873.60	trans-sialidase, Group V, putative	-1,331	0,0001149
TcCLB.510279.320	trans-sialidase, Group V, putative	-1,332	2,361E-07
TcCLB.506501.270	syntaxin binding protein (pseudogene), putative	-1,334	0,01459
TcCLB.511297.30	hypothetical protein, conserved (fragment)	-1,338	1,559E-30
TcCLB.506813.170	hypothetical protein, conserved (pseudogene)	-1,338	3,746E-10
TcCLB.506929.54	hypothetical protein	-1,339	1,214E-11
TcCLB.504035.21	hypothetical protein	-1,339	0,001254
TcCLB.506459.195	hypothetical protein, conserved	-1,34	0,0000921
TcCLB.511553.45	surface protease GP63 (pseudogene), putative	-1,34	0,002845
TcCLB.506881.10	hypothetical protein, conserved (pseudogene)	-1,343	2,602E-06
TcCLB.509655.20	hypothetical protein, conserved (pseudogene)	-1,346	8,402E-09
TcCLB.508209.90	10 kDa heat shock protein, putative	-1,347	0,001687
TcCLB.509455.80	GTP-binding nuclear protein rtb2, putative	-1,35	1,824E-47
TcCLB.509899.110	orotidine-5-phosphate decarboxylase/orotate phosphoribo:	-1,351	4,021E-41
TcCLB.507089.170	hypothetical protein, conserved	-1,353	2,664E-39
TcCLB.511481.55	RNA-binding protein, putative	-1,364	2,133E-19
TcCLB.510323.110	hypothetical protein, conserved	-1,367	4,681E-12
TcCLB.509011.40	calreticulin, putative	-1,373	5,86E-117
TcCLB.510401.10	dispersed gene family protein 1 (DGF-1), putative	-1,375	0,0204
TcCLB.505999.90	phosphoglycerate kinase, putative	-1,38	2,013E-59
TcCLB.510533.80	hypothetical protein, conserved	-1,38	1,559E-22
TcCLB.503991.10	hypothetical protein, conserved	-1,38	9,186E-19
TcCLB.510493.4	hypothetical protein, conserved (fragment)	-1,382	4,006E-09
TcCLB.506133.207	mucin-associated surface protein (MASP, pseudogene), pu	-1,385	0,0001541
TcCLB.510363.196	syntaxin binding protein (pseudogene), putative	-1,387	0,005162
TcCLB.507795.60	tryptophanyl-tRNA synthetase (pseudogene), putative	-1,39	1,073E-39
TcCLB.506973.25	hypothetical protein	-1,39	1,241E-07
TcCLB.509287.140	dispersed gene family protein 1 (DGF-1), putative	-1,393	1,654E-16
TcCLB.508221.414	elongation factor 1-gamma (EF-1-gamma), putative	-1,394	0,0002341
TcCLB.508175.90	hypothetical protein	-1,395	5,451E-77
TcCLB.510629.101	hypothetical protein, conserved (pseudogene)	-1,395	0,01109
TcCLB.503471.19	expression site-associated gene (ESAG-like) protein, putati	-1,397	2,17E-18
TcCLB.511167.100	hypothetical protein, conserved	-1,404	1,793E-33
TcCLB.510489.10	hypothetical protein	-1,417	1,769E-07

TcCLB.507049.66	hypothetical protein	-1,421	6,894E-17
TcCLB.504239.150	hypothetical protein	-1,421	0,04291
TcCLB.507771.30	hypothetical protein, conserved	-1,422	3,925E-30
TcCLB.510291.14	mitochondrial carrier protein, putative	-1,422	6,099E-27
TcCLB.508149.40	hypothetical protein, conserved (pseudogene)	-1,423	1,16E-08
TcCLB.508369.40	serine/threonine-protein kinase A (pseudogene), putative	-1,432	1,804E-42
TcCLB.433673.10	trans-sialidase, putative (fragment)	-1,432	6,353E-33
TcCLB.509369.40	dispersed gene family protein 1 (DGF-1, pseudogene), putative	-1,433	1,598E-08
TcCLB.511529.59	hypothetical protein	-1,436	3,573E-26
TcCLB.509793.50	hypothetical protein, conserved	-1,437	6,26E-86
TcCLB.507859.101	hypothetical protein, conserved (pseudogene)	-1,45	0,0004901
TcCLB.510711.10	trans-sialidase (pseudogene), putative	-1,452	0,0002048
TcCLB.503631.9	hypothetical protein, conserved	-1,454	1,025E-30
TcCLB.511385.50	hypothetical protein	-1,457	1,214E-18
TcCLB.510329.70	cdc2-related kinase 10, putative (CRK10)	-1,458	2,147E-22
TcCLB.505479.10	mucin-associated surface protein (MASP, pseudogene), putative	-1,458	0,0007304
TcCLB.507055.20	hypothetical protein, conserved (fragment)	-1,459	3,77E-23
TcCLB.507641.290	chaperonin HSP60, mitochondrial precursor (HSP60)	-1,46	0,00002417
TcCLB.508395.9	dispersed gene family protein 1 (DGF-1), putative (fragment)	-1,467	9,627E-06
TcCLB.508637.19	hypothetical protein, conserved	-1,468	0,008348
TcCLB.506501.230	mucin TcMUCII, putative	-1,468	0,009001
TcCLB.504081.23	hypothetical protein, conserved	-1,47	0,008005
TcCLB.511575.120	hypothetical protein, conserved	-1,473	2,359E-50
TcCLB.511071.40	amastin, putative	-1,475	1,922E-31
TcCLB.508433.80	hypothetical protein	-1,479	0,002097
TcCLB.506765.49	hypothetical protein	-1,487	0,01375
TcCLB.510537.40	trans-sialidase (pseudogene), putative	-1,488	0,003349
TcCLB.506599.300	hypothetical protein	-1,489	0,01629
TcCLB.507041.120	variant-surface-glycoprotein phospholipase C, putative	-1,49	3,482E-30
TcCLB.508919.110	hypothetical protein, conserved	-1,492	1,908E-20
TcCLB.507863.6	hypothetical protein, conserved (pseudogene)	-1,492	0,006691
TcCLB.467465.10	surface protease GP63, putative	-1,495	0,0004864
TcCLB.503887.79	hypothetical protein, conserved	-1,496	7,442E-30
TcCLB.510625.240	cell-surface protein (cysteine-rich repeat motif) (pseudogene)	-1,502	0,001601
TcCLB.507579.30	surface protease GP63 (pseudogene), putative	-1,511	8,461E-08
TcCLB.506851.30	hypothetical protein, conserved	-1,512	8,878E-09
TcCLB.507973.20	hypothetical protein	-1,513	1,556E-08
TcCLB.511173.140	hypothetical protein	-1,513	0,008488
TcCLB.503533.30	trans-sialidase, Group V, putative	-1,515	0,002945
TcCLB.509663.5	dehydrogenase (pseudogene), putative	-1,517	3,327E-09
TcCLB.508319.10	hypothetical protein	-1,517	0,000526
TcCLB.511273.10	dispersed gene family protein 1 (DGF-1, pseudogene), putative	-1,523	0,00001222
TcCLB.511449.95	hypothetical protein, conserved (pseudogene)	-1,525	0,003563
TcCLB.509663.47	trans-sialidase (pseudogene), putative	-1,526	5,754E-09
TcCLB.509631.45	hypothetical protein, conserved (pseudogene)	-1,531	4,694E-11

TcCLB.508741.415	hypothetical protein, conserved (pseudogene)	-1,532	4,434E-25
TcCLB.511547.14	mucin-associated surface protein (MASP), putative	-1,537	0,00003807
TcCLB.504039.210	hypothetical protein	-1,543	0,02347
TcCLB.509065.70	glyceraldehyde 3-phosphate dehydrogenase, putative	-1,545	7,179E-67
TcCLB.506461.10	hypothetical protein, conserved	-1,547	0,003172
TcCLB.507949.190	trans-sialidase (pseudogene), putative	-1,549	7,268E-29
TcCLB.503973.190	mucin-associated surface protein (MASP), putative	-1,552	0,00001446
TcCLB.508307.180	hypothetical protein, conserved	-1,574	3,903E-54
TcCLB.511483.60	hypothetical protein, conserved	-1,574	3,492E-10
TcCLB.506435.370	surface protease GP63, putative	-1,577	3,458E-31
TcCLB.509607.50	protein kinase, putative	-1,582	6,763E-11
TcCLB.504037.10	hypothetical protein, conserved	-1,587	1,892E-38
TcCLB.509065.60	glyceraldehyde 3-phosphate dehydrogenase, putative	-1,588	3,824E-101
TcCLB.510071.20	hypothetical protein	-1,595	0,00043
TcCLB.503625.10	asparagine synthetase a, putative	-1,596	9,66E-44
TcCLB.503773.30	hypothetical protein, conserved	-1,596	1,054E-11
TcCLB.504689.60	dispersed gene family protein 1 (DGF-1), putative	-1,607	7,52E-14
TcCLB.507251.10	hypothetical protein, conserved	-1,609	1,703E-42
TcCLB.510627.215	hypothetical protein, conserved (pseudogene)	-1,614	0,006355
TcCLB.511537.30	hypothetical protein, conserved	-1,621	1,374E-74
TcCLB.507953.170	hypothetical protein	-1,622	0,001599
TcCLB.506859.230	hypothetical protein, conserved	-1,622	0,002011
TcCLB.507947.10	conserved protein, unknown function	-1,637	2,37E-14
TcCLB.507661.10	retrotransposon hot spot protein (RHS, pseudogene), putat	-1,638	0,0003399
TcCLB.424171.10	trans-sialidase (pseudogene), putative	-1,638	0,0004008
TcCLB.506229.20	hypothetical protein, conserved	-1,64	3,054E-13
TcCLB.509775.20	protein kinase, putative	-1,641	9,349E-76
TcCLB.510377.340	hypothetical protein	-1,643	0,003344
TcCLB.507237.280	mucin TcMUCII, putative	-1,643	0,05157
TcCLB.511211.190	hypothetical protein	-1,647	4,537E-25
TcCLB.507681.100	ATP-binding cassette protein, putative	-1,651	6,949E-42
TcCLB.508049.40	hypothetical protein, conserved	-1,655	0,0001295
TcCLB.508659.18	mitochondrial carrier protein, putative	-1,656	3,371E-37
TcCLB.511605.5	mucin-associated surface protein (MASP, pseudogene), pu	-1,67	8,683E-10
TcCLB.507895.69	hypothetical protein, conserved	-1,683	2,807E-18
TcCLB.506039.10	retrotransposon hot spot protein (RHS, pseudogene), putat	-1,683	4,4E-18
TcCLB.425855.9	hypothetical protein, conserved (fragment)	-1,683	0,00003756
TcCLB.507897.30	serine/threonine-protein kinase a, putative	-1,686	1,309E-47
TcCLB.507023.100	hypothetical protein	-1,687	4,169E-32
TcCLB.506247.330	2,3-bisphosphoglycerate-independent phosphoglycerate m	-1,689	8,85E-54
TcCLB.511461.30	hypothetical protein, conserved	-1,69	2,576E-16
TcCLB.511577.50	endo-beta-N-acetylglucosaminidase, putative	-1,697	2,77E-53
TcCLB.508747.10	hypothetical protein	-1,7	0,00308
TcCLB.507025.60	RNA-binding protein, putative	-1,704	1,132E-08
TcCLB.506943.60	glyceraldehyde 3-phosphate dehydrogenase, putative	-1,712	9,958E-25

TcCLB.508717.60	trans-sialidase, Group I, putative	-1,722	1,252E-22
TcCLB.506705.70	beta-fructofuranosidase-like protein (fragment)	-1,723	2,465E-44
TcCLB.511487.30	dispersed gene family protein 1 (DGF-1), putative	-1,723	4,46E-17
TcCLB.508355.40	choline/carnitine O-acetyltransferase, putative	-1,726	1E-31
TcCLB.508433.90	mucin-associated surface protein (MASP), putative	-1,726	0,002995
TcCLB.511565.30	mucin TcMUCII, putative	-1,729	3,001E-09
TcCLB.507859.31	hypothetical protein	-1,732	1,709E-09
TcCLB.508221.410	hypothetical protein	-1,736	2,513E-06
TcCLB.510593.10	hypothetical protein, conserved	-1,738	2,748E-18
TcCLB.510419.30	hypothetical protein	-1,74	0,00134
TcCLB.511725.80	hypothetical protein	-1,745	1,451E-78
TcCLB.506501.100	hypothetical protein	-1,748	0,002743
TcCLB.510537.68	syntaxin binding protein (pseudogene), putative	-1,749	0,00003358
TcCLB.503913.40	hypothetical protein	-1,751	2,952E-21
TcCLB.509553.10	hypothetical protein, conserved	-1,752	6,825E-21
TcCLB.509663.30	thymidylate kinase, putative	-1,754	2,719E-21
TcCLB.511863.10	mucin-associated surface protein (MASP), putative	-1,755	3,753E-12
TcCLB.508221.329	mucin-associated surface protein (MASP, pseudogene), pu	-1,758	0,003529
TcCLB.456627.10	trans-sialidase (pseudogene), putative	-1,762	0,02921
TcCLB.511183.610	hypothetical protein	-1,763	0,00001488
TcCLB.511255.320	surface protease GP63, putative	-1,766	0,004127
TcCLB.511289.80	polyprenyl synthase, putative	-1,783	2,127E-72
TcCLB.508693.100	surface protease GP63, putative	-1,783	4,52E-49
TcCLB.508231.130	Cell division control protein 48, putative	-1,788	3,996E-24
TcCLB.511099.140	mucin-associated surface protein (MASP), putative	-1,789	0,001233
TcCLB.511427.10	conserved protein, unknown function (fragment)	-1,789	0,007259
TcCLB.506943.50	glyceraldehyde 3-phosphate dehydrogenase, putative	-1,794	1,419E-68
TcCLB.510329.90	C-8 sterol isomerase, putative	-1,795	5,612E-59
TcCLB.505567.20	surface protease GP63, putative	-1,8	4,512E-06
TcCLB.511309.80	trans-sialidase (pseudogene), putative	-1,803	7,148E-39
TcCLB.507143.90	hypothetical protein	-1,81	0,0172
TcCLB.508089.30	hypothetical protein, conserved	-1,818	1,055E-83
TcCLB.511277.359	phosphatidic acid phosphatase, putative	-1,826	9,649E-61
TcCLB.511487.51	hypothetical protein	-1,829	6,218E-10
TcCLB.506067.110	mucin-associated surface protein (MASP, pseudogene), pu	-1,834	0,00001981
TcCLB.508365.80	hypothetical protein	-1,846	0,008377
TcCLB.507281.19	retrotransposon hot spot protein (RHS, pseudogene), putat	-1,848	1,481E-13
TcCLB.509697.29	hypothetical protein	-1,85	0,0001608
TcCLB.510629.210	dispersed gene family protein 1 (DGF-1), putative	-1,856	2,333E-09
TcCLB.506501.300	hypothetical protein	-1,856	0,0003789
TcCLB.510615.4	hypothetical protein, conserved	-1,857	1,953E-29
TcCLB.508743.5	hypothetical protein, conserved (pseudogene)	-1,861	1,786E-12
TcCLB.508233.50	variant-surface-glycoprotein phospholipase C, putative	-1,866	1,057E-45
TcCLB.506257.50	surface protease GP63, putative	-1,874	7,039E-21
TcCLB.508907.10	hypothetical protein, conserved	-1,883	7,93E-41

TcCLB.510629.70	mucin-associated surface protein (MASP), putative	-1,884	0,00001471
TcCLB.509907.50	hypothetical protein, conserved (pseudogene)	-1,891	0,00003311
TcCLB.508433.50	retrotransposon hot spot protein (RHS, pseudogene), putative	-1,894	1,45E-08
TcCLB.509663.50	trans-sialidase, Group VIII, putative	-1,896	2,477E-18
TcCLB.437805.9	trans-sialidase (pseudogene), putative	-1,896	0,0004935
TcCLB.507305.40	zinc finger CCCH domain containing protein 11 (ZC3H11)	-1,904	0,0005112
TcCLB.504005.6	RNA-binding protein, putative	-1,905	9,9E-39
TcCLB.507623.140	endonuclease G, putative	-1,911	7,088E-44
TcCLB.507467.40	choline/carnitine O-acetyltransferase (pseudogene), putative	-1,912	7,605E-32
TcCLB.503773.40	hypothetical protein, conserved	-1,913	8,736E-28
TcCLB.508209.94	hypothetical protein	-1,919	4,207E-37
TcCLB.507099.80	ABC transporter, putative	-1,939	1,064E-136
TcCLB.508857.40	UDP-glucuronosyl and UDP-glucosyl transferase, putative	-1,944	2,284E-51
TcCLB.507237.356	syntaxin binding protein (pseudogene), putative	-1,946	0,0000414
TcCLB.511547.20	trans-sialidase, Group IV, putative	-1,95	0,00003091
TcCLB.510709.60	mucin-associated surface protein (MASP), putative	-1,95	0,000981
TcCLB.507859.15	hypothetical protein	-1,971	1,516E-20
TcCLB.510709.50	mucin TcMUCII (pseudogene), putative	-1,973	0,001379
TcCLB.511911.10	trans-sialidase, Group II, putative	-1,995	3,256E-15
TcCLB.510481.30	hypothetical protein, conserved	-1,997	0,00002662
TcCLB.510261.21	hypothetical protein	-2,005	0,0001307
TcCLB.507641.300	chaperonin HSP60, mitochondrial precursor (HSP60)	-2,014	0,0001136
TcCLB.510629.270	syntaxin binding protein (pseudogene), putative	-2,051	0,00001498
TcCLB.506229.50	nucleoside phosphatase, putative	-2,053	5,249E-83
TcCLB.511605.10	hypothetical protein	-2,054	0,0002872
TcCLB.510701.40	mucin-associated surface protein (MASP, pseudogene), putative	-2,058	7,994E-06
TcCLB.428403.10	hypothetical protein (fragment)	-2,069	1,074E-08
TcCLB.509553.60	mitogen-activated protein kinase 3, putative	-2,083	1,451E-50
TcCLB.509137.20	hypothetical protein	-2,087	5,044E-86
TcCLB.510773.40	hypothetical protein	-2,096	2,012E-29
TcCLB.507069.20	hypothetical protein	-2,097	0,001826
TcCLB.508777.210	hypothetical protein	-2,098	2,283E-08
TcCLB.510705.10	mucin-associated surface protein (MASP), putative	-2,099	0,00004131
TcCLB.506495.40	hypothetical protein	-2,102	4,412E-102
TcCLB.507705.20	hypothetical protein, conserved	-2,112	3,91E-21
TcCLB.507397.9	dispersed gene family protein 1 (DGF-1), putative	-2,114	0,000196
TcCLB.510089.20	surface protease GP63, putative	-2,12	0,00315
TcCLB.510629.290	mucin-associated surface protein (MASP, pseudogene), putative	-2,121	1,484E-15
TcCLB.507705.10	hypothetical protein, conserved	-2,126	4,864E-30
TcCLB.503639.10	inositol-3-phosphate synthase, putative	-2,128	2,726E-65
TcCLB.509313.9	trans-sialidase (pseudogene), putative	-2,142	0,0005228
TcCLB.510197.160	mucin-associated surface protein (MASP, pseudogene), putative	-2,147	9,681E-47
TcCLB.507959.290	hypothetical protein	-2,147	0,001236
TcCLB.509075.20	dispersed gene family protein 1 (DGF-1, pseudogene), putative	-2,165	1,514E-07
TcCLB.506039.30	dispersed gene family protein 1 (DGF-1), putative	-2,175	4,516E-16

TcCLB.510181.9	inositol-3-phosphate synthase, putative (fragment)	-2,179	3,421E-79
TcCLB.509475.10	mitogen-activated protein kinase 3, putative	-2,222	2,201E-30
TcCLB.511547.40	retrotransposon hot spot protein (RHS, pseudogene), putat	-2,247	3,658E-31
TcCLB.511521.27	hypothetical protein, conserved	-2,252	7,885E-72
TcCLB.508481.10	trans-sialidase, Group IV, putative	-2,257	0,003125
TcCLB.511021.30	hypothetical protein, conserved	-2,274	7,34E-111
TcCLB.506683.240	trans-sialidase, Group II, putative	-2,277	1,025E-138
TcCLB.509731.10	poly-zinc finger protein 2, putative	-2,314	4,763E-13
TcCLB.507609.60	inositol-3-phosphate synthase, putative	-2,323	3,061E-83
TcCLB.509197.39	cation transporter, putative	-2,333	2,09E-162
TcCLB.503773.24	hypothetical protein, conserved	-2,351	1,569E-31
TcCLB.508243.36	hypothetical protein	-2,36	0,00006498
TcCLB.503773.9	hypothetical protein, conserved (fragment)	-2,382	9,282E-41
TcCLB.506789.334	hypothetical protein, conserved	-2,385	1,714E-53
TcCLB.509663.20	hypothetical protein, conserved	-2,389	8,349E-50
TcCLB.505945.5	mitogen-activated protein kinase 3, putative (fragment)	-2,396	2,386E-15
TcCLB.508741.130	hypothetical protein	-2,397	5,919E-150
TcCLB.504039.200	mucin-associated surface protein (MASP), putative	-2,4	0,0001342
TcCLB.509075.31	hypothetical protein, conserved (pseudogene)	-2,408	0,002532
TcCLB.506115.9	dispersed gene family protein 1 (DGF-1), putative	-2,425	2,46E-20
TcCLB.511903.50	amastin, putative	-2,431	8,584E-83
TcCLB.506841.20	trans-sialidase, Group I, putative	-2,445	3,002E-47
TcCLB.510363.280	mucin-associated surface protein (MASP), putative	-2,448	1,514E-12
TcCLB.510171.10	trans-sialidase, putative (fragment)	-2,453	2,523E-83
TcCLB.469785.40	RNA-binding protein, putative	-2,49	2,783E-65
TcCLB.509325.10	mucin-associated surface protein (MASP), putative	-2,503	0,00007217
TcCLB.506149.20	hypothetical protein, conserved	-2,52	5,52E-34
TcCLB.511565.10	mucin TcMUCII, putative (fragment)	-2,52	6,115E-09
TcCLB.509075.70	retrotransposon hot spot protein (RHS, pseudogene), putat	-2,538	0,00003049
TcCLB.510709.31	syntaxin binding protein (pseudogene), putative	-2,541	2,562E-09
TcCLB.507025.50	RNA-binding protein, putative	-2,553	1,585E-48
TcCLB.507859.60	mucin-associated surface protein (MASP), putative	-2,561	6,455E-06
TcCLB.510709.70	trans-sialidase, Group V, putative	-2,565	3,025E-09
TcCLB.508433.30	mucin-associated surface protein (MASP), putative	-2,567	4,062E-06
TcCLB.507237.359	surface protease GP63 (pseudogene), putative	-2,575	0,00001597
TcCLB.509663.37	hypothetical protein, conserved	-2,586	5,633E-93
TcCLB.509881.9	dispersed gene family protein 1 (DGF-1), putative (fragme	-2,592	2,645E-07
TcCLB.506149.29	hypothetical protein, conserved	-2,603	1,026E-17
TcCLB.503705.11	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase (p:	-2,621	1,126E-07
TcCLB.438923.10	hypothetical protein (fragment)	-2,633	1,63E-108
TcCLB.508647.280	malic enzyme	-2,654	3,893E-250
TcCLB.416041.14	trans-sialidase, putative (fragment)	-2,67	8,07E-167
TcCLB.402255.10	retrotransposon hot spot protein (RHS, pseudogene), putat	-2,732	2,828E-26
TcCLB.510831.21	trans-sialidase, putative (fragment)	-2,739	9,239E-10
TcCLB.508433.10	mucin-associated surface protein (MASP), putative	-2,743	7,009E-06

TcCLB.504405.10	dispersed gene family protein 1 (DGF-1), putative	-2,747	0,00004793
TcCLB.503475.10	dispersed gene family protein 1 (DGF-1, pseudogene), putative	-2,747	0,00005469
TcCLB.504105.140	enolase	-2,777	2,551E-198
TcCLB.510875.10	dispersed gene family protein 1 (DGF-1, pseudogene), putative	-2,778	4,466E-13
TcCLB.504733.10	beta galactofuranosyl glycosyltransferase (pseudogene), putative	-2,786	7,602E-15
TcCLB.507613.10	dispersed gene family protein 1 (DGF-1), putative	-2,804	1,481E-11
TcCLB.511563.20	trans-sialidase (pseudogene), putative	-2,844	1,046E-12
TcCLB.506067.100	mucin TcMUCII, putative	-2,86	5,606E-08
TcCLB.450161.10	cation transporter, putative	-2,861	0
TcCLB.503773.50	Nucleolar protein 56, putative (fragment) (NOP56)	-2,871	5,659E-89
TcCLB.508701.10	ZIP Zn transporter, putative	-2,891	9,552E-92
TcCLB.508699.130	cation transporter, putative (fragment)	-2,908	3,123E-219
TcCLB.509241.10	surface protease GP63, putative (fragment)	-2,933	1,492E-64
TcCLB.511907.350	surface protease GP63 (pseudogene), putative	-2,944	4,977E-53
TcCLB.509197.30	cation transporter, putative	-2,945	1,812E-105
TcCLB.511755.10	hypothetical protein, conserved	-2,947	6,075E-103
TcCLB.511551.40	retrotransposon hot spot protein (RHS, pseudogene), putative	-2,964	4,498E-16
TcCLB.507489.9	dispersed gene family protein 1 (DGF-1), putative (fragment)	-2,971	1,189E-12
TcCLB.509663.44	hypothetical protein, conserved	-2,979	3,934E-121
TcCLB.508905.10	hypothetical protein, conserved (pseudogene)	-2,983	4,567E-113
TcCLB.509267.110	heat shock protein Hsp20, putative	-2,999	2,051E-109
TcCLB.413489.10	retrotransposon hot spot protein (RHS, pseudogene), putative	-3,04	1,063E-12
TcCLB.505183.30	malic enzyme, putative	-3,069	0
TcCLB.507867.10	mucin-associated surface protein (MASP), putative	-3,07	1,677E-10
TcCLB.505425.9	dispersed gene family protein 1 (DGF-1, pseudogene), putative	-3,152	1,122E-14
TcCLB.464391.10	retrotransposon hot spot protein (RHS, pseudogene), putative	-3,162	3,124E-12
TcCLB.509553.50	DNA repair and recombination helicase protein PIF5, putative	-3,201	3,06E-166
TcCLB.504145.10	trans-sialidase, Group II, putative	-3,207	1,099E-07
TcCLB.506495.50	hypothetical protein	-3,246	8,202E-164
TcCLB.506087.10	retrotransposon hot spot protein (RHS, pseudogene), putative	-3,251	2,639E-12
TcCLB.508061.10	hypothetical protein	-3,305	9,713E-193
TcCLB.507711.100	procyclic form surface phosphoprotein, putative	-3,308	1,192E-192
TcCLB.510363.290	hypothetical protein	-3,354	2,012E-06
TcCLB.510481.20	dispersed gene family protein 1 (DGF-1, pseudogene), putative	-3,358	1,341E-30
TcCLB.509325.16	elongation factor 1-gamma (EF-1-gamma, pseudogene), putative	-3,385	3,708E-14
TcCLB.509325.4	surface protease GP63, putative (fragment)	-3,393	0,08195
TcCLB.507951.150	guanine deaminase, putative	-3,394	0
TcCLB.511549.10	retrotransposon hot spot protein (RHS, pseudogene), putative	-3,426	2,167E-24
TcCLB.508481.20	mucin-associated surface protein (MASP), putative	-3,443	3,606E-06
TcCLB.507705.30	hypothetical protein, conserved	-3,473	2,242E-100
TcCLB.504431.100	guanine deaminase, putative	-3,533	4,749E-239
TcCLB.508485.30	retrotransposon hot spot protein (RHS, pseudogene), putative	-3,539	8,201E-32
TcCLB.508581.30	beta galactofuranosyl glycosyltransferase (pseudogene), putative	-3,546	2,894E-09
TcCLB.507639.10	poly-zinc finger protein 2, putative	-3,551	1,046E-82
TcCLB.466325.10	trans-sialidase (pseudogene), putative	-3,872	1,168E-41

TcCLB.507145.70	mucin-associated surface protein (MASP, pseudogene), pu	-3,877	5,456E-25
TcCLB.508581.10	trans-sialidase, Group VII, putative	-3,882	2,571E-33
TcCLB.511551.50	trans-sialidase (pseudogene), putative	-4,191	5,831E-10
TcCLB.508485.10	trans-sialidase, Group II, putative	-4,218	2,434E-14
TcCLB.509075.40	mucin-associated surface protein (MASP), putative	-4,342	0,0009103
TcCLB.507145.79	mucin TcMUCII, putative	-4,452	2,839E-07
TcCLB.507867.5	trans-sialidase, putative (fragment)	-4,584	0,00002407
TcCLB.508483.40	retrotransposon hot spot protein (RHS, pseudogene), putat	-4,673	2,268E-28
TcCLB.506231.10	trans-sialidase, putative	-4,865	2,241E-213
TcCLB.509663.69	trans-sialidase, putative (fragment)	-4,895	2,523E-11
TcCLB.508483.26	trans-sialidase (pseudogene), putative	-5,217	3,514E-16
TcCLB.508581.40	trans-sialidase, Group II, putative	-5,48	5,666E-09



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geneid	genedescription	deseq_logfc	deseq_adjp
TcCLB.506357.50	alcohol dehydrogenase, putative	6,298	0
TcCLB.511391.120	glutamamyl carboxypeptidase, putative	5,936	0
TcCLB.511277.60	alcohol dehydrogenase, putative	5,81	0
TcCLB.467287.20	hypothetical protein, conserved	5,528	2,967E-43
TcCLB.510103.24	hypothetical protein, conserved	5,437	0
TcCLB.509713.30	hypothetical protein, conserved	5,412	0
TcCLB.509213.120	cytosolic nonspecific dipeptidase, putative	5,393	0
TcCLB.510535.100	cysteine peptidase C (CPC), putative (TCCB)	5,333	0
TcCLB.509233.170	hypothetical protein, conserved	5,207	6,839E-100
TcCLB.509105.70	thiol-dependent reductase 1, putative (TcAc2)	5,134	0
TcCLB.508999.260	calpain-like cysteine peptidase (pseudogene), putative	5,089	0
TcCLB.510257.80	cytosolic nonspecific dipeptidase, putative	5,072	0
TcCLB.506563.170	calpain-like cysteine peptidase (pseudogene), putative	4,92	0
TcCLB.510357.20	hypothetical protein, conserved	4,874	6,743E-103
TcCLB.511497.19	amastin, putative	4,753	1,345E-193
TcCLB.511073.10	fatty acid desaturase, putative	4,739	3,974E-292
TcCLB.503419.30	thiol-dependent reductase 1, putative (TcAc2)	4,71	0
TcCLB.511003.160	hypothetical protein, conserved	4,704	2,003E-179
TcCLB.511075.9	fatty acid desaturase, putative (fragment)	4,686	8,306E-207
TcCLB.510855.10	peptide methionine sulfoxide reductase, putative	4,641	0
TcCLB.510837.9	acetylornithine deacetylase, putative (fragment)	4,442	1,141E-104
TcCLB.507853.10	lathosterol oxidase, putative	4,42	5,482E-163
TcCLB.510357.30	hypothetical protein, conserved	4,372	3,562E-141
TcCLB.504425.60	NADP-dependent alcohol hydrogenase, putative	4,301	2,153E-244
TcCLB.507891.29	flagellar calcium-binding protein, putative	4,295	1,466E-12
TcCLB.511201.49	hypothetical protein, conserved	4,243	0
TcCLB.508017.30	amino acid transporter, putative (fragment)	4,202	2,027E-295
TcCLB.510679.100	lipase, putative	4,201	6,705E-234
TcCLB.511859.200	hypothetical protein, conserved	4,182	0
TcCLB.506773.50	nucleoside transporter-like, putative	4,174	0
TcCLB.506559.410	hypothetical protein, conserved	4,163	3,535E-234
TcCLB.509003.30	calpain-like cysteine peptidase, putative	4,135	5,324E-257
TcCLB.506661.30	fatty acid elongase, putative	4,125	0
TcCLB.509965.394	amastin, putative	4,112	9,014E-137
TcCLB.503837.10	hypothetical protein, conserved	4,046	1,655E-247
TcCLB.507949.250	hypothetical protein, conserved	4,01	0
TcCLB.508111.30	glutamate dehydrogenase, putative	3,992	0
TcCLB.506789.352	hypothetical protein, conserved	3,987	3,613E-66
TcCLB.507689.40	glutamamyl carboxypeptidase, putative	3,985	0
TcCLB.509239.10	fatty acid desaturase, putative	3,974	9,73E-298
TcCLB.508065.70	protein associated with differentiation 8, putative	3,971	4,557E-143
TcCLB.506563.79	calpain-like cysteine peptidase (pseudogene), putative	3,95	7,728E-247
TcCLB.511245.130	fatty acid elongase, putative	3,91	3,403E-287

TcCLB.504045.60	thermostable carboxypeptidase 2, putative	3,907	0
TcCLB.507047.150	D-arabinono-1,4-lactone oxidase, putative (ALO)	3,903	5,233E-227
TcCLB.426435.9	fatty acid desaturase, putative	3,868	9,065E-288
TcCLB.511439.40	hypothetical protein	3,867	3,599E-293
TcCLB.511685.20	mucin TcSMUGS, putative	3,848	1,403E-284
TcCLB.511687.19	voltage-dependent anion-selective channel, putative (frag	3,848	1,516E-28
TcCLB.509023.80	hypothetical protein, conserved	3,84	0
TcCLB.509157.220	hypothetical protein, conserved	3,837	6,147E-200
TcCLB.506825.200	hypothetical protein	3,833	1,35E-302
TcCLB.508545.40	surface protease GP63, putative	3,809	0
TcCLB.506367.30	1,2-Dihydroxy-3-keto-5-methylthiopentene dioxygenase, p	3,804	0
TcCLB.508209.100	10 kDa heat shock protein, putative	3,803	4,509E-101
TcCLB.506789.340	hypothetical protein, conserved	3,796	4,061E-206
TcCLB.509197.50	hypothetical protein, conserved	3,784	1,558E-154
TcCLB.504533.50	hypothetical protein, conserved	3,751	1,221E-181
TcCLB.506551.10	protein associated with differentiation 4, putative	3,72	3,592E-279
TcCLB.507689.50	metallo-peptidase, clan MH, family M18, putative (fragm	3,716	0
TcCLB.510613.40	hypothetical protein, conserved (fragment)	3,704	2,244E-63
TcCLB.508923.10	amino acid permease, putative	3,7	9,624E-184
TcCLB.509965.390	amastin, putative	3,693	5,035E-234
TcCLB.506753.130	hypothetical protein, conserved	3,691	5,237E-138
TcCLB.509205.120	hypothetical protein, conserved	3,684	0
TcCLB.506247.220	histidine ammonia-lyase, putative	3,683	0
TcCLB.506401.380	surface protease GP63, putative	3,671	0
TcCLB.503413.4	Present in the outer mitochondrial membrane proteome 2	3,633	5,652E-112
TcCLB.508735.100	hypothetical protein, conserved	3,627	9,555E-208
TcCLB.508741.80	mucin TcSMUGS, putative	3,614	4,53E-48
TcCLB.503747.10	glutamine aminotransferase, putative (fragment) (GlnAT)	3,604	5,541E-193
TcCLB.508263.5	hypothetical protein, conserved (fragment)	3,594	2,513E-135
TcCLB.511303.34	Macro domain containing protein, putative	3,588	6,843E-163
TcCLB.510667.120	galactokinase, putative	3,583	1,245E-285
TcCLB.511685.10	mucin TcSMUGS, putative	3,58	4,941E-172
TcCLB.510725.40	hypothetical protein, conserved	3,574	6,996E-166
TcCLB.510811.20	protein associated with differentiation 4, putative	3,56	2,174E-202
TcCLB.509051.20	amastin, putative	3,548	5,717E-189
TcCLB.508741.70	mucin TcSMUGS, putative	3,547	3,928E-81
TcCLB.506227.10	amino acid transporter, putative	3,539	2,152E-178
TcCLB.506629.200	1,2-Dihydroxy-3-keto-5-methylthiopentene dioxygenase, p	3,532	7,992E-273
TcCLB.509569.100	nucleoside phosphorylase, putative	3,529	8,766E-259
TcCLB.510187.30	tyrosine aminotransferase	3,524	6,788E-58
TcCLB.508173.160	hypothetical protein, conserved	3,499	3,013E-254
TcCLB.511679.10	mucin TcSMUGS, putative	3,49	3,729E-102
TcCLB.511809.120	hypothetical protein, conserved	3,488	1,663E-231
TcCLB.506563.40	beta tubulin, putative	3,483	2,526E-137
TcCLB.508693.50	amidinotransferase, putative	3,478	0

TcCLB.511391.110	histone-lysine N-methyltransferase, putative (DOT1A)	3,478	7,732E-208
TcCLB.507359.10	hypothetical protein, conserved	3,472	2,435E-64
TcCLB.511385.30	Pyrophosphate-energized vacuolar membrane proton pump	3,461	0
TcCLB.511693.10	hypothetical protein	3,461	4,385E-247
TcCLB.510311.90	quinone oxidoreductase, putative	3,45	1,662E-265
TcCLB.509107.9	hypothetical protein, conserved (fragment)	3,446	2,432E-69
TcCLB.511685.30	mucin TcSMUGS, putative	3,443	2,946E-69
TcCLB.504047.5	urocanate hydratase, putative (fragment)	3,439	2,229E-16
TcCLB.508503.20	cytochrome c oxidase subunit V, putative	3,436	0
TcCLB.509683.10	hypothetical protein	3,432	0
TcCLB.511817.40	NADH-cytochrome b5 reductase, putative	3,416	8,664E-151
TcCLB.440101.10	fatty acid desaturase, putative (fragment)	3,409	2,114E-64
TcCLB.507187.9	dispersed gene family protein 1 (DGF-1), putative	3,406	2,607E-133
TcCLB.506937.10	cytosolic malate dehydrogenase, putative	3,401	2,41E-126
TcCLB.510661.250	cystathione gamma lyase, putative	3,397	0
TcCLB.510679.40	hypothetical protein	3,392	3,387E-183
TcCLB.506739.99	zinc finger (CCCH type) protein, putative	3,388	0
TcCLB.511051.10	hypothetical protein	3,383	3,074E-64
TcCLB.437545.10	3-oxo-5-alpha-steroid 4-dehydrogenase, putative	3,375	4,69E-146
TcCLB.510187.40	tyrosine aminotransferase	3,372	4,413E-235
TcCLB.510837.20	glutamamyl carboxypeptidase, putative	3,371	7,58E-62
TcCLB.509895.30	hypothetical protein, conserved	3,364	0
TcCLB.503411.30	hypothetical protein, conserved	3,363	2,299E-53
TcCLB.509041.10	tyrosine aminotransferase, putative	3,36	4,963E-11
TcCLB.509237.151	calpain-like cysteine peptidase, putative (fragment)	3,358	9,494E-117
TcCLB.511717.30	chromosomal passenger protein, putative (CPC1)	3,344	1,465E-112
TcCLB.511909.50	hypothetical protein, conserved	3,341	2,849E-126
TcCLB.507657.20	glutamamyl carboxypeptidase, putative	3,336	5,569E-305
TcCLB.505989.110	amidinotransferase, putative	3,333	0
TcCLB.508741.60	mucin TcSMUGS, putative	3,331	2,014E-82
TcCLB.507689.30	glutamamyl carboxypeptidase, putative	3,33	0
TcCLB.509707.10	protein associated with differentiation 8, putative	3,33	6,349E-74
TcCLB.507657.10	glutamamyl carboxypeptidase, putative	3,31	0
TcCLB.510187.70	tyrosine aminotransferase, putative	3,306	6,908E-229
TcCLB.503925.6	hypothetical protein, conserved	3,293	8,463E-26
TcCLB.503939.20	hypothetical protein, conserved	3,289	8,038E-169
TcCLB.509805.190	hypothetical protein, conserved	3,289	2,841E-122
TcCLB.508741.229	Mitochondrial outer membrane protein porin, putative (VI)	3,284	1,085E-255
TcCLB.510249.30	hypothetical protein, conserved	3,272	5,406E-36
TcCLB.506885.310	meiotic recombination protein DMC1, putative (dmc1)	3,266	1,28E-140
TcCLB.508737.210	Mitochondrial outer membrane protein porin, putative (VI)	3,262	1,197E-241
TcCLB.411235.9	alpha tubulin, putative	3,257	0
TcCLB.506513.110	peptidase t, putative	3,248	8,573E-199
TcCLB.510187.50	tyrosine aminotransferase	3,245	0
TcCLB.508917.49	peptidase t, putative	3,239	2,65E-87

TcCLB.462761.16	hypothetical protein, conserved (fragment)	3,228	4,828E-69
TcCLB.508799.270	protein associated with differentiation 4, putative	3,223	7,674E-288
TcCLB.508919.10	peptidase T (pseudogene), putative	3,22	2,12E-99
TcCLB.504765.20	protein associated with differentiation 8, putative	3,2	3,306E-28
TcCLB.509003.70	beta tubulin (pseudogene), putative	3,187	2,64E-235
TcCLB.511287.49	aldo-keto reductase (AKR)	3,187	3,153E-130
TcCLB.510565.30	cytochrome c oxidase subunit V, putative	3,184	2,332E-290
TcCLB.504045.110	urocanate hydratase, putative	3,171	0
TcCLB.508741.40	mucin TcSMUGS, putative	3,171	1,744E-227
TcCLB.511129.60	hypothetical protein, conserved	3,151	1,198E-134
TcCLB.510773.20	Pyrophosphate-energized vacuolar membrane proton pump	3,15	8,25E-247
TcCLB.508001.70	retrotransposon hot spot (RHS) protein, putative	3,148	6,716E-145
TcCLB.506823.50	retrotransposon hot spot protein (RHS, pseudogene), puta	3,147	9,389E-179
TcCLB.510795.10	tyrosine aminotransferase (2.6.1.5)	3,144	8,507E-256
TcCLB.511687.10	Mitochondrial outer membrane protein porin, putative (VI	3,141	2,901E-158
TcCLB.506257.98	hypothetical protein, conserved (pseudogene)	3,133	4,54E-134
TcCLB.507009.40	galactokinase, putative	3,128	2,381E-195
TcCLB.510039.40	nitrilase, putative	3,123	2,166E-241
TcCLB.508535.50	tyrosine aminotransferase	3,118	2,628E-132
TcCLB.506789.280	methylthioadenosine phosphorylase, putative	3,112	2,344E-146
TcCLB.511367.240	argonaute-like protein, putative	3,107	3,26E-211
TcCLB.509179.100	L-galactonolactone oxidase (ALO)	3,1	1,066E-176
TcCLB.508823.10	hypothetical protein, conserved	3,099	1,846E-153
TcCLB.511479.39	hypothetical protein, conserved	3,098	5,096E-81
TcCLB.506931.4	hypothetical protein, conserved	3,096	5,433E-196
TcCLB.503837.20	amino acid transporter, putative	3,088	9,659E-155
TcCLB.503713.30	6-phosphogluconolactonase, putative	3,081	7,013E-127
TcCLB.503415.40	hypothetical protein	3,08	2,543E-74
TcCLB.504933.10	calpain-like cysteine peptidase, putative	3,079	3,328E-66
TcCLB.511807.220	hypothetical protein	3,075	1,38E-101
TcCLB.511825.240	hypothetical protein, conserved	3,058	3,803E-71
TcCLB.503617.10	protein kinase, putative	3,057	4,258E-187
TcCLB.506243.10	retrotransposon hot spot protein (RHS, pseudogene), puta	3,056	3,433E-127
TcCLB.507031.90	arginase, putative	3,051	1,866E-167
TcCLB.510437.40	cytosolic malate dehydrogenase, putative	3,047	5,952E-165
TcCLB.504137.100	hypothetical protein, conserved	3,045	9,297E-161
TcCLB.509207.90	pyrroline-5-carboxylate reductase, putative (P5CR)	3,04	7,075E-208
TcCLB.511325.40	amino acid permease, putative	3,04	2,262E-170
TcCLB.503975.100	Present in the outer mitochondrial membrane proteome 2	3,04	2,313E-122
TcCLB.509997.10	hypothetical protein, conserved	3,04	2,218E-46
TcCLB.509767.170	hypothetical protein, conserved	3,038	1,208E-225
TcCLB.506773.44	cytochrome b5, putative	3,037	1,04E-154
TcCLB.506863.30	hypothetical protein, conserved	3,037	1,286E-67
TcCLB.508823.20	hypothetical protein, conserved	3,032	4,67E-243
TcCLB.509141.40	Mitochondrial outer membrane protein porin, putative (VI	3,029	2,21E-124

TcCLB.508805.80	short chain dehydrogenase, putative	3,026	7,205E-98
TcCLB.507603.220	hypothetical protein	3,023	1,477E-86
TcCLB.508811.40	hypothetical protein	3,018	5,626E-125
TcCLB.510187.20	tyrosine aminotransferase, putative	3,011	3,08E-227
TcCLB.510187.100	glucokinase	3,004	8,632E-154
TcCLB.473111.10	lathosterol oxidase, putative	3,004	2,948E-88
TcCLB.503975.40	hypothetical protein, conserved	3,003	7,502E-151
TcCLB.509043.10	tyrosine aminotransferase (pseudogene), putative	3,002	2,6E-155
TcCLB.506893.100	UMP-CMP kinase, mitochondrial, putative	3,002	8,299E-86
TcCLB.503445.9	retrotransposon hot spot (RHS) protein, putative	2,997	1,953E-94
TcCLB.510669.49	Gim5A protein, putative	2,992	5,843E-151
TcCLB.509463.30	3-ketoacyl-CoA thiolase, putative	2,989	4,092E-276
TcCLB.510339.80	hypothetical protein, conserved	2,983	3,748E-276
TcCLB.511329.10	Calpain-like protein 2 (CALP2)	2,979	7,27E-136
TcCLB.503653.60	cytochrome b-domain protein, putative	2,979	1,015E-88
TcCLB.510565.11	tyrosine aminotransferase, putative (fragment)	2,978	2,973E-210
TcCLB.506399.80	hypothetical protein, conserved	2,968	3,078E-97
TcCLB.510609.70	protein kinase, putative	2,967	1,42E-185
TcCLB.511047.70	hypothetical protein, conserved	2,959	1,03E-207
TcCLB.506011.10	hypothetical protein, conserved	2,958	2,203E-131
TcCLB.509129.10	Mitochondrial outer membrane protein porin, putative (VI	2,955	1,325E-213
TcCLB.507101.10	amino acid permease, putative	2,953	1,022E-183
TcCLB.509961.9	cytochrome c oxidase subunit 10, putative	2,95	7,879E-153
TcCLB.507247.14	dispersed gene family protein 1 (DGF-1), putative (fragme	2,945	4,999E-77
TcCLB.507963.20	arginase, putative	2,934	3,941E-140
TcCLB.511245.140	fatty acid elongase, putative	2,924	5,145E-156
TcCLB.508741.50	mucin TcSMUGS, putative	2,919	2,423E-264
TcCLB.509331.74	hypothetical protein, conserved	2,919	2,735E-77
TcCLB.504087.20	hypothetical protein	2,904	6,306E-225
TcCLB.506563.180	calpain-like cysteine peptidase (pseudogene), putative	2,896	7,938E-140
TcCLB.511911.90	hypothetical protein, conserved	2,887	9,267E-157
TcCLB.510977.9	hypothetical protein, conserved (fragment)	2,887	3,846E-127
TcCLB.505789.20	hypothetical protein, conserved	2,886	9,267E-157
TcCLB.509197.20	cation transporter, putative	2,872	9,133E-09
TcCLB.508643.20	hypothetical protein, conserved	2,869	1,544E-122
TcCLB.506325.10	retrotransposon hot spot (RHS) protein, putative	2,869	3,002E-72
TcCLB.504045.55	hypothetical protein, conserved	2,868	4,62E-202
TcCLB.508651.20	cytochrome c oxidase subunit 10, putative	2,86	3,762E-142
TcCLB.508675.29	calpain-like cysteine peptidase, putative	2,86	1,71E-131
TcCLB.505945.20	ribonuclease mar1, putative	2,855	1,078E-124
TcCLB.506221.110	chromosomal passenger protein, putative (CPC2)	2,85	5,778E-86
TcCLB.508799.290	hypothetical protein, conserved (fragment)	2,847	6,142E-155
TcCLB.506459.60	retrotransposon hot spot protein (RHS, pseudogene), puta	2,846	4,436E-92
TcCLB.506593.60	nicotinamidase, putative (PNC1)	2,845	2,8E-179
TcCLB.507527.50	cation transporter, putative	2,844	2,134E-09

TcCLB.509641.79	hypothetical protein, conserved (fragment)	2,843	1,446E-83
TcCLB.506213.50	prostaglandin F synthase (pseudogene), putative (PGFS)	2,842	1,783E-115
TcCLB.504033.80	hypothetical protein, conserved	2,841	2,452E-243
TcCLB.509505.50	10 kDa heat shock protein, putative	2,84	8,381E-100
TcCLB.508999.250	calpain-like cysteine peptidase (pseudogene), putative	2,837	4,967E-202
TcCLB.506621.30	ribonucleoside-diphosphate reductase small chain, putative	2,829	8,698E-157
TcCLB.509197.10	cation transporter, putative	2,826	5,166E-09
TcCLB.509965.330	hypothetical protein, conserved	2,821	1,281E-252
TcCLB.504203.40	hypothetical protein, conserved	2,818	5,069E-180
TcCLB.506661.20	fatty acid elongase, putative	2,818	2,841E-122
TcCLB.506983.48	calpain-like cysteine peptidase, putative	2,816	6,989E-72
TcCLB.509611.180	peptide methionine sulfoxide reductase, putative	2,813	5,532E-82
TcCLB.509059.50	pyridoxal kinase, putative	2,809	1,499E-174
TcCLB.508863.10	hypothetical protein, conserved	2,801	4,791E-140
TcCLB.504223.10	amino acid permease, putative	2,797	1,324E-163
TcCLB.506199.20	hypothetical protein, conserved	2,795	3,424E-57
TcCLB.509203.40	glycosomal membrane protein, putative	2,793	1,168E-236
TcCLB.508799.150	nucleoside transporter-like, putative	2,792	5,552E-133
TcCLB.507515.4	trypanothione/tryparedoxin dependent peroxidase 2, putative	2,786	1,6E-188
TcCLB.506529.360	cytochrome oxidase subunit IV, putative (COXIV)	2,783	8,685E-289
TcCLB.506931.10	haloacid dehalogenase-like hydrolase, putative	2,783	5,101E-92
TcCLB.506177.100	actyltransferase-like, putative	2,782	6,666E-76
TcCLB.509237.120	calpain-like cysteine peptidase, putative	2,778	1,63E-209
TcCLB.508719.30	hypothetical protein, conserved	2,771	2,774E-205
TcCLB.504013.60	regulatory subunit of protein kinase a-like protein, putative	2,767	2,894E-113
TcCLB.508501.250	UMP-CMP kinase, mitochondrial, putative	2,767	7,197E-85
TcCLB.508827.50	DNA repair and recombination helicase protein PIF3, putative	2,764	9,058E-139
TcCLB.508999.200	cysteine peptidase, Clan CA, family C2, putative	2,763	3,053E-120
TcCLB.510521.10	NADH-cytochrome b5 reductase (pseudogene), putative	2,758	1,116E-114
TcCLB.470399.10	cyclophilin, putative (fragment)	2,75	6,493E-58
TcCLB.511437.30	lipase, putative	2,749	4,602E-75
TcCLB.508823.70	P27 protein, putative (P27)	2,746	0
TcCLB.506853.50	2-oxoisovalerate dehydrogenase alpha subunit, putative	2,742	2,278E-148
TcCLB.504223.30	hypothetical protein, conserved (fragment)	2,739	2,649E-21
TcCLB.511575.30	hypothetical protein, conserved	2,735	1,096E-108
TcCLB.506201.39	25 kDa translation elongation factor 1-beta, putative (EF-1)	2,734	1,003E-286
TcCLB.510121.20	hexokinase, putative	2,727	2,384E-197
TcCLB.503861.10	retrotransposon hot spot (RHS) protein, putative	2,724	9,773E-191
TcCLB.508387.20	methylthioadenosine phosphorylase, putative	2,717	7,478E-107
TcCLB.510629.460	hypothetical protein	2,713	6,238E-136
TcCLB.510879.50	regulatory subunit of protein kinase a-like protein, putative	2,71	2,538E-207
TcCLB.511697.40	hypothetical protein, conserved (pseudogene)	2,709	6,313E-48
TcCLB.509295.80	retrotransposon hot spot (RHS) protein, putative	2,706	3,036E-126
TcCLB.507707.20	hypothetical protein, conserved	2,704	4,362E-97
TcCLB.510905.10	dispersed gene family protein 1 (DGF-1), putative	2,703	1,296E-13

TcCLB.510101.140	pyruvate phosphate dikinase, putative	2,701	4,81E-116
TcCLB.506773.90	amino acid permease/transporter, putative	2,7	3,06E-161
TcCLB.508677.80	NADP-dependent alcohol hydrogenase, putative	2,696	3,13E-88
TcCLB.511245.180	guanin nucleotide-binding protein, putative	2,695	2,012E-128
TcCLB.506319.60	hypothetical protein, conserved	2,689	1,197E-76
TcCLB.508601.141	dipeptidyl-peptidase, putative (fragment)	2,688	9,123E-204
TcCLB.510783.49	cytochrome c oxidase subunit 10, putative	2,685	3,048E-30
TcCLB.510259.50	21 kDa cyclophilin, putative (CYP21)	2,684	7,251E-108
TcCLB.511135.20	hypothetical protein, conserved	2,679	1,797E-211
TcCLB.511389.110	cytochrome c oxidase VIII (COX VIII), putative	2,675	2,213E-150
TcCLB.510741.10	cystathione gamma lyase, putative	2,673	4,737E-52
TcCLB.508677.50	beta galactofuranosyl glycosyltransferase, putative	2,669	1,167E-92
TcCLB.508699.120	dipeptidyl-peptidase, putative	2,667	3,325E-254
TcCLB.510565.20	fatty acid desaturase, putative	2,665	8,004E-124
TcCLB.503791.30	hypothetical protein, conserved	2,66	6,426E-200
TcCLB.506635.60	pyroglutamyl-peptidase I, putative (PPI)	2,658	5,814E-116
TcCLB.511325.50	amino acid permease, putative	2,657	9,851E-47
TcCLB.503393.10	amino acid permease, putative (fragment)	2,657	1,945E-39
TcCLB.506219.40	hypothetical protein, conserved	2,654	2,392E-207
TcCLB.509053.30	hypothetical protein, conserved	2,652	7,425E-174
TcCLB.509719.40	cytochrome P450, putative	2,652	8,804E-89
TcCLB.506857.20	pyrroline-5-carboxylate reductase, putative (P5CR)	2,65	2,046E-97
TcCLB.509601.140	hypothetical protein	2,648	4,422E-194
TcCLB.507677.160	hypothetical protein, conserved	2,639	1,711E-154
TcCLB.507167.70	retrotransposon hot spot (RHS) protein, putative	2,639	5,574E-101
TcCLB.508303.10	alanine racemase 2, putative	2,636	1,126E-140
TcCLB.506779.200	glycerol-3-phosphate dehydrogenase (pseudogene), putat	2,628	6,654E-188
TcCLB.506947.10	hypothetical protein, conserved	2,625	6,124E-127
TcCLB.508821.40	hypothetical protein, conserved	2,622	2,471E-222
TcCLB.510943.50	delta-1-pyrroline-5-carboxylate dehydrogenase, putative	2,619	5,032E-135
TcCLB.506753.140	hypothetical protein, conserved	2,619	2,482E-88
TcCLB.508955.20	hypothetical protein, conserved	2,618	3,544E-163
TcCLB.503769.40	cytochrome oxidase subunit VII (COXVII)	2,618	1,35E-160
TcCLB.509199.24	ribose 5-phosphate isomerase type B	2,617	1,02E-100
TcCLB.510357.40	hypothetical protein, conserved	2,609	1,622E-57
TcCLB.509683.90	hypothetical protein	2,606	1,968E-86
TcCLB.505373.10	retrotransposon hot spot (RHS) protein, putative	2,603	2,095E-100
TcCLB.509331.210	NADP-dependent alcohol hydrogenase, putative	2,602	2,758E-59
TcCLB.511545.80	L-Lysine transport protein	2,598	6,486E-119
TcCLB.506529.508	glucose-6-phosphate isomerase, glycosomal, putative	2,596	1,231E-153
TcCLB.506925.300	cyclophilin a, putative (CYPA)	2,591	6,11E-102
TcCLB.506563.210	cysteine peptidase, Clan CA, family C2, putative	2,59	2,306E-272
TcCLB.508951.20	hexokinase, putative	2,589	9,055E-171
TcCLB.506203.60	hypothetical protein, conserved	2,586	2,962E-73
TcCLB.509793.50	hypothetical protein, conserved	2,584	1,922E-183

TcCLB.511207.10	hypothetical protein, conserved	2,583	2,811E-128
TcCLB.507105.50	hypothetical protein	2,581	3,651E-216
TcCLB.511811.30	hypothetical protein, conserved	2,579	4,554E-92
TcCLB.510739.19	cystathione gamma lyase, putative (fragment)	2,577	3,062E-37
TcCLB.504081.220	retrotransposon hot spot protein (RHS, pseudogene), puta	2,571	4,637E-85
TcCLB.508535.10	NADH-dependent fumarate reductase, putative	2,569	1,214E-285
TcCLB.507129.5	hypothetical protein, conserved (fragment)	2,569	4,383E-25
TcCLB.508029.10	Hydroxymethylglutaryl-CoA lyase, mitochondrial, putative	2,568	1,926E-74
TcCLB.511691.39	hypothetical protein, conserved	2,562	6,659E-190
TcCLB.510605.10	hypothetical protein, conserved	2,562	4,557E-87
TcCLB.507709.90	sterol C-24 reductase, putative	2,559	1,99E-90
TcCLB.509197.39	cation transporter, putative	2,556	2,651E-140
TcCLB.504867.70	cytochrome c oxidase assembly protein, putative	2,552	2,073E-115
TcCLB.509589.20	squalene monooxygenase, putative	2,551	8,386E-132
TcCLB.504339.19	NADP-dependent alcohol hydrogenase, putative	2,55	5,495E-12
TcCLB.508701.20	cation transporter, putative	2,537	4,421E-07
TcCLB.511333.10	calpain-like cysteine peptidase, putative	2,529	3,909E-23
TcCLB.510265.10	quinone oxidoreductase, putative	2,528	1,303E-81
TcCLB.508241.10	glycerol-3-phosphate dehydrogenase, putative	2,525	1,448E-119
TcCLB.506843.100	retrotransposon hot spot (RHS) protein, putative	2,523	1,137E-169
TcCLB.506529.80	hypothetical protein, conserved	2,52	9,334E-163
TcCLB.508027.129	Hydroxymethylglutaryl-CoA lyase, mitochondrial, putative	2,502	1,854E-44
TcCLB.506147.9	prostaglandin F2alpha synthase (TcPGFS)	2,501	9,529E-238
TcCLB.507867.100	hypothetical protein	2,498	4,304E-123
TcCLB.508033.39	mucin-associated surface protein (MASP, pseudogene), pi	2,497	6,138E-54
TcCLB.507559.80	deoxyribose-phosphate aldolase, putative	2,494	1,522E-187
TcCLB.510245.10	amino acid permease, putative	2,492	4,773E-166
TcCLB.509351.10	delta-1-pyrroline-5-carboxylate dehydrogenase, putative	2,492	1,445E-54
TcCLB.508799.160	cytochrome b5-like protein, putative	2,49	5,544E-160
TcCLB.506181.104	actyltransferase-like protein	2,49	2,316E-86
TcCLB.507049.60	NAD(P)-dependent oxidoreductase, putative	2,489	7,022E-129
TcCLB.505057.20	hypothetical protein	2,482	5,358E-61
TcCLB.505807.180	2-hydroxy-3-oxopropionate reductase, putative	2,474	5,846E-159
TcCLB.509331.70	3-oxo-5-alpha-steroid 4-dehydrogenase, putative	2,471	8,571E-90
TcCLB.511613.100	elongation factor 1-gamma (EF-1-gamma), putative	2,469	2,701E-06
TcCLB.509705.10	cellulosomal scaffoldin anchoring protein, putative	2,464	8,133E-91
TcCLB.506983.39	calpain-like cysteine peptidase, putative	2,458	2,85E-76
TcCLB.507081.130	2,4-dihydroxyhept-2-ene-1,7-dioic acid aldolase, putative	2,457	1,887E-96
TcCLB.505171.30	hypothetical protein, conserved	2,456	7,47E-95
TcCLB.450161.10	cation transporter, putative	2,455	5,829E-116
TcCLB.508781.110	2-oxoisovalerate dehydrogenase alpha subunit, putative	2,453	4,741E-93
TcCLB.506975.40	amidohydrolase, putative	2,449	8,12E-154
TcCLB.511335.9	calpain-like cysteine peptidase, putative (fragment)	2,445	4,191E-26
TcCLB.504105.220	hypothetical protein, conserved	2,44	8,007E-51
TcCLB.482097.20	hypothetical protein, conserved	2,438	2,16E-09



TcCLB.509045.20	co-chaperone GrpE, putative	2,437	6,755E-127
TcCLB.511867.140	Acyl carrier protein, mitochondrial, putative (ACP)	2,434	3,259E-121
TcCLB.507517.60	ATPase subunit 9, putative	2,43	2,061E-98
TcCLB.509233.150	cytochrome oxidase subunit VII (COXVII)	2,428	9,581E-147
TcCLB.509395.100	cytochrome b-domain protein, putative	2,423	3,009E-56
TcCLB.509179.20	Macro domain containing protein, putative	2,422	4,471E-102
TcCLB.507317.34	hypothetical protein, conserved	2,422	7,637E-79
TcCLB.508173.150	protein disulfide isomerase, putative	2,415	2,098E-98
TcCLB.509265.10	retrotransposon hot spot (RHS) protein, putative	2,415	3,111E-76
TcCLB.508873.420	Present in the outer mitochondrial membrane proteome 1	2,414	1,105E-110
TcCLB.484311.10	calpain-like cysteine peptidase, putative (fragment)	2,412	9,136E-13
TcCLB.441401.10	imidazolonepropionase, putative	2,407	1,564E-81
TcCLB.503899.119	trypanothione/tryparedoxin dependent peroxidase 2, puta	2,406	9,94E-126
TcCLB.508461.80	prostaglandin F2alpha synthase (TcPGFS)	2,402	7,837E-234
TcCLB.508257.220	expression site-associated gene (ESAG-like) protein, putat	2,4	2,037E-103
TcCLB.503753.29	NADPH--cytochrome P450 reductase, putative	2,399	5,094E-97
TcCLB.509769.40	hypothetical protein, conserved	2,398	1,993E-87
TcCLB.505193.100	Present in the outer mitochondrial membrane proteome 1	2,396	1,754E-40
TcCLB.506169.21	retrotransposon hot spot (RHS) protein, putative (fragmer	2,39	3,46E-30
TcCLB.503697.70	hypothetical protein, conserved	2,388	9,672E-78
TcCLB.510507.20	3-ketoacyl-CoA thiolase, putative	2,387	7,284E-166
TcCLB.503461.20	per-hexamer repeat protein 5, putative	2,386	1,001E-73
TcCLB.438313.9	dispersed gene family protein 1 (DGF-1), putative	2,383	4,2E-71
TcCLB.508897.119	FKBP-type peptidylprolyl cis-trans isomerase, putative	2,382	3,612E-98
TcCLB.508045.100	mitochondrial DNA primase, putative (PRI1)	2,379	2,326E-116
TcCLB.506789.130	double-strand-break repair protein rad21 homolog, putati	2,377	5,913E-181
TcCLB.509137.30	imidazolonepropionase, putative	2,375	7,925E-147
TcCLB.504983.10	hypothetical protein	2,375	3,269E-81
TcCLB.506417.5	endoribonuclease L-PSP (pb5), putative	2,371	6,94E-110
TcCLB.510063.30	hypothetical protein, conserved	2,371	1,145E-98
TcCLB.509799.50	hypothetical protein, conserved	2,369	3,808E-103
TcCLB.511573.20	hypothetical protein	2,367	5,378E-173
TcCLB.508741.140	imidazolonepropionase, putative	2,361	1,13E-147
TcCLB.510517.40	hypothetical protein	2,361	4,968E-98
TcCLB.503991.39	2,4-dihydroxyhept-2-ene-1,7-dioic acid aldolase, putative	2,36	5,614E-68
TcCLB.511145.10	cytochrome c oxidase subunit VI, putative	2,357	1,93E-65
TcCLB.511827.100	cysteine peptidase C (CPC), putative (TCCB)	2,35	1,074E-87
TcCLB.507929.20	co-chaperone GrpE, putative	2,344	4,743E-95
TcCLB.509331.30	acetyl-CoA synthetase, putative	2,344	1,647E-75
TcCLB.509979.150	nitrilase, putative	2,343	5,782E-88
TcCLB.506325.40	retrotransposon hot spot protein (RHS, pseudogene), puta	2,332	2,283E-120
TcCLB.508647.180	hypothetical protein, conserved	2,331	5,552E-103
TcCLB.504257.60	S-adenosylmethionine decarboxylase proenzyme, putative	2,33	8,524E-34
TcCLB.506297.190	pyruvate phosphate dikinase, putative	2,328	1,596E-116
TcCLB.507617.9	prostaglandin F2alpha synthase (TcPGFS)	2,326	8,586E-209

TcCLB.507611.280	cytochrome oxidase subunit IX, putative (COXIX)	2,325	3,816E-102
TcCLB.509587.20	squalene monooxygenase, putative (fragment)	2,316	7,218E-84
TcCLB.511017.50	glycosomal membrane protein, putative	2,313	5,235E-105
TcCLB.504069.20	cytochrome c oxidase subunit VI, putative	2,313	4,009E-81
TcCLB.509215.40	peptidyl-prolyl cis-trans isomerase, putative	2,305	2,736E-124
TcCLB.428403.10	hypothetical protein (fragment)	2,3	7,877E-06
TcCLB.503579.70	ATPase subunit 9, putative	2,298	6,957E-87
TcCLB.506853.10	hypothetical protein, conserved	2,297	9,191E-154
TcCLB.507875.20	glutamate dehydrogenase, putative	2,297	1,576E-52
TcCLB.507837.20	protein kinase, putative	2,296	2,639E-84
TcCLB.511639.20	hypothetical protein, conserved	2,292	4,994E-149
TcCLB.508699.130	cation transporter, putative (fragment)	2,287	2,982E-81
TcCLB.508555.50	calpain-like cysteine peptidase, putative	2,286	1,589E-63
TcCLB.510729.110	meiotic recombination protein DMC1, putative (dmc1)	2,285	1,39E-119
TcCLB.509267.30	hypothetical protein, conserved	2,282	1,558E-32
TcCLB.507219.20	retrotransposon hot spot protein (RHS, pseudogene), puta	2,28	4,865E-87
TcCLB.506467.29	methyltransferase domain containing protein, putative (P	2,276	1,888E-106
TcCLB.509787.10	retrotransposon hot spot (RHS) protein, putative	2,276	9,327E-104
TcCLB.511393.49	hypothetical protein, conserved	2,276	2,91E-63
TcCLB.510131.44	hypothetical protein, conserved	2,27	3,158E-104
TcCLB.509703.10	cellulosomal scaffoldin anchoring protein, putative	2,264	1,811E-74
TcCLB.511545.90	hypothetical protein	2,259	4,937E-79
TcCLB.510101.80	hypothetical protein, conserved	2,258	1,327E-68
TcCLB.507711.200	hypothetical protein, conserved	2,256	3,465E-281
TcCLB.508555.20	hypothetical protein, conserved	2,255	1,588E-48
TcCLB.455721.9	cytochrome c oxidase subunit 10, putative	2,253	1,924E-55
TcCLB.503855.40	calpain-like cysteine peptidase, putative	2,251	7,301E-71
TcCLB.506183.70	beta galactofuranosyl glycosyltransferase, putative	2,25	1,329E-67
TcCLB.511309.60	hypothetical protein, conserved	2,25	1,655E-52
TcCLB.510769.10	hypothetical protein, conserved	2,245	3,497E-64
TcCLB.507723.100	cytochrome oxidase subunit IX, putative (COXIX)	2,243	2,107E-87
TcCLB.510977.20	hypothetical protein, conserved (pseudogene)	2,239	1,078E-60
TcCLB.507739.40	uracil phosphoribosyltransferase, putative	2,237	3,666E-104
TcCLB.503577.9	delta-1-pyrroline-5-carboxylate dehydrogenase (pseudoge	2,236	1,405E-45
TcCLB.510069.20	protein associated with differentiation 4, putative	2,235	4,018E-126
TcCLB.510309.20	MFS transporter, putative	2,233	5,071E-96
TcCLB.508153.740	hypothetical protein	2,229	1,144E-93
TcCLB.508549.20	hypothetical protein, conserved	2,227	2,161E-132
TcCLB.509223.20	retrotransposon hot spot (RHS) protein, putative	2,227	6,007E-98
TcCLB.510795.30	fatty acid desaturase (pseudogene), putative	2,226	4,634E-79
TcCLB.503999.10	squalene monooxygenase, putative	2,225	4,669E-120
TcCLB.504005.54	hypothetical protein, conserved	2,225	8,256E-51
TcCLB.511639.9	hypothetical protein, conserved	2,224	1,562E-66
TcCLB.503989.30	hypothetical protein, conserved (pseudogene)	2,223	3,664E-150
TcCLB.508471.19	hypothetical protein, conserved (fragment)	2,223	1,324E-104

TcCLB.509329.20	retrotransposon hot spot protein (RHS, pseudogene), puta	2,223	1,174E-82
TcCLB.506625.230	hypothetical protein, conserved	2,216	2,139E-43
TcCLB.509023.70	hypothetical protein, conserved	2,211	2,948E-22
TcCLB.510943.130	cytochrome c oxidase assembly protein, putative	2,21	7,03E-87
TcCLB.510749.99	aminopeptidase P, putative	2,208	1,821E-26
TcCLB.511151.90	glycerol-3-phosphate dehydrogenase, putative	2,204	6,41E-149
TcCLB.506505.30	hypothetical protein, conserved	2,201	2,827E-92
TcCLB.511903.40	3-hydroxy-3-methylglutaryl-CoA synthase, putative (HMG5	2,196	2,367E-139
TcCLB.504069.120	amino acid permease 24, putative (AAP24)	2,194	4,418E-58
TcCLB.507771.70	hypothetical protein, conserved	2,192	1,172E-104
TcCLB.505647.40	endoribonuclease L-PSP (pb5), putative	2,19	7,124E-164
TcCLB.509937.200	hypothetical protein, conserved	2,184	1,097E-57
TcCLB.508221.414	elongation factor 1-gamma (EF-1-gamma), putative	2,181	2,726E-06
TcCLB.506945.190	cytochrome p450-like protein, putative	2,171	7,176E-127
TcCLB.509427.50	retrotransposon hot spot protein (RHS, pseudogene), puta	2,171	2,574E-77
TcCLB.510747.10	hypothetical protein, conserved	2,171	1,273E-55
TcCLB.508799.120	amino acid permease/transporter, putative	2,166	2,232E-86
TcCLB.508567.60	hypothetical protein	2,165	1,454E-80
TcCLB.505647.60	hypothetical protein, conserved	2,164	2,056E-83
TcCLB.506375.110	(H)-ATPase G subunit, putative	2,159	1,021E-90
TcCLB.509367.30	dispersed gene family protein 1 (DGF-1, pseudogene), put	2,159	7,096E-23
TcCLB.506731.10	hypothetical protein	2,158	4,346E-25
TcCLB.510759.40	Protein kinase domain, putative	2,156	1,675E-99
TcCLB.503745.25	hypothetical protein, conserved	2,155	5,954E-32
TcCLB.510853.10	dispersed gene family protein 1 (DGF-1, pseudogene), put	2,146	4,766E-46
TcCLB.503841.80	NADH-dependent fumarate reductase, putative	2,145	2,531E-31
TcCLB.507115.20	dispersed gene family protein 1 (DGF-1), putative	2,141	5,574E-42
TcCLB.508147.159	dispersed gene family protein 1 (DGF-1), putative	2,141	1,16E-09
TcCLB.511575.130	folate/pteridine transporter, putative	2,14	3,965E-90
TcCLB.509287.230	trans-sialidase, Group II, putative	2,139	1,446E-87
TcCLB.511277.500	hypothetical protein, conserved	2,136	1,099E-69
TcCLB.510143.24	Hsc70-interacting protein (Hip), putative	2,126	1,753E-134
TcCLB.508023.80	retrotransposon hot spot protein (RHS, pseudogene), puta	2,126	1,355E-42
TcCLB.503975.70	hypothetical protein, conserved	2,124	8,023E-90
TcCLB.508971.40	acetylornithine deacetylase-like, putative	2,123	6,654E-180
TcCLB.510301.30	hypothetical protein, conserved	2,121	2,745E-61
TcCLB.507671.30	25 kDa translation elongation factor 1-beta (EF-1-beta)	2,12	1,012E-125
TcCLB.507515.90	hypothetical protein, conserved	2,119	1,056E-61
TcCLB.503453.100	serine palmitoyltransferase, putative	2,115	4,632E-96
TcCLB.506999.180	hypothetical protein	2,114	1,201E-106
TcCLB.508465.40	hypothetical protein, conserved	2,111	5,428E-86
TcCLB.511903.120	transketolase, putative	2,11	3,094E-142
TcCLB.511667.20	retrotransposon hot spot (RHS) protein, putative	2,105	3,575E-47
TcCLB.506129.89	hypothetical protein, conserved	2,104	1,627E-106
TcCLB.507641.64	hypothetical protein, conserved	2,104	1,354E-83

TcCLB.510213.110	NADH-dependent fumarate reductase, putative	2,103	2,729E-40
TcCLB.508503.10	fatty acid desaturase, putative	2,1	1,046E-48
TcCLB.511337.4	hypothetical protein, conserved	2,095	1,452E-21
TcCLB.508059.50	hypothetical protein, conserved	2,094	8,163E-102
TcCLB.510889.50	cytochrome oxidase subunit IV, putative (COXIV)	2,093	3,093E-99
TcCLB.506931.80	p450 reductase, putative	2,093	8,484E-89
TcCLB.506789.160	hypothetical protein, conserved	2,092	1,273E-71
TcCLB.511773.10	retrotransposon hot spot protein (RHS, pseudogene), puta	2,092	6,651E-57
TcCLB.507153.30	dispersed gene family protein 1 (DGF-1), putative	2,089	1,444E-41
TcCLB.507233.110	mismatch repair protein MSH4, putative	2,088	6,863E-127
TcCLB.508139.130	trans-sialidase, Group II, putative	2,086	1,581E-104
TcCLB.510407.30	hypothetical protein, conserved	2,083	7,763E-47
TcCLB.508809.40	hypothetical protein, conserved	2,083	2,341E-33
TcCLB.506171.10	retrotransposon hot spot (RHS) protein, putative	2,083	6,435E-27
TcCLB.508231.40	hypothetical protein, conserved	2,081	4,147E-117
TcCLB.509671.10	hypothetical protein, conserved	2,075	3,486E-112
TcCLB.407477.50	cytochrome c oxidase VIII (COX VIII), putative	2,074	1,145E-93
TcCLB.511909.30	hypothetical protein, conserved	2,07	1,594E-44
TcCLB.507019.20	nitrate reductase, putative	2,068	1,822E-108
TcCLB.510105.100	UDP-glucose dehydrogenase, putative	2,066	5,804E-60
TcCLB.510993.10	(H)-ATPase G subunit	2,061	2,642E-76
TcCLB.507897.20	squalene synthase, putative	2,06	7,56E-201
TcCLB.509331.160	hypothetical protein, conserved	2,06	6,143E-53
TcCLB.506865.2	nucleoside phosphorylase, putative	2,06	3,048E-45
TcCLB.509003.60	hypothetical protein, conserved	2,058	1,02E-87
TcCLB.511895.20	hypothetical protein	2,057	8,64E-72
TcCLB.511295.10	FKBP-type peptidylprolyl cis-trans isomerase, putative	2,056	3,761E-74
TcCLB.506391.30	ef-hand protein 5, putative	2,052	3,105E-47
TcCLB.506773.120	mRNA cap guanine-N7 methyltransferase, putative	2,051	7,772E-69
TcCLB.511485.11	retrotransposon hot spot protein (RHS, pseudogene), puta	2,051	1,409E-07
TcCLB.510743.70	lactoylglutathione lyase-like protein, putative	2,048	9,934E-100
TcCLB.511303.64	hypothetical protein, conserved	2,045	4,114E-71
TcCLB.511815.170	hypothetical protein, conserved	2,045	6,434E-60
TcCLB.506811.160	R27-2 protein, putative	2,044	3,252E-140
TcCLB.426897.10	hypothetical protein	2,043	5,291E-75
TcCLB.506989.140	Elongation factor Ts, mitochondrial, putative (EF-Ts)	2,042	3,758E-71
TcCLB.511589.70	ADP-ribosylation factor GTPase activating protein, putativ	2,039	1,54E-69
TcCLB.511131.80	hypothetical protein, conserved	2,035	1,728E-109
TcCLB.509693.209	mismatch repair protein, putative	2,033	1,382E-58
TcCLB.510861.140	serine/threonine protein kinase, putative	2,031	1,862E-123
TcCLB.506125.20	hypothetical protein, conserved	2,029	1,51E-84
TcCLB.509767.59	protoheme IX farnesyltransferase, putative	2,027	8,681E-85
TcCLB.506855.310	hypothetical protein, conserved	2,026	1,599E-108
TcCLB.511037.20	L-2-hydroxyglutarate dehydrogenase, mitochondrial, putat	2,025	1,65E-87
TcCLB.508881.70	DNA ligase, putative	2,023	3,895E-93

TcCLB.507719.9	dispersed gene family protein 1 (DGF-1), putative	2,021	8,944E-47
TcCLB.506323.30	retrotransposon hot spot (RHS) protein, putative	2,019	1,814E-75
TcCLB.510677.9	dispersed gene family protein 1 (DGF-1), putative (fragm	2,018	1,31E-35
TcCLB.503411.10	hypothetical protein	2,015	5,46E-58
TcCLB.511807.120	hypothetical protein, conserved	2,007	5,623E-73
TcCLB.506355.5	hexose transporter, putative	2,007	1,154E-37
TcCLB.504003.30	hypothetical protein	2,006	1,336E-67
TcCLB.504033.130	spermidine synthase, putative	2,006	1,236E-19
TcCLB.511759.40	hypothetical protein, conserved	2,004	7,179E-23
TcCLB.508405.70	protein kinase, putative	2,001	1,147E-76
TcCLB.508141.90	hypothetical protein, conserved	1,999	1,784E-62
TcCLB.510603.169	hypothetical protein, conserved	1,997	1,207E-22
TcCLB.507089.210	hypothetical protein, conserved	1,995	7,576E-71
TcCLB.510971.5	retrotransposon hot spot protein (RHS, pseudogene), puta	1,994	3,173E-46
TcCLB.506885.204	hypothetical protein, conserved	1,993	6,928E-99
TcCLB.511469.70	prohibitin, putative	1,988	6,652E-91
TcCLB.511485.20	retrotransposon hot spot protein (RHS, pseudogene), puta	1,988	4,011E-28
TcCLB.505207.20	beta galactofuranosyl glycosyltransferase, putative	1,986	2,256E-20
TcCLB.509029.140	hypothetical protein, conserved	1,985	1,086E-55
TcCLB.507117.9	dispersed gene family protein 1 (DGF-1), putative	1,985	1,188E-32
TcCLB.503739.10	beta galactofuranosyl glycosyltransferase (pseudogene), p	1,985	3,159E-09
TcCLB.510669.20	Gim5A protein, putative	1,982	1,417E-83
TcCLB.509601.59	protoheme IX farnesyltransferase, putative	1,981	1,945E-93
TcCLB.510005.41	retrotransposon hot spot (RHS) protein, putative	1,98	5,428E-86
TcCLB.511661.80	hypothetical protein, conserved	1,98	3,71E-48
TcCLB.506263.10	D-isomer specific 2-hydroxyacid dehydrogenase-protein, p	1,979	3,095E-138
TcCLB.505971.10	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, p	1,979	1,541E-17
TcCLB.509295.10	dispersed gene family protein 1 (DGF-1), putative	1,979	2,192E-17
TcCLB.504741.4	hypothetical protein, conserved	1,978	2,147E-63
TcCLB.509327.10	retrotransposon hot spot protein (RHS, pseudogene), puta	1,978	1,419E-40
TcCLB.509551.30	mitochondrial phosphate transporter, putative	1,975	1,391E-64
TcCLB.507895.124	hypothetical protein, conserved	1,971	1,312E-136
TcCLB.507967.20	hypothetical protein, conserved	1,97	1,857E-49
TcCLB.508211.60	hypothetical protein, conserved	1,965	5,351E-52
TcCLB.510655.120	aminopeptidase P, putative	1,962	4,194E-78
TcCLB.503975.60	hypothetical protein	1,956	3,269E-75
TcCLB.510065.5	hypothetical protein, conserved (fragment)	1,952	4,007E-38
TcCLB.511707.10	hypothetical protein	1,951	1,966E-28
TcCLB.504427.75	hypothetical protein, conserved (pseudogene)	1,95	1,681E-35
TcCLB.506001.90	retrotransposon hot spot (RHS) protein, putative	1,946	1,251E-71
TcCLB.511237.30	proline oxidase (pseudogene), putative	1,946	1,908E-59
TcCLB.506811.190	UDP-galactose 4-epimerase (GalE)	1,945	1,075E-99
TcCLB.508003.10	retrotransposon hot spot (RHS) protein, putative	1,945	1,677E-51
TcCLB.508837.90	hypothetical protein, conserved	1,944	1,061E-63
TcCLB.511691.10	cystathionine beta-synthase (CBS)	1,941	9,033E-27

TcCLB.503823.40	glycosyl hydrolase-like protein, putative	1,94	6,186E-98
TcCLB.503959.78	hypothetical protein, conserved	1,939	8,939E-81
TcCLB.509429.280	hypothetical protein	1,939	2,074E-77
TcCLB.507625.10	retrotransposon hot spot (RHS) protein, putative	1,935	1,468E-60
TcCLB.506999.60	hypothetical protein, conserved	1,933	6,541E-55
TcCLB.510149.80	ABC transporter, putative	1,929	2,633E-136
TcCLB.504933.30	hypothetical protein	1,929	1,208E-127
TcCLB.510605.19	hypothetical protein, conserved	1,929	8,504E-111
TcCLB.510573.10	actin 2, putative (fragment)	1,928	3,296E-89
TcCLB.508851.120	ADP-ribosylation factor GTPase activating protein, putative	1,928	2,004E-63
TcCLB.509363.20	retrotransposon hot spot protein (RHS, pseudogene), putative	1,928	2,013E-06
TcCLB.507167.20	retrotransposon hot spot (RHS) protein, putative	1,927	1,884E-121
TcCLB.509875.50	beta galactofuranosyl glycosyltransferase, putative	1,926	1,708E-16
TcCLB.508401.20	retrotransposon hot spot (RHS) protein, putative	1,925	1,379E-77
TcCLB.458015.4	hypothetical protein, conserved	1,925	3,618E-45
TcCLB.508567.40	hypothetical protein, conserved	1,924	6,433E-66
TcCLB.508541.160	hypothetical protein, conserved	1,924	4,598E-25
TcCLB.503613.40	pterin-4-alpha-carbinolamine dehydratase, putative	1,922	1,039E-60
TcCLB.506585.70	p450 reductase, putative	1,92	1,257E-126
TcCLB.510359.340	phospholipid:diacylglycerol acyltransferase, putative	1,919	5,037E-87
TcCLB.511461.60	NADH-dependent fumarate reductase (pseudogene), putative	1,917	9,854E-107
TcCLB.503845.30	retrotransposon hot spot protein (RHS, pseudogene), putative	1,917	2,201E-62
TcCLB.510889.221	glucose-6-phosphate isomerase, glycosomal, putative	1,917	1,149E-61
TcCLB.507081.110	aminopeptidase P1, putative	1,917	1,442E-58
TcCLB.506549.9	dispersed gene family protein 1 (DGF-1), putative (fragment)	1,916	1,658E-39
TcCLB.419637.9	dispersed gene family protein 1 (DGF-1), putative	1,913	0,0004567
TcCLB.510347.20	hypothetical protein, conserved	1,912	1,602E-65
TcCLB.506563.120	hypothetical protein, conserved	1,911	3,701E-57
TcCLB.510571.39	actin 2, putative (fragment)	1,91	2,859E-47
TcCLB.511011.10	retrotransposon hot spot (RHS) protein, putative	1,908	1,465E-59
TcCLB.504421.19	hypothetical protein, conserved	1,906	6,793E-76
TcCLB.510299.20	hypothetical protein, conserved	1,906	2,464E-34
TcCLB.430539.10	hypothetical protein, conserved (fragment)	1,905	4,771E-14
TcCLB.510669.40	hypothetical protein	1,903	4,956E-74
TcCLB.507519.150	Adenine phosphoribosyltransferase, putative	1,903	3,554E-59
TcCLB.506567.70	NAD(P)-dependent oxidoreductase, putative	1,901	7,715E-83
TcCLB.510751.4	aminopeptidase P, putative	1,901	2,084E-71
TcCLB.508387.140	hypothetical protein, conserved	1,899	3,106E-56
TcCLB.508241.140	cystathionine beta-synthase, putative (CBS)	1,899	1,331E-36
TcCLB.503835.39	hypothetical protein, conserved	1,896	1,004E-52
TcCLB.511009.9	dispersed gene family protein 1 (DGF-1), putative (fragment)	1,896	4,138E-13
TcCLB.508507.40	hypothetical protein, conserved	1,892	5,518E-26
TcCLB.508297.50	short chain dehydrogenase, putative	1,891	6,353E-58
TcCLB.503975.50	hypothetical protein, conserved	1,889	1,443E-95
TcCLB.507167.200	beta galactofuranosyl glycosyltransferase, putative	1,888	3,205E-12

TcCLB.506303.80	hypothetical protein, conserved	1,884	3,183E-116
TcCLB.506989.220	hypothetical protein, conserved	1,884	5,121E-52
TcCLB.508569.70	hypothetical protein, conserved	1,88	8,536E-80
TcCLB.509259.50	retrotransposon hot spot protein (RHS, pseudogene), puta	1,88	8,112E-46
TcCLB.442383.19	hypothetical protein	1,877	1,818E-39
TcCLB.510819.119	zinc finger (CCCH type) protein, putative	1,876	8,11E-70
TcCLB.510127.79	actin 3, putative (fragment)	1,876	4,581E-62
TcCLB.511911.94	hypothetical protein, conserved	1,873	2,045E-76
TcCLB.509245.29	hypothetical protein, conserved	1,872	1,098E-27
TcCLB.506773.140	DNA ligase, putative	1,87	6,068E-57
TcCLB.511039.30	hypothetical protein, conserved	1,87	6,633E-41
TcCLB.510667.140	ribulose-phosphate 3-epimerase, putative	1,87	1,294E-39
TcCLB.506793.40	UDP-glucuronic acid/UDP-N-acetylgalactosamine transpo	1,869	2,669E-39
TcCLB.505615.20	lipase (pseudogene), putative	1,869	1,643E-08
TcCLB.509109.14	hypothetical protein, conserved (fragment)	1,868	1,189E-41
TcCLB.508149.10	dispersed gene family protein 1 (DGF-1), putative	1,868	1,174E-08
TcCLB.511071.50	3-hydroxy-3-methylglutaryl-CoA synthase, putative	1,867	5,74E-135
TcCLB.508601.119	ribose 5-phosphate isomerase, putative	1,864	3,062E-48
TcCLB.511229.50	S-adenosylhomocysteine hydrolase, putative	1,863	5,488E-64
TcCLB.511421.185	hypothetical protein, conserved	1,863	1,445E-34
TcCLB.503903.60	hypothetical protein, conserved	1,862	8,097E-79
TcCLB.509597.20	carbonic anhydrase-like protein, putative	1,861	3,123E-73
TcCLB.506381.10	retrotransposon hot spot protein (RHS, pseudogene), puta	1,86	5,144E-32
TcCLB.511515.40	heat shock 70 kDa protein, mitochondrial precursor, putati	1,859	1,337E-89
TcCLB.402375.10	retrotransposon hot spot protein (RHS, pseudogene), puta	1,858	4,721E-66
TcCLB.508945.10	hypothetical protein, conserved	1,857	8,102E-47
TcCLB.509331.120	hypothetical protein, conserved	1,856	2,365E-60
TcCLB.507221.20	poly(A)-specific ribonuclease PARN, putative	1,854	7,5E-46
TcCLB.506421.10	retrotransposon hot spot (RHS) protein, putative	1,852	4,782E-92
TcCLB.506789.240	hypothetical protein, conserved	1,85	1,304E-43
TcCLB.508177.90	hypothetical protein, conserved	1,845	9,758E-86
TcCLB.510911.14	hypothetical protein, conserved	1,845	1,319E-55
TcCLB.503657.70	tyrosine phosphatase, putative	1,845	2,177E-34
TcCLB.508409.210	Hsc70-interacting protein, putative (HIP)	1,844	3,907E-139
TcCLB.510131.40	haloacid dehalogenase-like hydrolase, putative	1,842	1,105E-47
TcCLB.443403.9	retrotransposon hot spot (RHS) protein, putative	1,84	4,422E-39
TcCLB.508461.570	Gim5A protein, putative	1,838	2,239E-122
TcCLB.509721.60	poly(ADP-ribose) polymerase, putative	1,837	7,402E-74
TcCLB.503703.40	hypothetical protein, conserved	1,837	2,568E-42
TcCLB.503411.4	hypothetical protein, conserved	1,837	4,177E-13
TcCLB.509733.100	translation elongation factor 1-beta, putative	1,834	2,279E-164
TcCLB.508801.10	protein associated with differentiation 4, putative	1,834	1,753E-69
TcCLB.458759.14	hypothetical protein, conserved	1,834	1,711E-58
TcCLB.510541.9	dispersed gene family protein 1 (DGF-1), putative	1,833	0,00004621
TcCLB.509463.10	transmembrane amino acid transporter, putative	1,832	7,075E-75

TcCLB.508319.20	Present in the outer mitochondrial membrane proteome 1	1,832	2,325E-65
TcCLB.509903.5	retrotransposon hot spot (RHS) protein, putative (fragmer	1,83	6,305E-72
TcCLB.425969.9	cyclin-dependent kinases regulatory subunit, putative (P12	1,83	2,772E-24
TcCLB.507889.20	hypothetical protein, conserved	1,828	8,128E-33
TcCLB.510879.160	tyrosine phosphatase, putative	1,827	5,598E-106
TcCLB.511627.130	hypothetical protein, conserved	1,827	1,505E-56
TcCLB.510857.4	hypothetical protein, conserved	1,824	2,48E-63
TcCLB.510611.20	UDP-glucuronic acid/UDP-N-acetylgalactosamine transpo	1,822	2,434E-28
TcCLB.508221.87	retrotransposon hot spot protein (RHS, pseudogene), puta	1,82	9,643E-12
TcCLB.511007.10	dispersed gene family protein 1 (DGF-1), putative	1,819	8,423E-22
TcCLB.509965.429	hypothetical protein, conserved	1,818	1,032E-07
TcCLB.508425.10	dispersed gene family protein 1 (DGF-1), putative	1,817	3,152E-11
TcCLB.509167.110	S-adenosylmethionine decarboxylase proenzyme, putative	1,816	7,502E-54
TcCLB.507641.250	hypothetical protein	1,816	3,898E-35
TcCLB.509791.100	hypothetical protein, conserved	1,815	7,271E-44
TcCLB.509963.40	dispersed gene family protein 1 (DGF-1), putative	1,808	9,167E-34
TcCLB.503925.3	hypothetical protein, conserved	1,807	2,048E-26
TcCLB.399997.10	retrotransposon hot spot (RHS) protein, putative	1,805	4,213E-44
TcCLB.503477.10	hypothetical protein, conserved	1,804	1,181E-41
TcCLB.506831.63	hypothetical protein, conserved	1,804	1,771E-41
TcCLB.511245.150	fatty acid elongase, putative	1,803	3,394E-42
TcCLB.511513.14	hypothetical protein, conserved	1,803	5,788E-15
TcCLB.508931.10	hypothetical protein	1,801	2,291E-47
TcCLB.508265.10	glutathione-S-transferase/glutaredoxin, putative	1,801	1,452E-36
TcCLB.511053.10	hypothetical protein, conserved	1,801	5,47E-34
TcCLB.509683.124	hypothetical protein, conserved	1,8	4,269E-85
TcCLB.509463.41	retrotransposon hot spot (RHS) protein, putative (fragmer	1,797	3,067E-59
TcCLB.510153.19	tricarboxylate carrier, putative	1,797	2,093E-29
TcCLB.509721.40	MIX protein, putative	1,796	1,972E-43
TcCLB.510847.20	beta galactofuranosyl glycosyltransferase, putative	1,796	5,688E-30
TcCLB.506047.20	retrotransposon hot spot (RHS) protein, putative	1,795	5,189E-45
TcCLB.511573.49	hypothetical protein	1,793	1,571E-60
TcCLB.509457.50	retrotransposon hot spot (RHS) protein, putative	1,793	1,017E-30
TcCLB.509877.40	hypothetical protein, conserved	1,792	7,348E-96
TcCLB.508931.40	hypothetical protein, conserved	1,791	4,879E-29
TcCLB.504207.5	hypothetical protein, conserved	1,791	2,229E-07
TcCLB.506109.29	dispersed gene family protein 1 (DGF-1), putative	1,79	1,223E-23
TcCLB.506751.116	elongation factor 1-gamma (EF-1-gamma, pseudogene),	1,789	0,00001895
TcCLB.507675.10	hypothetical protein, conserved	1,788	7,262E-110
TcCLB.511531.30	hypothetical protein, conserved	1,787	7,044E-17
TcCLB.506183.80	hypothetical protein	1,786	8,298E-06
TcCLB.506375.90	hypothetical protein, conserved	1,784	8,12E-43
TcCLB.508557.29	hypothetical protein, conserved	1,783	1,498E-74
TcCLB.506261.10	fatty acyl CoA synthetase 2, putative	1,783	3,471E-59
TcCLB.507687.30	retrotransposon hot spot protein (RHS, pseudogene), puta	1,783	1,796E-26



TcCLB.510571.30	actin 1, putative	1,781	5,808E-119
TcCLB.506633.90	folate/pteridine transporter, putative	1,781	2,718E-89
TcCLB.507053.40	hypothetical protein, conserved	1,778	8,279E-104
TcCLB.509237.10	mevalonate kinase, putative	1,779	2,757E-69
TcCLB.418185.21	retrotransposon hot spot protein (RHS, pseudogene), puta	1,777	6,138E-16
TcCLB.506905.50	cystathionine beta-synthase (CBS)	1,776	4,813E-113
TcCLB.506017.51	retrotransposon hot spot (RHS) protein, putative (fragmer	1,775	5,224E-94
TcCLB.506811.120	hypothetical protein, conserved	1,772	8,524E-80
TcCLB.507395.40	hypothetical protein	1,771	0,004052
TcCLB.506933.60	mitochondrial RNA binding protein, putative	1,768	4,909E-102
TcCLB.446325.9	retrotransposon hot spot (RHS) protein, putative (fragmer	1,766	8,016E-33
TcCLB.509397.9	dispersed gene family protein 1 (DGF-1), putative (fragme	1,766	2,512E-17
TcCLB.503887.40	hypothetical protein, conserved	1,765	2,959E-74
TcCLB.506605.59	adenosine 5'-monophosphoramidase, putative	1,762	3,75E-32
TcCLB.506521.9	dispersed gene family protein 1 (DGF-1), putative	1,762	3,567E-31
TcCLB.503605.20	retrotransposon hot spot (RHS) protein, putative	1,762	1,027E-19
TcCLB.508241.20	hypothetical protein, conserved	1,761	1,008E-79
TcCLB.504427.64	hypothetical protein, conserved	1,761	1,071E-35
TcCLB.506195.120	lysosomal alpha-mannosidase precursor, putative	1,761	1,217E-30
TcCLB.511837.90	protein kinase, putative	1,76	4,067E-54
TcCLB.508355.127	hypothetical protein, conserved	1,759	2,14E-61
TcCLB.507655.9	dispersed gene family protein 1 (DGF-1), putative	1,759	2,735E-10
TcCLB.508869.20	mucin-associated surface protein (MASP), putative	1,759	1,734E-06
TcCLB.509539.30	fatty acid elongase, putative	1,758	2,346E-17
TcCLB.507669.160	hypothetical protein, conserved	1,757	4,305E-108
TcCLB.506959.70	serine palmitoyltransferase, putative	1,756	3,379E-87
TcCLB.509859.10	hypothetical protein, conserved	1,754	3,883E-111
TcCLB.508177.110	cystathionine beta-synthase	1,754	7,092E-91
TcCLB.505201.9	retrotransposon hot spot (RHS) protein, putative	1,754	3,741E-29
TcCLB.504125.100	sugar transporter (pseudogene), putative	1,754	1,805E-20
TcCLB.510945.70	aspartate aminotransferase, mitochondrial, putative	1,753	5,996E-58
TcCLB.508641.240	hypothetical protein, conserved	1,753	3,414E-50
TcCLB.508285.50	retrotransposon hot spot protein (RHS, pseudogene), puta	1,753	1,492E-49
TcCLB.511277.490	hypothetical protein, conserved	1,752	1,111E-78
TcCLB.506175.100	hypothetical protein, conserved	1,749	5,481E-55
TcCLB.504153.120	hypothetical protein, conserved	1,748	1,628E-90
TcCLB.509959.90	retrotransposon hot spot protein (RHS, pseudogene), puta	1,748	2,539E-37
TcCLB.509715.30	cullin-like protein, putative	1,747	3,987E-48
TcCLB.507849.70	hypothetical protein	1,746	1,997E-77
TcCLB.507099.30	Ran-binding protein 1, putative	1,746	2,052E-65
TcCLB.511531.20	hypothetical protein, conserved	1,746	2,191E-32
TcCLB.511211.70	cytochrome c oxidase assembly protein (COX15)	1,745	1,218E-74
TcCLB.508387.120	glutaminyl cyclase, putative	1,744	6,937E-80
TcCLB.511693.40	hypothetical protein, conserved	1,744	6,025E-79
TcCLB.509319.90	trypanothione synthetase (TRYS)	1,743	2,056E-45

TcCLB.509431.10	hypothetical protein, conserved (pseudogene)	1,743	1,304E-39
TcCLB.509937.20	hypothetical protein, conserved	1,74	1,028E-100
TcCLB.486465.9	cysteine peptidase, Clan CA, family C51, putative	1,739	7,04E-11
TcCLB.507923.10	L-threonine 3-dehydrogenase, putative	1,737	3,366E-105
TcCLB.504427.60	hypothetical protein, conserved	1,737	3,742E-28
TcCLB.509109.130	protein tyrosine phosphatase-like protein, putative	1,736	3,442E-36
TcCLB.432677.20	heat shock 70 kDa protein, mitochondrial precursor, putative	1,733	6,856E-108
TcCLB.506425.50	hypothetical protein, conserved	1,733	1,577E-54
TcCLB.509437.70	hypothetical protein, conserved	1,731	5,676E-95
TcCLB.504427.70	3-oxo-5-alpha-steroid 4-dehydrogenase, putative	1,728	1,466E-40
TcCLB.511277.175	ribosomal protein S27, putative	1,727	3,254E-72
TcCLB.504427.110	acetyl-CoA synthetase, putative	1,727	9,984E-51
TcCLB.510361.160	retrotransposon hot spot protein (RHS, pseudogene), putative	1,727	1,208E-18
TcCLB.476421.9	protein kinase, putative	1,726	1,424E-38
TcCLB.506753.150	hypothetical protein, conserved	1,724	9,114E-31
TcCLB.511907.260	cell division cycle protein 20, putative (CDC20)	1,723	1,323E-79
TcCLB.511753.120	L-threonine 3-dehydrogenase, putative	1,721	3,053E-128
TcCLB.504313.30	dispersed gene family protein 1 (DGF-1), putative	1,721	1,009E-32
TcCLB.509223.10	dispersed gene family protein 1 (DGF-1, pseudogene), putative	1,721	4,832E-31
TcCLB.511773.90	retrotransposon hot spot protein (RHS, pseudogene), putative	1,72	1,54E-53
TcCLB.511655.30	hypothetical protein	1,719	2,424E-86
TcCLB.507017.40	2-hydroxy-3-oxopropionate reductase, putative	1,718	2,534E-76
TcCLB.510445.50	S-adenosylmethionine synthetase, putative (METK1)	1,717	6,831E-80
TcCLB.507031.140	hypothetical protein, conserved (pseudogene)	1,716	1,38E-36
TcCLB.509231.10	cytochrome P450, putative	1,715	3,568E-67
TcCLB.506721.50	hypothetical protein	1,714	4,456E-14
TcCLB.508177.70	hypothetical protein	1,712	3,783E-74
TcCLB.510595.4	hypothetical protein, conserved	1,712	3,58E-16
TcCLB.509329.9	retrotransposon hot spot (RHS) protein, putative	1,711	2,983E-23
TcCLB.506465.14	hypothetical protein, conserved	1,706	2,48E-48
TcCLB.508451.30	retrotransposon hot spot protein (RHS, pseudogene), putative	1,706	4,434E-17
TcCLB.510801.10	calpain-like cysteine peptidase, putative (fragment)	1,704	3,049E-21
TcCLB.511555.80	ribonucleoside-diphosphate reductase small chain, putative	1,703	4,741E-33
TcCLB.507603.260	cysteine peptidase, putative	1,703	0,00003611
TcCLB.510879.180	hypothetical protein	1,702	3,019E-33
TcCLB.503811.60	Elongation factor Ts, mitochondrial, putative (EF-Ts)	1,701	1,229E-64
TcCLB.507059.80	glutamine-dependent carbamoyl-phosphate synthetase, putative	1,701	2,631E-56
TcCLB.509505.30	10 kDa heat shock protein, putative	1,701	1,133E-16
TcCLB.507569.10	hypothetical protein, conserved	1,699	2,815E-42
TcCLB.510633.9	dispersed gene family protein 1 (DGF-1), putative (fragment)	1,699	6,408E-12
TcCLB.505047.9	dispersed gene family protein 1 (DGF-1), putative	1,699	1,16E-09
TcCLB.511647.4	glutamine-dependent carbamoyl-phosphate synthetase, putative	1,698	1,297E-51
TcCLB.510543.60	retrotransposon hot spot protein (RHS, pseudogene), putative	1,697	1,061E-41
TcCLB.511475.24	dispersed gene family protein 1 (DGF-1), putative (fragment)	1,697	2,52E-16
TcCLB.511391.160	cytochrome c1, heme protein, mitochondrial, putative (CYC1)	1,696	3,047E-105

TcCLB.510861.125	hypothetical protein, conserved	1,693	1,04E-47
TcCLB.507009.10	Gim5A protein, putative	1,693	2,799E-41
TcCLB.506925.14	hypothetical protein, conserved	1,692	5,702E-84
TcCLB.504131.180	ATPase subunit 9, putative	1,691	1,09E-72
TcCLB.507473.40	retrotransposon hot spot protein (RHS, pseudogene), puta	1,691	1,352E-50
TcCLB.506835.159	casein kinase 1 isoform 2, putative (fragment)	1,688	1,519E-16
TcCLB.508461.84	hypothetical protein	1,686	1,28E-42
TcCLB.507777.20	hypothetical protein, conserved	1,685	3,11E-26
TcCLB.506811.20	hypothetical protein, conserved	1,684	8,529E-39
TcCLB.506675.110	retrotransposon hot spot (RHS) protein, putative	1,684	2,896E-32
TcCLB.509457.60	retrotransposon hot spot (RHS) protein, putative	1,682	3,932E-19
TcCLB.508177.120	cystathionine beta-synthase (CBS)	1,681	1,134E-88
TcCLB.510079.49	dispersed gene family protein 1 (DGF-1), putative (fragme	1,679	3,415E-16
TcCLB.511277.210	peroxisomal enoyl-coa hydratase, putative	1,677	1,739E-88
TcCLB.510301.80	N-acetyltransferase subunit Nat1, putative	1,677	1,732E-53
TcCLB.509331.80	hypothetical protein, conserved	1,677	1,046E-29
TcCLB.507091.50	aspartate carbamoyltransferase, putative	1,676	3,572E-46
TcCLB.509725.80	retrotransposon hot spot protein (RHS, pseudogene), puta	1,675	8,408E-100
TcCLB.511817.20	hypothetical protein, conserved	1,674	7,608E-54
TcCLB.507517.80	hypothetical protein, conserved	1,674	1,069E-33
TcCLB.506469.10	hypothetical protein, conserved	1,674	1,552E-32
TcCLB.505807.110	alkyl-dihydroxyacetone phosphate synthase, putative	1,672	4,197E-116
TcCLB.510989.30	guanin nucleotide-binding protein, putative	1,672	1,616E-37
TcCLB.510445.10	casein kinase 1 isoform 2, putative	1,672	3,014E-23
TcCLB.511217.145	ribosomal protein L39, putative	1,671	1,526E-69
TcCLB.507225.19	hypothetical protein	1,671	1,214E-50
TcCLB.503991.20	Xaa-Pro aminopeptidase, putative	1,67	1,136E-55
TcCLB.509885.80	hypothetical protein, conserved	1,67	7,371E-15
TcCLB.507167.169	dispersed gene family protein 1 (DGF-1), putative	1,669	1,312E-17
TcCLB.507555.80	retrotransposon hot spot (RHS) protein, putative	1,666	9,462E-75
TcCLB.504797.70	DNA excision/repair protein SNF2, putative	1,665	5,713E-87
TcCLB.509917.19	retrotransposon hot spot (RHS) protein, putative (fragmer	1,662	3,472E-70
TcCLB.509167.150	homoserine kinase, putative	1,662	5,853E-50
TcCLB.507485.20	hypothetical protein, conserved	1,661	4,951E-34
TcCLB.507611.50	hypothetical protein, conserved	1,66	0,00007973
TcCLB.506949.50	cytochrome c, putative	1,659	8,625E-55
TcCLB.457251.10	3-oxo-5-alpha-steroid 4-dehydrogenase, putative (fragme	1,658	7,796E-46
TcCLB.509831.36	guide RNA-binding protein of 21 kDa (gBP21)	1,657	5,765E-66
TcCLB.510283.70	glycosyl hydrolase-like protein, putative	1,657	4,824E-53
TcCLB.511745.10	heat shock 70 kDa protein, mitochondrial precursor, putati	1,655	3,01E-68
TcCLB.507691.20	dispersed gene family protein 1 (DGF-1), putative	1,655	7,193E-36
TcCLB.511077.20	beta galactofuranosyl glycosyltransferase (pseudogene), p	1,655	1,468E-06
TcCLB.507631.20	hypothetical protein, conserved	1,654	4,716E-39
TcCLB.503923.40	hypothetical protein, conserved	1,654	7,945E-13
TcCLB.507105.100	retrotransposon hot spot protein (RHS, pseudogene), puta	1,652	3,394E-77

TcCLB.508831.110	serine/threonine kinase, putative	1,652	7,102E-35
TcCLB.511589.200	S-adenosylhomocysteine hydrolase, putative	1,651	2,144E-44
TcCLB.511025.90	hypothetical protein, conserved	1,65	1,075E-32
TcCLB.505919.70	glycine dehydrogenase [decarboxylating] (pseudogene), p	1,65	5,234E-20
TcCLB.504425.100	hypothetical protein, conserved	1,649	2,032E-28
TcCLB.483389.10	retrotransposon hot spot protein (RHS, pseudogene), puta	1,648	1,568E-54
TcCLB.503965.20	hypothetical protein, conserved	1,648	3,691E-53
TcCLB.510181.20	delta-4 fatty acid desaturase, putative	1,648	8,343E-25
TcCLB.503893.30	hypothetical protein, conserved	1,644	2,907E-39
TcCLB.507875.110	retrotransposon hot spot protein (RHS, pseudogene), puta	1,644	5,069E-32
TcCLB.509717.90	short chain 3-hydroxyacyl-CoA dehydrogenase, putative	1,642	1,263E-79
TcCLB.459199.10	retrotransposon hot spot (RHS) protein, putative	1,641	7,656E-94
TcCLB.511179.100	monothiol glutaredoxin, putative	1,641	2,487E-39
TcCLB.506635.80	Hydroxymethylglutaryl-CoA lyase, mitochondrial, putative	1,639	1,599E-46
TcCLB.511635.40	protein tyrosine phosphatase, putative	1,638	3,973E-81
TcCLB.509185.10	retrotransposon hot spot protein (RHS, pseudogene), puta	1,637	0,0001164
TcCLB.506945.160	S-adenosylmethionine synthetase, putative (METK1)	1,636	1,402E-87
TcCLB.507687.20	dispersed gene family protein 1 (DGF-1), putative	1,636	3,037E-13
TcCLB.509601.90	alanine racemase, putative	1,635	3,926E-53
TcCLB.509733.60	hypothetical protein	1,633	2,738E-36
TcCLB.506577.120	sterol C-24 reductase, putative	1,632	7,875E-33
TcCLB.507167.110	retrotransposon hot spot protein (RHS, pseudogene), puta	1,63	6,781E-42
TcCLB.509615.2	endosomal integral membrane protein (pseudogene), put	1,63	2,199E-29
TcCLB.507653.50	retrotransposon hot spot protein (RHS, pseudogene), puta	1,63	1,458E-22
TcCLB.508461.360	hypothetical protein, conserved	1,629	2,038E-63
TcCLB.508669.10	hypothetical protein, conserved	1,627	3,123E-30
TcCLB.506661.10	fatty acid elongase, putative	1,626	4,331E-27
TcCLB.507041.10	hypothetical protein, conserved	1,625	4,168E-56
TcCLB.507757.30	hypothetical protein, conserved	1,625	1,661E-33
TcCLB.509163.80	glycine dehydrogenase [decarboxylating], putative	1,625	2,356E-14
TcCLB.507007.108	amino acid transporter, putative	1,624	2,798E-39
TcCLB.504177.10	fatty acyl CoA synthetase 2, putative	1,624	2,92E-30
TcCLB.509229.80	mitochondrial processing peptidase alpha subunit, putativ	1,623	2,424E-78
TcCLB.507485.40	hypothetical protein, conserved	1,622	1,012E-58
TcCLB.505975.30	beta galactofuranosyl glycosyltransferase (pseudogene), †	1,622	9,104E-17
TcCLB.506835.70	PAS-domain containing phosphoglycerate kinase, putative	1,62	4,38E-59
TcCLB.507609.40	delta-4 fatty acid desaturase, putative	1,62	4,768E-22
TcCLB.506925.380	hypothetical protein	1,619	5,738E-36
TcCLB.511529.80	kinetoplast-associated protein 3 (KAP3)	1,618	2,869E-45
TcCLB.508827.10	membrane-bound acid phosphatase, putative	1,618	5,234E-34
TcCLB.510515.30	hypothetical protein, conserved	1,617	8,339E-63
TcCLB.507715.10	cysteine peptidase, Clan CA, family C51, putative	1,617	1,506E-54
TcCLB.511613.189	mucin TcMUCII, putative	1,617	0,00008789
TcCLB.510065.10	hypothetical protein, conserved	1,616	3,286E-70
TcCLB.511233.80	calmodulin, putative	1,616	3,591E-43

TcCLB.508937.10	dispersed gene family protein 1 (DGF-1, pseudogene), putative	1,616	2,861E-11
TcCLB.510039.64	hypothetical protein, conserved	1,615	1,816E-39
TcCLB.507293.20	dispersed gene family protein 1 (DGF-1, pseudogene), putative	1,614	9,247E-25
TcCLB.506325.36	N-acetyltransferase complex ARD1 subunit (pseudogene), putative	1,613	7,312E-07
TcCLB.510355.150	retrotransposon hot spot protein (RHS, pseudogene), putative	1,612	1,02E-40
TcCLB.506183.109	dispersed gene family protein 1 (DGF-1, pseudogene), putative	1,612	0,01559
TcCLB.504165.10	hypothetical protein, conserved	1,611	1,481E-37
TcCLB.510593.49	kinetoplast DNA-associated protein, putative	1,608	7,841E-58
TcCLB.510359.350	hypothetical protein, conserved	1,607	6,969E-74
TcCLB.509205.60	hypothetical protein, conserved	1,607	3,264E-61
TcCLB.503849.60	NADH-dependent fumarate reductase, putative	1,606	6,089E-49
TcCLB.507465.10	receptor-type adenylate cyclase, putative (fragment)	1,606	2,378E-12
TcCLB.508277.220	hypothetical protein	1,605	6,61E-107
TcCLB.503597.10	homoserine kinase, putative	1,605	1,211E-48
TcCLB.509259.120	retrotransposon hot spot (RHS) protein, putative	1,605	2,754E-29
TcCLB.507159.80	hypothetical protein, conserved	1,603	3,614E-61
TcCLB.507499.30	retrotransposon hot spot protein (RHS, pseudogene), putative	1,601	2,032E-30
TcCLB.507855.9	dispersed gene family protein 1 (DGF-1), putative (fragment)	1,601	7,31E-11
TcCLB.510355.10	dispersed gene family protein 1 (DGF-1), putative	1,600	4,596E-27
TcCLB.509289.39	hypothetical protein, conserved (pseudogene)	1,598	3,814E-26
TcCLB.504137.10	isoleucyl-tRNA synthetase, putative	1,597	4,165E-41
TcCLB.505945.69	hypothetical protein, conserved	1,595	5,303E-15
TcCLB.504041.10	hypothetical protein, conserved	1,594	1,783E-39
TcCLB.503607.4	retrotransposon hot spot (RHS) protein, putative	1,594	6,144E-38
TcCLB.506169.10	glycine dehydrogenase [decarboxylating] (pseudogene), putative	1,594	1,214E-13
TcCLB.508461.580	hypothetical protein	1,593	7,487E-70
TcCLB.509169.30	hypothetical protein, conserved	1,592	2,966E-32
TcCLB.507443.30	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, putative	1,592	3,107E-13
TcCLB.503815.10	alkyl-dihydroxyacetone phosphate synthase, putative	1,591	5,515E-101
TcCLB.508177.129	cystathionine beta-synthase, putative	1,591	5,302E-91
TcCLB.511025.80	hypothetical protein, conserved	1,591	3,055E-18
TcCLB.506625.60	inositol 5-phosphatase 1, putative	1,590	9,28E-80
TcCLB.506771.9	hypothetical protein, conserved	1,590	1,428E-43
TcCLB.503661.11	trans-sialidase, putative (fragment)	1,590	2,591E-23
TcCLB.506795.44	hypothetical protein, conserved	1,589	1,286E-55
TcCLB.504109.24	dynein light chain, putative	1,589	4,252E-24
TcCLB.509177.59	hypothetical protein, conserved	1,588	2,24E-31
TcCLB.508273.30	hypothetical protein, conserved	1,585	9,303E-44
TcCLB.511529.200	hypothetical protein, conserved	1,585	3,543E-42
TcCLB.509471.30	hypothetical protein, conserved	1,584	1,678E-31
TcCLB.507393.9	dispersed gene family protein 1 (DGF-1), putative	1,583	8,997E-27
TcCLB.511383.50	prohibitin, putative	1,582	3,893E-60
TcCLB.506779.90	hypothetical protein, conserved	1,581	8,813E-82
TcCLB.506537.180	retrotransposon hot spot protein (RHS, pseudogene), putative	1,581	1,944E-57
TcCLB.511051.59	hypothetical protein, conserved	1,580	5,222E-83

TcCLB.508621.10	protein kinase, putative	1,579	8,911E-57
TcCLB.510105.240	short chain 3-hydroxyacyl-CoA dehydrogenase, putative	1,579	1,447E-52
TcCLB.510859.10	nucleolar RNA-binding protein, putative	1,577	2,005E-84
TcCLB.436521.9	mevalonate kinase, putative (fragment)	1,577	1,038E-36
TcCLB.511671.80	serine/threonine kinase, putative	1,577	7,022E-26
TcCLB.511277.390	hypothetical protein, conserved	1,576	5,651E-66
TcCLB.509713.10	protein associated with differentiation 4, putative	1,575	1,485E-141
TcCLB.505945.90	folate/pteridine transporter, putative	1,575	2,017E-46
TcCLB.508153.700	hypothetical protein, conserved	1,575	4,067E-33
TcCLB.463155.20	retrotransposon hot spot (RHS) protein, putative	1,574	2,206E-85
TcCLB.508677.150	glycosyl transferase, putative	1,574	9,589E-84
TcCLB.507809.39	hypothetical protein, conserved	1,574	2,642E-29
TcCLB.507477.10	dispersed gene family protein 1 (DGF-1), putative	1,574	1,428E-24
TcCLB.506559.300	twinfilin, putative	1,573	2,949E-81
TcCLB.506163.50	hypothetical protein, conserved	1,572	3,92E-44
TcCLB.510083.10	retrotransposon hot spot protein (RHS, pseudogene), puta	1,572	2,519E-37
TcCLB.507093.44	dynein light chain, putative	1,571	1,446E-25
TcCLB.506823.20	retrotransposon hot spot protein (RHS, pseudogene), puta	1,571	4,476E-22
TcCLB.505807.220	ribosomal RNA adenine dimethylase family protein, putat	1,57	5,376E-48
TcCLB.508221.381	mucin-associated surface protein (MASP, pseudogene), pi	1,569	0,009171
TcCLB.509295.50	beta galactofuranosyl glycosyltransferase, putative	1,568	1,218E-14
TcCLB.503929.10	V-type ATPase, A subunit, putative	1,567	6,473E-75
TcCLB.511139.40	ATP-dependent RNA helicase SUB2, putative (fragment) (	1,567	1,497E-22
TcCLB.511727.190	hypothetical protein, conserved	1,566	2,334E-62
TcCLB.511573.30	hypothetical protein, conserved	1,566	2,457E-30
TcCLB.504025.10	hypothetical protein, conserved	1,565	1,329E-19
TcCLB.509237.130	Calpain-like protein 1 (CAP5.5)	1,564	8,836E-91
TcCLB.511047.40	NADH-cytochrome b5 reductase, putative	1,564	4,341E-69
TcCLB.506305.29	hypothetical protein, conserved	1,564	8,512E-48
TcCLB.504153.240	hypothetical protein, conserved	1,563	1,087E-38
TcCLB.507969.40	hypothetical protein, conserved	1,563	4,135E-33
TcCLB.511487.100	retrotransposon hot spot protein (RHS, pseudogene), puta	1,563	7,617E-22
TcCLB.507063.90	mitochondrial DNA polymerase beta, putative	1,562	3,103E-62
TcCLB.506513.7	hypothetical protein, conserved	1,561	6,849E-40
TcCLB.506459.40	dispersed gene family protein 1 (DGF-1, pseudogene), put	1,561	0,00006351
TcCLB.509177.50	hypothetical protein, conserved	1,56	2,526E-41
TcCLB.428999.30	hypothetical protein	1,56	3,195E-36
TcCLB.510091.110	mitochondrial RNA binding complex 1 subunit, putative	1,56	6,277E-36
TcCLB.507411.20	retrotransposon hot spot (RHS) protein, putative	1,56	2,063E-11
TcCLB.508661.10	Eukaryotic translation initiation factor 4E type 5, putative	1,557	1,1E-41
TcCLB.508045.131	retrotransposon hot spot protein (RHS, pseudogene), puta	1,556	4,497E-10
TcCLB.503831.40	mitochondrial DNA primase, putative	1,555	1,986E-45
TcCLB.510669.5	ribulose-phosphate 3-epimerase, putative (fragment)	1,555	2,164E-07
TcCLB.506175.25	hypothetical protein	1,553	3,648E-43
TcCLB.509809.10	NADH-ubiquinone oxidoreductase complex I subunit, putat	1,553	1,465E-39

TcCLB.508601.50	NADH dehydrogenase subunit NB6M, putative	1,553	3,786E-27
TcCLB.506865.50	Present in the outer mitochondrial membrane proteome 4	1,553	4,647E-25
TcCLB.507569.4	electron transport protein SCO1/SCO2, putative	1,552	1,94E-30
TcCLB.504109.200	retrotransposon hot spot (RHS) protein, putative	1,551	9,462E-54
TcCLB.510359.270	mitochondrial RNA-binding protein 2, putative	1,55	6,469E-41
TcCLB.509717.20	dihydrolipoamide acetyltransferase precursor, putative	1,549	4,45E-77
TcCLB.510729.210	hypothetical protein, conserved	1,549	7,896E-58
TcCLB.507739.100	hypothetical protein	1,549	1,976E-27
TcCLB.504557.10	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, p	1,549	3,383E-25
TcCLB.506129.60	beta galactofuranosyl glycosyltransferase, putative	1,549	2,015E-10
TcCLB.506779.140	hypothetical protein, conserved	1,548	1,565E-62
TcCLB.509601.70	vacuolar proton translocating ATPase subunit A, putative (	1,548	1,592E-58
TcCLB.508257.30	hypothetical protein, conserved	1,547	4,028E-32
TcCLB.506795.80	proline racemase	1,547	2,246E-31
TcCLB.511621.9	hypothetical protein, conserved	1,547	1,061E-29
TcCLB.507029.30	heat shock 70 kDa protein, mitochondrial precursor, putati	1,546	2,098E-61
TcCLB.507929.10	kinesin, putative (fragment)	1,546	9,062E-34
TcCLB.508071.90	retrotransposon hot spot (RHS) protein, putative	1,545	1,514E-42
TcCLB.510479.20	dispersed gene family protein 1 (DGF-1, pseudogene), put	1,545	5,763E-23
TcCLB.511301.44	hypothetical protein, conserved	1,543	5,744E-32
TcCLB.510347.50	hypothetical protein, conserved	1,542	6,44E-43
TcCLB.510421.110	hypothetical protein	1,542	1,817E-36
TcCLB.511395.40	hypothetical protein	1,54	6,894E-76
TcCLB.506623.40	retrotransposon hot spot protein (RHS, pseudogene), puta	1,539	9,344E-39
TcCLB.506925.360	hypothetical protein	1,539	3,567E-33
TcCLB.511155.10	hypothetical protein, conserved (pseudogene)	1,538	5,59E-24
TcCLB.508387.170	double-strand-break repair protein rad21 homolog, putati	1,537	3,307E-50
TcCLB.509153.20	hypothetical protein, conserved	1,537	8,786E-25
TcCLB.510359.300	hypothetical protein, conserved	1,536	5,358E-61
TcCLB.511395.70	hypothetical protein, conserved	1,535	9,725E-34
TcCLB.506025.4	membrane-bound acid phosphatase, putative (fragment)	1,535	2,551E-29
TcCLB.504111.40	hypothetical protein, conserved	1,533	3,367E-31
TcCLB.506943.4	aldehyde dehydrogenase, putative	1,532	9,061E-73
TcCLB.510643.140	60S acidic ribosomal protein P2, putative	1,532	1,215E-63
TcCLB.510687.60	hypothetical protein, conserved	1,532	2,305E-59
TcCLB.503995.50	serine peptidase, clan SC, family S9A-like protein (OPB)	1,531	3,624E-49
TcCLB.506295.160	2-oxoisovalerate dehydrogenase beta subunit, mitochondri	1,531	1,039E-41
TcCLB.509229.60	hypothetical protein, conserved	1,531	1,128E-19
TcCLB.509427.30	dispersed gene family protein 1 (DGF-1, pseudogene), put	1,53	6,758E-08
TcCLB.511817.260	hypothetical protein, conserved	1,529	7,497E-60
TcCLB.509725.139	damage-specific DNA binding protein, putative	1,528	1,235E-29
TcCLB.511815.40	guide RNA associated protein, GAP2, putative	1,526	1,298E-103
TcCLB.506147.60	3-demethylubiquinone-9 3-methyltransferase, putative	1,525	1,272E-30
TcCLB.504071.30	hypothetical protein, conserved	1,524	2,157E-97
TcCLB.511475.50	dispersed gene family protein 1 (DGF-1), putative	1,524	7,258E-16

TcCLB.506649.50	cytochrome c oxidase assembly factor, putative	1,523	1,7E-45
TcCLB.509717.176	retrotransposon hot spot (RHS) protein, putative (fragmer	1,523	8,019E-10
TcCLB.506003.10	retrotransposon hot spot protein (RHS, pseudogene), puta	1,523	2,688E-08
TcCLB.432677.10	heat shock 70 kDa protein, mitochondrial precursor (pseuc	1,521	2,364E-54
TcCLB.510507.40	transmembrane amino acid transporter, putative	1,521	1,442E-46
TcCLB.509029.100	hypothetical protein, conserved	1,521	3,916E-33
TcCLB.507991.129	cyclophilin, putative	1,521	4,471E-25
TcCLB.506401.110	protein kinase, putative	1,52	6,121E-82
TcCLB.505163.70	Selenoprotein T, putative (SelT)	1,52	5,349E-56
TcCLB.511589.180	hypothetical protein, conserved	1,52	4,011E-39
TcCLB.503903.79	hypothetical protein	1,52	2,245E-24
TcCLB.504069.70	vacuolar ATP synthase, putative	1,519	1,104E-74
TcCLB.506775.90	PIF1 helicase-like protein, putative	1,519	1,196E-70
TcCLB.509153.90	dihydrofolate reductase-thymidylate synthase	1,519	2,538E-68
TcCLB.509045.29	kinesin, putative	1,518	8,281E-22
TcCLB.426799.9	hypothetical protein, conserved (fragment)	1,518	1,825E-11
TcCLB.503841.10	proteasome activator protein pa26, putative	1,517	5,343E-32
TcCLB.507625.60	dispersed gene family protein 1 (DGF-1, pseudogene), put	1,517	9,965E-25
TcCLB.506147.190	hypothetical protein, conserved	1,516	1,177E-41
TcCLB.510759.140	hypothetical protein, conserved	1,515	1,383E-41
TcCLB.503683.11	RNA-binding protein, putative	1,515	2,996E-12
TcCLB.509611.30	hypothetical protein	1,514	1,059E-37
TcCLB.505999.4	hypothetical protein, conserved	1,513	2,099E-20
TcCLB.505945.10	DNA repair and recombination helicase protein PIF5, puta	1,511	3,166E-56
TcCLB.509337.5	hypothetical protein, conserved (pseudogene)	1,511	2,038E-36
TcCLB.511909.60	hypothetical protein, conserved	1,51	3,207E-29
TcCLB.509237.90	hypothetical protein, conserved	1,51	3,414E-21
TcCLB.508799.240	aminopeptidase, putative	1,509	1,352E-59
TcCLB.503829.80	hypothetical potein, conserved	1,508	9,812E-66
TcCLB.508317.30	hypothetical protein	1,508	1,739E-49
TcCLB.506777.50	cell cycle sequence binding phosphoprotein (RBP45), puta	1,508	6,814E-45
TcCLB.508333.9	dispersed gene family protein 1 (DGF-1), putative (fragme	1,508	3,404E-06
TcCLB.503939.114	hypothetical protein, conserved	1,506	3,945E-28
TcCLB.426071.10	dispersed gene family protein 1 (DGF-1), putative (fragme	1,506	2,88E-08
TcCLB.510133.9	dispersed gene family protein 1 (DGF-1), putative (fragme	1,506	1,325E-06
TcCLB.511625.74	hypothetical protein, conserved	1,505	1,144E-44
TcCLB.508641.200	hypothetical protein, conserved	1,505	1,023E-34
TcCLB.510453.9	dispersed gene family protein 1 (DGF-1), putative	1,505	5,358E-06
TcCLB.507611.10	retrotransposon hot spot (RHS) protein, putative	1,504	1,165E-60
TcCLB.504161.20	hypothetical protein, conserved	1,504	8,344E-54
TcCLB.503599.60	hypothetical protein, conserved	1,504	7,514E-24
TcCLB.506675.70	dispersed gene family protein 1 (DGF-1), putative	1,504	1,027E-15
TcCLB.510101.90	hypothetical protein, conserved	1,503	5,65E-79
TcCLB.510723.29	1-acyl-sn-glycerol-3-phosphate acyltransferase, putative (	1,503	1,418E-36
TcCLB.506405.43	hypothetical protein, conserved	1,503	2,176E-29



TcCLB.508023.140	dispersed gene family protein 1 (DGF-1), putative	1,503	5,723E-21
TcCLB.508369.20	squalene synthase, putative	1,501	4,493E-98
TcCLB.509047.10	hypothetical protein	1,501	4,621E-38
TcCLB.511827.64	hypothetical protein, conserved	1,5	3,027E-45
TcCLB.444777.10	drug resistance protein, putative	1,5	8,332E-12
TcCLB.511261.20	chaperone DNAJ protein, putative	1,499	1,419E-44
TcCLB.508257.70	phosphomannomutase-like protein, putative	1,498	5,864E-40
TcCLB.505757.20	transcriptional regulator, putative	1,498	6,421E-26
TcCLB.508043.20	metallo-beta-lactamase-like protein, putative	1,495	5,471E-44
TcCLB.508799.230	hypothetical protein, conserved	1,495	3,454E-40
TcCLB.506405.120	V-type ATPase, A subunit, putative	1,494	1,998E-98
TcCLB.507167.240	retrotransposon hot spot (RHS) protein, putative	1,493	3,301E-25
TcCLB.510347.29	hypothetical protein, conserved	1,493	2,042E-14
TcCLB.507659.20	amino acid transporter, putative	1,491	1,834E-103
TcCLB.508989.9	nucleoside phosphorylase, putative	1,491	1,164E-63
TcCLB.509649.20	hypothetical protein	1,49	8,171E-37
TcCLB.510307.60	retrotransposon hot spot protein (RHS, pseudogene), puta	1,489	7,849E-68
TcCLB.511733.10	aldehyde dehydrogenase, putative	1,488	2,591E-40
TcCLB.506337.50	hypothetical protein, conserved	1,487	6,925E-54
TcCLB.507221.60	oxidoreductase-like protein (pseudogene), putative	1,487	1,857E-29
TcCLB.508195.10	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, $\mu$	1,487	9,649E-25
TcCLB.506693.20	hypothetical protein, conserved	1,485	2,679E-35
TcCLB.504625.99	protein tyrosine phosphatase, putative (fragment)	1,485	1,376E-14
TcCLB.505207.30	retrotransposon hot spot (RHS) protein, putative	1,484	7,43E-46
TcCLB.506631.30	hypothetical protein, conserved	1,484	1,151E-43
TcCLB.507927.100	hypothetical protein	1,483	5,633E-55
TcCLB.508153.130	enoyl-CoA hydratase, mitochondrial precursor, putative	1,482	1,164E-48
TcCLB.506687.10	retrotransposon hot spot protein (RHS, pseudogene), puta	1,482	1,179E-35
TcCLB.507063.10	hypothetical protein	1,482	1,454E-30
TcCLB.503971.10	hypothetical protein, conserved	1,481	2,795E-68
TcCLB.506821.210	cytochrome-b5 reductase, putative	1,481	1,594E-51
TcCLB.504557.20	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, $\mu$	1,479	1,269E-24
TcCLB.509797.40	isoleucyl-tRNA synthetase, putative	1,478	1,071E-65
TcCLB.508975.10	acyl-CoA dehydrogenase, mitochondrial precursor, putativ	1,478	6,923E-54
TcCLB.510357.140	hypothetical protein, conserved	1,477	6,483E-21
TcCLB.507935.10	mucin-like glycoprotein (pseudogene), putative	1,477	0,0001097
TcCLB.506287.209	DNA ligase, putative	1,476	1,043E-39
TcCLB.510659.240	lactoylglutathione lyase-like protein, putative	1,476	2,907E-32
TcCLB.509715.90	UDP-glucose/GDP-mannose dehydrogenase family, NAD $\kappa$	1,476	8,63E-22
TcCLB.508219.140	retrotransposon hot spot protein (RHS, pseudogene), puta	1,476	3,042E-09
TcCLB.511417.70	histone-lysine N-methyltransferase, putative (DOT1B)	1,475	2,147E-45
TcCLB.504077.30	hypothetical protein, conserved	1,472	2,966E-32
TcCLB.510581.20	receptor-type adenylate cyclase, putative	1,47	5,27E-23
TcCLB.510509.50	mitochondrial RNA binding protein, putative	1,469	1,011E-34
TcCLB.511843.80	retrotransposon hot spot (RHS) protein, putative	1,469	2,968E-27

TcCLB.504741.140	esterase, putative	1,467	1,32E-26
TcCLB.508837.189	endoplasmic reticulum oxidoreductin, putative	1,466	1,695E-33
TcCLB.507001.110	galactokinase-like protein, putative	1,466	3,143E-32
TcCLB.504153.370	hypothetical protein	1,465	7,324E-44
TcCLB.506777.64	hypothetical protein, conserved	1,465	6,287E-25
TcCLB.504065.10	retrotransposon hot spot protein (RHS, pseudogene), puta	1,464	6,328E-36
TcCLB.482471.19	ATP-dependent RNA helicase SUB2, putative (fragment) (	1,464	5,329E-32
TcCLB.506195.210	hypothetical protein, conserved	1,463	5,385E-52
TcCLB.507681.210	Flagellar Member 2 (FLAM2)	1,461	1,008E-97
TcCLB.506223.40	hypothetical protein, conserved	1,461	1,674E-30
TcCLB.511005.10	retrotransposon hot spot (RHS) protein, putative (fragmer	1,461	1,648E-27
TcCLB.503843.20	hypothetical protein, conserved	1,46	1,182E-55
TcCLB.468405.9	dispersed gene family protein 1 (DGF-1), putative	1,46	0,000296
TcCLB.506469.148	hypothetical protein, conserved	1,459	1,239E-40
TcCLB.503499.20	hypothetical protein, conserved	1,459	1,099E-28
TcCLB.510091.80	pyruvate dehydrogenase E1 beta subunit, putative	1,458	6,413E-62
TcCLB.503721.39	heat shock 70 kDa protein, putative	1,458	5,562E-47
TcCLB.509911.74	hypothetical protein, conserved	1,458	5,377E-38
TcCLB.508609.10	surface protease GP63, putative	1,458	9,546E-34
TcCLB.506873.4	ATP-dependent DNA DEAD/DEAH box helicase, putative (f	1,457	6,412E-18
TcCLB.506945.20	PAS-domain containing phosphoglycerate kinase, putative	1,455	1,107E-49
TcCLB.511179.150	alanine racemase, putative	1,455	2,135E-27
TcCLB.506529.516	ATP synthase subunit, putative	1,455	1,692E-16
TcCLB.507695.14	dispersed gene family protein 1 (DGF-1), putative	1,454	0,00009188
TcCLB.508079.10	conserved protein	1,453	6,734E-65
TcCLB.507645.59	hypothetical protein, conserved	1,453	1,713E-16
TcCLB.511025.110	dihydrolipoyl dehydrogenase, putative (GCVL-2)	1,452	1,898E-46
TcCLB.504207.20	hypothetical protein, conserved	1,45	3,027E-65
TcCLB.503847.80	hypothetical protein, conserved	1,45	5,098E-34
TcCLB.504867.129	hypothetical protein, conserved	1,45	9,238E-30
TcCLB.508817.130	carbonic anhydrase-like protein, putative	1,449	3,677E-64
TcCLB.507821.70	dispersed gene family protein 1 (DGF-1, pseudogene), put	1,448	1,854E-13
TcCLB.508479.500	retrotransposon hot spot (RHS) protein, putative	1,447	9,347E-54
TcCLB.506779.20	hypothetical protein, conserved	1,447	2,689E-49
TcCLB.511641.10	hypothetical protein, conserved	1,447	1,997E-23
TcCLB.505401.19	dispersed gene family protein 1 (DGF-1), putative (fragme	1,447	5,515E-14
TcCLB.511755.119	hypothetical protein, conserved (fragment)	1,446	4,732E-66
TcCLB.509875.170	pyruvate dehydrogenase (lipoamide) kinase, putative	1,446	6,471E-42
TcCLB.511151.80	hypothetical protein, conserved	1,446	1,485E-40
TcCLB.508569.80	phosphoacetylglucosamine mutase, putative	1,446	5,245E-35
TcCLB.505373.30	retrotransposon hot spot protein (RHS, pseudogene), puta	1,446	6,746E-18
TcCLB.511887.10	retrotransposon hot spot protein (RHS, pseudogene), puta	1,442	8,071E-20
TcCLB.510449.10	dispersed gene family protein 1 (DGF-1), putative	1,441	2,612E-13
TcCLB.511825.200	60S ribosomal protein L14, putative	1,44	5,255E-68
TcCLB.510121.160	DNA topoisomerase IA, putative	1,44	9,524E-53

TcCLB.508677.160	hypothetical protein, conserved	1,44	3,31E-38
TcCLB.510099.120	D-isomer specific 2-hydroxyacid dehydrogenase-protein, p	1,439	1,156E-117
TcCLB.509335.10	retrotransposon hot spot (RHS) protein, putative	1,439	1,127E-61
TcCLB.508027.110	pyroglutamyl-peptidase I, putative (PPI)	1,439	2,014E-37
TcCLB.510581.9	receptor-type adenylate cyclase, putative (fragment)	1,439	3,763E-21
TcCLB.507221.40	hypothetical protein	1,439	1,899E-20
TcCLB.508677.134	hypothetical protein, conserved	1,438	4,758E-21
TcCLB.506537.299	retrotransposon hot spot (RHS) protein, putative	1,436	5,38E-57
TcCLB.507709.60	hypothetical protein, conserved	1,435	7,243E-55
TcCLB.508965.14	multidrug resistance protein E, putative (MRPE)	1,435	1,59E-48
TcCLB.509799.5	hypothetical protein, conserved	1,435	4,672E-31
TcCLB.506583.70	cytosolic factor SEC14, putative	1,435	5,288E-23
TcCLB.511431.54	hypothetical protein	1,435	1,027E-09
TcCLB.507089.240	hypothetical protein, conserved	1,434	2,496E-26
TcCLB.507143.80	hypothetical protein, conserved	1,433	2,706E-16
TcCLB.507093.69	hypothetical protein, conserved	1,432	9,746E-17
TcCLB.507565.10	dispersed gene family protein 1 (DGF-1, pseudogene), put	1,432	8,633E-09
TcCLB.509647.13	hypothetical protein, conserved (fragment)	1,431	1,446E-62
TcCLB.510759.120	rieske iron-sulfur protein, mitochondrial precursor, putativ	1,43	4,049E-63
TcCLB.503599.70	hypothetical protein, conserved	1,43	6,958E-25
TcCLB.503527.4	hypothetical protein, conserved (pseudogene)	1,429	9,501E-39
TcCLB.473633.9	dispersed gene family protein 1 (DGF-1), putative (fragm	1,429	4,199E-08
TcCLB.511827.30	hypothetical protein	1,428	2,412E-39
TcCLB.503505.20	MFS transporter, putative	1,428	2,615E-24
TcCLB.507023.70	hypothetical protein, conserved	1,428	9,026E-19
TcCLB.506925.310	hypothetical protein, conserved	1,427	1,97E-103
TcCLB.506247.310	hypothetical protein, conserved	1,427	3,492E-57
TcCLB.509067.70	pyrroline-5-carboxylate synthetase-like protein, putative	1,426	2,211E-45
TcCLB.510345.9	protein kinase, putative (fragment)	1,426	2,83E-12
TcCLB.506977.49	ribosomal protein L36, putative	1,425	2,404E-74
TcCLB.508375.89	fucose kinase, putative (fragment)	1,425	2,577E-07
TcCLB.511067.30	transketolase, putative	1,424	1,153E-56
TcCLB.506517.149	hypothetical protein, conserved	1,424	1,342E-34
TcCLB.507517.50	hypothetical protein	1,424	2,748E-19
TcCLB.506417.83	multidrug resistance-associated protein (pseudogene), pu	1,423	3,226E-36
TcCLB.507711.90	procyclic form surface phosphoprotein, putative	1,423	2,63E-31
TcCLB.510349.10	hypothetical protein, conserved	1,423	4,688E-25
TcCLB.506713.24	hypothetical protein, conserved	1,423	4,42E-13
TcCLB.508175.100	hypothetical protein	1,422	2,398E-41
TcCLB.511153.70	hypothetical protein, conserved	1,422	2,283E-33
TcCLB.509153.10	hypothetical protein, conserved	1,421	5,213E-60
TcCLB.508637.63	hypothetical protein, conserved	1,421	1,509E-42
TcCLB.506823.80	retrotransposon hot spot protein (RHS, pseudogene), puta	1,421	2,86E-21
TcCLB.511217.200	tyrosyl or methionyl-tRNA synthetase, putative	1,42	6,674E-34
TcCLB.508335.9	dispersed gene family protein 1 (DGF-1), putative	1,42	3,973E-11

TcCLB.507195.60	hypothetical protein	1,42	0,006706
TcCLB.509461.60	mitochondrial RNA binding protein, putative	1,419	2,995E-65
TcCLB.508637.140	hypothetical protein, conserved	1,419	1,646E-39
TcCLB.511809.10	hypothetical protein	1,419	3,679E-32
TcCLB.508417.29	dispersed gene family protein 1 (DGF-1), putative (fragment)	1,419	2,528E-19
TcCLB.507677.80	hypothetical protein, conserved	1,417	1,202E-10
TcCLB.511761.60	hypothetical protein, conserved	1,415	4,464E-24
TcCLB.508927.20	glycosomal transporter (GAT1), putative (GAT1)	1,414	3,97E-28
TcCLB.506683.180	dispersed gene family protein 1 (DGF-1), putative	1,414	1,518E-20
TcCLB.504137.50	hypothetical protein, conserved	1,413	1,137E-21
TcCLB.511523.100	aldehyde dehydrogenase, putative	1,412	3,595E-49
TcCLB.506147.100	hypothetical protein, conserved	1,412	1,159E-43
TcCLB.509159.10	ATP-dependent DNA DEAD/DEAH box helicase, putative (fragment)	1,412	7,261E-43
TcCLB.511471.120	retrotransposon hot spot protein (RHS, pseudogene), putative	1,412	1,02E-41
TcCLB.507009.70	hypothetical protein, conserved	1,412	4,665E-31
TcCLB.511573.40	Mitogen-activated protein kinase 10, putative (MPK10)	1,41	6,89E-40
TcCLB.509463.20	hypothetical protein, conserved	1,409	6,395E-33
TcCLB.506363.70	amidohydrolase, putative	1,409	1,011E-18
TcCLB.508373.10	glutamine dependent carbamoyl-phosphate synthase, putative	1,408	4,303E-43
TcCLB.508567.70	peptidyl-prolyl cis-trans isomerase (PIN1)	1,408	4,02E-36
TcCLB.510577.50	rhomboid-like protein, putative	1,407	2,096E-70
TcCLB.503939.110	hypothetical protein, conserved	1,407	4,523E-41
TcCLB.508461.10	Present in the outer mitochondrial membrane proteome (fragment)	1,407	1,534E-33
TcCLB.508319.40	ATP-dependent RNA helicase SUB2, putative (SUB2)	1,406	9,648E-68
TcCLB.507659.30	amino acid transporter, putative (fragment)	1,406	1,235E-64
TcCLB.510901.230	hypothetical protein, conserved	1,405	5,498E-35
TcCLB.507993.290	hypothetical protein, conserved	1,405	1,794E-26
TcCLB.506843.40	retrotransposon hot spot (RHS) protein, putative	1,403	7,85E-77
TcCLB.506053.20	hypothetical protein, conserved	1,403	3,82E-22
TcCLB.506571.10	dispersed gene family protein 1 (DGF-1), putative	1,403	1,146E-13
TcCLB.510039.90	60S ribosomal protein L35, putative	1,402	3,825E-85
TcCLB.508399.49	dispersed gene family protein 1 (DGF-1), putative	1,402	1,394E-15
TcCLB.506529.430	alanine aminotransferase, putative	1,402	6,025E-10
TcCLB.510065.30	translationally controlled tumor protein (TCTP), putative	1,4	4,523E-100
TcCLB.511809.30	hypothetical protein, conserved	1,4	4,469E-46
TcCLB.510811.10	protein associated with differentiation 4, putative	1,4	4,788E-21
TcCLB.507669.220	hypothetical protein, conserved	1,399	1,832E-36
TcCLB.511803.15	dynein light chain lc6, flagellar outer arm (pseudogene), putative	1,399	2,261E-15
TcCLB.509365.20	dispersed gene family protein 1 (DGF-1, pseudogene), putative	1,398	5,494E-16
TcCLB.506529.300	hypothetical protein, conserved	1,397	2,444E-59
TcCLB.510345.50	hypothetical protein, conserved	1,397	4,453E-44
TcCLB.510843.10	beta galactofuranosyl glycosyltransferase (pseudogene), putative	1,397	1,719E-37
TcCLB.508815.20	hypothetical protein, conserved	1,397	2,139E-28
TcCLB.511213.89	dispersed gene family protein 1 (DGF-1), putative (fragment)	1,397	5,923E-09
TcCLB.509769.60	succinate dehydrogenase iron-sulfur subunit (SDH2N)	1,396	2,603E-57

TcCLB.506401.120	40S ribosomal protein S9, putative	1,395	5,949E-71
TcCLB.509999.140	RNA-binding protein, putative	1,395	9,643E-11
TcCLB.507159.60	hypothetical protein, conserved	1,394	8,237E-71
TcCLB.511649.70	structural maintenance of chromosome 3 protein, putative	1,394	8,228E-21
TcCLB.508507.24	hypothetical protein, conserved	1,393	9,13E-20
TcCLB.510105.20	Ribosomal RNA processing protein 41A (RRP41A)	1,392	3,599E-56
TcCLB.507875.159	60S acidic ribosomal protein P2 (pseudogene), putative	1,391	2,078E-48
TcCLB.506853.70	hypothetical protein, conserved	1,391	3,354E-32
TcCLB.508909.214	hypothetical protein, conserved	1,39	1,131E-42
TcCLB.511531.50	glucosamine-6-phosphate isomerase, putative	1,388	5,048E-50
TcCLB.503873.10	cytochrome-b5 reductase, putative	1,388	2,821E-46
TcCLB.506777.80	seryl-tRNA synthetase, putative	1,387	6,699E-97
TcCLB.509099.10	GTP-binding protein, putative	1,387	6,996E-38
TcCLB.511643.30	aspartate carbamoyltransferase, putative	1,387	5,749E-37
TcCLB.503749.5	pyrroline-5-carboxylate synthetase-like protein, putative (truncated)	1,386	6,012E-22
TcCLB.509667.10	dispersed gene family protein 1 (DGF-1), putative	1,386	4,361E-15
TcCLB.511825.230	hypothetical protein	1,385	2,414E-28
TcCLB.507831.70	pyruvate dehydrogenase E1 component alpha subunit, putative	1,385	6,093E-27
TcCLB.504153.330	hypothetical protein, conserved	1,384	3,247E-62
TcCLB.506247.370	hypothetical protein, conserved	1,384	3,479E-48
TcCLB.503543.20	divalent cation transporter, putative (fragment)	1,383	1,799E-45
TcCLB.504423.20	electron transport protein SCO1/SCO2, putative	1,383	4,231E-43
TcCLB.505919.31	hypothetical protein, conserved (pseudogene)	1,383	3,554E-21
TcCLB.510131.30	hypothetical protein, conserved	1,382	7,584E-45
TcCLB.511649.90	hypothetical protein, conserved	1,382	7,353E-36
TcCLB.511389.120	hypothetical protein, conserved	1,381	7,714E-31
TcCLB.511383.80	hypothetical protein, conserved	1,381	4,527E-23
TcCLB.430605.40	ERV/ALR sulfhydryl oxidase domain-containing protein (P1)	1,38	1,091E-34
TcCLB.508027.60	hypothetical protein	1,379	3,722E-42
TcCLB.507003.60	hypothetical protein, conserved	1,378	4,72E-32
TcCLB.507167.50	hypothetical protein, conserved (pseudogene)	1,378	2,083E-19
TcCLB.507857.70	hypothetical protein, conserved	1,377	3,315E-34
TcCLB.509455.114	Protein of unknown function (DUF1295), putative (POMP2)	1,377	3,225E-30
TcCLB.504147.160	ADP-ribosylation factor-like protein, putative	1,376	1,53E-41
TcCLB.510421.320	pyruvate dehydrogenase E1 beta subunit, putative	1,376	2,053E-37
TcCLB.511529.68	cyclin-dependent kinases regulatory subunit, putative (P1)	1,376	1,912E-32
TcCLB.510309.10	hypothetical protein, conserved	1,376	9,022E-30
TcCLB.503479.30	adenylate kinase 1	1,375	2,652E-28
TcCLB.510265.110	hypothetical protein, conserved	1,375	0,0002624
TcCLB.506925.104	dynein light chain, putative	1,374	1,583E-57
TcCLB.509441.10	hypothetical protein, conserved	1,374	9,792E-41
TcCLB.510657.40	hypothetical protein, conserved	1,374	2,664E-29
TcCLB.511105.29	dispersed gene family protein 1 (DGF-1), putative	1,374	1,117E-09
TcCLB.503615.10	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, putative	1,371	5,289E-16
TcCLB.511585.120	hypothetical protein, conserved	1,37	7,63E-40

TcCLB.510173.90	poly(ADP-ribose) polymerase, putative	1,37	5,434E-35
TcCLB.508399.10	NADH-ubiquinone oxidoreductase, mitochondrial, putative	1,369	8,816E-38
TcCLB.503697.40	hypothetical protein	1,369	4,377E-17
TcCLB.504255.4	rhomboid-like protein	1,369	3,992E-08
TcCLB.507723.90	hypothetical protein, conserved	1,367	1,458E-17
TcCLB.508433.50	retrotransposon hot spot protein (RHS, pseudogene), puta	1,367	0,0005453
TcCLB.510103.30	protein associated with differentiation 4, putative	1,366	1,264E-53
TcCLB.506945.240	ATP synthase, epsilon chain, putative	1,366	1,459E-38
TcCLB.506979.40	hypothetical protein, conserved	1,366	3,267E-26
TcCLB.511443.10	calpain-like cysteine peptidase (pseudogene), putative	1,366	2,106E-13
TcCLB.506299.9	dispersed gene family protein 1 (DGF-1), putative (fragme	1,366	2,123E-13
TcCLB.511867.130	hypothetical protein, conserved	1,365	3,779E-58
TcCLB.507479.29	retrotransposon hot spot protein (RHS, pseudogene), puta	1,365	2,371E-16
TcCLB.509805.90	hypothetical protein, conserved	1,364	1,292E-44
TcCLB.508909.320	hypothetical protein	1,364	2,054E-34
TcCLB.506859.170	hypothetical protein, conserved	1,363	1,159E-35
TcCLB.509551.20	Putrescine-cadaverine transporter 1, putative (POT1.2)	1,362	1,901E-35
TcCLB.510883.10	retrotransposon hot spot (RHS) protein, putative	1,362	1,67E-27
TcCLB.510095.50	dispersed gene family protein 1 (DGF-1), putative	1,362	1,897E-13
TcCLB.508541.190	cell cycle sequence binding phosphoprotein (RBP33), puta	1,361	2,538E-49
TcCLB.506147.80	Present in the outer mitochondrial membrane proteome (	1,361	2,224E-28
TcCLB.509037.50	aspartyl-tRNA synthetase, putative	1,36	2,341E-40
TcCLB.507445.9	dispersed gene family protein 1 (DGF-1), putative (fragme	1,36	7,497E-12
TcCLB.507467.10	receptor-type adenylate cyclase, putative (fragment)	1,36	3,766E-11
TcCLB.506487.60	endosomal integral membrane protein, putative (fragmer	1,36	1,905E-09
TcCLB.508591.10	dispersed gene family protein 1 (DGF-1), putative	1,359	1,287E-11
TcCLB.509747.20	60S ribosomal protein L22, putative	1,358	5,292E-64
TcCLB.510307.140	retrotransposon hot spot protein (RHS, pseudogene), puta	1,358	1,371E-33
TcCLB.511335.19	hypothetical protein, conserved (pseudogene)	1,358	1,82E-18
TcCLB.508257.10	serine-palmitoyl-CoA transferase, putative	1,358	1,567E-15
TcCLB.508077.9	conserved protein (fragment)	1,357	3,921E-50
TcCLB.508739.21	mucin TcSMUGS (pseudogene), putative	1,357	6,824E-34
TcCLB.506535.10	retrotransposon hot spot (RHS) protein, putative (fragmer	1,357	1,518E-23
TcCLB.506295.130	prohibitin, putative	1,356	7,45E-33
TcCLB.506063.31	ATP-dependent DEAD/H RNA helicase (pseudogene), puta	1,355	0,001201
TcCLB.503431.60	acid phosphatase, putative (AP)	1,354	1,537E-24
TcCLB.509065.9	aldehyde dehydrogenase, putative (fragment)	1,353	1,149E-48
TcCLB.509437.60	hypothetical protein, conserved	1,353	6,35E-47
TcCLB.511469.20	hypothetical protein, conserved	1,353	4,71E-46
TcCLB.509191.9	dispersed gene family protein 1 (DGF-1, pseudogene), put	1,353	9,626E-06
TcCLB.507669.10	fumarate hydratase, putative	1,351	1,974E-32
TcCLB.511249.44	vacuolar transporter chaperone, putative	1,349	1,142E-42
TcCLB.508647.110	Present in the outer mitochondrial membrane proteome 1	1,349	2,861E-40
TcCLB.506405.50	serine-palmitoyl-CoA transferase, putative	1,348	5,667E-58
TcCLB.511771.80	retrotransposon hot spot protein (RHS, pseudogene), puta	1,348	1,782E-27

TcCLB.503469.9	dispersed gene family protein 1 (DGF-1), putative (fragme	1,348	4,102E-16
TcCLB.506417.10	multidrug resistance protein A (pseudogene), putative	1,347	3,363E-86
TcCLB.506517.30	hypothetical protein	1,347	2,97E-39
TcCLB.509791.120	kinetoplast-associated protein (KAP6)	1,347	1,179E-32
TcCLB.509445.10	tryparedoxin peroxidase, putative	1,347	1,397E-19
TcCLB.507611.270	hypothetical protein, conserved	1,347	4,576E-16
TcCLB.507649.80	nucleolar RNA-binding protein, putative	1,346	3,169E-54
TcCLB.507801.110	hypothetical protein, conserved	1,345	8,055E-38
TcCLB.418185.50	retrotransposon hot spot protein (RHS, pseudogene), puta	1,345	1,093E-29
TcCLB.511579.9	fatty acyl CoA syntetase 1, putative	1,345	5,236E-12
TcCLB.505843.49	ERV/ALR sulfhydryl oxidase domain-containing protein (P	1,345	1,247E-09
TcCLB.507993.330	mevalonate-diphosphate decarboxylase, putative	1,344	2,836E-30
TcCLB.506571.20	retrotransposon hot spot protein (RHS, pseudogene), puta	1,344	3,742E-20
TcCLB.506041.50	cytochrome c oxidase assembly protein, putative	1,343	6,829E-25
TcCLB.510355.200	hypothetical protein, conserved	1,343	9,183E-23
TcCLB.506573.81	ribosomal protein L39, putative	1,343	1,291E-19
TcCLB.510673.10	dispersed gene family protein 1 (DGF-1, pseudogene), put	1,343	9,026E-17
TcCLB.508277.40	divalent cation transporter, putative	1,342	1,026E-70
TcCLB.503955.55	hypothetical protein, conserved	1,342	1,055E-21
TcCLB.506825.150	hypothetical protein, conserved	1,34	7,129E-63
TcCLB.508303.65	thioredoxin-like protein, putative	1,339	1,348E-20
TcCLB.506977.70	ATPase subunit 9, putative	1,337	5,589E-46
TcCLB.510235.10	dispersed gene family protein 1 (DGF-1), putative	1,337	9,275E-10
TcCLB.506295.190	glycine dehydrogenase [decarboxylating] (pseudogene), p	1,337	2,789E-09
TcCLB.508473.10	retrotransposon hot spot (RHS) protein, putative	1,336	4,497E-37
TcCLB.510355.190	hypothetical protein	1,336	3,58E-18
TcCLB.506401.320	60S ribosomal protein L7a, putative	1,335	2,819E-58
TcCLB.509167.140	RNA-binding protein 42 (RNA-binding motif protein 42), p	1,335	4,634E-30
TcCLB.509901.160	hypothetical protein, conserved	1,335	2,49E-20
TcCLB.506691.64	cytochrome c oxidase copper chaperone, putative	1,335	1,184E-11
TcCLB.506411.10	thimet oligopeptidase, putative	1,334	1,224E-46
TcCLB.504427.200	poly(A)-specific ribonuclease PARN, putative	1,334	7,051E-36
TcCLB.510355.90	dispersed gene family protein 1 (DGF-1), putative	1,334	7,502E-19
TcCLB.506651.9	dispersed gene family protein 1 (DGF-1), putative	1,334	1,543E-08
TcCLB.506945.110	casein kinase 1 isoform 2, putative	1,333	1,018E-42
TcCLB.509279.10	hypothetical protein, conserved	1,333	2,681E-13
TcCLB.506629.30	guide RNA-binding protein of 21 kDa (gBP21)	1,331	2,648E-44
TcCLB.508119.120	GDP-mannose 4,6 dehydratase, putative	1,331	3,645E-41
TcCLB.506635.139	kasal-type serpin (pseudogene), putative	1,331	1,057E-26
TcCLB.510101.330	hypothetical protein, conserved	1,33	1,087E-41
TcCLB.506999.50	hypothetical protein, conserved	1,33	2,441E-34
TcCLB.511657.40	hypothetical protein, conserved	1,33	1,824E-25
TcCLB.506675.30	retrotransposon hot spot protein (RHS, pseudogene), puta	1,329	9,393E-37
TcCLB.504163.110	N-acetyltransferase subunit Nat1, putative	1,327	1,591E-42
TcCLB.511353.10	FK506-binding protein (FKBP)-type peptidyl-prolyl isomer	1,327	8,014E-27

TcCLB.508153.994	cytochrome c oxidase copper chaperone, putative	1,327	2,352E-12
TcCLB.508247.149	dispersed gene family protein 1 (DGF-1), putative	1,327	0,003828
TcCLB.509207.40	hypothetical protein, conserved	1,326	3,781E-63
TcCLB.507867.60	protein phosphatase 1, regulatory subunit, putative	1,326	3,451E-33
TcCLB.508411.10	cofilin/actin depolymerizing factor, putative	1,325	9,008E-34
TcCLB.511847.30	hypothetical protein, conserved	1,325	7,911E-29
TcCLB.506537.60	dispersed gene family protein 1 (DGF-1, pseudogene), putative	1,325	1,127E-19
TcCLB.511625.50	GTP-binding protein, putative	1,324	3,091E-44
TcCLB.508503.30	hypothetical protein	1,324	1,65E-23
TcCLB.481099.9	dispersed gene family protein 1 (DGF-1), putative (fragment)	1,322	5,356E-07
TcCLB.417993.10	dispersed gene family protein 1 (DGF-1, pseudogene), putative	1,322	0,05335
TcCLB.506195.290	hypothetical protein, conserved	1,321	3,422E-30
TcCLB.506779.80	pantothenate kinase subunit, putative	1,321	4,784E-29
TcCLB.503823.84	DNA-directed RNA polymerase I subunit, putative	1,321	1,594E-20
TcCLB.510381.10	cystathionine beta-synthase, putative	1,321	9,964E-08
TcCLB.511145.50	vacuolar ATP synthase, putative	1,32	4,461E-57
TcCLB.506357.40	Elongation factor Tu, mitochondrial, putative (EF-Tu)	1,32	3,693E-48
TcCLB.508241.50	surface protease GP63, putative	1,319	1,44E-33
TcCLB.506189.20	hypothetical protein, conserved	1,319	4,917E-20
TcCLB.504055.40	dihydroxyacetone phosphate acyltransferase, putative (DA)	1,318	1,252E-48
TcCLB.511825.180	ATP-dependent DEAD/H RNA helicase, putative	1,318	7,835E-46
TcCLB.510301.10	fructose-bisphosphate aldolase, glycosomal, putative	1,318	2,795E-38
TcCLB.508823.100	hypothetical protein, conserved	1,318	2,184E-24
TcCLB.506195.110	malate dehydrogenase, putative	1,317	5,836E-76
TcCLB.510101.50	lanosterol 14-alpha-demethylase, putative	1,316	1,509E-78
TcCLB.509331.110	hypothetical protein, conserved	1,316	2,158E-32
TcCLB.506327.99	serine/threonine protein kinase, putative (fragment)	1,316	6,499E-32
TcCLB.510225.20	hypothetical protein, conserved	1,316	5,004E-20
TcCLB.510105.170	dihydrolipoamide acetyltransferase precursor, putative	1,315	2,916E-51
TcCLB.510821.60	ribonucleoprotein p18, mitochondrial precursor, putative	1,314	7,069E-51
TcCLB.503715.10	splicing factor TSR1, putative	1,314	2,092E-50
TcCLB.504269.20	GPR1/FUN34/yaaH family, putative	1,314	3,05E-36
TcCLB.506863.20	hypothetical protein	1,314	4,149E-23
TcCLB.506443.70	glutathione-S-transferase/glutaredoxin, putative	1,314	5,103E-22
TcCLB.510785.20	pteridine reductase (pseudogene), putative	1,313	8,978E-58
TcCLB.510853.73	retrotransposon hot spot protein (pseudogene), putative	1,313	1,136E-55
TcCLB.506485.80	oxidoreductase, putative	1,313	1,006E-42
TcCLB.511217.130	hypothetical protein, conserved	1,313	2,709E-41
TcCLB.508371.10	glutamine-dependent carbamoyl-phosphate synthetase (p)	1,313	4,858E-21
TcCLB.510603.60	protein tyrosine phosphatase-like protein, putative	1,313	2,174E-15
TcCLB.506147.50	hypothetical protein, conserved	1,312	3,659E-26
TcCLB.505035.10	hypothetical protein	1,312	1,296E-17
TcCLB.510105.40	cullin-like protein, putative	1,311	1,23E-46
TcCLB.503809.140	cation transporter, putative	1,311	7,609E-32
TcCLB.509713.20	protein associated with differentiation 4, putative	1,309	1,432E-102



TcCLB.503411.20	hypothetical protein, conserved	1,309	4,66E-25
TcCLB.509769.66	hypothetical protein, conserved	1,309	5,396E-25
TcCLB.507479.51	beta galactofuranosyl glycosyltransferase, putative	1,309	7,706E-06
TcCLB.508023.120	hypothetical protein, conserved (pseudogene)	1,308	1,058E-46
TcCLB.508089.50	hypothetical protein, conserved	1,308	1,1E-30
TcCLB.506399.70	hypothetical protein, conserved	1,308	3,388E-18
TcCLB.457101.30	multidrug resistance protein E, putative	1,307	2,461E-24
TcCLB.511439.30	lipase, putative	1,307	5,325E-15
TcCLB.506669.4	MFS transporter, putative	1,307	9,275E-08
TcCLB.508351.40	cytochrome c oxidase assembly factor, putative	1,306	5,755E-26
TcCLB.506717.10	fatty acid elongase, putative	1,306	2,408E-17
TcCLB.511817.270	hypothetical protein, conserved	1,305	6,014E-41
TcCLB.508153.270	heat shock protein 20, putative	1,305	3,313E-27
TcCLB.511441.20	calpain-like cysteine peptidase, putative (fragment)	1,305	0,006618
TcCLB.508535.30	hypothetical protein, conserved	1,304	4,724E-29
TcCLB.511815.100	hypothetical protein, conserved	1,304	5,273E-21
TcCLB.509549.100	hypothetical protein, conserved	1,303	4,153E-49
TcCLB.509747.40	hypothetical protein, conserved	1,303	1,297E-30
TcCLB.511211.30	hypothetical protein	1,303	1,862E-20
TcCLB.504163.60	hypothetical protein, conserved	1,302	4,58E-33
TcCLB.436137.9	dispersed gene family protein 1 (DGF-1), putative (fragment)	1,302	1,018E-15
TcCLB.504033.21	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, putative	1,302	0,00000263
TcCLB.432867.20	hypothetical protein, conserved	1,301	1,312E-07
TcCLB.506211.140	hypothetical protein, conserved	1,3	1,626E-49
TcCLB.508231.9	hexose transporter, putative	1,3	4,727E-17
TcCLB.507121.40	beta galactofuranosyl glycosyltransferase, putative	1,3	1,001E-08
TcCLB.507831.20	hypothetical protein, conserved	1,3	0,00266
TcCLB.509237.30	glycosomal transporter (GAT1), putative (GAT1)	1,299	8,054E-34
TcCLB.503453.64	hypothetical protein, conserved	1,299	7,361E-23
TcCLB.506925.64	hypothetical protein, conserved	1,297	2,247E-43
TcCLB.511417.80	phosphate-repressible phosphate permease, putative	1,297	4,767E-38
TcCLB.506629.50	hypothetical protein, conserved	1,297	2,932E-29
TcCLB.511771.132	ATP-dependent DEAD/H RNA helicase (pseudogene), putative	1,297	0,0006505
TcCLB.511311.80	hypothetical protein, conserved	1,296	4,641E-68
TcCLB.508119.200	hypothetical protein	1,295	3,405E-36
TcCLB.511367.70	dihydrolipoamide acetyltransferase, putative	1,295	1,774E-30
TcCLB.511181.150	hypothetical protein, conserved	1,295	1,01E-25
TcCLB.506005.10	dispersed gene family protein 1 (DGF-1, pseudogene), putative	1,295	1,416E-19
TcCLB.509449.5	receptor-type adenylate cyclase, putative (fragment)	1,295	0,003889
TcCLB.406999.10	dispersed gene family protein 1 (DGF-1), putative (fragment)	1,295	0,0234
TcCLB.511825.40	centrin-4, putative (Centrin4)	1,294	8,865E-42
TcCLB.507383.10	hypothetical protein, conserved	1,294	0,0000806
TcCLB.509601.100	hypothetical protein, conserved	1,293	6,082E-43
TcCLB.510329.10	hypothetical protein, conserved	1,293	2,65E-41
TcCLB.510323.40	heat shock protein 20, putative	1,293	3,141E-33

TcCLB.508001.10	dispersed gene family protein 1 (DGF-1), putative	1,293	3,55E-09
TcCLB.510101.170	40S ribosomal protein S5, putative	1,292	2,519E-47
TcCLB.506735.10	mitochondrial processing peptidase alpha subunit, putative	1,292	1,644E-46
TcCLB.508637.90	phosphoglucomutase	1,292	1,581E-30
TcCLB.506605.150	60S ribosomal protein, putative	1,292	1,017E-21
TcCLB.505201.20	dispersed gene family protein 1 (DGF-1, pseudogene), putative	1,292	2,354E-15
TcCLB.510629.200	retrotransposon hot spot protein (RHS, pseudogene), putative	1,292	6,239E-07
TcCLB.510577.30	hypothetical protein	1,291	1,132E-30
TcCLB.511469.100	2-oxoisovalerate dehydrogenase beta subunit, mitochondrial	1,291	1,174E-24
TcCLB.503929.79	serine-palmitoyl-CoA transferase, putative	1,291	1,471E-19
TcCLB.506925.530	glycosomal transporter (GAT3), putative	1,29	2,374E-63
TcCLB.511283.290	hypothetical protein, conserved	1,29	1,826E-51
TcCLB.511733.80	hypothetical protein	1,29	2,741E-32
TcCLB.503891.80	hypothetical protein, conserved	1,29	2,53E-27
TcCLB.507587.24	dispersed gene family protein 1 (DGF-1), putative (fragment)	1,29	5,919E-15
TcCLB.507259.10	trypanothione peroxidase, putative	1,289	3,001E-49
TcCLB.509153.100	arginine N-methyltransferase, type III, putative (PRMT7)	1,289	3,479E-48
TcCLB.508153.760	hypothetical protein, conserved	1,289	6,231E-36
TcCLB.510847.40	retrotransposon hot spot protein (RHS, pseudogene), putative	1,289	1,78E-26
TcCLB.508799.280	protein associated with differentiation 4, putative	1,288	1,29E-37
TcCLB.511819.30	hypothetical protein, conserved	1,288	5,56E-25
TcCLB.509687.19	dispersed gene family protein 1 (DGF-1), putative (fragment)	1,288	2,391E-07
TcCLB.508461.30	3-demethylubiquinone-9 3-methyltransferase, putative	1,287	2,377E-29
TcCLB.505171.60	hypothetical protein, conserved	1,286	1,454E-38
TcCLB.509295.110	dispersed gene family protein 1 (DGF-1, pseudogene), putative	1,285	0,0004958
TcCLB.510529.30	hypothetical protein, conserved	1,283	1,455E-44
TcCLB.509825.14	40S ribosomal protein SA, putative	1,283	8,505E-18
TcCLB.504639.19	dispersed gene family protein 1 (DGF-1), putative (fragment)	1,283	1,28E-09
TcCLB.510643.190	retrotransposon hot spot (RHS) protein, putative	1,281	1,061E-33
TcCLB.510397.39	dispersed gene family protein 1 (DGF-1), putative	1,281	6,783E-07
TcCLB.507159.30	hypothetical protein, conserved	1,28	1,198E-40
TcCLB.508961.10	hypothetical protein, conserved	1,28	1,334E-32
TcCLB.511209.69	membrane-bound acid phosphatase, putative (fragment)	1,28	2,377E-21
TcCLB.511575.20	hypothetical protein, conserved	1,28	4,117E-18
TcCLB.506401.170	plasma membrane Ca <sup>2+</sup> ATPase	1,279	1,797E-66
TcCLB.506301.11	heat shock protein, putative (fragment)	1,279	5,926E-43
TcCLB.507673.70	hypothetical protein, conserved	1,279	5,342E-31
TcCLB.511217.10	hypothetical protein	1,279	2,78E-21
TcCLB.508193.60	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, putative	1,279	2,834E-21
TcCLB.506755.260	mitochondrial RNA-binding protein 2, putative	1,278	3,116E-32
TcCLB.511285.100	hypothetical protein	1,278	2,068E-30
TcCLB.510089.100	hypothetical protein	1,278	2,169E-25
TcCLB.510357.70	ubiquinone biosynthesis protein-like protein, putative	1,278	7,349E-22
TcCLB.511469.110	dispersed gene family protein 1 (DGF-1), putative	1,278	1,795E-08
TcCLB.506773.160	hypothetical protein, conserved	1,277	3,224E-34

TcCLB.506931.20	hypothetical protein, conserved	1,277	2,034E-29
TcCLB.507781.10	hypothetical protein, conserved (pseudogene)	1,277	1,483E-13
TcCLB.511817.280	hypothetical protein, conserved	1,276	2,733E-51
TcCLB.506369.20	transporter, putative	1,276	4,393E-13
TcCLB.505533.10	dispersed gene family protein 1 (DGF-1, pseudogene), putative	1,276	0,00004343
TcCLB.506649.20	P-type H -ATPase, putative	1,275	4,2E-35
TcCLB.511529.210	hypothetical protein, conserved	1,275	4,22E-20
TcCLB.510089.210	hypothetical protein, conserved	1,275	9,405E-20
TcCLB.424937.10	glucose transporter, putative	1,275	8,027E-14
TcCLB.511803.40	Present in the outer mitochondrial membrane proteome	1,274	2,994E-69
TcCLB.503955.20	mitochondrial DNA polymerase beta, putative	1,274	1,152E-53
TcCLB.506241.160	hypothetical protein, conserved	1,274	2,278E-45
TcCLB.510329.150	hypothetical protein, conserved	1,274	3,436E-41
TcCLB.506407.100	hypothetical protein, conserved	1,273	2,971E-45
TcCLB.506829.80	nicotinamidase, putative (PNC1)	1,272	2,072E-26
TcCLB.507653.40	dispersed gene family protein 1 (DGF-1), putative	1,272	6,268E-11
TcCLB.510879.60	hypothetical protein, conserved	1,271	3,409E-19
TcCLB.508395.9	dispersed gene family protein 1 (DGF-1), putative (fragment)	1,271	0,000455
TcCLB.509023.10	calcium binding protein EF hand, putative	1,27	2,068E-39
TcCLB.505807.60	hypothetical protein, conserved	1,27	1,478E-35
TcCLB.511301.90	protein kinase, putative	1,27	2,432E-30
TcCLB.511257.10	DNAK protein, putative	1,269	5,061E-43
TcCLB.511511.40	hypothetical protein, conserved	1,269	2,288E-35
TcCLB.510661.174	riboflavin kinase, putative	1,269	4,636E-14
TcCLB.511167.80	PIF1 helicase-like protein, putative	1,268	1,367E-38
TcCLB.506337.160	NADH-ubiquinone oxidoreductase complex I subunit, putative	1,267	5,236E-31
TcCLB.507543.30	retrotransposon hot spot protein (RHS, pseudogene), putative	1,265	9,919E-49
TcCLB.511729.60	MORN repeat-containing protein 1 (MORN1)	1,264	1,011E-39
TcCLB.506053.5	amino acid transporter, putative (fragment)	1,264	2,089E-35
TcCLB.510755.89	kinetoplastid membrane protein KMP-11, putative	1,264	2,421E-31
TcCLB.509725.30	hypothetical protein, conserved (pseudogene)	1,263	7,466E-15
TcCLB.506829.110	fatty acyl CoA synthetase 2, putative	1,262	3,786E-37
TcCLB.509331.40	hypothetical protein, conserved	1,262	3,629E-17
TcCLB.506559.110	hypothetical protein	1,261	2,926E-30
TcCLB.506825.140	hypothetical protein, conserved	1,261	4,197E-23
TcCLB.511355.24	hypothetical protein, conserved	1,261	3,653E-15
TcCLB.507919.10	surface protease GP63, putative	1,26	2,245E-26
TcCLB.511277.70	Elongation factor Tu, mitochondrial, putative (EF-Tu)	1,259	1,47E-48
TcCLB.503603.10	mitochondrial RNA binding complex 1 subunit, putative	1,259	4,03E-24
TcCLB.504153.30	hypothetical protein, conserved	1,258	2,158E-33
TcCLB.506823.100	dispersed gene family protein 1 (DGF-1), putative	1,258	0,00000708
TcCLB.510357.10	DnaJ chaperone protein, putative	1,257	4,559E-44
TcCLB.509459.60	Na/H antiporter-like protein, putative	1,257	1,676E-39
TcCLB.509937.210	hypothetical protein, conserved	1,257	4,843E-31
TcCLB.511655.40	hypothetical protein, conserved	1,257	1,336E-27

TcCLB.503521.30	Dynein light chain roadblock-type protein, putative	1,257	1,734E-25
TcCLB.508831.80	hypothetical protein, conserved	1,257	6,417E-13
TcCLB.506153.20	amino acid transporter, putative	1,256	6,913E-47
TcCLB.511391.10	retrotransposon hot spot protein (RHS, pseudogene), puta	1,256	4,765E-37
TcCLB.506475.105	hypothetical protein, conserved	1,256	5,442E-19
TcCLB.509509.20	C-1-tetrahydrofolate synthase, cytoplasmic, putative	1,256	1,516E-17
TcCLB.506625.80	cAMP-specific phosphodiesterase, putative	1,255	8,605E-53
TcCLB.509317.20	esterase, putative	1,255	5,383E-20
TcCLB.506925.319	isocitrate dehydrogenase, putative	1,255	2,312E-14
TcCLB.506529.420	alanine aminotransferase, putative	1,254	4,303E-42
TcCLB.510861.110	hypothetical protein	1,254	2,785E-37
TcCLB.506843.20	retrotransposon hot spot protein (RHS, pseudogene), puta	1,254	3,415E-20
TcCLB.509775.34	hypothetical protein, conserved	1,254	2,586E-17
TcCLB.508323.70	centrin-4, putative (Centrin4)	1,254	1,596E-09
TcCLB.506593.30	ribosomal protein S7, putative	1,253	2,972E-67
TcCLB.508153.605	hypothetical protein, conserved	1,253	1,244E-25
TcCLB.504427.150	oxidoreductase-like protein, putative	1,253	5,386E-19
TcCLB.511621.60	Asparagine-linked glycosylation protein 12 (ALG12)	1,253	1,213E-07
TcCLB.509233.50	hypothetical protein, conserved	1,252	5,05E-48
TcCLB.509233.180	ATP synthase F1, beta subunit, putative (ATPB)	1,252	1,443E-47
TcCLB.507869.10	NADH-ubiquinone oxidoreductase, mitochondrial, putative	1,251	1,316E-39
TcCLB.507993.40	hypothetical protein, conserved	1,251	9,737E-31
TcCLB.504137.80	adenylyl cyclase-associated protein, putative	1,25	4,771E-30
TcCLB.506529.550	cysteine peptidase, putative	1,249	1,565E-39
TcCLB.507427.20	dispersed gene family protein 1 (DGF-1, pseudogene), put	1,249	7,487E-10
TcCLB.507943.40	histone H4, putative	1,248	7,025E-50
TcCLB.510877.190	hypothetical protein, conserved	1,248	4,669E-08
TcCLB.510421.220	hypothetical protein, conserved	1,247	6,031E-33
TcCLB.503401.40	glycosyl transferase, putative	1,246	6,061E-51
TcCLB.510479.30	hypothetical protein	1,246	7,038E-08
TcCLB.504153.310	heat shock protein, putative	1,245	5,937E-78
TcCLB.506417.60	terbinafine resistance locus protein (yip1), putative	1,245	4,512E-31
TcCLB.507717.20	hypothetical protein	1,244	4,985E-36
TcCLB.510667.90	hypothetical protein, conserved	1,243	1,776E-24
TcCLB.510827.40	hypothetical protein	1,243	8,845E-11
TcCLB.503617.31	nuclear receptor binding factor, putative	1,241	9,083E-36
TcCLB.506435.410	uracil phosphoribosyltransferase, putative	1,241	5,732E-29
TcCLB.509611.20	peptidyl-prolyl cis-trans isomerase (PIN1)	1,241	6,849E-14
TcCLB.510839.11	hypothetical protein	1,241	7,695E-13
TcCLB.424795.10	hypothetical protein, conserved	1,24	2,345E-22
TcCLB.510343.15	protein kinase, putative	1,24	8,951E-09
TcCLB.503715.20	hypothetical protein	1,238	2,87E-21
TcCLB.509013.10	calpain-like cysteine peptidase, putative	1,238	2,854E-16
TcCLB.510925.9	dispersed gene family protein 1 (DGF-1), putative (fragme	1,238	0,001382
TcCLB.445553.10	hypothetical protein, conserved	1,237	5,898E-23

TcCLB.508349.30	hypothetical protein, conserved	1,236	6,442E-54
TcCLB.507539.40	cell cycle sequence binding phosphoprotein (RBP33), puta	1,236	1,284E-40
TcCLB.511517.60	C-1-tetrahydrofolate synthase, cytoplasmic, putative	1,236	9,223E-25
TcCLB.508507.59	NADH dehydrogenase [ubiquinone] iron-sulfur protein 7, r	1,235	1,346E-27
TcCLB.509535.9	electron transport protein SCO1/SCO2, putative	1,235	1,264E-17
TcCLB.508419.20	dispersed gene family protein 1 (DGF-1, pseudogene), put	1,235	6,278E-14
TcCLB.508119.144	ribosomal protein L38, putative	1,234	4,985E-34
TcCLB.504839.44	tryparedoxin peroxidase	1,233	1,834E-54
TcCLB.508741.340	hypothetical protein, conserved	1,233	1,266E-21
TcCLB.508221.840	hypothetical protein	1,233	0,004223
TcCLB.510575.5	proton motive ATPase, putative	1,232	4,444E-26
TcCLB.507817.50	hypothetical protein, conserved	1,232	1,921E-19
TcCLB.507221.50	hypothetical protein, conserved	1,232	6,179E-18
TcCLB.505071.50	hypothetical protein, conserved	1,232	1,921E-14
TcCLB.507907.55	ATP-dependent DEAD/H RNA helicase (pseudogene), puta	1,232	2,899E-11
TcCLB.509151.130	deoxyuridine triphosphatase, putative	1,231	2,241E-45
TcCLB.508567.100	hypothetical protein, conserved	1,231	7,524E-41
TcCLB.511261.160	pyruvate dehydrogenase E1 component alpha subunit, put	1,231	4,055E-28
TcCLB.447255.4	ubiquitin, putative	1,231	2,257E-17
TcCLB.510511.9	Na/H antiporter-like protein, putative	1,231	2,608E-16
TcCLB.510041.20	zinc carboxypeptidase, putative	1,23	1,129E-09
TcCLB.510431.274	60S ribosomal protein L37, putative	1,229	1,189E-57
TcCLB.506295.70	hypothetical protein, conserved	1,229	2,402E-39
TcCLB.510339.50	spermidine synthase, putative	1,229	4,511E-26
TcCLB.503531.40	hypothetical protein, conserved	1,229	4,107E-12
TcCLB.504907.9	dispersed gene family protein 1 (DGF-1), putative (fragm	1,229	8,791E-12
TcCLB.506685.40	hypothetical protein, conserved	1,228	1,611E-31
TcCLB.509963.30	tryptophanyl-tRNA synthetase (pseudogene), putative	1,228	0,002128
TcCLB.504149.160	phosphoinositide-specific phospholipase C, putative	1,227	4,604E-41
TcCLB.507473.20	hypothetical protein	1,227	3,566E-20
TcCLB.511293.69	glycosomal malate dehydrogenase, putative	1,226	1,513E-75
TcCLB.503483.9	retrotransposon hot spot (RHS) protein, putative	1,226	1,398E-70
TcCLB.509875.240	hypothetical protein, conserved	1,226	7,057E-41
TcCLB.509213.160	protein kinase, putative	1,226	4,202E-37
TcCLB.511759.30	hypothetical protein, conserved	1,226	1,071E-31
TcCLB.510095.70	retrotransposon hot spot protein (RHS, pseudogene), puta	1,226	2,204E-23
TcCLB.447255.10	hypothetical protein, conserved	1,226	2,326E-22
TcCLB.506743.110	protein tyrosine phosphatase, putative	1,226	3,122E-17
TcCLB.509039.4	aspartyl-tRNA synthetase, putative	1,225	4,9E-16
TcCLB.510309.40	60S acidic ribosomal protein P2, putative	1,225	1,424E-14
TcCLB.507603.250	hypothetical protein, conserved	1,224	5,226E-36
TcCLB.463451.10	hypothetical protein, conserved	1,223	6,301E-33
TcCLB.506999.90	rieske iron-sulfur protein, mitochondrial precursor, putativ	1,222	1,661E-48
TcCLB.504149.175	hypothetical protein, conserved	1,222	1,158E-39
TcCLB.504041.20	hypothetical protein, conserved	1,222	6,72E-21

TcCLB.510385.10	dispersed gene family protein 1 (DGF-1), putative	1,222	2,264E-06
TcCLB.509373.10	trans-sialidase (pseudogene), putative	1,221	1,411E-07
TcCLB.509761.10	hypothetical protein, conserved	1,22	2,042E-59
TcCLB.509945.30	hypothetical protein	1,22	2,427E-48
TcCLB.507667.20	hypothetical protein, conserved	1,22	2,175E-46
TcCLB.508799.80	mRNA cap guanine-N7 methyltransferase, putative	1,22	5,483E-25
TcCLB.458759.10	profilin, putative	1,22	1,176E-16
TcCLB.506053.10	amino acid transporter, putative	1,218	4,559E-68
TcCLB.511825.100	hypothetical protein, conserved	1,218	1,746E-25
TcCLB.509237.70	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, $\beta$	1,217	3,193E-11
TcCLB.507445.50	myosin heavy chain, putative	1,216	1,165E-42
TcCLB.511621.90	esterase, putative	1,215	1,028E-17
TcCLB.506487.24	dispersed gene family protein 1 (DGF-1), putative	1,215	1,068E-10
TcCLB.508837.120	prohibitin, putative	1,214	3,451E-45
TcCLB.509033.80	hypothetical protein, conserved	1,214	4,312E-33
TcCLB.507603.270	cruzipain precursor, putative	1,214	1,974E-28
TcCLB.507769.30	hypothetical protein, conserved	1,213	1,033E-41
TcCLB.509237.100	hypothetical protein, conserved	1,213	2,298E-19
TcCLB.508069.10	retrotransposon hot spot protein (RHS, pseudogene), puta	1,213	1,842E-14
TcCLB.503617.40	ATP synthase F1, alpha subunit, putative (fragment) (ATP)	1,212	9,683E-46
TcCLB.506941.180	hypothetical protein, conserved	1,212	3,708E-28
TcCLB.510305.70	hypothetical protein, conserved	1,212	4,607E-23
TcCLB.511069.4	transketolase, putative	1,212	1,135E-14
TcCLB.507501.30	hypothetical protein, conserved	1,212	2,888E-06
TcCLB.506925.550	calpain-like cysteine peptidase (pseudogene), putative	1,211	4,842E-11
TcCLB.507943.20	histone H4, putative	1,21	5,878E-40
TcCLB.511647.60	hypothetical protein, conserved	1,21	3,11E-32
TcCLB.508265.44	mitochondrial pyruvate carrier protein 2, putative	1,21	8,215E-23
TcCLB.509583.4	60S ribosomal protein L44, putative	1,209	9,41E-50
TcCLB.506775.170	NADH-cytochrome b5 reductase, putative	1,209	9,35E-31
TcCLB.504427.240	metallo-beta-lactamase-like protein, putative	1,209	1,555E-18
TcCLB.503527.40	GPI alpha-mannosyltransferase III (GPI10)	1,209	5,351E-16
TcCLB.511353.34	hypothetical protein, conserved	1,208	1,918E-25
TcCLB.510359.260	mitochondrial import inner membrane translocase subuni	1,208	2,263E-24
TcCLB.504795.9	dispersed gene family protein 1 (DGF-1), putative	1,208	3,984E-10
TcCLB.506219.10	hypothetical protein, conserved	1,207	3,875E-32
TcCLB.510139.50	retrotransposon hot spot protein (RHS, pseudogene), puta	1,207	6,037E-16
TcCLB.511001.240	proteasome activator protein pa26, putative	1,207	4,841E-12
TcCLB.504717.10	divalent cation tolerance protein, putative	1,207	0,005899
TcCLB.510627.179	syntaxin binding protein 1 (pseudogene), putative	1,207	0,006425
TcCLB.506321.280	hypothetical protein, conserved	1,206	4,431E-63
TcCLB.511581.10	fatty acyl CoA synthetase 2, putative	1,206	5,885E-20
TcCLB.510877.160	hypothetical protein, conserved	1,204	2,556E-28
TcCLB.508169.69	peptidyl-prolyl cis-trans isomerase, putative	1,204	3,459E-27
TcCLB.505115.20	hypothetical protein	1,204	0,0001661

TcCLB.508175.360	cystathionine beta-synthase (CBS)	1,204	0,001557
TcCLB.509669.160	hypothetical protein, conserved	1,203	2,749E-34
TcCLB.509179.150	otubain cysteine peptidase, Clan CA, family C65, putative	1,203	2,882E-31
TcCLB.511817.80	protein kinase, putative	1,203	1,673E-25
TcCLB.507167.150	retrotransposon hot spot protein (RHS, pseudogene), puta	1,203	2,158E-18
TcCLB.505983.9	tryparedoxin peroxidase, putative	1,202	3,746E-27
TcCLB.509141.30	hypothetical protein	1,202	4,203E-19
TcCLB.508283.69	dispersed gene family protein 1 (DGF-1), putative (fragme	1,202	1,162E-09
TcCLB.511571.20	hypothetical protein, conserved	1,201	2,745E-35
TcCLB.511925.20	hypothetical protein, conserved	1,201	8,404E-26
TcCLB.509961.70	dispersed gene family protein 1 (DGF-1, pseudogene), put	1,201	9,971E-17
TcCLB.507089.270	dihydrolipoyl dehydrogenase, putative (GCVL-2)	1,2	2,375E-48
TcCLB.509767.70	V-type proton ATPase subunit a, putative (VAa)	1,2	7,175E-35
TcCLB.511127.80	hypothetical protein, conserved	1,2	1,262E-31
TcCLB.508647.174	hypothetical protein, conserved	1,2	5,3E-15
TcCLB.509543.50	DNAK protein, putative	1,199	1,341E-42
TcCLB.508785.10	Present in the outer mitochondrial membrane proteome 1	1,199	3,388E-23
TcCLB.506025.50	Vacuolar proton pump subunit B, putative	1,198	1,547E-44
TcCLB.508839.50	hypothetical protein, conserved	1,197	7,216E-38
TcCLB.509549.120	endosomal integral membrane protein (pseudogene), put	1,197	2,675E-27
TcCLB.511277.160	60S ribosomal protein L10a, putative	1,196	3,131E-101
TcCLB.509099.50	trypanothione synthetase (TRYS)	1,196	6,735E-50
TcCLB.505163.20	hypothetical protein, conserved	1,196	1,369E-17
TcCLB.506247.340	hypothetical protein, conserved	1,195	4,407E-39
TcCLB.506355.140	hypothetical protein, conserved	1,195	1,799E-35
TcCLB.510659.20	hypothetical protein, conserved	1,195	9,747E-19
TcCLB.510101.470	PUF nine target 1	1,194	1,093E-46
TcCLB.509965.290	p22 protein precursor, putative	1,194	8,722E-33
TcCLB.511277.486	hypothetical protein, conserved	1,194	1,219E-16
TcCLB.506845.40	hypothetical protein, conserved (pseudogene)	1,194	3,129E-11
TcCLB.508023.50	hypothetical protein	1,194	6,91E-10
TcCLB.508465.90	galactokinase, putative	1,193	2,287E-27
TcCLB.504579.10	retrotransposon hot spot protein (RHS, pseudogene), puta	1,193	9,276E-16
TcCLB.507873.50	hypothetical protein, conserved	1,193	1,484E-12
TcCLB.507401.9	dispersed gene family protein 1 (DGF-1), putative (fragme	1,193	8,371E-09
TcCLB.506595.90	damage-specific DNA binding protein (pseudogene), putat	1,192	7,781E-26
TcCLB.509331.50	ribosomal RNA methyltransferase, putative	1,191	7,458E-21
TcCLB.506593.19	ribosomal protein S7, putative	1,19	8,479E-58
TcCLB.510769.60	hypothetical protein, conserved (pseudogene)	1,19	4,558E-32
TcCLB.505985.9	calpain cysteine peptidase, putative (fragment)	1,189	1,411E-16
TcCLB.506129.10	dispersed gene family protein 1 (DGF-1, pseudogene), put	1,189	2,365E-09
TcCLB.510079.40	dispersed gene family protein 1 (DGF-1, pseudogene), put	1,189	0,0007892
TcCLB.511233.7	60S ribosomal protein L10a, putative	1,188	6,012E-37
TcCLB.506351.70	hypothetical protein, conserved	1,188	3,117E-27
TcCLB.507195.40	trans-sialidase (pseudogene), putative	1,188	0,003076

TcCLB.511295.60	hypothetical protein, conserved (pseudogene)	1,187	5,032E-34
TcCLB.503505.10	60S acidic ribosomal protein P2, putative	1,187	1,666E-26
TcCLB.508973.69	hypothetical protein, conserved	1,187	5,042E-20
TcCLB.503751.20	hypothetical protein	1,187	4,863E-06
TcCLB.510293.30	Eukaryotic translation initiation factor 4E type 5, putative	1,186	1,747E-32
TcCLB.506721.30	calpain-like cysteine peptidase, putative	1,186	9,427E-27
TcCLB.508815.150	hypothetical protein, conserved	1,186	9,106E-14
TcCLB.507047.180	hypothetical protein, conserved	1,186	4,106E-12
TcCLB.510325.20	hypothetical protein	1,186	1,112E-06
TcCLB.506207.50	translationally controlled tumor protein (TCTP), putative	1,184	3,313E-66
TcCLB.509151.140	60S ribosomal protein L23a, putative	1,183	6,926E-44
TcCLB.503801.30	DNA repair protein RAD51, putative (RAD51)	1,183	1,221E-42
TcCLB.509967.20	mismatch repair protein MSH4, putative	1,183	1,536E-22
TcCLB.506641.9	dispersed gene family protein 1 (DGF-1), putative	1,183	0,00002928
TcCLB.507537.20	cysteine peptidase, putative	1,182	6,702E-38
TcCLB.511461.40	hypothetical protein, conserved	1,182	1,303E-24
TcCLB.503839.39	hypothetical protein, conserved	1,182	1,655E-12
TcCLB.510397.5	GTP-binding protein, putative (fragment)	1,181	5,822E-20
TcCLB.508859.74	SNF2 DNA repair protein, putative	1,18	6,623E-48
TcCLB.503521.50	UTP-glucose-1-phosphate uridylyltransferase 2, putative	1,18	6,553E-18
TcCLB.511751.205	hypothetical protein	1,179	7,086E-32
TcCLB.507537.10	cruzipain precursor (pseudogene), putative	1,178	1,85E-42
TcCLB.510325.40	acyltransferase, putative	1,178	2,408E-25
TcCLB.430895.16	hypothetical protein, conserved (fragment)	1,178	3,139E-10
TcCLB.504001.10	hypothetical protein, conserved	1,176	2,337E-44
TcCLB.508479.370	hypothetical protein, conserved	1,176	2,857E-21
TcCLB.510755.65	hypothetical protein	1,176	3,11E-12
TcCLB.510847.70	dispersed gene family protein 1 (DGF-1), putative	1,176	8,327E-08
TcCLB.505943.110	retrotransposon hot spot protein (RHS, pseudogene), puta	1,175	2,881E-18
TcCLB.506777.20	cytoplasmic translation machinery associated protein, putative	1,174	5,572E-25
TcCLB.510079.10	retrotransposon hot spot protein (RHS, pseudogene), puta	1,174	8,779E-23
TcCLB.508387.60	hypothetical protein, conserved	1,174	5,874E-16
TcCLB.504099.10	retrotransposon hot spot (RHS) protein, putative	1,174	1,4E-14
TcCLB.505995.10	dispersed gene family protein 1 (DGF-1), putative	1,174	0,00007033
TcCLB.508779.90	structural maintenance of chromosome protein 4, putative	1,173	2,494E-35
TcCLB.511261.30	NADH-ubiquinone oxidoreductase complex I subunit, putative	1,173	6,367E-30
TcCLB.508523.40	dispersed gene family protein 1 (DGF-1), putative	1,173	2,103E-21
TcCLB.510135.10	retrotransposon hot spot protein (RHS, pseudogene), puta	1,173	1,542E-14
TcCLB.506997.9	dispersed gene family protein 1 (DGF-1), putative	1,173	0,0001527
TcCLB.507015.10	retrotransposon hot spot (RHS) protein, putative	1,172	1,945E-46
TcCLB.511393.70	hypothetical protein, conserved	1,172	2,624E-33
TcCLB.510643.10	dispersed gene family protein 1 (DGF-1), putative	1,172	1,277E-10
TcCLB.509029.60	hypothetical protein, conserved	1,171	1,345E-46
TcCLB.511289.90	hypothetical protein, conserved	1,171	9,047E-32
TcCLB.506591.30	hypothetical protein, conserved	1,17	1,374E-31



TcCLB.503893.130	hypothetical protein, conserved	1,17	1,647E-15
TcCLB.504199.10	hypothetical protein, conserved	1,169	1,01E-42
TcCLB.505939.30	hypothetical protein, conserved	1,169	4,587E-37
TcCLB.510609.40	ATP synthase F1, alpha subunit, putative (pseudogene)	1,167	1,99E-52
TcCLB.511865.60	hypothetical protein, conserved	1,167	3,242E-33
TcCLB.508017.10	hypothetical protein, conserved	1,167	0,00006874
TcCLB.506945.230	40S ribosomal protein S14, putative	1,166	1,051E-39
TcCLB.510777.20	aspartyl-tRNA synthetase, putative	1,166	5,94E-39
TcCLB.511527.70	Unconventional myosin	1,166	7,901E-26
TcCLB.506941.280	heat shock 70 kDa protein, mitochondrial precursor, putative	1,166	1,637E-10
TcCLB.509857.60	hypothetical protein, conserved	1,165	4,558E-43
TcCLB.509749.10	Biotin--acetyl-CoA-carboxylase ligase, putative	1,165	1,276E-24
TcCLB.510395.20	hypothetical protein, conserved	1,165	9,527E-15
TcCLB.509437.103	dispersed gene family protein 1 (DGF-1, pseudogene), putative	1,165	0,0004461
TcCLB.507711.190	hypothetical protein, conserved	1,164	1,591E-52
TcCLB.506403.9	hypothetical protein, conserved (fragment)	1,164	1,839E-33
TcCLB.507061.34	hypothetical protein, conserved	1,164	3,206E-17
TcCLB.510073.75	hypothetical protein, conserved	1,164	0,00003389
TcCLB.509693.80	hypoxanthine-guanine phosphoribosyltransferase, putative	1,163	6,488E-26
TcCLB.503721.10	hypothetical protein, conserved	1,163	4,102E-24
TcCLB.505763.10	proton motive ATPase 1, putative	1,162	4,174E-77
TcCLB.509023.180	kinesin, putative	1,162	2,973E-41
TcCLB.507669.60	hypothetical protein, conserved	1,162	8,887E-22
TcCLB.508375.80	hypothetical protein, conserved	1,162	1,281E-17
TcCLB.507223.10	dynein heavy chain, cytosolic, putative	1,162	4,027E-08
TcCLB.509695.100	hypothetical protein, conserved	1,161	2,001E-24
TcCLB.508487.20	dispersed gene family protein 1 (DGF-1, pseudogene), putative	1,161	2,814E-09
TcCLB.509921.9	dispersed gene family protein 1 (DGF-1), putative	1,161	0,0002949
TcCLB.504153.160	metallo-peptidase, Clan MA(E) Family M32	1,16	1,915E-69
TcCLB.507381.41	trans-sialidase (pseudogene), putative	1,16	2,676E-10
TcCLB.509011.10	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase (UGT)	1,16	4,086E-09
TcCLB.507693.10	dispersed gene family protein 1 (DGF-1), putative	1,16	4,607E-08
TcCLB.509859.40	cytosolic leucyl aminopeptidase, putative	1,159	9,947E-39
TcCLB.503881.20	GDP-mannose 4,6 dehydratase, putative	1,159	1,554E-28
TcCLB.509231.23	hypothetical protein, conserved	1,159	4,98E-25
TcCLB.432027.9	hypothetical protein, conserved	1,159	2,481E-12
TcCLB.509895.20	mitochondrial RNA binding protein, putative	1,158	5,988E-45
TcCLB.509151.70	hypothetical protein, conserved	1,158	1,614E-40
TcCLB.507773.34	60S ribosomal protein L37, putative	1,158	1,12E-34
TcCLB.510851.21	retrotransposon hot spot protein (RHS, pseudogene), putative	1,158	1,023E-33
TcCLB.509599.130	serine/threonine protein kinase, putative	1,158	1,158E-28
TcCLB.507521.110	pumilio/PUF RNA binding protein 5, putative (PUF5)	1,158	2,657E-25
TcCLB.508981.20	hypothetical protein, conserved	1,158	1,537E-14
TcCLB.508389.50	mucin-associated surface protein (MASP), putative	1,158	0,00002892
TcCLB.509473.10	hypothetical protein (pseudogene)	1,157	3,408E-21

TcCLB.510173.130	hypothetical protein, conserved	1,157	6,815E-19
TcCLB.503413.19	hypothetical protein	1,157	1,119E-17
TcCLB.510325.69	Aminopeptidase M1, putative (fragment)	1,156	1,272E-33
TcCLB.508699.70	hypothetical protein, conserved	1,156	3,508E-31
TcCLB.507927.90	hypothetical protein, conserved	1,156	2,197E-14
TcCLB.503433.30	hypothetical protein, conserved	1,155	1,703E-28
TcCLB.510643.150	ribosomal P protein AGP2beta-1 (pseudogene), putative	1,155	1,378E-14
TcCLB.510451.21	trans-sialidase (pseudogene), putative	1,155	0,004707
TcCLB.509429.59	hypothetical protein, conserved	1,154	3,724E-32
TcCLB.507603.140	leucine-rich repeat protein (LRRP), putative	1,154	3,439E-26
TcCLB.510719.74	hypothetical protein, conserved	1,154	9,152E-16
TcCLB.506493.80	DNA topoisomerase IA, putative	1,153	5,537E-41
TcCLB.506351.9	5'-3' exoribonuclease A, putative (fragment) (XRNA)	1,153	5,618E-18
TcCLB.415789.9	dispersed gene family protein 1 (DGF-1), putative (fragment)	1,153	6,053E-15
TcCLB.506435.270	dihydroxyacetone phosphate acyltransferase, putative (DA)	1,152	3,399E-30
TcCLB.509633.50	serine/threonine-protein phosphatase PP1, putative	1,152	7,675E-07
TcCLB.506987.10	retrotransposon hot spot protein (RHS, pseudogene), puta	1,152	0,0000138
TcCLB.511465.10	proteasome activator protein pa26, putative	1,151	1,553E-19
TcCLB.506559.480	hypothetical protein, conserved	1,151	5,291E-13
TcCLB.506559.350	asparaginyl-tRNA synthetase, putative	1,15	5,125E-59
TcCLB.509381.20	40S ribosomal protein S15A, putative	1,15	1,513E-44
TcCLB.511587.30	retrotransposon hot spot protein (RHS, pseudogene), puta	1,15	1,471E-39
TcCLB.510101.240	60S ribosomal protein L24, putative	1,15	4,569E-20
TcCLB.507925.40	pyridoxal kinase, putative	1,15	1,312E-13
TcCLB.506961.130	retrotransposon hot spot protein (RHS, pseudogene), puta	1,149	4,634E-29
TcCLB.507663.30	hypothetical protein, conserved	1,149	2,194E-23
TcCLB.504769.170	retrotransposon hot spot protein (RHS, pseudogene), puta	1,149	1,852E-21
TcCLB.508799.220	hypothetical protein, conserved (pseudogene)	1,149	0,0004239
TcCLB.509649.50	hypothetical protein, conserved	1,148	1,464E-33
TcCLB.504089.60	hypothetical protein, conserved	1,148	4,181E-29
TcCLB.510237.129	dispersed gene family protein 1 (DGF-1), putative (fragment)	1,148	5,76E-07
TcCLB.504163.30	40S ribosomal protein S9, putative	1,147	3,651E-52
TcCLB.508547.30	acyl-CoA dehydrogenase, mitochondrial precursor, putativ	1,147	1,044E-30
TcCLB.510603.80	protein tyrosine phosphatase-like protein, putative	1,146	5,666E-19
TcCLB.504033.90	mitochondrial carrier protein, putative	1,145	1,87E-33
TcCLB.506503.80	kinesin, putative	1,145	1,739E-27
TcCLB.511237.50	40S ribosomal protein S33, putative	1,144	6,464E-40
TcCLB.510381.30	hypothetical protein, conserved	1,144	1,069E-30
TcCLB.504051.20	ATP-dependent DNA DEAD/DEAH box helicase, putative	1,144	3,509E-25
TcCLB.509449.10	receptor-type adenylate cyclase, putative	1,144	4,807E-17
TcCLB.504037.30	60S ribosomal protein L12, putative	1,143	3,806E-44
TcCLB.509219.20	retrotransposon hot spot (RHS) protein, putative	1,143	2,037E-37
TcCLB.510101.30	60S ribosomal protein L28, putative	1,143	8,826E-36
TcCLB.510759.100	hypothetical protein, conserved	1,143	2,452E-33
TcCLB.507093.220	RNA-binding protein, putative	1,143	2,271E-30

TcCLB.504125.40	ATPase subunit 9, putative	1,143	5,817E-27
TcCLB.506025.14	ribosomal protein S29, putative	1,143	1,359E-24
TcCLB.510359.240	hypothetical protein, conserved	1,143	3,464E-19
TcCLB.503461.30	hypothetical protein, conserved	1,142	7,999E-33
TcCLB.508461.60	synaptojanin (N-terminal domain), putative	1,142	2,688E-25
TcCLB.508995.60	electron transport protein SCO1/2, putative	1,142	4,328E-17
TcCLB.506147.40	hypothetical protein	1,141	3,737E-20
TcCLB.510225.59	transporter, putative	1,141	2,613E-10
TcCLB.510431.110	hypothetical protein	1,14	1,972E-38
TcCLB.508811.10	hypothetical protein	1,14	2,352E-19
TcCLB.509207.30	hypothetical protein, conserved	1,14	1,67E-16
TcCLB.504139.10	retrotransposon hot spot protein (RHS, pseudogene), puta	1,14	5,28E-13
TcCLB.508543.30	40S ribosomal protein S9, putative	1,139	2,114E-58
TcCLB.506595.100	60S acidic ribosomal protein P2, putative	1,139	6,051E-39
TcCLB.509725.100	hypothetical protein, conserved (pseudogene)	1,139	2,158E-18
TcCLB.509767.240	hypothetical protein, conserved	1,139	1,197E-11
TcCLB.510497.199	dispersed gene family protein 1 (DGF-1), putative (fragme	1,139	0,001868
TcCLB.507649.70	nucleolar RNA-binding protein, putative	1,138	1,766E-54
TcCLB.508817.50	DNA repair protein RAD51, putative (RAD51)	1,138	5,741E-44
TcCLB.504741.20	GTP-binding protein, putative	1,138	2,285E-29
TcCLB.507669.20	hypothetical protein, conserved	1,138	1,441E-26
TcCLB.509743.19	dispersed gene family protein 1 (DGF-1), putative (fragme	1,138	1,867E-08
TcCLB.508283.10	dispersed gene family protein 1 (DGF-1), putative	1,138	2,006E-07
TcCLB.508441.20	Phosphoenolpyruvate carboxykinase [ATP], glycosomal	1,137	6,689E-48
TcCLB.503781.90	universal minicircle sequence binding protein 2, putative (	1,137	3,316E-34
TcCLB.507547.90	Phosphoenolpyruvate carboxykinase [ATP], glycosomal	1,136	7,279E-41
TcCLB.437121.9	hypothetical protein, conserved (fragment)	1,136	7,182E-22
TcCLB.506715.44	hypothetical protein, conserved	1,135	7,045E-14
TcCLB.510155.20	KREL1	1,134	2,216E-31
TcCLB.506633.109	hypothetical protein (fragment)	1,134	4,63E-17
TcCLB.418221.30	hypothetical protein, conserved	1,133	4,828E-45
TcCLB.506829.39	ribosomal protein S7, putative	1,132	8,137E-59
TcCLB.511145.46	60S ribosomal protein L37a, putative	1,132	1,192E-34
TcCLB.508173.100	Monooxygenase, putative	1,132	1,445E-24
TcCLB.508909.190	hypothetical protein, conserved	1,132	2,278E-21
TcCLB.506209.19	dispersed gene family protein 1 (DGF-1), putative (fragme	1,132	0,000879
TcCLB.511559.50	hypothetical protein, conserved	1,131	5,403E-30
TcCLB.509749.36	ribosomal protein L29, putative	1,131	5,41E-28
TcCLB.507179.20	dispersed gene family protein 1 (DGF-1), putative	1,131	3,686E-14
TcCLB.509023.30	hypothetical protein	1,131	1,1E-11
TcCLB.503823.130	hypothetical protein, conserved	1,13	5,037E-43
TcCLB.508777.110	hypothetical protein, conserved	1,13	1,165E-37
TcCLB.506727.60	hypothetical protein, conserved	1,13	5,23E-28
TcCLB.511655.20	hypothetical protein, conserved	1,13	1,341E-18
TcCLB.509903.10	dispersed gene family protein 1 (DGF-1, pseudogene), put	1,13	1,51E-17

TcCLB.509887.19	dispersed gene family protein 1 (DGF-1), putative	1,13	1,569E-08
TcCLB.510487.20	dispersed gene family protein 1 (DGF-1, pseudogene), putative	1,13	2,227E-06
TcCLB.510877.55	acyl-CoA binding protein, putative	1,129	4,375E-22
TcCLB.510299.10	hypothetical protein, conserved	1,129	3,81E-18
TcCLB.509749.30	hypothetical protein, conserved	1,129	1,537E-14
TcCLB.507645.11	hypothetical protein, conserved (fragment)	1,129	5,873E-13
TcCLB.509979.90	60S ribosomal protein L35, putative	1,128	1,011E-43
TcCLB.506683.140	beta galactofuranosyl glycosyltransferase (pseudogene), putative	1,128	4,969E-19
TcCLB.507539.10	hypothetical protein, conserved	1,128	8,581E-09
TcCLB.504339.10	hypothetical protein, conserved	1,128	9,948E-07
TcCLB.503903.50	hypothetical protein, conserved	1,127	7,165E-27
TcCLB.506325.33	ATP-dependent DEAD/H RNA helicase (pseudogene), putative	1,127	0,0004555
TcCLB.508577.70	hypothetical protein	1,126	9,448E-31
TcCLB.507681.170	hypothetical protein, conserved	1,126	2,4E-21
TcCLB.509551.60	hypothetical protein, conserved	1,126	2,117E-12
TcCLB.509331.180	aldose 1-epimerase-like protein, putative	1,126	2,292E-12
TcCLB.509805.84	hypothetical protein, conserved	1,126	1,436E-11
TcCLB.506639.50	dispersed gene family protein 1 (DGF-1, pseudogene), putative	1,126	5,267E-09
TcCLB.509149.40	60S ribosomal protein L19, putative	1,125	4,218E-76
TcCLB.506989.30	ABC transporter, putative	1,125	4,255E-48
TcCLB.507969.10	vesicular transport-associated repeat protein, putative	1,125	8,813E-33
TcCLB.510095.10	hypothetical protein	1,125	0,002229
TcCLB.457101.20	dynein heavy chain, cytosolic, putative	1,124	7,66E-32
TcCLB.509163.90	retrotransposon hot spot protein (RHS, pseudogene), putative	1,124	9,33E-26
TcCLB.503733.80	hypothetical protein, conserved	1,124	2,486E-24
TcCLB.510431.90	hypothetical protein, conserved	1,124	9,302E-13
TcCLB.508813.15	heat shock protein 70, putative (fragment)	1,124	8,781E-12
TcCLB.508803.19	dispersed gene family protein 1 (DGF-1), putative	1,124	1,822E-06
TcCLB.506247.210	hypothetical protein, conserved	1,123	1,202E-61
TcCLB.508173.10	retrotransposon hot spot protein (RHS, pseudogene), putative	1,123	1,263E-38
TcCLB.507093.320	hypothetical protein, conserved	1,123	4,707E-24
TcCLB.506795.29	hypothetical protein, conserved	1,123	6,313E-19
TcCLB.510151.19	fatty acyl CoA synthetase 1, putative	1,123	1,808E-18
TcCLB.506325.30	hypothetical protein, conserved (pseudogene)	1,123	4,236E-18
TcCLB.508177.40	hypothetical protein, conserved	1,122	1,658E-33
TcCLB.503471.10	protein tyrosine phosphatase, putative	1,122	3,45E-21
TcCLB.509047.14	hypothetical protein, conserved	1,122	1,016E-17
TcCLB.510113.20	dispersed gene family protein 1 (DGF-1, pseudogene), putative	1,122	5,877E-12
TcCLB.510357.100	hypothetical protein, conserved	1,121	1,035E-21
TcCLB.509895.10	mitochondrial RNA binding complex 1 subunit, putative	1,12	4,126E-67
TcCLB.506931.70	hypothetical protein, conserved	1,12	2,676E-28
TcCLB.503439.14	dispersed gene family protein 1 (DGF-1, pseudogene), putative	1,12	2,705E-08
TcCLB.508153.100	acyltransferase, putative	1,119	6,212E-20
TcCLB.506327.90	serine/threonine protein kinase, putative	1,118	6,862E-39
TcCLB.507787.50	membrane transporter protein (pseudogene), putative	1,118	4,696E-13

TcCLB.471403.9	dispersed gene family protein 1 (DGF-1), putative (fragment)	1,118	3,981E-12
TcCLB.511477.40	dispersed gene family protein 1 (DGF-1, pseudogene), putative	1,118	2,837E-10
TcCLB.507091.4	fructose kinase, putative	1,118	8,785E-10
TcCLB.509769.63	Ran-binding protein, putative	1,117	1,108E-20
TcCLB.511649.50	hypothetical protein, conserved	1,117	4,56E-19
TcCLB.506443.150	retrotransposon hot spot (RHS) protein, putative	1,116	1,883E-53
TcCLB.511647.70	hypothetical protein, conserved	1,115	3,354E-23
TcCLB.506553.20	bromodomain factor 2 protein	1,114	8,005E-28
TcCLB.506219.20	hypothetical protein	1,114	1,921E-12
TcCLB.506153.10	amino acid transporter, putative	1,113	6,481E-39
TcCLB.507019.86	40S ribosomal protein S30, putative	1,113	1,078E-22
TcCLB.507253.30	hypothetical protein, conserved (pseudogene)	1,113	5,383E-14
TcCLB.504035.84	succinate dehydrogenase subunit	1,113	2,034E-13
TcCLB.507563.9	dispersed gene family protein 1 (DGF-1), putative (fragment)	1,113	2,667E-13
TcCLB.506323.10	dispersed gene family protein 1 (DGF-1, pseudogene), putative	1,113	2,092E-08
TcCLB.507979.4	histone H2A, putative	1,113	2,332E-07
TcCLB.509457.10	hypothetical protein	1,112	1,932E-31
TcCLB.508811.30	hypothetical protein, conserved	1,112	5,27E-29
TcCLB.508223.30	retrotransposon hot spot protein (RHS, pseudogene), putative	1,112	0,00001926
TcCLB.509499.14	peroxidoxin	1,111	1,25E-35
TcCLB.503893.80	NADH dehydrogenase [ubiquinone] iron-sulfur protein 7, putative	1,111	1,929E-22
TcCLB.506885.410	hypothetical protein, conserved	1,111	5,022E-16
TcCLB.506859.70	guide RNA associated protein, GAP2, putative	1,111	5,422E-47
TcCLB.506149.10	folate/pteridine transporter, putative	1,111	3,805E-17
TcCLB.503735.20	hypothetical protein	1,111	1,795E-15
TcCLB.410243.10	hypothetical protein, conserved (fragment)	1,111	9,232E-11
TcCLB.505945.30	ribonuclease mar1, putative	1,109	1,074E-22
TcCLB.511773.40	hypothetical protein, conserved	1,109	0,00005443
TcCLB.510243.10	hypothetical protein, conserved	1,108	1,034E-14
TcCLB.511291.90	40S ribosomal protein S13, putative	1,107	4,292E-47
TcCLB.506135.40	hypothetical protein, conserved	1,107	6,492E-30
TcCLB.510173.70	MIX protein, putative	1,107	2,202E-15
TcCLB.487507.10	trypanothione peroxidase, putative	1,107	3,491E-13
TcCLB.510439.30	hypothetical protein, conserved	1,106	3,224E-34
TcCLB.509001.40	calpain-like cysteine peptidase, putative	1,105	4,914E-40
TcCLB.506459.270	hypothetical protein, conserved	1,105	5,127E-38
TcCLB.506519.130	guanosine monophosphate reductase, putative	1,105	1,599E-33
TcCLB.510339.20	hypothetical protein	1,105	1,423E-22
TcCLB.504229.4	retrotransposon hot spot (RHS) protein, putative	1,105	2,045E-12
TcCLB.509175.9	hypothetical protein, conserved	1,105	0,00001856
TcCLB.511653.69	DNA repair protein, putative (fragment)	1,104	5,11E-40
TcCLB.397937.10	pumilio/PUF RNA binding protein 1, putative (PUF1)	1,104	5,264E-18
TcCLB.510671.10	dispersed gene family protein 1 (DGF-1), putative	1,104	1,128E-10
TcCLB.503779.20	hypothetical protein, conserved	1,103	2,15E-21
TcCLB.504313.40	hypothetical protein, conserved (pseudogene)	1,103	1,057E-15

TcCLB.509871.70	retrotransposon hot spot protein (RHS, pseudogene), puta	1,103	1,52E-13
TcCLB.508893.30	hypothetical protein, conserved	1,103	7,827E-13
TcCLB.511807.60	hypothetical protein, conserved	1,102	2,114E-28
TcCLB.509455.80	GTP-binding nuclear protein rtb2, putative	1,102	4,686E-27
TcCLB.511357.9	hypothetical protein, conserved	1,102	1,094E-24
TcCLB.506401.360	hypothetical protein, conserved	1,102	1,008E-10
TcCLB.509275.10	elongation factor 1-gamma (EF-1-gamma, pseudogene),	1,102	0,0002399
TcCLB.510661.80	hypothetical protein	1,101	6,355E-32
TcCLB.510363.30	retrotransposon hot spot protein (RHS, pseudogene), puta	1,101	0,0003164
TcCLB.506959.40	enoyl-CoA hydratase/isomerase family protein, putative	1,1	6,112E-30
TcCLB.508881.54	hypothetical protein, conserved	1,1	1,443E-17
TcCLB.511517.5	70 kDa heat shock protein, putative (fragment)	1,1	6,142E-09
TcCLB.508587.40	dispersed gene family protein 1 (DGF-1, pseudogene), put	1,1	3,152E-08
TcCLB.506263.20	D-isomer specific 2-hydroxyacid dehydrogenase-protein, p	1,099	3,988E-33
TcCLB.504057.97	hypothetical protein, conserved	1,099	6,429E-17
TcCLB.511261.50	hypothetical protein, conserved	1,099	9,515E-16
TcCLB.509557.10	hypothetical protein	1,099	3,619E-15
TcCLB.507517.104	hypothetical protein, conserved	1,099	1,715E-12
TcCLB.506679.230	ribosomal protein L24, putative	1,098	1,624E-41
TcCLB.509791.80	hypothetical protein	1,098	5,639E-38
TcCLB.510155.110	hypothetical protein, conserved	1,098	6,258E-21
TcCLB.511007.20	retrotransposon hot spot (RHS) protein, putative	1,098	8,71E-12
TcCLB.506831.40	3-hydroxy-3-methylglutaryl-CoA reductase (HMGR)	1,097	2,26E-38
TcCLB.511285.80	hypothetical protein	1,097	3,713E-35
TcCLB.506495.9	hypothetical protein, conserved	1,097	5,339E-22
TcCLB.511391.90	endosomal integral membrane protein, putative	1,097	9,912E-21
TcCLB.511821.90	hypothetical protein, conserved	1,097	2,04E-14
TcCLB.511809.130	40S ribosomal protein S15, putative	1,097	3,461E-14
TcCLB.506239.10	hypothetical protein, conserved	1,097	1,824E-12
TcCLB.511825.50	centrin-4, putative (Centrin4)	1,096	5,259E-31
TcCLB.510743.100	chaperone DNAJ protein, putative	1,095	1,352E-31
TcCLB.510073.17	cysteine peptidase (C-terminal), putative	1,095	1,987E-31
TcCLB.509815.90	retrotransposon hot spot protein (RHS, pseudogene), puta	1,094	3,249E-17
TcCLB.511323.50	NADH-ubiquinone oxidoreductase, mitochondrial, putative	1,094	6,668E-13
TcCLB.511393.30	formin homology 2 (FH2) domain protein, putative	1,093	2,005E-41
TcCLB.511303.120	hypothetical protein, conserved	1,093	5,991E-41
TcCLB.508649.5	tryparedoxin peroxidase, putative (fragment)	1,093	1,443E-26
TcCLB.509559.20	retrotransposon hot spot protein (RHS, pseudogene), puta	1,093	4,025E-21
TcCLB.507221.80	5'-3' exoribonuclease C, putative (fragment) (XRNC)	1,093	7,409E-18
TcCLB.508515.20	translation factor sui1, putative	1,092	1,24E-21
TcCLB.511575.10	hypothetical protein, conserved	1,092	3,859E-18
TcCLB.509157.279	Chaperonin HSP60, mitochondrial (HSP60)	1,092	4,778E-11
TcCLB.506563.110	calpain-like cysteine peptidase (pseudogene), putative	1,091	1,316E-39
TcCLB.511303.70	hypothetical protein, conserved	1,091	1,802E-19
TcCLB.508771.10	cysteine peptidase, Clan CA, family C51, putative	1,091	0,0001686

TcCLB.503757.10	40S ribosomal protein SA, putative	1,09	2,386E-31
TcCLB.506833.79	hypothetical protein, conserved (fragment)	1,09	6,818E-25
TcCLB.511899.10	2-amino-3-ketobutyrate coenzyme A ligase, putative	1,09	2,879E-08
TcCLB.510823.70	60S acidic ribosomal protein, putative	1,089	2,04E-23
TcCLB.509979.14	peroxisomal membrane protein 4, putative	1,089	3,357E-22
TcCLB.509919.9	dispersed gene family protein 1 (DGF-1), putative (fragment)	1,089	2,984E-13
TcCLB.506649.90	hypothetical protein, conserved	1,088	5,244E-57
TcCLB.507515.10	glutathione peroxidase-like protein, putative	1,088	1,355E-19
TcCLB.503415.10	hypothetical protein (pseudogene)	1,088	2,454E-16
TcCLB.506129.20	dispersed gene family protein 1 (DGF-1, pseudogene), putative	1,088	0,0003144
TcCLB.494675.10	fatty acyl CoA synthetase 2, putative	1,087	6,496E-27
TcCLB.507603.90	hypothetical protein	1,087	1,591E-24
TcCLB.506375.120	hypothetical protein, conserved	1,087	1,108E-20
TcCLB.482971.9	dispersed gene family protein 1 (DGF-1), putative (fragment)	1,087	0,002544
TcCLB.510645.40	hypothetical protein, conserved (pseudogene)	1,086	1,623E-57
TcCLB.511421.170	hypothetical protein, conserved	1,086	1,316E-24
TcCLB.510785.10	hypothetical protein	1,086	2,591E-23
TcCLB.503401.29	hypothetical protein, conserved	1,086	5,795E-14
TcCLB.508815.130	hypothetical protein, conserved	1,085	1,166E-32
TcCLB.509289.30	hypothetical protein, conserved	1,085	1,311E-31
TcCLB.507969.60	C-14 sterol reductase, putative	1,085	1,582E-18
TcCLB.510535.30	hypothetical protein	1,085	2,743E-16
TcCLB.510347.40	hypothetical protein, conserved	1,084	1,908E-27
TcCLB.511127.74	hypothetical protein, conserved	1,084	1,099E-12
TcCLB.509633.60	serine/threonine-protein phosphatase PP1, putative	1,084	1,608E-09
TcCLB.506537.250	hypothetical protein, conserved	1,084	1,698E-08
TcCLB.507651.10	hypothetical protein, conserved (pseudogene)	1,082	6,006E-31
TcCLB.511809.90	hypothetical protein, conserved	1,082	3,96E-29
TcCLB.508547.50	maoC-like dehydratase, putative	1,082	2,321E-21
TcCLB.510243.80	hypothetical protein, conserved	1,082	7,095E-19
TcCLB.508409.140	hypothetical protein, conserved	1,082	8,709E-18
TcCLB.509747.104	hypothetical protein, conserved	1,082	2,766E-17
TcCLB.511289.70	Mitochondrial ADP/ATP carrier protein 5, putative (MCP5)	1,081	5,392E-37
TcCLB.508909.200	hypothetical protein	1,081	1,298E-27
TcCLB.503955.80	hypothetical protein	1,081	1,071E-16
TcCLB.511767.30	retrotransposon hot spot protein (RHS, pseudogene), putative	1,079	2,354E-23
TcCLB.507023.150	hypothetical protein	1,079	3,714E-21
TcCLB.506443.60	hypothetical protein	1,078	4,927E-22
TcCLB.508879.229	chaperone DNAJ protein, putative	1,078	1,713E-06
TcCLB.508221.714	retrotransposon hot spot protein (RHS, pseudogene), putative	1,078	0,01045
TcCLB.510355.70	retrotransposon hot spot protein (RHS, pseudogene), putative	1,077	6,583E-18
TcCLB.511665.15	dispersed gene family protein 1 (DGF-1), putative (fragment)	1,077	0,0001632
TcCLB.510835.40	60S ribosomal protein L7a, putative	1,076	8,247E-45
TcCLB.508277.65	hypothetical protein, conserved	1,076	1,479E-16
TcCLB.511417.90	phosphate-repressible phosphate permease, putative	1,076	3,623E-10

TcCLB.508543.90	plasma membrane Ca <sup>2+</sup> ATPase	1,075	4,442E-30
TcCLB.503671.10	Aminopeptidase M1, putative (fragment)	1,075	4,68E-19
TcCLB.510267.20	60S acidic ribosomal protein P2, putative	1,075	3,233E-18
TcCLB.508063.9	dispersed gene family protein 1 (DGF-1), putative (fragment)	1,075	0,00002135
TcCLB.504839.28	tryparedoxin peroxidase, putative	1,074	4,038E-34
TcCLB.511583.40	tricarboxylate carrier, putative	1,074	2,423E-24
TcCLB.509009.10	dynein heavy chain, cytosolic, putative	1,074	1,906E-18
TcCLB.507009.30	ribulose-phosphate 3-epimerase, putative	1,074	3,936E-14
TcCLB.509649.40	hypothetical protein	1,073	3,139E-26
TcCLB.509967.170	dynein arm light chain, putative	1,073	2,542E-25
TcCLB.507883.109	mitochondrial malate dehydrogenase, putative	1,072	4,847E-44
TcCLB.506937.30	60S ribosomal protein L14, putative	1,072	2,144E-36
TcCLB.510337.40	spermidine synthase, putative	1,072	6,565E-35
TcCLB.511431.40	glutaredoxin, putative	1,072	9,399E-16
TcCLB.511819.14	small nuclear ribonucleoprotein, putative	1,072	2,014E-15
TcCLB.508023.40	retrotransposon hot spot (RHS) protein, putative	1,072	1,497E-11
TcCLB.510629.120	dispersed gene family protein 1 (DGF-1, pseudogene), putative	1,072	0,0212
TcCLB.506195.300	deoxyhypusine synthase, putative	1,071	9,078E-26
TcCLB.510733.50	hypothetical protein, conserved	1,07	2,524E-41
TcCLB.509795.40	hypothetical protein, conserved	1,07	3,092E-18
TcCLB.503599.10	protein kinase, putative	1,07	8,703E-11
TcCLB.510359.630	retrotransposon hot spot protein (RHS, pseudogene), putative	1,07	0,00008731
TcCLB.508221.440	trans-sialidase (pseudogene), putative	1,07	0,0003773
TcCLB.504119.29	deoxyhypusine synthase, putative	1,069	6,852E-26
TcCLB.506183.9	pyruvate dehydrogenase (lipoamide) kinase, putative (fragment)	1,069	3,183E-12
TcCLB.507537.30	cysteinyl-tRNA synthetase, putative	1,068	4,235E-37
TcCLB.503997.19	hypothetical protein, conserved	1,068	2,345E-16
TcCLB.506487.37	hypothetical protein	1,068	0,0001265
TcCLB.509141.20	hypothetical protein	1,067	1,055E-10
TcCLB.508137.40	hypothetical protein, conserved	1,067	0,001329
TcCLB.508041.30	40S ribosomal protein S15A, putative	1,066	8,222E-58
TcCLB.506595.149	retrotransposon hot spot (RHS) protein, putative	1,066	2,937E-43
TcCLB.511023.10	pyrroline-5-carboxylate synthetase-like protein, putative	1,066	4,59E-24
TcCLB.508569.20	ubiquitin-conjugating enzyme E2, putative	1,066	1,379E-23
TcCLB.509569.44	Present in the outer mitochondrial membrane proteome	1,066	2,935E-14
TcCLB.509295.90	hypothetical protein	1,066	2,818E-10
TcCLB.511287.120	40S ribosomal protein S2, putative	1,065	4,331E-44
TcCLB.511667.120	dispersed gene family protein 1 (DGF-1, pseudogene), putative	1,065	2,823E-08
TcCLB.508221.199	elongation factor 1-gamma (EF-1-gamma), putative	1,065	0,002215
TcCLB.511911.30	mismatch repair protein MSH4 (pseudogene), putative	1,064	4,237E-21
TcCLB.509725.126	N-acetyltransferase complex ARD1 subunit (pseudogene), putative	1,064	0,0001224
TcCLB.506369.60	hypothetical protein, conserved	1,063	4,372E-12
TcCLB.509891.60	hypothetical protein, conserved	1,062	4,759E-15
TcCLB.507485.60	hypothetical protein, conserved	1,06	2,638E-22
TcCLB.510359.120	hypothetical protein, conserved (pseudogene)	1,06	1,455E-20



TcCLB.511577.100	hypothetical protein, conserved	1,06	3,163E-16
TcCLB.510101.180	40S ribosomal protein S5, putative	1,06	6,571E-06
TcCLB.506843.137	retrotransposon hot spot protein (RHS, pseudogene), puta	1,06	0,001092
TcCLB.506443.40	mitochondrial pyruvate carrier protein 2, putative	1,059	2,41E-21
TcCLB.508953.10	hypothetical protein, conserved	1,059	5,083E-10
TcCLB.510101.420	40S ribosomal protein S21, putative	1,058	2,525E-45
TcCLB.506989.190	heat shock protein 90, putative (LPG3)	1,058	7,874E-37
TcCLB.510187.530	hypothetical protein, conserved	1,058	6,102E-26
TcCLB.511929.30	retrotransposon hot spot (RHS) protein, putative	1,058	8,522E-16
TcCLB.508153.300	hypothetical protein, conserved	1,057	5,731E-38
TcCLB.511237.60	40S ribosomal protein S33, putative	1,057	1,633E-36
TcCLB.503575.60	protein kinase, putative	1,057	6,941E-26
TcCLB.511827.50	hypothetical protein	1,057	9,366E-13
TcCLB.510279.290	dispersed gene family protein 1 (DGF-1, pseudogene), put	1,057	0,0000173
TcCLB.506135.9	heat shock 70 kDa protein, putative (fragment)	1,056	3,36E-37
TcCLB.509053.140	succinate dehydrogenase subunit	1,056	1,377E-30
TcCLB.508799.60	DNA ligase, putative	1,056	7,132E-16
TcCLB.509891.40	hypothetical protein, conserved	1,055	1,495E-16
TcCLB.507711.20	paraflagellar rod component, putative (PFC16)	1,055	4,218E-11
TcCLB.511817.151	histone H2A, putative	1,055	0,001904
TcCLB.510711.10	trans-sialidase (pseudogene), putative	1,055	0,01144
TcCLB.511041.40	hexose transporter, putative	1,054	0,0001417
TcCLB.506843.75	hypothetical protein, conserved (pseudogene)	1,054	0,0003609
TcCLB.510293.54	hypothetical protein, conserved	1,053	3,418E-25
TcCLB.507659.10	hypothetical protein, conserved	1,053	9,125E-22
TcCLB.511239.90	hypothetical protein	1,053	1,271E-19
TcCLB.511229.30	hypothetical protein, conserved	1,052	2,015E-20
TcCLB.507619.10	hypothetical protein, conserved (fragment)	1,052	4,467E-17
TcCLB.510849.11	retrotransposon hot spot protein (RHS, pseudogene), puta	1,052	5,865E-07
TcCLB.507105.40	60S ribosomal protein L44 (RPL44)	1,051	1,511E-19
TcCLB.509019.21	retrotransposon hot spot protein (RHS, pseudogene), puta	1,051	1,209E-16
TcCLB.508677.60	hypothetical protein	1,051	9,621E-08
TcCLB.511805.15	ribosomal protein S29, putative	1,051	0,0008715
TcCLB.506503.50	hypothetical protein, conserved	1,05	2,155E-27
TcCLB.509849.30	hypothetical protein	1,049	1,443E-39
TcCLB.510323.20	hypothetical protein, conserved	1,049	1,673E-36
TcCLB.507927.60	hypothetical protein, conserved	1,049	8,8E-35
TcCLB.511909.40	Succinate dehydrogenase [ubiquinone] flavoprotein subun	1,049	2,79E-33
TcCLB.504069.80	ATP synthase F1 subunit gamma protein, putative (ATPF1	1,049	7,914E-21
TcCLB.511431.60	hypothetical protein, conserved	1,049	7,147E-11
TcCLB.425785.18	hypothetical protein, conserved	1,049	0,00004267
TcCLB.510507.29	hypothetical protein, conserved	1,048	9,451E-14
TcCLB.509013.19	calpain-like cysteine peptidase, putative (fragment)	1,048	4,781E-06
TcCLB.508737.100	ATP-dependent Clp protease subunit, heat shock protein 7	1,047	9,417E-27
TcCLB.510941.3	protein kinase, putative (fragment)	1,047	3,641E-20

TcCLB.504049.40	retrotransposon hot spot protein (RHS, pseudogene), puta	1,047	1,828E-16
TcCLB.511825.220	alanyl-tRNA synthetase, putative	1,046	7,945E-50
TcCLB.506829.90	conserved protein	1,046	2,182E-37
TcCLB.511239.110	hypothetical protein, conserved	1,046	9,489E-25
TcCLB.470169.9	hypothetical protein, conserved	1,046	8,922E-13
TcCLB.508637.40	hypothetical protein, conserved	1,046	8,517E-10
TcCLB.510667.100	hypothetical protein, conserved	1,045	1,444E-32
TcCLB.508083.10	Present in the outer mitochondrial membrane proteome 1	1,045	6,66E-31
TcCLB.511001.40	hypothetical protein	1,045	1,449E-21
TcCLB.511233.59	hypothetical protein, conserved	1,045	2,455E-18
TcCLB.510855.20	hypothetical protein, conserved	1,044	8,412E-15
TcCLB.506563.200	calpain cysteine peptidase, putative	1,043	3,836E-27
TcCLB.508787.20	hypothetical protein	1,043	1,95E-25
TcCLB.509913.10	3-methylcrotonyl-CoA carboxylase, putative	1,043	3,207E-24
TcCLB.510257.100	mitochondrial RNA binding complex 1 subunit, putative	1,042	1,528E-33
TcCLB.506331.174	dispersed gene family protein 1 (DGF-1, pseudogene), put	1,042	7,082E-07
TcCLB.506627.20	hypothetical protein, conserved	1,041	1,085E-37
TcCLB.509047.40	hypothetical protein, conserved	1,041	1,096E-34
TcCLB.506675.20	hypothetical protein, conserved (pseudogene)	1,041	1,47E-22
TcCLB.507943.30	histone H4, putative	1,041	3,296E-21
TcCLB.510101.430	40S ribosomal protein S21, putative	1,041	2,812E-18
TcCLB.507551.9	dispersed gene family protein 1 (DGF-1), putative	1,041	4,749E-15
TcCLB.438059.10	serine/threonine-protein phosphatase PP1 alpha	1,041	2,937E-09
TcCLB.509505.70	10 kDa heat shock protein, putative	1,041	0,1265
TcCLB.510395.10	ATP synthase F1, alpha subunit, putative (ATPF1A)	1,04	3,788E-25
TcCLB.507711.300	Archaic translocase of outer membrane 11 kDa subunit, p	1,04	4,006E-13
TcCLB.506629.40	hypothetical protein, conserved	1,039	7,755E-37
TcCLB.508501.290	Kinesin-13 1, putative (KIN13-1)	1,039	7,012E-36
TcCLB.509109.50	hypothetical protein	1,039	4,112E-28
TcCLB.510861.30	hypothetical protein, conserved	1,039	4,252E-24
TcCLB.510661.70	hypothetical protein, conserved	1,039	1,879E-16
TcCLB.506925.400	hypothetical protein, conserved	1,038	9,354E-29
TcCLB.511209.54	ribosomal protein S29, putative	1,038	7,353E-26
TcCLB.505945.80	hypothetical protein, conserved	1,038	9,106E-21
TcCLB.508257.180	hypothetical protein, conserved	1,038	1,076E-19
TcCLB.506695.7	hypothetical protein, conserved	1,038	2,086E-11
TcCLB.510447.10	dispersed gene family protein 1 (DGF-1), putative	1,038	0,08473
TcCLB.508909.20	guanosine monophosphate reductase, putative	1,037	1,458E-40
TcCLB.506363.90	amidohydrolase, putative	1,037	3,686E-21
TcCLB.506831.10	hypothetical protein	1,037	3,589E-20
TcCLB.509549.110	hypothetical protein, conserved (pseudogene)	1,036	8,517E-23
TcCLB.506859.240	hypothetical protein, conserved	1,036	0,0001209
TcCLB.509007.99	P-glycoprotein (pseudogene) (tcpgp1)	1,035	6,711E-32
TcCLB.510101.360	hypothetical protein, conserved	1,035	8,113E-29
TcCLB.506855.250	hypothetical protein, conserved	1,035	2,072E-25

TcCLB.511001.150	hypothetical protein, conserved	1,035	6,25E-15
TcCLB.503579.60	hypothetical protein	1,035	8,93E-14
TcCLB.508475.10	ribosomal protein S20, putative	1,034	6,084E-20
TcCLB.508153.164	hypothetical protein, conserved	1,034	3,006E-16
TcCLB.507529.10	hypothetical Zinc-finger containing protein	1,034	6,707E-13
TcCLB.505957.20	dispersed gene family protein 1 (DGF-1, pseudogene), putative	1,034	4,481E-08
TcCLB.510483.280	90 kDa surface protein, putative	1,034	1,349E-06
TcCLB.511049.40	leucyl-tRNA synthetase, putative	1,033	5,359E-44
TcCLB.511727.270	RNA-binding protein, putative	1,033	2,381E-42
TcCLB.506485.10	hypothetical protein, conserved	1,033	1,054E-11
TcCLB.506839.89	mitochondrial chaperone BCS1, putative (fragment)	1,033	1,587E-09
TcCLB.504011.70	hypothetical protein, conserved	1,033	4,097E-06
TcCLB.503539.30	GTP-binding nuclear protein rtb2, putative	1,032	9,928E-41
TcCLB.509695.184	40S ribosomal protein S23, putative	1,032	2,827E-38
TcCLB.511903.170	hypothetical protein, conserved	1,032	5,606E-27
TcCLB.509149.60	60S ribosomal protein L19, putative	1,032	2,066E-19
TcCLB.511165.54	pterin-4-alpha-carbinolamine dehydratase, putative	1,032	9,931E-17
TcCLB.511801.34	hypothetical protein, conserved	1,032	4,22E-16
TcCLB.511051.80	DNA/RNA non-specific endonuclease protein-like, putative	1,031	1,736E-12
TcCLB.507783.10	ribosomal P protein AGP2beta-1, putative	1,031	4,611E-08
TcCLB.506271.30	retrotransposon hot spot (RHS) protein, putative (fragment)	1,031	3,227E-07
TcCLB.508189.20	dispersed gene family protein 1 (DGF-1, pseudogene), putative	1,031	0,00003451
TcCLB.504001.20	hypothetical protein, conserved	1,03	7,718E-18
TcCLB.508677.90	hypothetical protein, conserved	1,03	2,07E-08
TcCLB.508125.65	elongation factor 1-gamma (EF-1-gamma, pseudogene), putative	1,03	0,0003845
TcCLB.504181.20	40S ribosomal protein S23, putative	1,029	6,807E-50
TcCLB.503395.50	40S ribosomal protein S12, putative	1,029	2,099E-36
TcCLB.510815.9	dispersed gene family protein 1 (DGF-1), putative	1,029	1,933E-16
TcCLB.511109.130	heterogeneous nuclear ribonucleoprotein H/F, putative	1,028	6,899E-21
TcCLB.509437.183	hypothetical protein, conserved (pseudogene)	1,028	1,011E-16
TcCLB.507501.10	retrotransposon hot spot (RHS) protein, putative	1,027	1,847E-75
TcCLB.504069.56	60S ribosomal protein L37a, putative	1,027	9,113E-27
TcCLB.507721.20	clathrin assembly protein (pseudogene), putative	1,027	1,301E-24
TcCLB.503467.20	hypothetical protein, conserved	1,027	1,598E-24
TcCLB.503905.50	hypothetical protein, conserved	1,027	7,208E-09
TcCLB.506999.191	hypothetical protein, conserved (fragment)	1,027	0,00003585
TcCLB.511817.180	histone H2A, putative	1,027	0,001973
TcCLB.507019.40	histidyl-tRNA synthetase	1,026	1,219E-32
TcCLB.506775.180	hypothetical protein, conserved	1,026	2,318E-31
TcCLB.506779.190	Unconventional myosin	1,026	4,8E-21
TcCLB.509875.120	trans-sialidase, Group II, putative	1,026	1,167E-12
TcCLB.509779.4	hypothetical protein, conserved	1,025	3,52E-13
TcCLB.507681.150	40S ribosomal protein S24E, putative	1,024	1,474E-19
TcCLB.510359.371	elongation factor 1-gamma (EF-1-gamma, pseudogene), putative	1,024	2,271E-06
TcCLB.507039.10	iron superoxide dismutase, putative	1,023	1,238E-29

TcCLB.506945.320	hypothetical protein, conserved	1,023	7,978E-23
TcCLB.507521.150	dispersed gene family protein 1 (DGF-1), putative	1,023	7,777E-10
TcCLB.510145.20	cofilin/actin depolymerizing factor, putative	1,022	3,154E-29
TcCLB.506775.14	hypothetical protein, conserved	1,022	1,329E-20
TcCLB.510839.20	hypothetical protein	1,022	1,445E-15
TcCLB.506581.14	peptidyl-prolyl cis-trans isomerase, putative	1,022	3,809E-12
TcCLB.508781.10	structural maintenance of chromosome protein 4 (pseudo	1,022	2,088E-06
TcCLB.507007.70	hypothetical protein, conserved	1,021	2,251E-17
TcCLB.507993.36	hypothetical protein, conserved	1,021	4,062E-10
TcCLB.506679.250	ribosomal protein L24, putative	1,02	1,514E-37
TcCLB.505807.20	hypothetical protein, conserved	1,02	2,71E-21
TcCLB.503555.30	trypanothione reductase, putative	1,02	1,89E-19
TcCLB.510665.60	hypothetical protein, conserved (pseudogene)	1,02	2,961E-19
TcCLB.507523.75	mucin TcMUCII (pseudogene), putative	1,02	0,001608
TcCLB.508355.420	cation transporter protein, putative	1,019	1,658E-16
TcCLB.504769.89	hypothetical protein, conserved	1,019	5,303E-14
TcCLB.511487.130	trans-sialidase (pseudogene), putative	1,019	0,00004793
TcCLB.508561.10	dispersed gene family protein 1 (DGF-1), putative	1,019	0,0001121
TcCLB.509857.50	bilobe protein, conserved	1,018	3,495E-29
TcCLB.510431.30	amino acid permease, putative	1,018	9,497E-18
TcCLB.508975.4	hypothetical protein, conserved (fragment)	1,018	7,927E-12
TcCLB.506659.35	hypothetical protein, conserved	1,018	5,841E-09
TcCLB.507871.9	dispersed gene family protein 1 (DGF-1), putative	1,018	0,003351
TcCLB.508319.10	hypothetical protein	1,018	0,02988
TcCLB.511067.20	60S ribosomal protein L26, putative	1,017	2,874E-38
TcCLB.503395.40	60S ribosomal protein L18, putative	1,017	2,209E-34
TcCLB.508457.20	hypothetical protein, conserved	1,017	1,032E-25
TcCLB.510719.140	hypothetical protein, conserved	1,017	1,927E-18
TcCLB.508547.160	hypothetical protein, conserved	1,017	6,295E-18
TcCLB.507519.154	hypothetical protein, conserved	1,017	2,189E-14
TcCLB.506063.20	retrotransposon hot spot protein (RHS, pseudogene), puta	1,017	1,604E-13
TcCLB.509087.20	dispersed gene family protein 1 (DGF-1), putative	1,017	2,079E-09
TcCLB.505647.10	hypothetical protein, conserved	1,016	1,124E-34
TcCLB.506825.190	hypothetical protein	1,016	5,788E-20
TcCLB.508879.120	hypothetical protein, conserved	1,016	1,166E-19
TcCLB.507573.10	hypothetical protein, conserved (pseudogene)	1,016	1,084E-17
TcCLB.511111.20	hypothetical protein	1,016	4,778E-17
TcCLB.507725.9	dispersed gene family protein 1 (DGF-1, pseudogene), put	1,016	1,613E-11
TcCLB.503965.39	hypothetical protein, conserved	1,016	1,285E-09
TcCLB.510769.49	40S ribosomal protein S6, putative	1,015	1,713E-44
TcCLB.507873.30	Double RNA binding domain protein 7 (DRBD7)	1,015	5,02E-28
TcCLB.508827.70	40S ribosomal protein S17, putative	1,015	2,372E-27
TcCLB.510943.40	protein kinase, putative	1,015	4,894E-26
TcCLB.506637.10	hypothetical protein, conserved	1,015	2,105E-23
TcCLB.506367.170	hypothetical protein	1,015	2,861E-22

TcCLB.504797.20	hypothetical protein, conserved	1,015	6,719E-21
TcCLB.503891.50	hypothetical protein, conserved	1,015	4,008E-19
TcCLB.506157.30	retrotransposon hot spot protein (RHS, pseudogene), puta	1,015	3,449E-14
TcCLB.509065.36	hypothetical protein, conserved	1,015	1,935E-12
TcCLB.506375.80	hypothetical protein, conserved	1,015	4,769E-09
TcCLB.503967.19	hypothetical protein	1,015	5,942E-08
TcCLB.509845.9	dispersed gene family protein 1 (DGF-1), putative	1,015	0,00003913
TcCLB.506963.10	60S ribosomal protein L10a, putative	1,014	1,17E-44
TcCLB.507991.123	hypothetical protein, conserved	1,014	1,117E-14
TcCLB.508183.29	hypothetical protein, conserved (fragment)	1,014	1,1E-11
TcCLB.511769.20	dispersed gene family protein 1 (DGF-1), putative	1,014	7,322E-09
TcCLB.509437.140	retrotransposon hot spot protein (RHS, pseudogene), puta	1,014	2,299E-07
TcCLB.511487.30	dispersed gene family protein 1 (DGF-1), putative	1,014	9,785E-06
TcCLB.510625.240	cell-surface protein (cysteine-rich repeat motif) (pseudog	1,014	0,0461
TcCLB.510311.10	hypothetical protein, conserved	1,013	3,141E-25
TcCLB.506223.60	hypothetical protein, conserved	1,013	5,13E-14
TcCLB.511809.99	40S ribosomal protein S15, putative	1,013	2,376E-11
TcCLB.508001.106	serine/threonine protein kinase (pseudogene), putative	1,013	0,0004238
TcCLB.503905.10	myosin heavy chain, putative	1,012	3,496E-23
TcCLB.511589.10	ATP synthase, putative	1,012	8,962E-21
TcCLB.506845.21	N-acetyltransferase complex ARD1 subunit (pseudogene),	1,012	0,03862
TcCLB.509607.40	hypothetical protein	1,011	3,019E-18
TcCLB.506559.70	hypothetical protein, conserved	1,011	1,111E-16
TcCLB.503607.7	glycine dehydrogenase (pseudogene), putative	1,011	5,551E-13
TcCLB.511753.9	hypothetical protein, conserved	1,011	2,44E-09
TcCLB.504195.9	dispersed gene family protein 1 (DGF-1, pseudogene), put	1,011	0,0003213
TcCLB.510425.19	40S ribosomal protein SA, putative	1,01	5,594E-32
TcCLB.510407.20	hypothetical protein, conserved	1,01	1,095E-22
TcCLB.509099.89	hypothetical protein, conserved	1,01	1,124E-17
TcCLB.507831.90	60S ribosomal protein L34, putative	1,01	1,08E-14
TcCLB.507801.200	dispersed gene family protein 1 (DGF-1), putative	1,01	0,01449
TcCLB.510357.80	hypothetical protein, conserved	1,009	5,751E-18
TcCLB.511621.120	hypothetical protein, conserved	1,009	7,33E-10
TcCLB.508293.100	chitin-binding like protein, putative	1,009	0,02973
TcCLB.511051.39	40S ribosomal protein S4, putative	1,008	6,12E-40
TcCLB.511237.10	thimet oligopeptidase, putative	1,008	9,637E-27
TcCLB.508461.480	60S ribosomal protein L23, putative	1,007	2,357E-46
TcCLB.511671.149	phosphate transporter, putative (PHO91)	1,007	4,637E-19
TcCLB.505999.10	phosphate-repressible phosphate permease, putative	1,007	6,062E-19
TcCLB.506275.20	ATP-dependent protease subunit HslV, putative (HslV)	1,007	3,856E-17
TcCLB.507021.40	hypothetical protein, conserved	1,007	9,286E-11
TcCLB.510101.40	60S ribosomal protein L28, putative	1,006	1,525E-40
TcCLB.508827.79	40S ribosomal protein S17, putative	1,006	2,455E-34
TcCLB.511751.260	hypothetical protein, conserved	1,006	2,916E-08
TcCLB.506963.20	60S ribosomal protein L34, putative	1,005	1,215E-40

TcCLB.505843.10	glutamate dehydrogenase, putative	1,005	6,735E-26
TcCLB.509799.30	adenyl cyclase-associated protein, putative	1,005	3,489E-17
TcCLB.511001.120	60S ribosomal protein L18a, putative	1,004	2,714E-52
TcCLB.509695.150	kinesin, putative	1,004	1,523E-51
TcCLB.506181.59	40S ribosomal protein S12, putative	1,004	9,728E-34
TcCLB.511807.253	hypothetical protein, conserved	1,004	1,724E-24
TcCLB.510609.50	nuclear receptor binding factor, putative	1,004	5,404E-17
TcCLB.463155.10	retrotransposon hot spot protein (RHS, pseudogene), puta	1,004	1,883E-13
TcCLB.508197.10	60S ribosomal protein L11, putative	1,003	2,145E-37
TcCLB.506727.50	hypothetical protein, conserved	1,003	1,131E-21
TcCLB.505037.40	hypothetical protein, conserved	1,003	1,156E-17
TcCLB.507009.50	hypothetical protein, conserved	1,003	6,968E-15
TcCLB.503599.30	hypothetical protein, conserved	1,003	1,089E-12
TcCLB.511133.20	thymidine kinase, putative	1,003	2,204E-10
TcCLB.457109.9	dispersed gene family protein 1 (DGF-1), putative (fragme	1,003	5,684E-10
TcCLB.511569.14	dispersed gene family protein 1 (DGF-1), putative	1,003	1,322E-08
TcCLB.510219.30	CPSF 30 kDa subunit, putative (CPSF30)	1,002	2,717E-18
TcCLB.507895.110	hypothetical protein, conserved	1,002	4,123E-15
TcCLB.510195.9	dispersed gene family protein 1 (DGF-1), putative	1,002	1,251E-08
TcCLB.511173.483	mucin TcMUCII (pseudogene), putative	1,002	0,004105
TcCLB.504181.10	60S ribosomal protein L9, putative	1,001	3,983E-42
TcCLB.506739.170	hypothetical protein, conserved	1,001	1,584E-22
TcCLB.510999.39	40S ribosomal protein S3A, putative (fragment)	1,001	6,378E-20
TcCLB.506903.50	dispersed gene family protein 1 (DGF-1, pseudogene), put	1	3,47E-10
TcCLB.508707.310	leucine rich repeat protein, putative	0,9999	1,379E-29
TcCLB.508479.216	hypothetical protein, conserved	0,9999	1,951E-18
TcCLB.510285.20	hypothetical protein, conserved	0,9996	8,884E-25
TcCLB.510117.10	retrotransposon hot spot protein (RHS, pseudogene), puta	0,9996	4,949E-16
TcCLB.508981.30	hypothetical protein, conserved	0,9995	7,577E-13
TcCLB.509725.113	ATP-dependent DEAD/H RNA helicase (pseudogene), puta	0,9992	0,00007478
TcCLB.506585.40	glucose-regulated protein 78, putative	0,999	9,005E-38
TcCLB.511663.19	dispersed gene family protein 1 (DGF-1), putative (fragme	0,999	1,148E-06
TcCLB.506817.10	hypothetical protein, conserved	0,9987	1,559E-38
TcCLB.510565.40	hypothetical protein	0,9982	4,25E-14
TcCLB.509157.90	hypothetical protein, conserved	0,9981	7,249E-41
TcCLB.508041.50	hypothetical protein, conserved	0,9979	2,068E-27
TcCLB.506529.410	primase 2, putative	0,9978	6,768E-27
TcCLB.511717.130	hypothetical protein, conserved	0,9975	1,659E-13
TcCLB.509569.94	hypothetical protein, conserved	0,9975	2,235E-11
TcCLB.508501.230	monothiol glutaredoxin, putative	0,997	1,776E-13
TcCLB.506543.90	cytochrome c oxidase assembly protein, putative	0,9969	2,448E-16
TcCLB.510535.64	hypothetical protein, conserved	0,9966	1,176E-19
TcCLB.503847.50	hypothetical protein, conserved	0,9959	2,2E-11
TcCLB.508045.70	hypothetical protein, conserved	0,9958	3,245E-45
TcCLB.509105.90	MRB1-associated protein, putative (RGG2)	0,9957	2,805E-13

TcCLB.506405.10	phosphomannomutase-like protein, putative	0,9955	8,313E-29
TcCLB.506181.50	60S ribosomal protein L18, putative	0,9954	1,641E-38
TcCLB.508479.110	glutathionylspermidine synthase, putative	0,9954	1,523E-33
TcCLB.504257.9	RNA-binding protein 42 (RNA-binding motif protein 42), p	0,9954	9,628E-14
TcCLB.511395.80	hypothetical protein	0,9952	3,851E-19
TcCLB.503719.20	40S ribosomal protein SA, putative	0,9951	7,229E-29
TcCLB.509241.10	surface protease GP63, putative (fragment)	0,9949	5,571E-06
TcCLB.511727.145	hypothetical protein	0,9944	4,497E-24
TcCLB.506919.40	retrotransposon hot spot protein (RHS, pseudogene), puta	0,9943	0,0008883
TcCLB.508331.30	Checkpoint protein HUS1, putative	0,9942	1,537E-12
TcCLB.509659.20	dispersed gene family protein 1 (DGF-1, pseudogene), put	0,9942	0,00003196
TcCLB.510759.150	hypothetical protein, conserved	0,9934	9,722E-28
TcCLB.503751.10	hypothetical protein	0,9932	5,43E-16
TcCLB.510339.74	mitochondrial carrier protein, putative	0,9926	2,192E-20
TcCLB.506755.110	hypothetical protein, conserved	0,9922	7,654E-29
TcCLB.510857.30	hypothetical protein, conserved	0,992	1,126E-24
TcCLB.504427.20	hypothetical protein, conserved	0,992	9,428E-12
TcCLB.511183.140	dispersed gene family protein 1 (DGF-1), putative	0,9917	0,000396
TcCLB.511751.80	hypothetical protein	0,9913	4,018E-16
TcCLB.505193.110	serine/threonine protein kinase, putative	0,9912	1,573E-31
TcCLB.511545.40	ribosomal protein L27, putative	0,9912	8,423E-07
TcCLB.507001.80	acyl-CoA dehydrogenase, putative	0,9907	1,904E-17
TcCLB.510761.44	cyclophilin-like protein, putative	0,9906	1,225E-31
TcCLB.510943.198	hypothetical protein, conserved	0,9902	2,885E-10
TcCLB.510901.60	replication factor A, 51kDa subunit, putative	0,9901	2,587E-20
TcCLB.507255.30	retrotransposon hot spot protein (RHS, pseudogene), puta	0,9899	2,931E-14
TcCLB.508249.10	dispersed gene family protein 1 (DGF-1), putative	0,9899	2,776E-06
TcCLB.509757.49	L-ribulokinase, putative	0,9898	0,0002574
TcCLB.511883.30	dispersed gene family protein 1 (DGF-1, pseudogene), put	0,9897	1,641E-08
TcCLB.510187.439	hypothetical protein	0,989	8,108E-34
TcCLB.506357.120	ethanolamine phosphotransferase, putative	0,989	5,103E-16
TcCLB.508391.10	dispersed gene family protein 1 (DGF-1), putative	0,9889	0,0004384
TcCLB.506843.50	glycine dehydrogenase [decarboxylating] (pseudogene), p	0,9887	0,0006415
TcCLB.503487.30	hypothetical protein, conserved	0,9886	3,165E-15
TcCLB.509759.19	pumilio/PUF RNA binding protein 1, putative (PUF1)	0,9879	2,814E-29
TcCLB.510091.50	hypothetical protein, conserved	0,9879	5,32E-19
TcCLB.507623.129	vacuolar type h ATPase subunit, putative	0,9878	1,428E-14
TcCLB.509779.10	DNA repair protein, putative	0,9876	3,251E-24
TcCLB.511577.144	hypothetical protein, conserved	0,9875	5,092E-10
TcCLB.507711.40	RNA-binding protein, putative	0,9873	3,887E-16
TcCLB.510911.50	glycine dehydrogenase [decarboxylating], putative	0,9873	0,0000104
TcCLB.511303.150	hypothetical protein, conserved	0,9872	3,23E-14
TcCLB.510087.80	hypothetical protein, conserved	0,9871	6,112E-26
TcCLB.508619.10	retrotransposon hot spot protein (RHS, pseudogene), puta	0,987	3,547E-18
TcCLB.511727.290	RNA-binding protein, putative	0,9869	4,803E-49

TcCLB.504147.120	60S ribosomal protein L22, putative	0,9869	8,232E-46
TcCLB.507125.30	retrotransposon hot spot protein (RHS, pseudogene), puta	0,9868	0,0001027
TcCLB.507245.20	trans-sialidase (pseudogene), putative	0,986	7,405E-10
TcCLB.510437.20	60S ribosomal protein L14, putative	0,9858	8,241E-34
TcCLB.507229.29	dispersed gene family protein 1 (DGF-1), putative	0,9855	0,004995
TcCLB.503575.34	ribosomal protein L38, putative	0,9854	3,173E-24
TcCLB.507079.20	dynein heavy chain, cytosolic, putative	0,9853	2,75E-17
TcCLB.508821.50	vacuolar type h ATPase subunit, putative	0,984	5,038E-15
TcCLB.506393.30	beta galactofuranosyl glycosyltransferase, putative	0,9837	6,361E-09
TcCLB.509331.189	hypothetical protein, conserved	0,983	1,116E-10
TcCLB.508567.30	hypothetical protein	0,983	1,122E-10
TcCLB.445281.9	calpain-like cysteine peptidase, putative	0,9829	0,0001238
TcCLB.509979.95	60S ribosomal protein L35, putative	0,9828	1,807E-32
TcCLB.511245.24	hypothetical protein, conserved	0,9827	4,46E-32
TcCLB.504351.30	hypothetical protein, conserved (pseudogene)	0,9827	2,002E-10
TcCLB.509733.40	hypothetical protein, conserved	0,9822	4,757E-20
TcCLB.507253.70	N-acetyltransferase complex ARD1 subunit (pseudogene),	0,9817	0,02272
TcCLB.507017.70	ribosomal RNA adenine dimethylase family protein, putat	0,9815	3,284E-24
TcCLB.508207.240	C-1-tetrahydrofolate synthase, cytoplasmic, putative	0,9814	1,224E-16
TcCLB.508851.59	ATP synthase, putative	0,9814	7,024E-16
TcCLB.507533.21	clathrin assembly protein (pseudogene), putative	0,9811	7,745E-27
TcCLB.511903.130	60S ribosomal protein L26, putative	0,9805	2,626E-44
TcCLB.506825.24	hypothetical protein, conserved	0,9804	2,167E-22
TcCLB.509033.10	trans-sialidase (pseudogene), putative	0,9801	0,0002825
TcCLB.506985.30	proteasome alpha 3 subunit, putative	0,9799	1,362E-20
TcCLB.503667.39	dispersed gene family protein 1 (DGF-1), putative (fragme	0,9798	4,005E-06
TcCLB.508041.40	hypothetical protein	0,9792	1,345E-22
TcCLB.507491.39	hypothetical protein, conserved	0,9788	2,72E-13
TcCLB.511589.110	hypothetical protein, conserved	0,9787	1,541E-27
TcCLB.511899.40	2-amino-3-ketobutyrate coenzyme A ligase, putative	0,9784	1,122E-21
TcCLB.511249.10	ADP/ATP mitochondrial carrier protein, putative	0,9782	1,349E-22
TcCLB.511319.30	hypothetical protein	0,9782	1,836E-12
TcCLB.506205.20	hypothetical protein	0,978	9,187E-23
TcCLB.509109.30	hypothetical protein, conserved	0,9778	6,166E-10
TcCLB.510095.80	hypothetical protein	0,9777	0,001413
TcCLB.508321.40	hypothetical protein, conserved	0,9774	1,177E-34
TcCLB.507519.110	60S ribosomal protein L7, putative	0,9773	3,092E-37
TcCLB.510479.11	retrotransposon hot spot (RHS) protein, putative (fragmer	0,9773	9,859E-19
TcCLB.508465.110	acyl-CoA dehydrogenase, putative	0,9772	1,349E-19
TcCLB.507529.20	hypothetical protein, conserved	0,9771	7,894E-30
TcCLB.508125.40	hypothetical protein	0,9771	0,01129
TcCLB.510355.230	hypothetical protein, conserved	0,9761	2,491E-13
TcCLB.508539.30	hypothetical protein, conserved	0,9757	1,112E-11
TcCLB.505965.50	phosphonopyruvate decarboxylase, putative	0,9755	3,129E-21
TcCLB.510293.20	cytosolic factor SEC14, putative	0,9754	4,892E-13



TcCLB.508159.13	trans-sialidase (pseudogene), putative	0,9752	0,00007741
TcCLB.506301.60	hypothetical protein	0,975	6,041E-27
TcCLB.509599.60	hypothetical protein	0,9749	1,268E-13
TcCLB.511773.60	glycine dehydrogenase [decarboxylating] (pseudogene), p	0,9744	4,406E-28
TcCLB.509615.40	alpha-adaptin-like (pseudogene), putative	0,9744	1,028E-17
TcCLB.504149.100	hypothetical protein, conserved	0,9742	5,778E-27
TcCLB.510337.20	calpain-like cysteine peptidase, putative	0,9741	2,753E-09
TcCLB.510659.140	hypothetical protein, conserved (pseudogene)	0,974	6,806E-27
TcCLB.507081.50	hypothetical protein, conserved	0,9739	7,502E-20
TcCLB.506583.30	ubiquitin-like protein, putative	0,9734	6,648E-32
TcCLB.506577.54	60S ribosomal protein L6, putative	0,9726	2,398E-24
TcCLB.511541.30	hypothetical protein, conserved	0,9724	3,589E-11
TcCLB.507645.50	hypothetical protein, conserved	0,9719	1,092E-15
TcCLB.508799.260	hypothetical protein, conserved	0,9717	1,142E-28
TcCLB.511469.40	hypothetical protein, conserved	0,9717	5,621E-26
TcCLB.504431.118	hypothetical protein, conserved	0,9717	8,554E-16
TcCLB.508197.39	60S ribosomal protein L11, putative	0,9715	5,184E-16
TcCLB.509849.10	ammonium transporter, putative	0,9713	1,137E-17
TcCLB.506817.30	ribosomal protein L27, putative	0,971	3,102E-25
TcCLB.508207.90	hypothetical protein, conserved	0,971	1,002E-16
TcCLB.418185.40	hypothetical protein, conserved (pseudogene)	0,9706	1,874E-15
TcCLB.504109.160	electron transfer flavoprotein, putative	0,9703	1,25E-28
TcCLB.509247.50	methionyl-tRNA synthetase, putative	0,9702	2,739E-35
TcCLB.507521.130	hypothetical protein	0,9702	8,018E-29
TcCLB.511133.30	hypothetical protein, conserved	0,9699	9,935E-26
TcCLB.510155.100	hypothetical protein	0,9697	7,568E-26
TcCLB.503447.60	beta galactofuranosyl glycosyltransferase, putative	0,9692	0,01157
TcCLB.510761.14	60S ribosomal protein L26, putative	0,969	6,095E-31
TcCLB.506289.9	DNA ligase, putative (fragment)	0,9687	8,031E-14
TcCLB.510611.60	nitroreductase	0,968	3,034E-18
TcCLB.503809.120	hypothetical protein, conserved	0,968	6,645E-09
TcCLB.509683.117	40S ribosomal protein S4, putative	0,9678	8,378E-53
TcCLB.504269.10	protein kinase (pseudogene), putative	0,9676	4,451E-19
TcCLB.506343.30	retrotransposon hot spot protein (RHS, pseudogene), puta	0,9673	1,379E-23
TcCLB.506301.30	hypothetical protein, conserved	0,967	3,814E-29
TcCLB.511647.10	hypothetical protein, conserved	0,967	8,14E-26
TcCLB.470827.10	retrotransposon hot spot protein (RHS, pseudogene), puta	0,9668	1,13E-10
TcCLB.509949.9	dispersed gene family protein 1 (DGF-1), putative	0,9668	0,00002661
TcCLB.510719.160	60S ribosomal protein L22, putative	0,9667	4,085E-39
TcCLB.507019.83	40S ribosomal protein S30, putative	0,9666	1,26E-26
TcCLB.510945.50	hypothetical protein, conserved	0,9662	2,61E-30
TcCLB.467287.30	ATPase beta subunit, putative	0,9662	1,517E-25
TcCLB.510659.210	chaperone DNAJ protein, putative	0,9662	1,666E-25
TcCLB.511385.60	hypothetical protein	0,9659	1,545E-11
TcCLB.506435.160	hypothetical protein, conserved	0,9657	1,291E-25

TcCLB.507585.20	hypothetical protein, conserved	0,9657	2,692E-17
TcCLB.507509.80	hypothetical protein, conserved	0,9654	7,259E-24
TcCLB.506883.9	isopentenyl-diphosphate delta-isomerase (type II), putative	0,9654	1,908E-11
TcCLB.506345.100	beta galactofuranosyl glycosyltransferase (pseudogene), putative	0,9653	2,849E-12
TcCLB.509007.30	hypothetical protein, conserved	0,9652	1,054E-12
TcCLB.510005.30	retrotransposon hot spot protein (RHS, pseudogene), putative	0,9652	3,037E-09
TcCLB.506503.53	hypothetical protein	0,9648	2,566E-13
TcCLB.507711.50	hypothetical protein, conserved	0,9641	2,452E-10
TcCLB.508163.360	dispersed gene family protein 1 (DGF-1), putative	0,9638	0,00001225
TcCLB.511483.20	hypothetical protein, conserved	0,9637	1,435E-15
TcCLB.508851.160	hypothetical protein, conserved	0,9632	2,074E-27
TcCLB.506417.50	hypothetical protein, conserved	0,9632	1,457E-11
TcCLB.506513.190	NADH-ubiquinone oxidoreductase, mitochondrial, putative	0,9624	2,048E-16
TcCLB.509001.30	hypothetical protein, conserved	0,9624	7,845E-14
TcCLB.507963.79	nucleosome assembly protein, putative	0,9623	7,936E-30
TcCLB.507819.30	trans-sialidase, Group II, putative	0,962	5,074E-13
TcCLB.504769.80	hypothetical protein, conserved	0,9616	1,511E-22
TcCLB.511585.110	hypothetical protein	0,9615	1,197E-23
TcCLB.511599.40	dispersed gene family protein 1 (DGF-1), putative	0,96	6,758E-08
TcCLB.508897.50	hypothetical protein, conserved	0,9599	3,898E-21
TcCLB.508463.20	hypothetical protein, conserved	0,9598	5,406E-36
TcCLB.505607.9	dispersed gene family protein 1 (DGF-1), putative	0,9598	0,00005052
TcCLB.511893.10	ribonuclease inhibitor, putative	0,9597	6,415E-27
TcCLB.508631.20	retrotransposon hot spot protein (RHS, pseudogene), putative	0,9595	7,106E-29
TcCLB.485683.10	RNA-binding protein 42 (RNA-binding motif protein 42), putative	0,9595	8,135E-22
TcCLB.503445.20	trans-sialidase (pseudogene), putative	0,9592	2,17E-15
TcCLB.511613.151	syntaxin binding protein (pseudogene), putative	0,9592	0,03086
TcCLB.506679.100	40S ribosomal protein S18, putative	0,9583	1,293E-36
TcCLB.511355.14	cation transporter, putative	0,9582	1,976E-19
TcCLB.510359.330	hypothetical protein, conserved	0,9581	9,307E-19
TcCLB.508153.540	hypothetical protein, conserved	0,9577	1,023E-26
TcCLB.508815.160	ER lumen retaining receptor protein, putative	0,9577	2,052E-21
TcCLB.506791.50	Present in the outer mitochondrial membrane proteome	0,957	1,255E-14
TcCLB.509967.140	hypothetical protein, conserved	0,957	1,706E-13
TcCLB.509419.260	dispersed gene family protein 1 (DGF-1), putative	0,957	0,002869
TcCLB.508911.50	fructosamine kinase, putative	0,9569	3,644E-10
TcCLB.508357.90	T-complex protein 1, beta subunit, putative	0,9568	4,917E-38
TcCLB.506733.130	hypothetical protein, conserved	0,9563	1,291E-19
TcCLB.510943.26	ribosomal protein L38, putative	0,9563	2,684E-15
TcCLB.506989.110	NADH-ubiquinone oxidoreductase complex I subunit, putative	0,955	3,148E-17
TcCLB.503823.160	ubiquinone biosynthesis methyltransferase, putative	0,955	1,337E-16
TcCLB.510383.9	dispersed gene family protein 1 (DGF-1), putative	0,955	0,00001311
TcCLB.503557.14	hypothetical protein, conserved	0,9548	1,344E-16
TcCLB.506203.120	hypothetical protein, conserved	0,9547	1,203E-34
TcCLB.509259.180	retrotransposon hot spot (RHS) protein, putative	0,9546	1,115E-17

TcCLB.503833.40	40S ribosomal protein S2, putative	0,9545	8,69E-26
TcCLB.506945.290	ribosomal protein L15, putative	0,9544	5,87E-28
TcCLB.507007.99	mitochondrial carrier protein (pseudogene), putative	0,9544	1,744E-13
TcCLB.506773.40	3-methylcrotonoyl-CoA carboxylase beta subunit, putative	0,9543	1,102E-36
TcCLB.504797.14	hypothetical protein, conserved	0,9542	1,372E-11
TcCLB.511665.110	glycine dehydrogenase [decarboxylating] (pseudogene), putative	0,9541	9,306E-07
TcCLB.511867.20	hypothetical protein, conserved	0,954	2,083E-09
TcCLB.511019.40	retrotransposon hot spot protein (RHS, pseudogene), putative	0,9538	6,623E-42
TcCLB.510729.80	Mitochondrial import receptor subunit ATOM40, putative	0,9538	1,495E-31
TcCLB.507887.10	dihydroorotase (pseudogene), putative	0,9538	0,00003922
TcCLB.506399.89	Succinate dehydrogenase [ubiquinone] flavoprotein subunit	0,9536	8,635E-15
TcCLB.508169.90	eukaryotic translation initiation factor 3 subunit L, putative	0,953	1,388E-36
TcCLB.511523.30	hypothetical protein	0,9528	5,486E-18
TcCLB.506715.30	hypothetical protein	0,9525	6,23E-17
TcCLB.507089.260	CYC2-like cyclin, putative	0,9523	2,596E-16
TcCLB.509695.180	40S ribosomal protein S23, putative	0,9516	1,272E-34
TcCLB.509027.70	kinetoplastid kinetochore protein 19, putative (kkt19)	0,9516	3,297E-17
TcCLB.509701.10	trifunctional enzyme alpha subunit, mitochondrial precursor	0,9513	2,541E-23
TcCLB.507503.70	retrotransposon hot spot protein (RHS, pseudogene), putative	0,9513	3,404E-11
TcCLB.509123.30	mitochondrial RNA binding protein 1	0,9512	1,32E-13
TcCLB.509719.23	hypothetical protein, conserved	0,9509	5,622E-10
TcCLB.442383.9	40S ribosomal protein SA, putative	0,9504	8,14E-29
TcCLB.505183.60	hypothetical protein, conserved	0,9504	1,594E-22
TcCLB.506705.50	hypothetical protein	0,9503	2,282E-22
TcCLB.506679.94	40S ribosomal protein S18, putative	0,9502	1,049E-33
TcCLB.510761.18	hypothetical protein, conserved	0,9499	7,693E-19
TcCLB.510431.40	metallo-peptidase, Clan M- Family M48 (FACE1)	0,9497	1,066E-16
TcCLB.509067.40	NADH dehydrogenase subunit N18M, putative	0,9494	9,612E-13
TcCLB.510535.50	hypothetical protein	0,9491	5,956E-09
TcCLB.409117.20	40S ribosomal protein S14, putative	0,949	3,552E-31
TcCLB.508661.34	hypothetical protein, conserved	0,9489	9,304E-18
TcCLB.506981.10	dispersed gene family protein 1 (DGF-1), putative (fragment)	0,9487	0,001721
TcCLB.503595.10	hypothetical protein, conserved	0,9485	2,268E-25
TcCLB.506559.420	dolichyl-P-Man:GDP-Man1GlcNAc2-PP-dolichyl alpha-1,3-glucosyltransferase	0,9482	4,476E-40
TcCLB.508413.44	60S ribosomal protein L12, putative	0,9482	6,34E-36
TcCLB.509233.190	ribosomal protein S25, putative	0,9481	3,018E-35
TcCLB.509295.5	retrotransposon hot spot protein (RHS, pseudogene), putative	0,948	1,066E-20
TcCLB.511813.20	ubiquitin-conjugating enzyme E2, putative	0,9477	1,055E-25
TcCLB.504213.80	threonine synthase, putative	0,9476	5,218E-23
TcCLB.503415.30	hypothetical protein, conserved	0,9475	7,849E-24
TcCLB.507603.80	hypothetical protein, conserved	0,9461	5,936E-16
TcCLB.509561.130	hypothetical protein, conserved	0,9458	2,91E-18
TcCLB.508461.490	60S ribosomal protein L23, putative	0,9453	6,594E-43
TcCLB.511253.31	kinesin-like protein, putative (fragment)	0,9452	0,01156
TcCLB.399033.19	mitochondrial RNA binding protein 1	0,9451	2,895E-21

TcCLB.506177.30	hypothetical protein, conserved	0,9451	8,371E-14
TcCLB.508387.80	hypothetical protein, conserved	0,9446	3,301E-19
TcCLB.510101.34	hypothetical protein, conserved	0,944	1,66E-17
TcCLB.509747.80	hypothetical protein, conserved	0,9436	6,451E-11
TcCLB.511883.49	hypothetical protein, conserved (fragment)	0,9426	1,936E-12
TcCLB.508153.184	60S ribosomal protein L39, putative	0,9425	2,874E-21
TcCLB.511239.49	adenosine 5'-monophosphoramidase, putative	0,9425	1,082E-10
TcCLB.507057.4	myosin heavy chain, putative (fragment)	0,9424	8,054E-10
TcCLB.504029.60	hypothetical protein, conserved	0,9423	7,296E-18
TcCLB.508179.70	GPR1/FUN34/yaaH family, putative	0,9411	2,4E-13
TcCLB.503511.10	hypothetical protein, conserved	0,9411	8,675E-12
TcCLB.511807.256	hypothetical protein, conserved	0,941	8,217E-14
TcCLB.511305.40	hypothetical protein, conserved	0,9404	1,715E-09
TcCLB.511309.7	hypothetical protein	0,9404	1,846E-07
TcCLB.509599.150	serine/threonine protein kinase, putative	0,9399	3,147E-13
TcCLB.509923.9	dispersed gene family protein 1 (DGF-1), putative (fragment)	0,9392	0,0000123
TcCLB.506885.14	ribosomal protein L37, putative	0,938	5,935E-20
TcCLB.511653.40	hypothetical protein, conserved	0,9377	1,519E-11
TcCLB.511771.120	hypothetical protein, conserved (pseudogene)	0,9377	1,642E-10
TcCLB.509213.170	transcription activator, putative	0,9376	1,018E-28
TcCLB.511209.10	V-type proton ATPase subunit B, putative	0,9376	1,069E-25
TcCLB.510963.90	elongation factor 2, putative	0,9374	3,979E-36
TcCLB.506683.30	hypothetical protein, conserved	0,9374	0,00001497
TcCLB.508737.60	hypothetical protein, conserved	0,9372	2,306E-12
TcCLB.506775.80	14-3-3 protein 2, putative (14-3-3-II)	0,9371	5,22E-41
TcCLB.509815.120	dispersed gene family protein 1 (DGF-1, pseudogene), putative	0,9371	7,296E-08
TcCLB.509027.60	kinetoplastid kinetochore protein 10, putative (kkt10)	0,9367	7,969E-11
TcCLB.510227.29	thioredoxin, putative (fragment)	0,9366	4,148E-30
TcCLB.418069.10	heat shock protein 70 (hsp70), putative (fragment)	0,9366	1,025E-17
TcCLB.504079.3	mitochondrial chaperone BCS1, putative (fragment)	0,9366	2,779E-14
TcCLB.504069.50	peroxin 14, putative	0,9363	3,573E-26
TcCLB.509213.140	mitochondrial RNA binding complex 1 subunit, putative	0,9359	3,973E-28
TcCLB.510395.30	GTPase, putative	0,9359	1,497E-10
TcCLB.510893.9	dispersed gene family protein 1 (DGF-1, pseudogene), putative	0,9359	0,0002686
TcCLB.510755.129	60S ribosomal protein L12, putative	0,9358	1,584E-09
TcCLB.509509.50	hypothetical protein, conserved	0,9355	2,221E-13
TcCLB.509317.10	hypothetical protein, conserved	0,9353	1,156E-18
TcCLB.510719.260	ATP-dependent protease subunit HslV, putative (HslV)	0,9353	4,166E-17
TcCLB.509109.150	hypothetical protein, conserved	0,9353	6,33E-10
TcCLB.504009.70	succinate dehydrogenase cytochrome B subunit	0,9352	1,641E-18
TcCLB.509437.170	hypothetical protein	0,9349	1,444E-06
TcCLB.506825.170	lanosterol synthase, putative	0,9348	1,193E-20
TcCLB.504769.70	hypothetical protein, conserved	0,9345	3,884E-30
TcCLB.507671.10	hypothetical protein	0,9343	2,321E-09
TcCLB.508031.10	dispersed gene family protein 1 (DGF-1, pseudogene), putative	0,9343	0,0001723

TcCLB.506773.130	pumilio-repeat, RNA-binding protein, putative	0,934	3,096E-32
TcCLB.509889.9	dispersed gene family protein 1 (DGF-1), putative	0,934	0,0001215
TcCLB.506817.50	ribosomal protein L27, putative	0,9337	8,8E-27
TcCLB.506503.69	glycosomal malate dehydrogenase, putative	0,9336	3,675E-29
TcCLB.511415.30	retrotransposon hot spot protein (RHS, pseudogene), puta	0,9336	7,484E-16
TcCLB.508463.29	hypothetical protein, conserved	0,9336	3,288E-14
TcCLB.508981.39	trifunctional enzyme alpha subunit, mitochondrial precurs	0,9335	1,794E-17
TcCLB.511255.299	mucin TcMUCII, putative	0,9334	0,006819
TcCLB.510985.20	retrotransposon hot spot protein (RHS, pseudogene), puta	0,9333	1,019E-21
TcCLB.511261.140	60S ribosomal protein L34, putative	0,9329	3,513E-31
TcCLB.509109.120	protein tyrosine phosphatase, putative	0,9328	3,769E-15
TcCLB.503709.20	60S ribosomal protein L44, putative (fragment)	0,9327	5,071E-29
TcCLB.506975.30	amidohydrolase, putative	0,9326	7,381E-16
TcCLB.507093.80	hypothetical protein, conserved	0,9322	3,107E-13
TcCLB.508823.120	ribosomal protein S20, putative	0,9321	5,053E-18
TcCLB.507723.30	retrotransposon hot spot protein (RHS, pseudogene), puta	0,9319	2,645E-14
TcCLB.505035.5	hypothetical protein, conserved	0,9319	4,058E-06
TcCLB.511529.160	enoyl-CoA hydratase/isomerase family protein, putative	0,9316	3,295E-18
TcCLB.503909.120	cyclosome subunit, putative	0,9315	1,121E-07
TcCLB.510899.19	hypothetical protein, conserved	0,9311	8,264E-08
TcCLB.511367.340	mitochondrial processing peptidase alpha subunit, putativ	0,931	4,194E-32
TcCLB.506925.120	eukaryotic initiation factor 5a, putative	0,9308	1,98E-16
TcCLB.511653.30	hypothetical protein, conserved	0,9304	3,673E-19
TcCLB.507037.80	hypothetical protein, conserved	0,9302	3,355E-15
TcCLB.511815.150	hypothetical protein	0,9299	4,316E-33
TcCLB.510575.220	hypothetical protein, conserved	0,9298	6E-15
TcCLB.510301.50	hypothetical protein, conserved	0,9297	3,209E-09
TcCLB.511183.460	dispersed gene family protein 1 (DGF-1), putative	0,9296	0,00002025
TcCLB.506919.120	retrotransposon hot spot protein (RHS, pseudogene), puta	0,9289	3,333E-06
TcCLB.431357.10	3,2-trans-enoyl-CoA isomerase, mitochondrial precursor, i	0,9285	4,046E-07
TcCLB.508093.29	hypothetical protein, conserved (pseudogene)	0,9285	0,002019
TcCLB.511823.70	farnesyl pyrophosphate synthase	0,9284	1,21E-19
TcCLB.507773.60	phosphoribosylpyrophosphate synthetase, putative	0,9282	8,628E-22
TcCLB.507653.10	hypothetical protein, conserved	0,9281	5,068E-09
TcCLB.506241.170	40S ribosomal protein S6, putative	0,9279	2,431E-31
TcCLB.509865.9	retrotransposon hot spot (RHS) protein, putative	0,9279	5,413E-18
TcCLB.507023.40	protein kinase, putative	0,9278	4,409E-27
TcCLB.503943.10	serine/threonine protein kinase, putative (fragment)	0,9277	1,855E-26
TcCLB.509641.70	hypothetical protein, conserved	0,9274	1,186E-27
TcCLB.508241.100	hypothetical protein	0,9273	1,104E-29
TcCLB.509021.9	dispersed gene family protein 1 (DGF-1), putative	0,9271	0,0545
TcCLB.507589.30	Checkpoint protein HUS1, putative	0,9269	6,059E-23
TcCLB.508823.140	ribosomal protein S20, putative	0,9263	7,093E-24
TcCLB.506375.60	tryptophanyl-tRNA synthetase, putative	0,9263	1,128E-10
TcCLB.509331.20	hypothetical protein, conserved	0,926	2,219E-15

TcCLB.507625.140	membrane transporter protein, putative	0,9256	4,585E-20
TcCLB.508587.10	retrotransposon hot spot protein (RHS, pseudogene), puta	0,9256	3,732E-13
TcCLB.503529.20	hypothetical protein, conserved	0,9252	8,01E-17
TcCLB.511903.110	40S ribosomal protein S8, putative	0,925	1,428E-32
TcCLB.508881.120	prefoldin, putative	0,925	1,203E-21
TcCLB.509165.40	60S acidic ribosomal protein P2 beta (H6.4), putative (P2-l	0,9247	3,743E-32
TcCLB.510911.10	profilin, putative	0,9243	1,145E-13
TcCLB.504097.30	hypothetical protein, conserved	0,9241	8,996E-29
TcCLB.506297.230	hypothetical protein, conserved	0,9234	7,848E-14
TcCLB.460747.9	hypothetical protein, conserved (fragment)	0,923	1,004E-19
TcCLB.504229.110	amino acid permease 24, putative (AAP24)	0,923	4,337E-10
TcCLB.510659.270	hypothetical protein, conserved	0,9226	5,745E-14
TcCLB.506855.20	hypothetical protein, conserved	0,922	2,786E-15
TcCLB.509905.100	retrotransposon hot spot protein (RHS, pseudogene), puta	0,9215	2,083E-15
TcCLB.510005.50	dispersed gene family protein 1 (DGF-1), putative	0,9214	0,00000479
TcCLB.510001.20	hypothetical protein, conserved	0,9212	1,923E-20
TcCLB.507875.90	dispersed gene family protein 1 (DGF-1, pseudogene), put	0,9212	2,651E-09
TcCLB.509429.210	leucine-rich repeat protein (LRRP), putative	0,921	1,403E-26
TcCLB.508173.20	retrotransposon hot spot protein (RHS, pseudogene), puta	0,9209	2,771E-44
TcCLB.508807.10	ATP-dependent Clp protease subunit, heat shock protein 1	0,9205	5,89E-19
TcCLB.506511.20	hypothetical protein, conserved	0,9205	3,801E-16
TcCLB.507951.160	succinate dehydrogenase flavoprotein subunit	0,9203	2,916E-37
TcCLB.509937.39	hypothetical protein, conserved	0,9201	4,625E-11
TcCLB.511773.110	retrotransposon hot spot (RHS) protein, putative	0,9197	2,34E-25
TcCLB.511621.50	RNA-binding protein, putative	0,9196	2,352E-26
TcCLB.511135.40	hypothetical protein, conserved	0,9196	6,598E-11
TcCLB.504003.60	chaperonin/T-complex protein 1 gamma subunit, putative	0,9195	6,777E-40
TcCLB.506357.100	DNA-directed RNA polymerase I subunit RPB5z, putative (	0,9189	1,057E-11
TcCLB.504507.5	trypanothione reductase, putative (fragment)	0,9185	4,136E-12
TcCLB.510551.10	dispersed gene family protein 1 (DGF-1, pseudogene), put	0,9184	0,0007267
TcCLB.511621.220	esterase, putative	0,9183	3,412E-06
TcCLB.507251.20	ribosomal protein L21E (60S), putative	0,9182	1,167E-47
TcCLB.510101.10	protein transport protein Sec31, putative (pseudogene)	0,9182	3,3E-12
TcCLB.511647.20	hypothetical protein, conserved	0,9181	6,849E-11
TcCLB.511913.9	ribonuclease L inhibitor (pseudogene), putative	0,9178	4,498E-19
TcCLB.506885.340	Mitochondrial import receptor subunit ATOM40, putative	0,9177	5,828E-28
TcCLB.505989.90	hypothetical protein, conserved	0,9175	9,497E-20
TcCLB.511763.10	hypothetical protein, conserved	0,9173	3,177E-08
TcCLB.416041.24	retrotransposon hot spot protein (RHS, pseudogene), puta	0,9172	3,349E-09
TcCLB.507595.10	dispersed gene family protein 1 (DGF-1, pseudogene), put	0,917	0,005596
TcCLB.505647.50	hypothetical protein, conserved	0,9167	3,387E-07
TcCLB.506359.30	hypothetical protein, conserved (pseudogene)	0,9164	1,556E-15
TcCLB.508647.270	malic enzyme, putative	0,9163	3,546E-30
TcCLB.506941.40	hypothetical protein, conserved	0,9163	4,079E-16
TcCLB.509643.70	Archaic translocase of outer membrane 11 kDa subunit, pi	0,9162	3,414E-16

TcCLB.511771.70	dispersed gene family protein 1 (DGF-1), putative	0,9161	8,451E-09
TcCLB.511885.10	hypothetical protein, conserved (pseudogene)	0,9155	2,271E-23
TcCLB.506581.30	eukaryotic translation initiation factor 3 subunit L, putative	0,915	1,774E-29
TcCLB.509725.60	glycine dehydrogenase [decarboxylating] (pseudogene), putative	0,915	1,7E-14
TcCLB.509049.30	hypothetical protein, conserved	0,9146	3,093E-25
TcCLB.507925.60	calcium-binding protein, putative	0,9144	8,058E-11
TcCLB.506413.30	40S ribosomal protein S33, putative	0,9144	2,523E-08
TcCLB.511445.10	calpain-like cysteine peptidase, putative	0,9141	1,693E-06
TcCLB.511287.40	40S ribosomal protein S2, putative	0,9138	6,009E-41
TcCLB.509029.80	hypothetical protein	0,9138	1,468E-10
TcCLB.504155.221	surface protease GP63 (pseudogene), putative	0,9137	0,1883
TcCLB.506633.74	hypothetical protein, conserved (pseudogene)	0,9135	4,465E-12
TcCLB.506657.40	ADP/ATP translocase, putative	0,9134	1,576E-22
TcCLB.505229.5	hypothetical protein, conserved (fragment)	0,9134	3,881E-12
TcCLB.511361.50	hypothetical protein, conserved	0,9134	2,404E-08
TcCLB.511817.100	hypothetical protein, conserved	0,9133	4,698E-25
TcCLB.506657.79	50S ribosomal protein L16, putative	0,9131	1,819E-13
TcCLB.510359.310	eukaryotic translation initiation factor 2 subunit, putative	0,913	6,581E-23
TcCLB.508173.60	cis-prenyltransferase, putative	0,913	2,309E-13
TcCLB.511131.40	hypothetical protein	0,913	2,907E-10
TcCLB.507709.50	60S ribosomal protein L6, putative	0,9128	1,46E-28
TcCLB.511847.80	hypothetical protein, conserved	0,9127	2,765E-17
TcCLB.511825.80	I/6 autoantigen, putative	0,9127	3,645E-14
TcCLB.508163.70	dispersed gene family protein 1 (DGF-1), putative	0,9127	0,000508
TcCLB.509201.15	ribosomal protein S29, putative	0,9124	1,033E-13
TcCLB.510485.9	dispersed gene family protein 1 (DGF-1), putative	0,9123	0,0007276
TcCLB.504255.20	hypothetical protein	0,9118	7,28E-23
TcCLB.510349.20	hypothetical protein, conserved	0,9111	1,429E-13
TcCLB.510095.5	retrotransposon hot spot protein (RHS, pseudogene), putative	0,911	0,01517
TcCLB.509589.10	mitochondrial DNA polymerase I protein D, putative	0,9109	2,717E-14
TcCLB.510499.10	dispersed gene family protein 1 (DGF-1), putative	0,9109	0,008987
TcCLB.509453.79	hypothetical protein, conserved	0,9106	6,501E-27
TcCLB.506275.121	hypothetical protein	0,9105	0,09897
TcCLB.509601.120	hypothetical protein, conserved	0,9104	1,543E-26
TcCLB.506475.100	conserved protein, unknown function	0,9104	2,739E-15
TcCLB.505193.84	hypothetical protein, conserved	0,9104	4,061E-12
TcCLB.510359.180	hypothetical protein, conserved	0,9104	9,896E-11
TcCLB.464879.9	ribonuclease L inhibitor, putative (fragment)	0,9099	8,392E-10
TcCLB.511751.210	phosphopantothencycysteine decarboxylase, putative (PP)	0,9098	1,136E-18
TcCLB.507715.34	hypothetical protein, conserved	0,9095	7,708E-22
TcCLB.508377.9	fucose kinase, putative (fragment)	0,9094	1,034E-20
TcCLB.510123.10	hypothetical protein, conserved	0,9092	2,679E-16
TcCLB.509023.60	hypothetical protein, conserved	0,909	1,967E-17
TcCLB.509695.20	hypothetical protein, conserved	0,9086	3,351E-12
TcCLB.506393.90	dispersed gene family protein 1 (DGF-1), putative	0,9086	1,438E-09

TcCLB.509127.50	mitochondrial carrier protein, putative	0,9084	7,611E-18
TcCLB.506331.104	retrotransposon hot spot protein (RHS, pseudogene), puta	0,9084	5,181E-07
TcCLB.503441.19	retrotransposon hot spot protein (RHS, pseudogene), puta	0,9083	1,532E-11
TcCLB.503579.90	hypothetical protein, conserved	0,9076	3,523E-14
TcCLB.505171.90	hypothetical protein	0,9073	1,764E-14
TcCLB.511323.40	histone H2A, putative	0,9072	9,63E-09
TcCLB.503563.14	ADG1, putative	0,9071	1,747E-12
TcCLB.504153.340	hypothetical protein, conserved	0,9068	1,333E-19
TcCLB.506925.110	hypothetical protein, conserved	0,9064	1,025E-29
TcCLB.509695.170	60S ribosomal protein L9, putative	0,9062	1,728E-46
TcCLB.509693.200	hypothetical protein, conserved	0,9062	8,089E-12
TcCLB.510863.20	hypothetical protein	0,9061	3,928E-16
TcCLB.506715.40	hypothetical protein, conserved	0,9055	5,688E-24
TcCLB.507873.60	1,2-Dihydroxy-3-keto-5-methylthiopentene dioxygenase, p	0,9054	3,013E-07
TcCLB.508625.160	pumilio/PUF RNA binding protein 1, putative (PUF1)	0,9051	4,76E-21
TcCLB.510515.60	cytosolic leucyl aminopeptidase, putative	0,905	2,883E-16
TcCLB.508859.30	hypothetical protein, conserved	0,9046	4,225E-16
TcCLB.506469.80	protein kinase, putative	0,9046	9,426E-10
TcCLB.511255.470	retrotransposon hot spot protein (RHS, pseudogene), puta	0,9042	0,0003447
TcCLB.510661.140	hypothetical protein, conserved	0,904	4,032E-20
TcCLB.511817.240	hypothetical protein, conserved	0,904	7,011E-12
TcCLB.506295.100	hypothetical protein, conserved	0,9038	1,442E-29
TcCLB.506925.230	hypothetical protein, conserved	0,9037	9,406E-30
TcCLB.507581.9	dispersed gene family protein 1 (DGF-1), putative (fragme	0,9033	0,00003359
TcCLB.511419.30	hypothetical protein, conserved	0,903	3,7E-10
TcCLB.507529.50	hypothetical protein, conserved	0,9029	4,173E-33
TcCLB.509331.60	hypothetical protein, conserved	0,9029	3,403E-10
TcCLB.507681.160	40S ribosomal protein S24E, putative	0,9021	4,331E-14
TcCLB.511771.210	dispersed gene family protein 1 (DGF-1), putative	0,9021	1,8E-08
TcCLB.506797.30	hypothetical protein	0,9015	3,82E-26
TcCLB.511071.171	60S ribosomal protein L12, putative	0,9012	1,436E-37
TcCLB.508319.70	40S ribosomal protein S11, putative	0,9003	6,156E-29
TcCLB.509599.100	hypothetical protein	0,9003	3,383E-07
TcCLB.506467.50	serine/threonine protein kinase, putative	0,9002	5,93E-25
TcCLB.509153.120	acyl-CoA dehydrogenase, putative	0,9	2,189E-20
TcCLB.508065.40	hypothetical protein, conserved	0,9	9,334E-15
TcCLB.508975.20	pre-rRNA-processing protein tsr1 homolog	0,8998	3,219E-25
TcCLB.509767.230	hypothetical protein, conserved	0,8997	5,077E-12
TcCLB.509647.180	nicotinate phosphoribosyltransferase, putative	0,8994	2,286E-24
TcCLB.510359.604	mucin TcMUCII (pseudogene), putative	0,8991	0,0008967
TcCLB.509461.10	actin interacting protein-like protein, putative	0,8985	2,665E-20
TcCLB.485335.10	retrotransposon hot spot protein (RHS, pseudogene), puta	0,8985	5,126E-09
TcCLB.510713.50	beta galactofuranosyl glycosyltransferase (pseudogene), p	0,8985	0,001581
TcCLB.506469.30	protein kinase, putative	0,8983	8,177E-08
TcCLB.505035.20	DNA-directed RNA polymerase II subunit 2 (pseudogene),	0,8982	1,66E-10



TcCLB.503893.70	reductase, putative	0,898	1,778E-16
TcCLB.511585.260	dispersed gene family protein 1 (DGF-1, pseudogene), putative	0,8975	5,476E-10
TcCLB.509611.150	hypothetical protein, conserved	0,8974	3,076E-15
TcCLB.508269.20	hypothetical protein, conserved	0,8968	5,366E-09
TcCLB.508873.370	hypothetical protein	0,8967	0,00138
TcCLB.511753.60	ESAG8-associated protein, putative (PIE8)	0,8966	2,154E-10
TcCLB.504021.74	hypothetical protein, conserved	0,8965	5,683E-09
TcCLB.503603.20	hypothetical protein, conserved	0,8962	8,743E-14
TcCLB.508911.70	hypothetical protein	0,8958	1,649E-15
TcCLB.506435.400	hypothetical protein, conserved	0,8954	2,006E-21
TcCLB.506495.3	hypothetical protein, conserved	0,8953	0,00001023
TcCLB.504949.14	60S ribosomal protein L6, putative	0,8951	5,24E-18
TcCLB.508059.4	hypothetical protein, conserved	0,8949	1,42E-09
TcCLB.511887.45	hypothetical protein, conserved (pseudogene)	0,8945	0,02419
TcCLB.508687.20	retrotransposon hot spot protein (RHS, pseudogene), putative	0,894	2,207E-10
TcCLB.506751.70	retrotransposon hot spot protein (RHS, pseudogene), putative	0,8939	0,001797
TcCLB.508325.160	retrotransposon hot spot (RHS) protein, putative	0,8937	2,272E-21
TcCLB.511245.30	ion transport protein, putative	0,8936	4E-15
TcCLB.511725.130	hypothetical protein, conserved	0,8933	5,82E-32
TcCLB.508831.120	glucosamine 6-phosphate n-acetyltransferase, putative	0,8926	3,167E-09
TcCLB.510055.140	hypothetical protein, conserved	0,8923	4,232E-12
TcCLB.508737.70	cytochrome b5-dependent oleate desaturase	0,8918	4,405E-17
TcCLB.508379.10	fucose kinase, putative	0,8917	1,949E-08
TcCLB.506401.240	hypothetical protein, conserved	0,8916	7,382E-28
TcCLB.508647.200	triosephosphate isomerase, putative (TIM)	0,8915	1,186E-40
TcCLB.508415.50	ADP-ribosylation factor 1, putative (ARF1)	0,8915	3,108E-16
TcCLB.508729.18	hypothetical protein, conserved	0,8911	4,061E-15
TcCLB.510187.150	guanylate kinase, putative	0,8908	1,137E-14
TcCLB.510719.40	hypothetical protein, conserved	0,8908	4,419E-11
TcCLB.511249.20	ADP/ATP translocase, putative	0,8907	4,208E-20
TcCLB.509529.60	dispersed gene family protein 1 (DGF-1), putative	0,8907	9,605E-12
TcCLB.508719.40	kinetoplast DNA-associated protein, putative	0,8904	1,614E-14
TcCLB.511291.40	protein kinase, putative	0,8902	2,262E-20
TcCLB.505945.60	hypothetical protein, conserved	0,8901	2,023E-15
TcCLB.506895.40	Kinesin-13 1, putative (KIN13-1)	0,89	1,433E-18
TcCLB.506183.40	retrotransposon hot spot protein (RHS, pseudogene), putative	0,8897	4,094E-08
TcCLB.510947.40	agmatinase, putative	0,8895	3,935E-12
TcCLB.511367.150	hypothetical protein, conserved	0,8892	1,005E-14
TcCLB.508045.90	oxidoreductase, putative	0,889	3,565E-15
TcCLB.504181.30	40S ribosomal protein S23, putative	0,889	9,086E-07
TcCLB.508325.270	retrotransposon hot spot protein (RHS, pseudogene), putative	0,8887	2,694E-12
TcCLB.508351.60	hypothetical protein, conserved	0,8884	1,671E-17
TcCLB.503935.20	2-oxoglutarate dehydrogenase, E2 component, dihydrolipic	0,888	1,122E-27
TcCLB.438147.18	hypothetical protein, conserved	0,8879	1,723E-06
TcCLB.506821.150	hypothetical protein, conserved	0,8874	1,146E-16

TcCLB.510101.300	hypothetical protein, conserved	0,8866	1,575E-28
TcCLB.508355.260	60S acidic ribosomal protein P0, putative (P0)	0,8864	2,886E-45
TcCLB.504151.80	Na/H antiporter-like protein, putative	0,8859	5,785E-11
TcCLB.508027.120	hypothetical protein, conserved	0,8858	1,53E-16
TcCLB.506619.40	tyrosyl-DNA Phosphodiesterase (Tdp1), putative	0,8858	9,184E-13
TcCLB.504081.30	trans-sialidase (pseudogene), putative	0,8856	0,00001111
TcCLB.510123.50	iron-sulfur cluster assembly protein, putative	0,8854	4,161E-16
TcCLB.506117.9	dispersed gene family protein 1 (DGF-1), putative	0,8852	1,162E-09
TcCLB.504427.170	hypothetical protein, conserved	0,8846	1,132E-09
TcCLB.511301.80	choline/carnitine O-acyltransferase (pseudogene), putativ	0,8844	1,994E-19
TcCLB.511771.143	retrotransposon hot spot protein (RHS, pseudogene), puta	0,8841	0,001357
TcCLB.506977.60	hypothetical protein, conserved	0,884	3,043E-10
TcCLB.509029.90	hypothetical protein, conserved	0,884	8,674E-10
TcCLB.507779.30	dispersed gene family protein 1 (DGF-1), putative	0,884	2,872E-08
TcCLB.508175.309	60S ribosomal protein L19, putative	0,8834	1,729E-23
TcCLB.511159.30	Present in the outer mitochondrial membrane proteome 1	0,8831	3,482E-13
TcCLB.510149.150	NADH-ubiquinone oxidoreductase complex I subunit, putat	0,8831	2,455E-10
TcCLB.506887.100	protein kinase, putative	0,8829	4,941E-10
TcCLB.510089.60	hypothetical protein, conserved	0,8828	4,1E-09
TcCLB.510105.220	transportin2-like protein, putative	0,8826	1,366E-17
TcCLB.508693.80	ruvB-like DNA helicase, putative	0,8825	1,088E-27
TcCLB.509671.64	ribosomal protein L36, putative	0,8824	1,907E-14
TcCLB.510299.50	GPI alpha-mannosyltransferase III (GPI10)	0,8823	5,187E-24
TcCLB.509331.100	hypothetical protein, conserved	0,8822	1,567E-09
TcCLB.506645.9	dispersed gene family protein 1 (DGF-1), putative	0,8822	0,00000212
TcCLB.510303.320	dihydrofolate reductase-thymidylate synthase, putative	0,8818	2,727E-12
TcCLB.507063.170	hypothetical protein	0,8815	8,647E-06
TcCLB.510287.50	hypothetical protein, conserved	0,8814	6,922E-11
TcCLB.508551.20	40S ribosomal protein S12, putative	0,8813	3,4E-30
TcCLB.507809.160	hypothetical protein, conserved	0,8813	6,357E-16
TcCLB.505419.20	retrotransposon hot spot protein (RHS, pseudogene), puta	0,8813	1,46E-13
TcCLB.507275.40	hypothetical protein, conserved	0,881	2,224E-10
TcCLB.507049.190	hypothetical protein, conserved	0,8806	3,2E-23
TcCLB.508461.440	hypothetical protein, conserved	0,8806	9,356E-15
TcCLB.510763.34	hypothetical protein, conserved	0,8803	2,724E-11
TcCLB.510735.50	hypothetical protein, conserved	0,8802	2,985E-15
TcCLB.510661.90	ATP-dependent RNA helicase, putative	0,8798	2,158E-20
TcCLB.504103.60	hypothetical protein, conserved	0,8794	9,844E-09
TcCLB.506675.90	retrotransposon hot spot protein (RHS, pseudogene), puta	0,8793	3,371E-08
TcCLB.507501.25	hypothetical protein, conserved (pseudogene)	0,8793	0,008811
TcCLB.510999.10	hypothetical protein, conserved	0,879	1,611E-15
TcCLB.456021.10	hypothetical protein, conserved (fragment)	0,879	0,00009005
TcCLB.506405.149	ribosomal protein L21E (60S), putative	0,8789	1,517E-45
TcCLB.507101.20	hypothetical protein (pseudogene)	0,8787	0,0002607
TcCLB.506657.20	hypothetical protein, conserved	0,8786	4,39E-15

TcCLB.506735.30	hypothetical protein, conserved	0,8785	3,974E-14
TcCLB.508299.60	60S ribosomal protein L2, putative	0,8783	3,876E-36
TcCLB.505999.20	phosphate-repressible phosphate permease, putative	0,8783	3,873E-20
TcCLB.508641.280	hypothetical protein, conserved	0,8776	2,05E-31
TcCLB.510349.30	phosphatidylinositol-4-phosphate 5-kinase, putative	0,8776	2,513E-12
TcCLB.508479.330	hypothetical protein, conserved	0,8775	2,172E-24
TcCLB.506773.104	hypothetical protein, conserved	0,8774	7,479E-15
TcCLB.507735.50	hypothetical protein, conserved (pseudogene)	0,8772	4,34E-25
TcCLB.509991.80	hypothetical protein, conserved	0,8772	1,785E-13
TcCLB.506855.180	adenylate kinase, putative	0,877	1,888E-10
TcCLB.511441.10	calpain cysteine peptidase, putative	0,877	2,313E-09
TcCLB.511117.10	retrotransposon hot spot protein (RHS, pseudogene), puta	0,8767	5,17E-12
TcCLB.506257.5	aminopeptidase, putative (fragment)	0,8766	1,291E-06
TcCLB.509339.10	hypothetical protein, conserved	0,8765	1,69E-12
TcCLB.508221.410	hypothetical protein	0,8765	0,03184
TcCLB.507615.110	Present in the outer mitochondrial membrane proteome	0,876	1,406E-13
TcCLB.505171.100	hypothetical protein, conserved	0,8759	1,411E-08
TcCLB.504035.70	cyclophilin, putative	0,8756	9,728E-12
TcCLB.509331.9	5'-3' exoribonuclease C, putative (fragment) (XRNC)	0,8756	7,246E-06
TcCLB.506055.40	dispersed gene family protein 1 (DGF-1), putative	0,8755	3,338E-06
TcCLB.506263.40	hypothetical protein, conserved	0,8753	1,477E-10
TcCLB.510687.30	hypothetical protein, conserved	0,8752	2,015E-30
TcCLB.504177.30	hypothetical protein, conserved	0,8752	7,92E-14
TcCLB.509563.50	hypothetical protein, conserved	0,875	7,545E-12
TcCLB.506475.90	hypothetical protein, conserved	0,8749	1,961E-14
TcCLB.511545.120	superoxide dismutase, putative	0,8748	1,827E-14
TcCLB.510301.20	fructose-bisphosphate aldolase, glycosomal, putative	0,8745	8,337E-15
TcCLB.503801.20	ribosomal protein S26, putative	0,8744	2,222E-29
TcCLB.503669.39	hypothetical protein, conserved (fragment)	0,8742	0,0001478
TcCLB.505987.20	hypothetical protein	0,874	2,687E-18
TcCLB.511307.3	membrane transporter protein, putative (fragment)	0,874	1,738E-09
TcCLB.510519.10	hypothetical protein	0,8739	6,865E-20
TcCLB.510903.40	hypothetical protein, conserved	0,8738	2,608E-12
TcCLB.506707.20	ATP-dependent DEAD/H RNA helicase (pseudogene), puta	0,8738	0,001165
TcCLB.510659.130	hypothetical protein, conserved	0,8734	1,246E-29
TcCLB.506679.150	40S ribosomal protein S10, putative	0,873	3,791E-10
TcCLB.503611.40	ribosomal protein L24, putative	0,8729	0,002468
TcCLB.508909.310	hypothetical protein	0,8728	3,545E-07
TcCLB.509337.28	hypothetical protein, conserved (pseudogene)	0,8727	7,149E-16
TcCLB.511411.24	hypothetical protein, conserved	0,8726	7,216E-11
TcCLB.507857.50	protein phosphatase, putative	0,8725	2,132E-17
TcCLB.509759.10	L-ribulokinase, putative	0,8721	6,242E-07
TcCLB.509233.60	hypothetical protein, conserved	0,8718	5,943E-18
TcCLB.506407.10	lysosomal alpha-mannosidase precursor, putative	0,8716	3,29E-16
TcCLB.510101.410	hypothetical protein, conserved	0,8715	2,51E-19

TcCLB.471901.10	hypothetical protein, conserved	0,871	1,354E-20
TcCLB.510403.20	retrotransposon hot spot protein (RHS, pseudogene), puta	0,871	3,725E-13
TcCLB.509029.20	hypothetical protein, conserved	0,8707	3,351E-19
TcCLB.511819.40	hypothetical protein, conserved	0,8706	1,407E-16
TcCLB.510055.110	fructosamine kinase, putative	0,8705	8,24E-12
TcCLB.508153.290	60S ribosomal protein L13, putative	0,8704	8,145E-31
TcCLB.507975.10	retrotransposon hot spot protein (RHS, pseudogene), puta	0,8704	3,497E-23
TcCLB.511809.135	histone H2A, putative	0,8697	1,461E-20
TcCLB.506941.159	zinc finger protein, putative	0,8695	1,317E-16
TcCLB.507573.6	ATP-dependent DEAD/H RNA helicase (pseudogene), puta	0,8695	0,00008202
TcCLB.509911.20	hypothetical protein	0,8694	0,00004264
TcCLB.506529.530	Present in the outer mitochondrial membrane proteome 1	0,8693	1,823E-07
TcCLB.507573.3	N-acetyltransferase complex ARD1 subunit (pseudogene),	0,8693	0,00007332
TcCLB.509859.50	hypothetical protein, conserved	0,8692	9,002E-13
TcCLB.509151.100	hypothetical protein, conserved	0,869	1,652E-15
TcCLB.503899.130	glutathione peroxidase-like protein, putative	0,8688	5,16E-10
TcCLB.508269.10	hypothetical protein, conserved	0,8686	7,739E-15
TcCLB.511231.34	hypothetical protein, conserved	0,8686	3,306E-14
TcCLB.509109.145	hypothetical protein, conserved (pseudogene)	0,8685	1,074E-06
TcCLB.511715.10	iron superoxide dismutase, putative	0,8684	1,284E-12
TcCLB.509555.10	hypothetical protein (fragment)	0,8683	6,767E-11
TcCLB.509065.50	hypothetical protein, conserved	0,8682	2,293E-14
TcCLB.507559.100	hypothetical protein, conserved	0,8678	2,791E-29
TcCLB.509965.30	small nuclear ribonucleoprotein Sm-E, putative	0,8675	0,00000461
TcCLB.506621.60	acyl-CoA binding protein, putative	0,867	3,791E-25
TcCLB.508909.230	calcium-transporting ATPase (pseudogene), putative	0,8665	4,724E-13
TcCLB.506679.140	40S ribosomal protein S10, putative	0,8663	8,432E-12
TcCLB.510857.60	cation-transporting ATPase, putative	0,8661	6,348E-14
TcCLB.507649.90	hypothetical protein, conserved	0,866	6,013E-19
TcCLB.509337.19	hypothetical protein, conserved	0,8657	4,05E-10
TcCLB.510529.39	hypothetical protein, conserved	0,8657	1,391E-06
TcCLB.508479.340	succinyl-CoA synthetase alpha subunit, putative	0,8656	2,719E-32
TcCLB.509911.100	chaperone DNAJ protein, putative	0,8656	9,157E-12
TcCLB.509819.20	hypothetical protein, conserved	0,8653	7,208E-28
TcCLB.510733.5	hypothetical protein, conserved (fragment)	0,8651	3,181E-07
TcCLB.510655.150	hypothetical protein, conserved	0,8649	2,43E-10
TcCLB.417939.9	dispersed gene family protein 1 (DGF-1), putative	0,8648	0,003643
TcCLB.511511.159	zinc finger protein, putative	0,8645	8,472E-21
TcCLB.511211.200	hypothetical protein, conserved	0,8645	5,249E-16
TcCLB.504137.30	hypothetical protein	0,8641	1,45E-18
TcCLB.509647.130	hypothetical protein, conserved	0,864	6,15E-15
TcCLB.509367.15	tryptophanyl-tRNA synthetase (pseudogene), putative	0,864	0,0002053
TcCLB.503677.20	DNA repair and recombination helicase protein PIF4, puta	0,8636	2,516E-08
TcCLB.466007.9	dispersed gene family protein 1 (DGF-1), putative (fragme	0,8631	0,03907
TcCLB.511001.30	hypothetical protein, conserved	0,8629	2,687E-15

TcCLB.509455.100	hypothetical protein, conserved	0,8624	2,099E-18
TcCLB.504019.6	hypothetical protein	0,8622	1,45E-23
TcCLB.510949.20	thioredoxin, putative	0,8621	5,522E-11
TcCLB.506775.50	hypothetical protein, conserved	0,8619	6,617E-25
TcCLB.508857.70	hypothetical protein, conserved	0,8618	1,315E-15
TcCLB.511101.37	retrotransposon hot spot protein (RHS, pseudogene), puta	0,8618	7,731E-11
TcCLB.509611.80	cation-transporting ATPase, putative	0,8615	4,414E-23
TcCLB.503703.90	hypothetical protein, conserved	0,8613	3,094E-08
TcCLB.507817.80	5'-3' exoribonuclease A, putative (fragment) (XRNA)	0,8612	1,092E-30
TcCLB.510119.40	hypothetical protein, conserved	0,861	3,618E-06
TcCLB.506825.30	hypothetical protein, conserved	0,8609	1,137E-13
TcCLB.508043.30	ubiquitin-activating enzyme E1, putative	0,8606	1,559E-31
TcCLB.506975.69	hypothetical protein, conserved	0,8604	8,898E-08
TcCLB.510997.40	enoyl-CoA hydratase/isomerase family protein, putative	0,8598	7,672E-19
TcCLB.507735.10	hypothetical protein, conserved	0,8598	6,231E-06
TcCLB.510391.10	dispersed gene family protein 1 (DGF-1), putative	0,8595	0,002081
TcCLB.507775.20	hypothetical protein, conserved	0,8594	1,556E-11
TcCLB.506629.130	hypothetical protein, conserved	0,8592	1,751E-11
TcCLB.507063.20	eukaryotic translation initiation factor 2 beta subunit, puta	0,8589	1,31E-19
TcCLB.509179.70	hypothetical protein, conserved	0,8585	0,00007588
TcCLB.504165.20	hypothetical protein, conserved	0,8581	7,778E-12
TcCLB.504575.20	hypothetical protein, conserved	0,8581	2,719E-10
TcCLB.508153.1070	hypothetical protein, conserved	0,8579	8,848E-16
TcCLB.509187.20	retrotransposon hot spot protein (RHS, pseudogene), puta	0,8579	0,01272
TcCLB.511003.110	hypothetical protein, conserved	0,8578	1,577E-10
TcCLB.511635.69	hypothetical protein, conserved	0,8577	7,391E-06
TcCLB.504669.40	mucin-associated surface protein (MASP, pseudogene), pu	0,8576	7,853E-14
TcCLB.511907.350	surface protease GP63 (pseudogene), putative	0,8576	0,0004303
TcCLB.510879.20	ribosomal protein S19, putative	0,8574	6,032E-29
TcCLB.510355.110	hypothetical protein, conserved (pseudogene)	0,8574	1,853E-06
TcCLB.511471.90	glycine dehydrogenase [decarboxylating] (pseudogene), pu	0,8574	0,00002766
TcCLB.510307.330	dispersed gene family protein 1 (DGF-1), putative	0,8572	1,644E-08
TcCLB.507503.20	glycine dehydrogenase [decarboxylating] (pseudogene), pu	0,857	4,947E-14
TcCLB.509459.79	actin interacting protein-like protein, putative	0,8568	4,987E-16
TcCLB.505115.10	hypothetical protein, conserved	0,8566	1,3E-16
TcCLB.509011.54	ubiquinol-cytochrome c reductase, putative	0,8566	0,00000929
TcCLB.508355.240	hypothetical protein, conserved	0,8565	7,364E-08
TcCLB.508965.80	hypothetical protein, conserved	0,8561	6,005E-15
TcCLB.509693.140	hypothetical protein, conserved	0,856	8,711E-20
TcCLB.511333.4	Calpain-like protein 1 (CAP5.5)	0,8559	1,228E-11
TcCLB.509805.220	cholinephosphate cytidyltransferase A, putative	0,8554	3,952E-24
TcCLB.510755.50	ADP-ribosylation factor 1, putative (ARF1)	0,8552	2,858E-23
TcCLB.484299.10	trypanothione reductase, putative	0,8551	1,722E-11
TcCLB.507281.9	dispersed gene family protein 1 (DGF-1, pseudogene), put	0,855	0,008111
TcCLB.509207.50	hypothetical protein, conserved	0,8546	4,633E-25

TcCLB.504161.10	hypothetical protein	0,8544	4,33E-13
TcCLB.509837.10	hypothetical protein, conserved	0,8542	2,109E-14
TcCLB.511871.30	hypothetical protein, conserved	0,8537	1,204E-17
TcCLB.509207.11	histone H2A, putative	0,8534	1,348E-27
TcCLB.506635.10	hypothetical protein (pseudogene)	0,8534	7,795E-07
TcCLB.510435.30	hypothetical protein, conserved	0,853	3,294E-17
TcCLB.507641.50	hypothetical protein, conserved	0,8527	2,338E-23
TcCLB.466593.10	hypothetical protein, conserved	0,8527	4,554E-10
TcCLB.507875.170	ribosomal P protein AGP2beta-1, putative	0,8524	2,476E-06
TcCLB.509393.10	hypothetical protein, conserved	0,8523	1,965E-16
TcCLB.504123.30	map kinase, putative	0,8523	8,907E-14
TcCLB.505401.31	trans-sialidase (pseudogene), putative	0,8519	1,001E-09
TcCLB.507081.20	hypothetical protein, conserved	0,8517	6,181E-16
TcCLB.508501.165	U6 snRNA-associated Sm-like protein LSm6p	0,8511	0,0000361
TcCLB.503745.20	hypothetical protein, conserved	0,8508	2,351E-19
TcCLB.507021.110	phosphopantothencysteine decarboxylase, putative (PP	0,8505	2,176E-14
TcCLB.510719.60	Biotin--acetyl-CoA-carboxylase ligase, putative	0,8504	9,044E-14
TcCLB.508271.10	phenylalanyl-tRNA synthetase, putative	0,8503	6,937E-25
TcCLB.510013.50	trans-sialidase, Group IV, putative	0,8502	0,01047
TcCLB.506529.324	hypothetical protein, conserved	0,8501	2,09E-07
TcCLB.508169.20	elongation factor 2, putative	0,8499	7,318E-38
TcCLB.511295.50	hypothetical protein, conserved	0,8499	3,743E-30
TcCLB.507829.10	cysteine peptidase, Clan CA, family C2, putative	0,8499	1,963E-08
TcCLB.503763.10	retrotransposon hot spot (RHS) protein, putative	0,8497	0,00003796
TcCLB.506727.10	hypothetical protein	0,8496	1,372E-14
TcCLB.511807.230	hypothetical protein	0,8494	1,249E-19
TcCLB.511391.200	pitrilysin-like metalloprotease, putative	0,8492	1,717E-34
TcCLB.511665.50	dispersed gene family protein 1 (DGF-1), putative	0,8492	1,456E-07
TcCLB.506959.120	60S ribosomal protein L30, putative	0,8488	6,453E-28
TcCLB.503781.80	universal minicircle sequence binding protein 1 (UMSBP1)	0,8488	2,089E-12
TcCLB.506595.30	retrotransposon hot spot protein (RHS, pseudogene), puta	0,8487	5,537E-12
TcCLB.504081.450	trans-sialidase (pseudogene), putative	0,8487	0,00003663
TcCLB.508657.10	hypothetical protein, conserved	0,8486	8,622E-10
TcCLB.511577.60	DNA excision/repair protein SNF2, putative	0,848	6,073E-16
TcCLB.503899.110	glutathione peroxidase-like protein, putative	0,8479	2,343E-13
TcCLB.509799.140	L-2-hydroxyglutarate dehydrogenase, mitochondrial, putat	0,8479	6,136E-13
TcCLB.506063.50	retrotransposon hot spot protein (RHS, pseudogene), puta	0,8475	8,916E-09
TcCLB.424123.40	RNA-binding protein, putative	0,8469	1,866E-08
TcCLB.506055.30	retrotransposon hot spot protein (RHS, pseudogene), puta	0,8468	0,00004308
TcCLB.506289.30	hypothetical protein, conserved	0,8466	2,906E-09
TcCLB.508717.33	mitochondrial chaperone BCS1, putative	0,8465	2,387E-17
TcCLB.506167.20	hypothetical protein, conserved	0,8464	8,776E-24
TcCLB.510675.9	dispersed gene family protein 1 (DGF-1), putative (fragm	0,846	0,0003814
TcCLB.509719.53	hypothetical protein, conserved	0,8458	3,384E-16
TcCLB.507639.20	universal minicircle sequence binding protein, putative (U	0,8458	5,528E-08

TcCLB.506375.50	dispersed gene family protein 1 (DGF-1), putative	0,8458	4,754E-07
TcCLB.507683.40	protein kinase, putative	0,8455	5,951E-18
TcCLB.506391.20	calmodulin, putative	0,8455	3,253E-08
TcCLB.506247.190	nuclear lim interactor-interacting factor, putative	0,8453	0,00007651
TcCLB.510731.90	protein kinase, putative	0,845	8,054E-09
TcCLB.506547.10	dispersed gene family protein 1 (DGF-1, pseudogene), putative	0,845	0,004068
TcCLB.508993.10	cytidine triphosphate synthase, putative	0,8449	2,362E-26
TcCLB.508823.90	hypothetical protein	0,8449	1,212E-09
TcCLB.506529.541	hypothetical protein	0,8449	0,00001228
TcCLB.510795.4	CLC-type chloride channel protein (pseudogene), putative	0,8449	0,009632
TcCLB.507513.60	40S ribosomal protein S16, putative	0,8446	3,189E-21
TcCLB.511195.10	retrotransposon hot spot protein (RHS, pseudogene), putative	0,8446	0,01042
TcCLB.504171.40	hypothetical protein, conserved	0,8444	9,155E-10
TcCLB.507765.149	hypothetical protein, conserved	0,8441	5,014E-12
TcCLB.506519.51	hypothetical protein, conserved	0,8439	2,804E-16
TcCLB.508741.170	glycerate kinase, putative	0,8436	2,094E-35
TcCLB.441241.10	microtubule-associated protein Gb4, putative (fragment)	0,8434	2,238E-12
TcCLB.510741.150	Present in the outer mitochondrial membrane proteome	0,8432	1,851E-11
TcCLB.506671.70	dispersed gene family protein 1 (DGF-1), putative	0,8428	0,0007897
TcCLB.510323.60	hypothetical protein	0,8426	2,588E-09
TcCLB.509805.140	hypothetical protein	0,8421	4,354E-10
TcCLB.508319.30	hypothetical protein, conserved	0,8419	1,127E-29
TcCLB.509769.120	hypothetical protein, conserved	0,8419	2,61E-27
TcCLB.508039.70	hypothetical protein, conserved	0,8419	5,966E-22
TcCLB.452699.10	retrotransposon hot spot protein (RHS, pseudogene), putative	0,8418	8,023E-11
TcCLB.506529.120	hypothetical protein	0,8417	3,738E-13
TcCLB.510767.10	ribosomal protein L15, putative	0,8416	1,345E-26
TcCLB.507723.189	bloodstream-specific protein 2 precursor (fragment)	0,8415	3,038E-11
TcCLB.509317.60	RNA-binding protein, putative	0,8414	3,547E-17
TcCLB.507615.19	microtubule-associated protein, putative, (fragment) (GB)	0,8411	6,712E-23
TcCLB.509511.10	dispersed gene family protein 1 (DGF-1), putative	0,8411	5,392E-07
TcCLB.510265.100	hypothetical protein, conserved	0,8409	1,722E-17
TcCLB.510431.10	isopentenyl-diphosphate delta-isomerase (fragment) (idi1)	0,8409	7,479E-13
TcCLB.504147.20	60S ribosomal protein L18, putative	0,8405	9,02E-33
TcCLB.504153.20	phosphoglycerate kinase, putative	0,8404	5,761E-21
TcCLB.506223.110	hypothetical protein, conserved	0,8401	2,22E-16
TcCLB.509895.40	hypothetical protein, conserved	0,8399	6,973E-18
TcCLB.508689.50	GPI transamidase subunit 16, putative (fragment) (GPI16)	0,8397	7,622E-07
TcCLB.509331.221	hypothetical protein, conserved	0,8397	0,003718
TcCLB.508461.510	60S ribosomal protein L27A/L29, putative	0,8396	2,825E-11
TcCLB.507603.70	kinetoplastid kinetochore protein 6, putative (kkt6)	0,8396	2,376E-06
TcCLB.507153.40	tryptophanyl-tRNA synthetase (pseudogene), putative	0,8393	0,0001897
TcCLB.506893.40	hypothetical protein, conserved	0,8392	0,00005899
TcCLB.508891.30	hypothetical protein, conserved	0,839	6,444E-23
TcCLB.511233.20	60S ribosomal protein L34, putative	0,8388	4,316E-26

TcCLB.505037.30	hypothetical protein, conserved	0,8388	0,003065
TcCLB.506679.70	eukaryotic translation initiation factor 6 (eIF-6), putative	0,8387	1,537E-21
TcCLB.511051.50	40S ribosomal protein S4, putative	0,8386	1,109E-31
TcCLB.506857.100	endoplasmatic reticulum retrieval protein, putative	0,8385	1,184E-19
TcCLB.510515.20	hypothetical protein, conserved (pseudogene)	0,8384	1,243E-14
TcCLB.503635.40	hypothetical protein	0,8383	2,885E-12
TcCLB.508637.150	ribonuclease L inhibitor, putative	0,8382	1,189E-21
TcCLB.505183.40	DNA repair and recombination protein RAD54, putative	0,838	2,337E-21
TcCLB.506861.30	60S ribosomal protein L14, putative	0,8379	6,175E-25
TcCLB.503897.20	hypothetical protein, conserved	0,8373	1,987E-13
TcCLB.506529.110	hypothetical protein, conserved	0,8372	4,464E-12
TcCLB.509601.50	hypothetical protein, conserved	0,8371	1,799E-22
TcCLB.511239.140	60S ribosomal protein, putative	0,8369	1,557E-08
TcCLB.506477.10	cytochrome c oxidase assembly factor, putative	0,8365	2,26E-13
TcCLB.506457.20	hypothetical protein, conserved	0,8365	7,08E-10
TcCLB.508405.40	40S ribosomal protein S11, putative	0,8363	4,791E-22
TcCLB.506959.64	3-keto-dihydrosphingosine reductase	0,8363	1,19E-13
TcCLB.508045.30	hypothetical protein, conserved	0,8361	1,732E-16
TcCLB.509671.189	hypothetical protein, conserved	0,8359	1,055E-10
TcCLB.504185.30	hypothetical protein, conserved	0,8357	5,814E-10
TcCLB.504105.94	ribosomal protein S25, putative	0,8356	1,142E-28
TcCLB.506489.59	divalent cation tolerance protein, putative	0,8356	0,0002189
TcCLB.507851.60	hypothetical protein, conserved	0,8354	2,482E-16
TcCLB.510767.20	60S ribosomal protein L36, putative	0,8353	7,566E-21
TcCLB.509793.40	kinetoplast-associated protein (TcKAP4)	0,8352	2,586E-12
TcCLB.506559.30	hypothetical protein, conserved	0,8352	2,915E-12
TcCLB.509499.10	cyclophilin, putative (CYP)	0,835	6,507E-15
TcCLB.510643.110	beta galactofuranosyl glycosyltransferase, putative	0,835	1,423E-07
TcCLB.508267.60	hypothetical protein, conserved (fragment)	0,8346	9,277E-09
TcCLB.507851.50	hypothetical protein, conserved	0,8343	2,923E-20
TcCLB.503701.9	dispersed gene family protein 1 (DGF-1, pseudogene), putative	0,8343	0,00008908
TcCLB.507059.70	dihydroorotase, putative	0,8336	2,768E-12
TcCLB.506457.140	hypothetical protein, conserved	0,8336	1,595E-06
TcCLB.507559.20	hypothetical protein, conserved	0,8333	1,428E-13
TcCLB.506929.30	hypothetical protein, conserved	0,833	4,117E-13
TcCLB.506701.20	Tob55, putative	0,8326	9,719E-12
TcCLB.511291.120	DNA-directed RNA polymerase III subunit C11, putative (R)	0,832	1,45E-08
TcCLB.511697.30	hypothetical protein	0,832	0,002975
TcCLB.511827.130	dispersed gene family protein 1 (DGF-1), putative	0,8319	1,785E-12
TcCLB.505057.10	hypothetical protein, conserved	0,8318	3,485E-12
TcCLB.510575.100	hypothetical protein, conserved	0,8316	1,015E-10
TcCLB.507641.233	ribosomal protein L37, putative	0,8315	3,364E-20
TcCLB.510663.30	60S ribosomal subunit protein L31, putative	0,8314	1,84E-22
TcCLB.507653.30	hypothetical protein	0,8312	0,0001506
TcCLB.509593.59	dispersed gene family protein 1 (DGF-1), putative	0,8312	0,1382



TcCLB.508817.60	ribosomal protein S26, putative	0,831	8,311E-26
TcCLB.507243.9	dispersed gene family protein 1 (DGF-1), putative	0,831	0,00003755
TcCLB.508211.30	sphingosine kinase A, B, putative	0,8307	1,745E-14
TcCLB.505915.40	beta galactofuranosyl glycosyltransferase (pseudogene), f	0,8307	0,0003236
TcCLB.506743.69	hypothetical protein, conserved	0,8304	4,324E-08
TcCLB.508505.4	hypothetical protein, conserved	0,8304	3,268E-06
TcCLB.443397.9	NADH-cytochrome b5 reductase, putative (fragment)	0,8298	3,945E-09
TcCLB.511829.10	dispersed gene family protein 1 (DGF-1), putative	0,8297	3,477E-13
TcCLB.511911.130	phosphoglucomutase	0,8297	2,372E-12
TcCLB.508649.20	hypothetical protein, conserved	0,8294	1,806E-25
TcCLB.509761.20	3,2-trans-enoyl-CoA isomerase, mitochondrial precursor (f	0,8294	8,474E-20
TcCLB.510965.5	elongation factor 2, putative (fragment)	0,8293	1,383E-24
TcCLB.511771.30	beta galactofuranosyl glycosyltransferase (pseudogene), f	0,8293	0,00004222
TcCLB.511619.5	FtsJ cell division protein, putative (fragment)	0,829	4,238E-13
TcCLB.510857.54	hypothetical protein, conserved	0,8289	8,425E-10
TcCLB.503611.20	ribosomal protein L24, putative	0,8281	1,286E-18
TcCLB.511001.190	vacuolar ATP synthase subunit d, putative	0,8278	8,042E-16
TcCLB.504251.9	peroxisome assembly protein, putative (fragment)	0,8277	5,803E-13
TcCLB.507669.200	hypothetical protein, conserved	0,8277	1,306E-11
TcCLB.504539.10	mucin TcSMUGL, putative	0,8277	0,002167
TcCLB.505919.40	protein kinase, putative	0,8275	0,0005745
TcCLB.511587.60	retrotransposon hot spot protein (RHS, pseudogene), puta	0,8273	4,782E-11
TcCLB.508297.41	hypothetical protein, conserved	0,8273	2,073E-06
TcCLB.509965.270	hypothetical protein, conserved	0,827	6,076E-17
TcCLB.508231.20	40S ribosomal protein S12, putative	0,8268	1,912E-26
TcCLB.504827.60	hypothetical protein, conserved	0,8264	2,514E-15
TcCLB.509027.50	hypothetical protein, conserved	0,8264	1,464E-08
TcCLB.510859.17	nucleolar RNA-binding protein, putative	0,8262	1,223E-30
TcCLB.422507.10	glycine dehydrogenase [decarboxylating], putative	0,8262	2,617E-06
TcCLB.507787.20	hypothetical protein, conserved	0,8261	1,543E-20
TcCLB.506333.10	plasma-membrane proton-efflux P-type ATPase, putative	0,8255	5,76E-36
TcCLB.504863.10	retrotransposon hot spot (RHS) protein, putative	0,8255	4,705E-18
TcCLB.511181.130	hypothetical protein	0,8253	1,087E-10
TcCLB.503647.40	hypothetical protein	0,8253	1,9E-09
TcCLB.504153.140	metallo-peptidase, Clan MF, Family M17	0,8252	1,335E-22
TcCLB.508221.539	hypothetical protein, conserved	0,8246	0,07826
TcCLB.507105.60	hypothetical protein, conserved	0,8245	4,624E-18
TcCLB.509209.10	endoplasmatic reticulum retrieval protein, putative	0,8239	4,829E-22
TcCLB.507017.20	Present in the outer mitochondrial membrane proteome f	0,8238	9,635E-11
TcCLB.503453.70	hypothetical protein, conserved	0,8237	9,806E-20
TcCLB.511069.20	40S ribosomal protein S8, putative	0,8237	1,427E-16
TcCLB.511765.40	retrotransposon hot spot protein (RHS, pseudogene), puta	0,8229	3,682E-09
TcCLB.511807.130	hypothetical protein, conserved	0,8224	0,0004962
TcCLB.511529.50	hypothetical protein, conserved	0,8222	0,0000111
TcCLB.419043.10	hypothetical protein, conserved	0,8219	9,115E-07

TcCLB.509951.30	hypothetical protein, conserved	0,8214	3,583E-16
TcCLB.508157.50	trans-sialidase, putative	0,8213	4,872E-06
TcCLB.510997.10	3-keto-dihydrosphingosine reductase	0,8211	5,858E-15
TcCLB.503869.40	pumilio/PUF RNA binding protein 9, putative (PUF9)	0,8211	4,262E-09
TcCLB.510343.5	hypothetical protein, conserved (fragment)	0,821	1,904E-09
TcCLB.506327.30	hypothetical protein, conserved	0,8206	1,819E-22
TcCLB.511809.140	histone H2A, putative	0,8203	4,587E-19
TcCLB.508185.10	enoyl-CoA hydratase, mitochondrial precursor, putative	0,8197	2,551E-13
TcCLB.506303.111	hypothetical protein, conserved	0,8196	6,867E-16
TcCLB.457547.9	dispersed gene family protein 1 (DGF-1), putative	0,8195	0,0008609
TcCLB.509875.210	60S ribosomal protein L17, putative	0,8193	1,007E-26
TcCLB.511655.10	hypothetical protein, conserved	0,8191	3,037E-06
TcCLB.508537.10	glyceraldehyde 3-phosphate dehydrogenase, cytosolic, putative	0,819	0,001272
TcCLB.503531.20	hypothetical protein, conserved	0,8189	2,169E-14
TcCLB.510241.50	60S ribosomal protein L10, putative	0,8188	1,727E-24
TcCLB.508299.20	hypothetical protein, conserved	0,8188	2,671E-09
TcCLB.508441.70	enoyl-CoA hydratase/Enoyl-CoA isomerase/3-hydroxyacyl-nucleolar RNA-binding protein, putative	0,8182	6,065E-19
TcCLB.510289.6	dispersed gene family protein 1 (DGF-1, pseudogene), putative	0,8182	3,962E-09
TcCLB.511063.80	dispersed gene family protein 1 (DGF-1, pseudogene), putative	0,8182	0,005398
TcCLB.510773.120	hypothetical protein	0,8181	0,05937
TcCLB.510575.190	60S ribosomal protein L10, putative	0,8176	1,236E-20
TcCLB.510861.14	hypothetical protein, conserved (fragment)	0,8173	5,253E-15
TcCLB.424195.5	hypothetical protein, conserved	0,8168	0,02189
TcCLB.504159.70	hypothetical protein, conserved	0,8166	9,628E-11
TcCLB.504073.30	ribonucleoside-diphosphate reductase large chain, putative	0,8161	3,618E-06
TcCLB.506529.50	arginine N-methyltransferase, putative	0,816	1,834E-13
TcCLB.509587.10	mitochondrial DNA polymerase I protein D, putative	0,8159	4,681E-29
TcCLB.510823.30	Isoprenylcysteine alpha-carbonyl methylesterase, putative	0,8152	6,062E-19
TcCLB.508785.4	hypothetical protein, conserved (fragment)	0,8149	6,132E-17
TcCLB.504929.10	casein kinase, delta isoform, putative	0,8146	0,04986
TcCLB.505071.80	hypothetical protein	0,8145	7,5E-16
TcCLB.509261.30	3,2-trans-enoyl-CoA isomerase, mitochondrial precursor, putative	0,8144	3,863E-22
TcCLB.503425.20	monothiol glutaredoxin, putative	0,8144	2,63E-11
TcCLB.507515.80	hypothetical protein, conserved	0,8143	2,082E-10
TcCLB.503925.60	hypothetical protein	0,8142	3,976E-14
TcCLB.508567.80	DNA repair and recombination helicase protein PIF7, putative	0,8139	7,264E-19
TcCLB.509567.60	hypothetical protein	0,8139	3,312E-14
TcCLB.410241.10	retrotransposon hot spot protein (RHS, pseudogene), putative	0,8138	0,03758
TcCLB.511303.60	translation initiation factor, putative	0,8137	2,646E-30
TcCLB.510187.320	hypothetical protein	0,8137	9,689E-14
TcCLB.511811.10	40S ribosomal protein S15, putative	0,8137	0,00321
TcCLB.510243.119	hypothetical protein, conserved	0,8136	2,073E-09
TcCLB.508415.40	ADP-ribosylation factor 1, putative (ARF1)	0,8131	1,18E-18
TcCLB.506413.20	40S ribosomal protein S33, putative	0,8131	5,454E-18
TcCLB.510149.130	hypothetical protein, conserved	0,8131	1,72E-09

TcCLB.511467.60	hypothetical protein, conserved	0,8128	2,418E-10
TcCLB.505077.9	dispersed gene family protein 1 (DGF-1), putative (fragment)	0,8125	0,00305
TcCLB.511825.260	ribosomal RNA processing protein 45, putative (RRP45)	0,8124	3,823E-11
TcCLB.505773.10	retrotransposon hot spot protein (RHS, pseudogene), putative	0,812	0,00001696
TcCLB.508641.184	Protein translation factor SUI1 homolog, putative	0,8117	9,874E-09
TcCLB.507739.50	hypothetical protein, conserved	0,8115	6,618E-06
TcCLB.507245.40	dispersed gene family protein 1 (DGF-1), putative	0,811	1,588E-07
TcCLB.509331.200	ABC transporter, putative	0,811	4,648E-07
TcCLB.506855.80	ATP synthase, putative	0,8109	1,465E-16
TcCLB.506583.40	cdc2-related kinase 3, putative (CRK3)	0,8108	1,285E-07
TcCLB.507589.14	tryptophanyl-tRNA synthetase, putative	0,8104	4,155E-37
TcCLB.506375.10	tryptophanyl-tRNA synthetase, putative	0,8104	0,00776
TcCLB.506247.390	hypothetical protein, conserved	0,8101	2,471E-17
TcCLB.510719.30	ribosomal protein L29, putative	0,8093	3,061E-17
TcCLB.510531.10	hypothetical protein, conserved	0,8092	1,06E-20
TcCLB.510547.30	trans-sialidase (pseudogene), putative	0,8089	0,00253
TcCLB.511809.20	methylenetetrahydrofolate dehydrogenase-like protein, putative	0,8087	6,189E-13
TcCLB.506435.134	Enriched in surface-labeled proteome protein 11, putative	0,8086	4,017E-10
TcCLB.508461.40	hypothetical protein, conserved	0,8086	5,564E-08
TcCLB.508041.80	protein transport protein Sec31, putative (pseudogene)	0,8083	1,827E-22
TcCLB.506537.160	glycine dehydrogenase [decarboxylating] (pseudogene), putative	0,8079	3,958E-10
TcCLB.510725.99	Chaperonin HSP60, mitochondrial (HSP60)	0,8079	0,0001819
TcCLB.510687.120	snoRNP protein GAR1, putative	0,8078	7,069E-11
TcCLB.506743.200	3-Beta-hydroxysteroid-delta(8), delta(7)-isomerase, putative	0,8078	7,565E-08
TcCLB.511425.30	hypothetical protein, conserved	0,8074	9,628E-11
TcCLB.504055.30	hypothetical protein	0,8073	1,192E-09
TcCLB.507625.170	hypothetical protein, conserved	0,8069	2,089E-14
TcCLB.506213.60	40S ribosomal protein S2, putative	0,8069	0,01042
TcCLB.507927.20	mitochondrial oligo_U binding protein TBRGG1, putative	0,8068	7,447E-10
TcCLB.507873.34	hypothetical protein, conserved	0,8068	0,00000603
TcCLB.506963.14	40S ribosomal protein S27, putative	0,8067	1,223E-17
TcCLB.504157.10	heterogeneous nuclear ribonucleoprotein H/F, putative	0,8066	7,202E-12
TcCLB.511807.64	DNA repair protein, putative	0,8064	5,726E-14
TcCLB.508973.9	hypothetical protein, conserved (fragment)	0,8064	1,116E-08
TcCLB.511901.30	Glycerophosphoryl diester phosphodiesterase family, putative	0,8061	1,139E-14
TcCLB.511837.80	hypothetical protein, conserved	0,8059	6,308E-11
TcCLB.505163.50	hypothetical protein	0,8059	0,01209
TcCLB.460757.20	hypothetical protein (fragment)	0,8058	0,03043
TcCLB.505317.9	trans-sialidase, putative (fragment)	0,8053	4,89E-07
TcCLB.509025.10	hypothetical protein, conserved	0,8053	0,00001499
TcCLB.509695.200	T-complex protein 1, delta subunit, putative	0,8052	5,837E-25
TcCLB.510761.73	dynein-associated protein, putative	0,8052	6,667E-09
TcCLB.509723.20	glycine dehydrogenase (pseudogene), putative	0,8048	0,01009
TcCLB.510357.120	hypothetical protein, conserved	0,8044	0,009328
TcCLB.508461.4	hypothetical protein, conserved	0,8042	2,511E-14

TcCLB.506925.460	hypothetical protein, conserved	0,8039	7,543E-09
TcCLB.504059.30	hypothetical protein, conserved	0,8033	1,6E-21
TcCLB.506213.80	60S ribosomal protein L17, putative	0,8032	1,407E-09
TcCLB.506063.59	dispersed gene family protein 1 (DGF-1), putative	0,8031	0,000562
TcCLB.511657.30	hypothetical protein, conserved	0,8027	1,626E-15
TcCLB.511277.170	ATP-dependent zinc metallopeptidase, putative	0,8019	5,781E-22
TcCLB.511829.20	retrotransposon hot spot protein (RHS, pseudogene), puta	0,8019	0,00000432
TcCLB.508323.60	centrin-4, putative (Centrin4)	0,8018	3,778E-19
TcCLB.503763.30	retrotransposon hot spot protein (RHS, pseudogene), puta	0,8017	9,655E-16
TcCLB.511417.30	hypothetical protein, conserved	0,8016	4,135E-12
TcCLB.505807.209	hypothetical protein, conserved	0,8016	1,177E-06
TcCLB.507513.70	40S ribosomal protein S16, putative	0,8015	7,442E-24
TcCLB.506151.4	hypothetical protein, conserved (fragment)	0,801	1,006E-09
TcCLB.511671.110	hypothetical protein, conserved	0,801	7,442E-07
TcCLB.504443.30	DNA-directed RNA polymerase II subunit 2, putative (pseu	0,8009	2,179E-19
TcCLB.506943.80	hypothetical protein, conserved	0,8006	3,728E-23
TcCLB.511821.110	translation initiation factor IF-2, putative	0,8006	8,855E-19
TcCLB.503583.24	hypothetical protein, conserved	0,8001	1,057E-22
TcCLB.504797.90	hypothetical protein, conserved	0,7999	1,213E-08
TcCLB.509215.30	hypothetical protein, conserved	0,7998	6,785E-07
TcCLB.511019.13	retrotransposon hot spot (RHS) protein, putative (fragmer	0,7993	1,573E-14
TcCLB.503453.40	60S ribosomal protein L30, putative	0,7992	6,771E-07
TcCLB.509089.9	dispersed gene family protein 1 (DGF-1), putative	0,7987	0,00001412
TcCLB.509921.51	hypothetical protein, conserved (pseudogene)	0,7985	0,0003126
TcCLB.504163.100	hypothetical protein, conserved	0,7979	2,774E-15
TcCLB.511211.130	receptor for activated C kinase 1, putative	0,7978	1,432E-20
TcCLB.510755.60	ADP-ribosylation factor 1, putative (ARF1)	0,7978	5,977E-06
TcCLB.509365.11	tryptophanyl-tRNA synthetase (pseudogene), putative	0,7974	0,00002668
TcCLB.510683.20	hypothetical protein, conserved	0,7972	1,137E-08
TcCLB.504089.70	hypothetical protein, conserved	0,797	5,947E-08
TcCLB.503909.19	dispersed gene family protein 1 (DGF-1), putative (fragme	0,797	0,0005047
TcCLB.511421.10	hypothetical protein, conserved	0,7965	1,691E-19
TcCLB.510517.10	chaperonin/T-complex protein 1 gamma subunit, putative	0,7965	2,755E-17
TcCLB.509177.68	translation initiation factor, putative	0,7958	9,9E-10
TcCLB.506989.10	hypothetical protein, conserved	0,7958	3,229E-08
TcCLB.503579.119	hypothetical protein, conserved	0,7958	0,00003612
TcCLB.503571.10	flagellum-adhesion glycoprotein, putative	0,7957	5,537E-17
TcCLB.508421.20	dispersed gene family protein 1 (DGF-1, pseudogene), put	0,7956	0,0000781
TcCLB.511389.140	hypothetical protein, conserved	0,7955	4,999E-09
TcCLB.509165.34	ribosomal P protein AGP2beta-1, putative	0,7954	5,707E-11
TcCLB.510533.100	hypothetical protein, conserved	0,7954	1,997E-07
TcCLB.511145.20	60S ribosomal protein L32, putative	0,7953	8,935E-20
TcCLB.511145.60	ATP synthase F1 subunit gamma protein, putative (ATPF1	0,7953	7,488E-14
TcCLB.456097.30	glycerophosphoryl diester phosphodiesterase, putative	0,7953	7,007E-10
TcCLB.510735.100	hypothetical protein, conserved	0,795	9,864E-09

TcCLB.506503.160	hypothetical protein, conserved	0,7948	1,193E-23
TcCLB.509805.150	hypothetical protein, conserved	0,7948	2,042E-12
TcCLB.506861.10	ATP-dependent DEAD/H RNA helicase, putative	0,7946	5,08E-13
TcCLB.507673.20	60S ribosomal protein L13a, putative	0,7944	2,424E-19
TcCLB.506885.40	hypothetical protein, conserved	0,7942	9,373E-16
TcCLB.509233.160	alpha-tubulin N-acetyltransferase, putative	0,7942	1,959E-10
TcCLB.507265.15	transcription activator, putative (fragment)	0,7935	8,111E-23
TcCLB.509461.70	hypothetical protein, conserved	0,7933	6,895E-15
TcCLB.508153.1040	hypothetical protein, conserved	0,7933	4,799E-12
TcCLB.510731.120	hypothetical protein, conserved	0,7932	5,181E-11
TcCLB.508003.30	hypothetical protein, conserved (pseudogene)	0,7932	1,539E-07
TcCLB.508501.280	hypothetical protein, conserved	0,7932	1,89E-07
TcCLB.511017.25	hypothetical protein	0,7931	0,00005098
TcCLB.507231.20	trans-sialidase (pseudogene), putative	0,7931	0,001302
TcCLB.506789.180	glutaminyl cyclase, putative	0,7929	1,186E-17
TcCLB.506819.40	hypothetical protein, conserved	0,7922	1,331E-10
TcCLB.510699.110	retrotransposon hot spot protein (RHS, pseudogene), puta	0,7922	2,653E-06
TcCLB.503973.255	hypothetical protein, conserved (pseudogene)	0,792	0,03419
TcCLB.511545.20	ribosomal protein L27, putative	0,7916	2,971E-19
TcCLB.506773.80	hypothetical protein, conserved	0,7916	2,2E-15
TcCLB.509209.20	hypothetical protein, conserved	0,7914	0,000021
TcCLB.509395.10	hypothetical protein, conserved	0,7912	3,804E-11
TcCLB.510901.70	mitochondrial RNA binding complex 1 subunit, putative	0,791	8,307E-17
TcCLB.504423.30	hypothetical protein, conserved	0,791	2,002E-08
TcCLB.508153.170	ubiquinone biosynthesis protein COQ7 homolog, putative	0,791	0,0000868
TcCLB.506139.120	trans-sialidase, Group V, putative	0,7909	8,329E-06
TcCLB.506435.420	hypothetical protein, conserved	0,7908	2,652E-07
TcCLB.508787.14	hypothetical protein, conserved	0,7902	0,00002465
TcCLB.511729.50	hypothetical protein, conserved	0,7901	1,228E-18
TcCLB.509637.36	procyclic form surface glycoprotein, putative (fragment)	0,7901	2,564E-10
TcCLB.510637.9	dispersed gene family protein 1 (DGF-1), putative	0,7901	0,00003805
TcCLB.506265.130	hypothetical protein, conserved	0,79	5,349E-13
TcCLB.506489.40	hypothetical protein, conserved	0,7899	1,168E-11
TcCLB.511419.70	hypothetical protein	0,7899	6,767E-08
TcCLB.507053.170	hypothetical protein, conserved	0,7897	1,93E-15
TcCLB.511771.10	retrotransposon hot spot protein (RHS, pseudogene), puta	0,7897	2,704E-15
TcCLB.505915.10	retrotransposon hot spot protein (RHS, pseudogene), puta	0,7896	7,596E-08
TcCLB.504883.50	hypothetical protein, conserved	0,7891	2,43E-18
TcCLB.506503.60	hypothetical protein, conserved	0,7889	6,548E-14
TcCLB.506041.10	hypothetical protein, conserved (fragment)	0,7889	1,611E-08
TcCLB.511003.30	mitochondrial RNA binding complex 1 subunit, putative (R	0,7886	4,953E-21
TcCLB.507615.130	hypothetical protein, conserved	0,7883	5,535E-08
TcCLB.506469.40	hypothetical protein, conserved	0,7883	1,868E-06
TcCLB.506835.30	60S ribosomal protein L9, putative	0,7882	1,09E-28
TcCLB.506565.20	hypothetical protein, conserved	0,7882	3,008E-09

TcCLB.510407.60	tyrosyl-tRNA synthetase (pseudogene), putative	0,788	5,05E-23
TcCLB.510257.139	transcription activator, putative	0,7874	8,252E-12
TcCLB.506739.150	60S ribosomal protein L13a, putative	0,7873	2,721E-27
TcCLB.507091.10	hypothetical protein, conserved	0,7871	0,01592
TcCLB.506685.20	hypothetical protein, conserved	0,787	1,722E-11
TcCLB.511211.120	receptor for activated C kinase 1, putative	0,7868	2,969E-28
TcCLB.511523.70	Present in the outer mitochondrial membrane proteome	0,7865	1,316E-06
TcCLB.507087.80	5'-3' exoribonuclease B, putative (XRNB)	0,7859	8,573E-15
TcCLB.504071.40	hypothetical protein	0,7859	2,851E-08
TcCLB.504109.70	mitochondrial carrier protein, putative	0,7855	1,475E-18
TcCLB.503453.30	60S ribosomal protein L30, putative	0,7855	3,245E-17
TcCLB.510307.200	hypothetical protein, conserved	0,7855	1,702E-09
TcCLB.506359.80	Dynein light chain roadblock-type protein, putative	0,7855	8,171E-09
TcCLB.509735.70	retrotransposon hot spot protein (RHS, pseudogene), puta	0,7853	1,409E-13
TcCLB.507467.110	hypothetical protein, conserved	0,785	4,585E-19
TcCLB.505193.90	hypothetical protein, conserved	0,7848	1,424E-14
TcCLB.509645.30	hypothetical protein, conserved	0,7846	6,648E-11
TcCLB.510603.140	hypothetical protein	0,7845	2,294E-18
TcCLB.507625.200	hypothetical protein, conserved	0,7843	1,932E-11
TcCLB.508461.550	hypothetical protein, conserved	0,7843	6,558E-10
TcCLB.508501.240	hypothetical protein, conserved	0,7842	8,111E-06
TcCLB.511163.10	seryl-tRNA synthetase, putative (fragment)	0,7838	6,018E-21
TcCLB.509733.140	hypothetical protein, conserved	0,7838	4,001E-17
TcCLB.508965.30	hypothetical protein	0,7837	1,152E-12
TcCLB.503613.30	DNA repair protein, putative	0,7833	2,058E-11
TcCLB.511469.90	hypothetical protein	0,783	1,156E-07
TcCLB.509163.10	hypothetical protein	0,7825	0,00000934
TcCLB.509891.20	hypothetical protein, conserved (pseudogene)	0,7824	1,79E-08
TcCLB.503687.30	hypothetical protein, conserved	0,7824	3,743E-06
TcCLB.506789.310	hypothetical protein, conserved	0,7819	7,069E-11
TcCLB.508027.40	folate/pteridine transporter, putative	0,7818	4,863E-18
TcCLB.511717.150	hypothetical protein, conserved	0,7815	2,437E-12
TcCLB.482471.10	hypothetical protein, conserved	0,7815	2,688E-10
TcCLB.511035.10	surface protease GP63, putative	0,7813	6,265E-20
TcCLB.503981.40	DnaJ chaperone protein, putative	0,781	8,52E-23
TcCLB.511247.27	RNA editing 3' terminal uridylyl transferase 1, putative	0,7809	1,512E-08
TcCLB.506657.50	ADP/ATP mitochondrial carrier protein (pseudogene), putative	0,7808	5,308E-10
TcCLB.511529.130	hypothetical protein, conserved	0,7808	4,724E-09
TcCLB.508355.250	60S acidic ribosomal protein P0, putative (P0)	0,7805	6,646E-30
TcCLB.508897.30	ABC transport system ATP-binding protein, putative	0,7803	1,734E-25
TcCLB.511221.35	retrotransposon hot spot protein (RHS, pseudogene), puta	0,7798	1,415E-08
TcCLB.509307.10	retrotransposon hot spot protein (RHS, pseudogene), puta	0,7798	1,979E-08
TcCLB.509177.20	hypothetical protein	0,7794	1,461E-09
TcCLB.509527.200	hypothetical protein	0,7792	0,02121
TcCLB.506417.20	hypothetical protein, conserved	0,779	0,00007204

TcCLB.503431.70	hypothetical protein, conserved	0,7781	8,581E-12
TcCLB.504017.20	hypothetical protein, conserved	0,7779	5,707E-14
TcCLB.506581.20	hypothetical protein, conserved	0,7779	1,824E-09
TcCLB.509667.20	tryptophanyl-tRNA synthetase (pseudogene), putative	0,7773	2,209E-06
TcCLB.507081.40	hypothetical protein, conserved	0,7771	6,625E-11
TcCLB.508139.210	dispersed gene family protein 1 (DGF-1), putative	0,7771	5,036E-06
TcCLB.506649.70	fructose-1,6-bisphosphatase, cytosolic, putative	0,7769	6,159E-15
TcCLB.503431.30	hypothetical protein	0,7762	2,018E-06
TcCLB.503811.10	heat shock protein 90, putative (LPG3)	0,7759	2,405E-15
TcCLB.510053.60	cytidine deaminase-like protein, putative	0,7759	5,766E-09
TcCLB.509749.33	ribosomal protein L29, putative	0,7758	2,217E-15
TcCLB.507521.44	hypothetical protein, conserved	0,7755	0,00001953
TcCLB.506685.10	hypothetical protein, conserved	0,7752	9,911E-17
TcCLB.508147.45	hypothetical protein, conserved (pseudogene)	0,7748	0,008841
TcCLB.504069.30	60S ribosomal protein L32, putative	0,7747	6,098E-14
TcCLB.511327.20	hypothetical protein (fragment)	0,7746	0,00001532
TcCLB.509257.10	trans-sialidase, Group II, putative	0,7745	1,204E-13
TcCLB.511825.69	cyclophilin, putative	0,7742	2,795E-08
TcCLB.503861.50	beta galactofuranosyl glycosyltransferase, putative	0,7741	8,251E-17
TcCLB.511871.10	hypothetical protein, conserved	0,7741	5,561E-06
TcCLB.506351.50	hypothetical protein	0,774	1,922E-08
TcCLB.509561.20	flagellum-adhesion glycoprotein, putative	0,7739	8,992E-15
TcCLB.508017.20	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase (γ	0,7739	0,003467
TcCLB.510431.250	phosphoribosylpyrophosphate synthetase, putative	0,7737	4,71E-20
TcCLB.508555.34	hypothetical protein, conserved	0,7737	4,355E-06
TcCLB.507801.160	hypothetical protein, conserved	0,7734	5,847E-09
TcCLB.510733.20	hypothetical protein, conserved	0,7731	7,86E-14
TcCLB.426397.9	kinesin, putative (fragment)	0,7731	3,203E-11
TcCLB.506815.60	60S ribosomal protein L44 (RPL44)	0,773	6,091E-23
TcCLB.506475.110	hypothetical protein	0,773	0,0001219
TcCLB.507993.60	hypothetical protein, conserved	0,7727	2,808E-10
TcCLB.511797.54	dispersed gene family protein 1 (DGF-1), putative	0,7727	0,004813
TcCLB.510155.10	hypothetical protein, conserved	0,7726	4,805E-29
TcCLB.503847.10	hypothetical protein, conserved (pseudogene)	0,7726	1,227E-14
TcCLB.504443.10	cysteine peptidase, Clan CA, family C19, putative	0,7723	1,374E-12
TcCLB.505169.21	phospholipid transporting ATPase-like protein (pseudogen	0,7722	0,01066
TcCLB.506595.110	AGP2beta-2, putative	0,7721	5,771E-10
TcCLB.508859.90	phosphatidylinositol 3-kinase 2, putative	0,7718	1,183E-09
TcCLB.511277.150	hypothetical protein	0,7717	1,782E-19
TcCLB.509613.10	hypothetical protein, conserved	0,771	1,852E-08
TcCLB.510543.110	hypothetical protein, conserved (pseudogene)	0,7707	0,00002647
TcCLB.507499.50	hypothetical protein, conserved (pseudogene)	0,7705	5,828E-07
TcCLB.511755.19	hypothetical protein, conserved	0,7705	0,001864
TcCLB.506413.80	cyclophilin, putative	0,7703	1,149E-08
TcCLB.506869.10	hypothetical protein	0,77	2,228E-09

TcCLB.506819.30	superoxide dismutase, putative	0,7696	1,375E-11
TcCLB.508707.40	hypothetical protein, conserved	0,7695	4,623E-15
TcCLB.506945.210	Zinc finger CCCH domain-containing protein 47 (zc3h47)	0,7694	4,821E-25
TcCLB.511537.69	hypothetical protein, conserved	0,7694	5,381E-15
TcCLB.506243.50	dispersed gene family protein 1 (DGF-1, pseudogene), putative	0,7692	0,0001565
TcCLB.511017.60	hypothetical protein	0,7691	1,774E-19
TcCLB.503925.40	hypothetical protein	0,769	8,466E-08
TcCLB.509229.110	hypothetical protein, conserved	0,7687	1,281E-16
TcCLB.511825.30	hypothetical protein, conserved	0,7684	2,937E-09
TcCLB.509787.30	retrotransposon hot spot protein (RHS, pseudogene), putative	0,7683	3,031E-08
TcCLB.508515.90	hypothetical protein, conserved	0,7683	3,313E-06
TcCLB.507777.41	trans-sialidase (pseudogene), putative	0,768	0,002732
TcCLB.510891.30	retrotransposon hot spot protein (RHS, pseudogene), putative	0,7679	1,306E-11
TcCLB.506567.110	hypothetical protein, conserved	0,7679	4,268E-11
TcCLB.511843.40	dispersed gene family protein 1 (DGF-1), putative	0,7679	0,000279
TcCLB.506247.410	protein-l-isoaspartate o-methyltransferase, putative	0,7677	6,269E-11
TcCLB.509631.60	dispersed gene family protein 1 (DGF-1), putative	0,7676	0,0005044
TcCLB.508267.40	hypothetical protein, conserved	0,7675	1,331E-14
TcCLB.511747.7	cyclosome subunit, putative (fragment)	0,7675	9,632E-10
TcCLB.508153.460	Present in the outer mitochondrial membrane proteome	0,7671	1,651E-17
TcCLB.511267.30	cholinephosphate cytidyltransferase A, putative	0,7669	4,955E-16
TcCLB.507157.10	mucin TcSMUGL, putative	0,7669	0,00003323
TcCLB.506489.20	monoglyceride lipase, putative	0,7668	3,717E-20
TcCLB.508087.10	hypothetical protein	0,7668	5,411E-10
TcCLB.511713.9	hypothetical protein, conserved	0,7668	0,000135
TcCLB.509615.4	hypothetical protein, conserved (pseudogene)	0,7668	0,0005236
TcCLB.509815.50	beta galactofuranosyl glycosyltransferase, putative	0,7665	8,686E-06
TcCLB.506631.20	cardiolipin synthetase, putative (cls)	0,7663	1,306E-12
TcCLB.510773.110	hypothetical protein, conserved	0,7663	3,118E-07
TcCLB.503681.20	ethanolamine phosphotransferase, putative	0,7661	1,098E-11
TcCLB.511761.50	sodium/hydrogen exchanger, putative (FTP)	0,7661	1,706E-11
TcCLB.510823.40	hypothetical protein, conserved	0,7658	1,989E-17
TcCLB.508027.100	hypothetical protein	0,7658	7,029E-12
TcCLB.508707.200	nucleoside diphosphate kinase (NDPK1)	0,7657	1,24E-15
TcCLB.506617.50	hypothetical protein	0,7656	2,008E-09
TcCLB.506975.63	hypothetical protein, conserved	0,7656	2,751E-09
TcCLB.507849.50	cysteine proteinase, putative	0,7655	2,152E-20
TcCLB.506559.470	ribosomal protein l35a, putative	0,7654	9,394E-29
TcCLB.503917.40	hypothetical protein, conserved	0,7654	5,963E-10
TcCLB.511815.50	hypothetical protein, conserved	0,7653	8,425E-21
TcCLB.506529.669	hypothetical protein, conserved	0,7652	2,925E-06
TcCLB.508317.50	ammonium transporter, putative	0,7651	3,442E-14
TcCLB.504097.40	hypothetical protein, conserved	0,7649	1,452E-13
TcCLB.509059.30	calcium-binding protein, putative	0,7649	8,273E-07
TcCLB.510773.50	hypothetical protein	0,7647	0,00003268



TcCLB.506407.80	intraflagellar transport protein 81, putative (IFT81)	0,7643	6,993E-26
TcCLB.511003.150	hypothetical protein	0,7639	2,76E-15
TcCLB.505977.26	60S acidic ribosomal protein P2, putative	0,7638	1,241E-18
TcCLB.510945.30	actin, putative	0,7638	1,125E-12
TcCLB.508461.380	calmodulin, putative	0,7637	2,538E-19
TcCLB.506773.70	transcription modulator/accessory protein, putative	0,7636	1,065E-17
TcCLB.504213.120	proteasome alpha 3 subunit, putative	0,7635	5,694E-18
TcCLB.506297.4	hypothetical protein, conserved (pseudogene)	0,7635	3,073E-08
TcCLB.507991.40	hypothetical protein	0,7632	5,501E-10
TcCLB.503449.10	60S ribosomal protein L17, putative	0,7628	1,215E-23
TcCLB.510007.70	ATP-dependent zinc metallopeptidase, putative	0,7628	1,147E-10
TcCLB.511183.330	dispersed gene family protein 1 (DGF-1), putative	0,7627	0,002408
TcCLB.506295.150	hypothetical protein	0,7626	1,111E-07
TcCLB.511661.90	ribose-phosphate pyrophosphokinase, putative	0,7625	1,967E-21
TcCLB.504137.140	hypothetical protein, conserved	0,7624	4,046E-11
TcCLB.508153.1080	hypothetical protein, conserved	0,7624	5,709E-08
TcCLB.503973.10	hypothetical protein	0,7624	0,0006894
TcCLB.510889.231	ATP synthase subunit, putative	0,7623	6,551E-06
TcCLB.506973.70	dispersed gene family protein 1 (DGF-1), putative	0,7623	0,1424
TcCLB.506943.27	hypothetical protein, conserved	0,7619	0,00003349
TcCLB.510543.90	retrotransposon hot spot (RHS) protein, putative	0,7619	0,0001745
TcCLB.506885.416	regulator of chromosome condensation (RCC1), putative	0,7618	5,911E-13
TcCLB.508651.10	dispersed gene family protein 1 (DGF-1, pseudogene), putative	0,7616	0,02674
TcCLB.509583.10	chaperonin TCP20, putative	0,7614	1,972E-18
TcCLB.510187.290	ATP-dependent DEAD/H RNA helicase, putative (HEL64)	0,7608	2,509E-21
TcCLB.511249.4	RNA editing 3' terminal uridylyl transferase 1, putative	0,7608	3,824E-07
TcCLB.507895.170	hypothetical protein, conserved	0,7607	7,845E-11
TcCLB.508397.79	hypothetical protein, conserved	0,7607	0,001097
TcCLB.509445.39	glutamate dehydrogenase, putative	0,7606	7,18E-14
TcCLB.506401.150	hypothetical protein, conserved	0,7606	9,89E-09
TcCLB.510311.190	hypothetical protein, conserved	0,7603	4,443E-12
TcCLB.509913.24	dynein light chain 2B, cytoplasmic, putative	0,7602	5,878E-11
TcCLB.503437.31	ATP-dependent DEAD/H RNA helicase (pseudogene), putative	0,7601	0,02016
TcCLB.509443.20	mitochondrial RNA binding protein 1, putative	0,76	7,706E-15
TcCLB.507477.20	hypothetical protein, conserved (pseudogene)	0,7592	6,976E-16
TcCLB.509551.70	hypothetical protein, conserved	0,7592	1,903E-11
TcCLB.470827.20	trans-sialidase, putative	0,7591	1,217E-08
TcCLB.412723.9	dispersed gene family protein 1 (DGF-1), putative (fragment)	0,7591	0,01761
TcCLB.511825.63	peptidyl-prolyl cis-trans isomerase, putative	0,7588	5,487E-11
TcCLB.504105.110	hypothetical protein, conserved	0,7585	4,312E-22
TcCLB.511807.200	hypothetical protein, conserved	0,7583	5,839E-24
TcCLB.509541.19	major vault protein, putative	0,7582	3,494E-14
TcCLB.504669.30	surface protease GP63, putative	0,7581	2,016E-10
TcCLB.506511.30	hypothetical protein, conserved	0,7579	1,063E-15
TcCLB.510315.14	hypothetical protein, conserved	0,7578	4,364E-07

TcCLB.468041.30	retrotransposon hot spot protein (RHS, pseudogene), puta	0,7577	7,039E-18
TcCLB.507897.10	hypothetical protein, conserved	0,7575	3,547E-07
TcCLB.507913.20	phosphomevalonate kinase protein, putative	0,7574	7,999E-10
TcCLB.506297.260	lanosterol 14-alpha-demethylase, putative (CYP51)	0,7572	4,53E-19
TcCLB.504181.50	T-complex protein 1, delta subunit, putative	0,7571	7,729E-11
TcCLB.507891.56	flagellar calcium-binding protein, putative (fragment)	0,7566	5,739E-09
TcCLB.509965.20	hypothetical protein	0,7566	1,366E-06
TcCLB.510341.4	Monoxygenase, putative (fragment)	0,7562	5,923E-07
TcCLB.511233.14	40S ribosomal protein S27, putative	0,7561	1,512E-19
TcCLB.510087.50	hypothetical protein, conserved	0,7561	3,006E-15
TcCLB.510155.160	protein kinase, putative	0,756	3,748E-18
TcCLB.507875.140	retrotransposon hot spot protein (RHS, pseudogene), puta	0,7557	0,0006685
TcCLB.511649.80	myosin heavy chain, putative	0,7556	1,168E-15
TcCLB.506677.20	cdc2-related kinase 3, putative (CRK3)	0,7553	0,00007763
TcCLB.511281.40	mevalonate-diphosphate decarboxylase, putative	0,7552	1,547E-11
TcCLB.509047.80	mitochondrial oligo_U binding protein TBRGG1 (pseudoge	0,7549	5,797E-12
TcCLB.508703.25	hypothetical protein	0,7543	3,014E-10
TcCLB.509455.140	cyclin, putative	0,7541	5,662E-09
TcCLB.460127.20	metallo- peptidase, Clan M- Family M48 (FACE1)	0,7541	8,704E-09
TcCLB.504741.240	hypothetical protein, conserved	0,7541	2,088E-06
TcCLB.507529.30	hypothetical protein, conserved	0,7537	2,302E-15
TcCLB.506907.30	hypothetical protein, conserved	0,7535	7,118E-09
TcCLB.506677.39	Elongation factor G1, mitochondrial, putative (EF-G1)	0,7533	4,216E-21
TcCLB.506943.40	hypothetical protein, conserved	0,7532	2,672E-10
TcCLB.511031.10	hypothetical protein, conserved	0,753	0,00007648
TcCLB.507779.20	trans-sialidase (pseudogene), putative	0,7528	0,0002003
TcCLB.507049.65	hypothetical protein, conserved (pseudogene)	0,7528	0,001494
TcCLB.507677.39	40S ribosomal protein S3, putative	0,7526	5,839E-28
TcCLB.510731.20	hypothetical protein, conserved	0,7523	1,051E-12
TcCLB.503855.20	spermidine synthase, putative	0,7515	2,937E-16
TcCLB.507611.310	eukaryotic translation initiation factor 3 subunit 8, putativ	0,7511	3,612E-18
TcCLB.510101.390	hypothetical protein, conserved	0,7511	4,654E-13
TcCLB.510719.35	ribosomal protein L29, putative	0,7511	4,139E-08
TcCLB.509965.50	hypothetical protein, conserved	0,751	0,00002549
TcCLB.511277.240	vacuolar ATP synthase subunit c, putative	0,7501	5,337E-12
TcCLB.506303.171	hypothetical protein, conserved	0,75	0,0219
TcCLB.509789.20	hypothetical protein	0,7498	2,337E-15
TcCLB.504013.55	hypothetical protein, conserved	0,7496	3,511E-08
TcCLB.504013.100	ribosomal protein S19, putative	0,7494	2,165E-22
TcCLB.511283.124	mitochondrial carrier protein, putative	0,7492	1,251E-11
TcCLB.503939.70	hypothetical protein	0,749	2,658E-20
TcCLB.510877.180	GPI transamidase subunit 16, putative (GPI16)	0,749	1,887E-17
TcCLB.506391.10	calmodulin (CALA2)	0,749	6,581E-08
TcCLB.506241.90	hypothetical protein, conserved	0,7489	8,86E-10
TcCLB.504153.200	hypothetical protein, conserved	0,7488	9,721E-08

TcCLB.508323.100	I/6 autoantigen, putative	0,7486	2,747E-07
TcCLB.510415.9	dispersed gene family protein 1 (DGF-1), putative (fragme	0,7485	0,002635
TcCLB.509033.20	beta galactofuranosyl glycosyltransferase, putative	0,7484	2,074E-07
TcCLB.509797.60	hypothetical protein	0,7483	3,033E-09
TcCLB.509611.170	hypothetical protein, conserved	0,7482	2,97E-11
TcCLB.507513.10	hypothetical protein, conserved	0,7482	1,297E-10
TcCLB.506357.170	serine/threonine protein phosphatase, putative	0,7481	2,262E-09
TcCLB.503419.50	MRB1-associated protein, putative (RGG2)	0,7478	1,093E-07
TcCLB.511351.30	protein kinase, putative	0,7475	1,218E-17
TcCLB.510257.20	hypothetical protein, conserved	0,7473	5,326E-12
TcCLB.509859.70	hypothetical protein, conserved	0,7473	1,841E-11
TcCLB.509153.70	exosome-associated protein 3, putative (EAP3)	0,7472	5,236E-12
TcCLB.506775.150	hypothetical protein, conserved	0,7472	1,3E-10
TcCLB.510005.11	endosomal integral membrane protein (pseudogene), put	0,7472	1,545E-08
TcCLB.414243.10	hypothetical protein, conserved	0,7472	1,381E-06
TcCLB.506961.50	dispersed gene family protein 1 (DGF-1), putative	0,7471	5,443E-08
TcCLB.511821.179	hypothetical protein, conserved	0,7469	7,032E-13
TcCLB.510357.60	hypothetical protein, conserved	0,7469	0,0001434
TcCLB.504797.100	35 kDa cyclophilin, putative (CYP35)	0,7467	1,537E-08
TcCLB.507693.5	tryptophanyl-tRNA synthetase, putative (fragment)	0,7467	2,948E-07
TcCLB.510053.10	hypothetical protein, conserved	0,7466	0,00000865
TcCLB.507077.50	hypothetical protein, conserved	0,7465	2,035E-07
TcCLB.511807.280	hypothetical protein, conserved	0,7464	5,357E-31
TcCLB.510285.74	hypothetical protein, conserved	0,7464	4,557E-07
TcCLB.508267.30	hypothetical protein, conserved	0,746	1,089E-11
TcCLB.508307.70	hypothetical protein, conserved	0,7459	3,956E-09
TcCLB.504107.10	calpain-like cysteine peptidase, putative (fragment)	0,7459	0,06242
TcCLB.506227.110	hypothetical protein, conserved	0,7458	8,397E-09
TcCLB.508267.20	hypothetical protein, conserved	0,7453	5,461E-19
TcCLB.507129.30	C-14 sterol reductase, putative	0,7452	6,674E-12
TcCLB.508683.9	dispersed gene family protein 1 (DGF-1), putative	0,7451	0,02536
TcCLB.504147.99	hypothetical protein	0,7443	1,973E-17
TcCLB.511889.20	retrotransposon hot spot protein (RHS, pseudogene), puta	0,7443	4,284E-10
TcCLB.508919.130	hypothetical protein, conserved	0,7442	1,037E-10
TcCLB.452699.30	dispersed gene family protein 1 (DGF-1), putative	0,744	0,03943
TcCLB.506825.10	RNA-binding protein, putative	0,744	0,09059
TcCLB.509529.19	dispersed gene family protein 1 (DGF-1), putative (fragme	0,7438	0,00000127
TcCLB.510575.130	chloride channel protein, putative	0,7432	1,269E-17
TcCLB.509125.20	ATP-dependent Clp protease subunit, heat shock protein 7	0,7431	3,318E-15
TcCLB.508881.140	hypothetical protein	0,7429	5,898E-14
TcCLB.511385.100	hypothetical protein, conserved	0,7429	1,429E-12
TcCLB.504061.10	retrotransposon hot spot protein (RHS, pseudogene), puta	0,7429	1,765E-11
TcCLB.505193.70	hypothetical protein, conserved	0,7428	1,047E-10
TcCLB.506349.47	retrotransposon hot spot protein (RHS, pseudogene), puta	0,7427	0,001767
TcCLB.504163.80	hypothetical protein, conserved	0,7424	9,43E-11

TcCLB.506405.100	hypothetical protein, conserved	0,742	1,262E-19
TcCLB.506561.10	helicase-like protein, putative	0,742	1,218E-13
TcCLB.503827.94	chitin binding-like protein (pseudogene), putative	0,742	0,0753
TcCLB.503757.20	hypothetical protein, conserved	0,7419	1,168E-06
TcCLB.510307.180	glycine dehydrogenase [decarboxylating] (pseudogene), p	0,7417	4,551E-12
TcCLB.510303.210	2,4-dienoyl-coa reductase-like protein, putative	0,7414	1,45E-23
TcCLB.508287.10	dispersed gene family protein 1 (DGF-1), putative	0,7413	0,05787
TcCLB.511765.20	dispersed gene family protein 1 (DGF-1), putative	0,7412	0,00002884
TcCLB.509937.100	ubiquitin/ribosomal protein S27a, putative	0,7411	1,086E-29
TcCLB.511661.60	hypothetical protein, conserved	0,7411	7,682E-09
TcCLB.511077.30	retrotransposon hot spot protein (RHS, pseudogene), puta	0,7411	0,0005033
TcCLB.485845.9	dispersed gene family protein 1 (DGF-1), putative (fragme	0,7411	0,134
TcCLB.510309.50	60S acidic ribosomal protein P2, putative	0,7408	4,259E-14
TcCLB.508845.9	dispersed gene family protein 1 (DGF-1), putative	0,7408	0,01791
TcCLB.510465.150	dispersed gene family protein 1 (DGF-1), putative	0,7408	0,01994
TcCLB.503639.10	inositol-3-phosphate synthase, putative	0,7407	1,966E-07
TcCLB.504189.10	beta galactofuranosyl glycosyltransferase (pseudogene), p	0,7405	0,02487
TcCLB.510001.59	hypothetical protein, conserved (fragment)	0,7404	2,285E-16
TcCLB.506171.50	retrotransposon hot spot protein (RHS, pseudogene), puta	0,7404	1,316E-07
TcCLB.507835.70	dispersed gene family protein 1 (DGF-1), putative	0,7403	0,00003448
TcCLB.509597.29	hypothetical protein, conserved	0,7402	1,053E-08
TcCLB.507583.4	hypothetical protein, conserved (fragment)	0,7402	0,0001391
TcCLB.506401.70	vacuolar protein sorting protein 18, putative	0,7401	2,465E-16
TcCLB.509643.120	hypothetical protein, conserved	0,7401	1,17E-10
TcCLB.507055.10	hypothetical protein, conserved	0,7401	0,00009294
TcCLB.505999.50	hypothetical protein, conserved	0,7399	1,598E-06
TcCLB.503493.10	hypothetical protein, conserved	0,7397	2,352E-09
TcCLB.504797.10	acidocalcisomal exopolyphosphatase, putative	0,7391	4,121E-09
TcCLB.508457.30	lipoic acid containing carrier protein, putative (GCVH)	0,7389	4,975E-12
TcCLB.507499.56	N-acetyltransferase complex ARD1 subunit (pseudogene),	0,7387	0,05734
TcCLB.509671.70	ribosomal protein L15, putative	0,7386	5,583E-25
TcCLB.506825.210	hypothetical protein, conserved	0,7385	1,76E-17
TcCLB.511733.70	hypothetical protein, conserved	0,7385	1,018E-06
TcCLB.509017.60	hypothetical protein, conserved	0,7382	1,741E-13
TcCLB.506553.30	GTP-binding protein, putative	0,7379	2,238E-12
TcCLB.508163.190	dispersed gene family protein 1 (DGF-1), putative	0,7379	0,002736
TcCLB.510533.120	translation initiation factor IF-2, putative	0,7378	2,316E-13
TcCLB.508741.220	hypothetical protein	0,7377	5,302E-14
TcCLB.456139.10	hypothetical protein, conserved	0,7376	0,0002305
TcCLB.511871.40	hypothetical protein, conserved	0,7372	8,157E-08
TcCLB.509615.10	hypothetical protein, conserved	0,7372	1,152E-07
TcCLB.510629.410	hypothetical protein, conserved	0,737	0,00006869
TcCLB.508153.280	60S ribosomal protein L13, putative	0,7368	2,018E-21
TcCLB.507963.30	hypothetical protein, conserved	0,7367	2,115E-19
TcCLB.508299.40	hypothetical protein	0,7362	3,593E-10

TcCLB.510685.30	RNA polymerase IIA largest subunit, putative	0,7358	2,677E-14
TcCLB.506507.60	retrotransposon hot spot protein (RHS, pseudogene), puta	0,7358	2,422E-09
TcCLB.507211.20	protein kinase, putative	0,7358	0,002617
TcCLB.508949.20	hypothetical protein, conserved	0,7352	0,000485
TcCLB.510629.420	protein phosphatase 1, regulatory subunit, putative	0,7347	5,96E-10
TcCLB.507079.30	multidrug resistance protein E, putative	0,7347	0,0002692
TcCLB.511693.30	hypothetical protein, conserved	0,7341	3,552E-19
TcCLB.508087.20	retrotransposon hot spot protein (RHS, pseudogene), puta	0,734	3,964E-14
TcCLB.510579.80	60S ribosomal protein L10, putative	0,7337	7,234E-18
TcCLB.507443.14	RNA polymerase IIA largest subunit, putative (fragment)	0,7337	3,045E-08
TcCLB.505975.10	hypothetical protein	0,7337	0,1332
TcCLB.510323.30	60S ribosomal protein L13, putative	0,7335	2,037E-18
TcCLB.504225.10	hypothetical protein, conserved	0,7334	6,704E-11
TcCLB.506791.70	nitroreductase	0,7333	3,467E-11
TcCLB.503449.14	hypothetical protein, conserved	0,7333	2,874E-09
TcCLB.511139.20	40S ribosomal protein S11, putative	0,7326	6,02E-24
TcCLB.506957.90	60S ribosomal protein L18a, putative	0,7323	2,012E-27
TcCLB.509221.10	retrotransposon hot spot protein (RHS, pseudogene), puta	0,7323	9,594E-12
TcCLB.511479.20	hypothetical protein, conserved	0,7323	1,584E-11
TcCLB.506171.20	hypothetical protein, conserved (pseudogene)	0,7323	3,195E-07
TcCLB.511293.80	hypothetical protein, conserved	0,7322	3,002E-09
TcCLB.510459.30	dispersed gene family protein 1 (DGF-1), putative	0,7321	0,02929
TcCLB.508393.9	dispersed gene family protein 1 (DGF-1), putative	0,7321	0,2099
TcCLB.510689.14	NADH-ubiquinone oxidoreductase complex I subunit, puta	0,732	3,451E-10
TcCLB.511821.160	microtubial binding protein, putative	0,732	0,00003542
TcCLB.510055.70	hypothetical protein, conserved	0,7315	3,019E-11
TcCLB.506865.4	hypothetical protein, conserved	0,7315	9,726E-06
TcCLB.508153.490	peptidyl-prolyl cis-trans isomerase NIMA-interacting 4, pu	0,7314	0,00007382
TcCLB.504797.40	thioredoxin, putative	0,7313	7,743E-10
TcCLB.505763.19	P-type H -ATPase, putative	0,7312	1,149E-22
TcCLB.509767.150	hypothetical protein, conserved	0,7312	1,958E-11
TcCLB.506495.20	helicase-like protein, putative	0,7307	8,128E-14
TcCLB.504769.160	dispersed gene family protein 1 (DGF-1), putative	0,7306	0,00009283
TcCLB.511517.120	hypothetical protein, conserved	0,7305	2,859E-15
TcCLB.475169.10	DNA-directed RNA polymerase II subunit 2 (pseudogene),	0,7305	0,00006943
TcCLB.511277.270	tubulin cofactor C domain-containing protein RP2, putativ	0,7297	4,797E-13
TcCLB.504797.140	CLC-type chloride channel, putative	0,7296	7,131E-20
TcCLB.508285.40	retrotransposon hot spot protein (RHS, pseudogene), puta	0,7296	0,0139
TcCLB.509533.30	retrotransposon hot spot protein (RHS, pseudogene), puta	0,7295	1,05E-08
TcCLB.511181.100	60S ribosomal protein L8, putative	0,7291	1,318E-24
TcCLB.508541.170	hypothetical protein, conserved	0,7288	0,000023
TcCLB.504021.109	40S ribosomal protein S3, putative	0,7285	1,224E-23
TcCLB.503865.50	ankyrin, putative	0,7284	1,816E-13
TcCLB.509127.10	ATP-dependent Clp protease subunit, heat shock protein 7	0,7281	4,015E-10
TcCLB.510857.50	lipocate-protein ligase, putative	0,7281	4,651E-09

TcCLB.503951.10	retrotransposon hot spot protein (RHS, pseudogene), puta	0,7281	0,006183
TcCLB.510233.20	hypothetical protein	0,7279	0,02926
TcCLB.509353.30	40S ribosomal protein S3, putative	0,7277	5,253E-20
TcCLB.504817.9	hypothetical protein, conserved (fragment)	0,7269	0,002796
TcCLB.510293.40	ubiquitin/ribosomal protein S27a, putative	0,7268	0,000435
TcCLB.510897.80	hypothetical protein, conserved	0,7267	0,00002121
TcCLB.506691.40	hypothetical protein, conserved	0,7266	2,783E-07
TcCLB.506779.44	hypothetical protein, conserved	0,7265	0,00001829
TcCLB.506163.35	hypothetical protein, conserved	0,7262	0,00001238
TcCLB.508141.50	hypothetical protein, conserved	0,7261	0,00001012
TcCLB.509303.20	glycine dehydrogenase [decarboxylating] (pseudogene), pu	0,726	0,00006452
TcCLB.506533.106	mucin TcSMUGL, putative	0,7258	2,55E-10
TcCLB.503931.30	hypothetical protein	0,7257	3,048E-09
TcCLB.511417.100	anti-silencing protein ASF 1, putative	0,7257	0,0001825
TcCLB.509253.30	3-Beta-hydroxysteroid-delta(8), delta(7)-isomerase, putat	0,7253	7,211E-08
TcCLB.506201.80	serine/threonine-protein phosphatase PP1, putative	0,7253	0,0008207
TcCLB.506933.20	ribonucleoside-diphosphate reductase large chain, putativ	0,725	3,463E-14
TcCLB.506435.460	hypothetical protein	0,725	1,999E-09
TcCLB.504949.30	succinate dehydrogenase iron-sulfur subunit (SDH2C)	0,7249	7,436E-08
TcCLB.511421.190	ESCO acetyltransferase domain-containing protein	0,7247	2,813E-09
TcCLB.508851.130	hypothetical protein	0,7241	5,115E-16
TcCLB.507011.150	hypothetical protein, conserved	0,724	2,865E-07
TcCLB.505207.40	dispersed gene family protein 1 (DGF-1), putative	0,724	0,0003386
TcCLB.510091.119	calpain-like cysteine peptidase (pseudogene), putative	0,7239	4,108E-07
TcCLB.508221.830	hypothetical protein, conserved (pseudogene)	0,7231	0,03418
TcCLB.510359.220	hypothetical protein, conserved	0,7229	1,036E-12
TcCLB.508307.200	hypothetical protein, conserved	0,7227	5,018E-09
TcCLB.508153.60	metallo-peptidase, Clan MA(E) Family M1	0,7226	3,404E-15
TcCLB.507063.120	hypothetical protein, conserved	0,7224	2,235E-06
TcCLB.507739.59	hypothetical protein, conserved	0,7218	0,00001381
TcCLB.509127.97	hypothetical protein, conserved	0,7216	4,109E-08
TcCLB.507519.260	retrotransposon hot spot protein (RHS, pseudogene), puta	0,7215	1,073E-13
TcCLB.508153.454	hypothetical protein, conserved	0,7215	2,928E-09
TcCLB.511727.140	phenylalanyl-tRNA synthetase alpha chain, putative	0,7213	8,754E-26
TcCLB.506779.160	palmitoyl acyltransferase 9, putative	0,7213	4,985E-11
TcCLB.506025.60	2-oxoglutarate dehydrogenase, E2 component, dihydrolipic	0,721	3,233E-18
TcCLB.511635.10	histone H2B, putative	0,7209	3,332E-17
TcCLB.506975.70	hypothetical protein	0,7208	0,0002935
TcCLB.511189.30	40S ribosomal protein S13, putative	0,7206	4,042E-18
TcCLB.503465.20	hypothetical protein, conserved (pseudogene)	0,7205	3,662E-06
TcCLB.509871.80	dispersed gene family protein 1 (DGF-1), putative	0,7204	0,000015
TcCLB.508879.40	hypothetical protein, conserved	0,7202	5,706E-12
TcCLB.447483.10	hypothetical protein, conserved	0,7198	4,344E-11
TcCLB.510873.10	NAD(P)-dependent steroid dehydrogenase protein, putativ	0,7194	4,118E-20
TcCLB.510403.50	retrotransposon hot spot protein (RHS, pseudogene), puta	0,7194	1,93E-15

TcCLB.506591.4	heat shock protein 90, putative (LPG3)	0,7189	1,241E-11
TcCLB.509807.29	hypothetical protein, conserved	0,7188	1,134E-06
TcCLB.506813.120	retrotransposon hot spot protein (RHS, pseudogene), puta	0,7188	0,0005332
TcCLB.508647.264	hypothetical protein, conserved	0,7182	2,177E-15
TcCLB.504003.70	S-adenosyl-methyltransferase mraW-like protein, putativ	0,7181	1,017E-14
TcCLB.507875.10	hypothetical protein, conserved	0,7181	9,352E-09
TcCLB.504121.30	60S ribosomal protein L4, putative	0,7179	9,968E-18
TcCLB.510285.60	ubiquinone biosynthesis methyltransferase, putative	0,7177	2,353E-13
TcCLB.506989.20	hypothetical protein, conserved	0,7177	2,92E-12
TcCLB.510769.100	hypothetical protein, conserved	0,7177	3,342E-10
TcCLB.508577.130	hypothetical protein, conserved	0,7176	3,688E-11
TcCLB.509437.100	retrotransposon hot spot protein (RHS, pseudogene), puta	0,7175	4,973E-06
TcCLB.506401.250	hypothetical protein, conserved	0,7173	3,064E-20
TcCLB.506211.40	intraflagellar transport protein 52, putative (IFT52)	0,7173	9,732E-19
TcCLB.504867.20	ABC transporter, putative	0,7173	1,354E-16
TcCLB.510205.70	surface protease GP63, putative	0,7172	0,04457
TcCLB.507083.50	hypothetical protein, conserved	0,7169	5,771E-07
TcCLB.511263.40	hypothetical protein, conserved	0,7167	0,08686
TcCLB.508153.770	hypothetical protein, conserved	0,7165	5,519E-13
TcCLB.510741.190	hypothetical protein, conserved (pseudogene)	0,716	7,365E-10
TcCLB.506683.100	retrotransposon hot spot protein (RHS, pseudogene), puta	0,7159	0,00006221
TcCLB.506859.80	hypothetical protein, conserved	0,7158	5,816E-15
TcCLB.510303.220	hypothetical protein, conserved	0,7156	1,02E-15
TcCLB.503665.10	trans-sialidase (pseudogene), putative	0,7154	0,03229
TcCLB.509105.10	hypothetical protein, conserved	0,7147	1,016E-10
TcCLB.510749.20	hypothetical protein, conserved	0,7146	8,036E-10
TcCLB.510663.19	60S ribosomal subunit protein L31, putative	0,7144	3,961E-09
TcCLB.509177.10	hypothetical protein, conserved	0,7139	1,622E-07
TcCLB.511499.40	hypothetical protein, conserved	0,7139	6,245E-06
TcCLB.510513.80	bilobe protein, conserved	0,7137	1,265E-12
TcCLB.506635.50	hypothetical protein	0,7133	3,24E-14
TcCLB.508919.189	dispersed gene family protein 1 (DGF-1), putative	0,7133	0,00000464
TcCLB.507167.259	trans-sialidase (pseudogene), putative	0,7131	0,00325
TcCLB.509979.51	zinc carboxypeptidase, putative	0,713	0,03456
TcCLB.510609.34	hypothetical protein, conserved	0,7128	6,724E-08
TcCLB.507167.31	N-acetyltransferase complex ARD1 subunit (pseudogene),	0,7126	0,07872
TcCLB.508207.100	60S ribosomal protein L7, putative	0,7124	7,026E-25
TcCLB.507813.10	structural maintenance of chromosome 3 protein, putativ	0,7117	9,017E-06
TcCLB.508661.20	ubiquitin/ribosomal protein S27a, putative	0,7116	7,903E-18
TcCLB.506295.200	retrotransposon hot spot protein (RHS, pseudogene), puta	0,7114	7,189E-09
TcCLB.508179.60	protein kinase, putative	0,7113	1,037E-10
TcCLB.506529.130	WD repeat and HMG-box DNA-binding protein, putative	0,7108	3,009E-15
TcCLB.506041.20	hypothetical protein, conserved	0,7107	1,743E-10
TcCLB.507603.110	hypothetical protein, conserved	0,7106	3,892E-09
TcCLB.506351.80	oligopeptidase B-like protein, putative	0,7101	2,107E-10

TcCLB.510187.460	hypothetical protein	0,7096	6,864E-08
TcCLB.509139.20	hypothetical protein, conserved	0,7094	6,602E-11
TcCLB.506355.50	chaperone DNAJ protein, putative	0,7093	7,726E-17
TcCLB.504427.250	ubiquitin-activating enzyme E1, putative	0,7089	2,815E-24
TcCLB.509803.60	retrotransposon hot spot protein (RHS, pseudogene), puta	0,7088	0,007665
TcCLB.504049.20	retrotransposon hot spot protein (RHS, pseudogene), puta	0,7086	1,366E-13
TcCLB.510903.50	phosphonopyruvate decarboxylase, putative	0,7086	1,298E-09
TcCLB.507513.50	heat shock 70 kDa protein, putative	0,7083	1,022E-16
TcCLB.510963.50	6-phosphofructo-2-kinase/fructose-2,6-bisphosphatas, pu	0,7083	2,497E-11
TcCLB.504605.10	retrotransposon hot spot (RHS) protein, putative (fragmer	0,7083	5,143E-07
TcCLB.509167.50	hypothetical protein	0,7082	2,568E-06
TcCLB.508881.50	hypothetical protein, conserved	0,7079	1,746E-08
TcCLB.505809.10	dispersed gene family protein 1 (DGF-1, pseudogene), put	0,7077	0,166
TcCLB.508461.500	60S ribosomal protein L27A/L29, putative	0,7076	0,00003258
TcCLB.507681.10	hypothetical protein, conserved	0,7073	0,001837
TcCLB.508221.610	elongation factor 1-gamma (EF-1-gamma), putative	0,7072	0,0876
TcCLB.511019.90	iron superoxide dismutase, putative	0,7071	1,719E-13
TcCLB.503665.15	trans-sialidase (pseudogene), putative	0,7071	7,725E-07
TcCLB.511661.50	small ubiquitin protein, putative	0,7067	0,00000859
TcCLB.506363.100	hypothetical protein, conserved	0,7065	2,793E-11
TcCLB.509505.80	hypothetical protein, conserved	0,7065	2,084E-10
TcCLB.508153.1140	hypothetical protein, conserved	0,7065	2,467E-08
TcCLB.508781.20	ATP synthase, putative	0,7061	6,427E-14
TcCLB.503879.110	hypothetical protein, conserved	0,706	1,136E-14
TcCLB.506947.110	myosin heavy chain (pseudogene), putative	0,706	7,286E-12
TcCLB.506635.70	hypothetical protein, conserved	0,7059	1,09E-13
TcCLB.511499.59	small nuclear ribonucleoprotein Sm-E, putative	0,7058	2,452E-06
TcCLB.509151.10	hypothetical protein, conserved	0,7057	4,023E-09
TcCLB.506357.199	hypothetical protein, conserved	0,7055	1,577E-15
TcCLB.503525.10	hypothetical protein, conserved	0,7055	7,295E-10
TcCLB.504797.110	hypothetical protein, conserved	0,7054	2,182E-15
TcCLB.506747.20	dihydroorotase, putative	0,7054	0,00000658
TcCLB.509023.100	catalytic subunit of the vacuolar transporter chaperone 4,	0,7048	1,745E-10
TcCLB.506559.59	ubiquitin, putative	0,7048	2,279E-08
TcCLB.508737.187	hypothetical protein, conserved	0,7045	1,665E-09
TcCLB.509875.260	hypothetical protein, conserved	0,7045	0,00001343
TcCLB.506633.80	hypothetical protein, conserved	0,7044	4,971E-12
TcCLB.504933.20	hypothetical protein	0,7042	5,488E-12
TcCLB.460127.30	amino acid permease, putative	0,7042	0,0005601
TcCLB.507991.130	hypothetical protein, conserved	0,704	8,186E-08
TcCLB.509671.120	rRNA processing protein, putative	0,7037	1,152E-08
TcCLB.506559.290	hypothetical protein, conserved	0,7036	1,127E-12
TcCLB.506411.30	proline oxidase, putative	0,7035	6,137E-08
TcCLB.510759.54	hypothetical protein	0,7035	0,00006147
TcCLB.504105.130	Flagellum surface protein 179 (FS179)	0,7033	6,579E-12



TcCLB.508265.30	hypothetical protein	0,7033	2,047E-10
TcCLB.503487.70	hypothetical protein, conserved	0,7031	3,231E-15
TcCLB.503967.10	hypothetical protein, conserved	0,7031	7,977E-08
TcCLB.508859.80	hypothetical protein, conserved	0,7031	6,83E-07
TcCLB.508409.199	hypothetical protein, conserved	0,7028	6,78E-07
TcCLB.505843.20	60S ribosomal protein L6, putative	0,702	1,379E-16
TcCLB.510167.10	phosphatidylinositol 3-kinase 2, putative	0,7018	5,93E-14
TcCLB.508439.40	hypothetical protein	0,7017	0,131
TcCLB.509331.150	permease-like protein, putative	0,7016	0,0001585
TcCLB.509693.180	hypothetical protein, conserved	0,7015	1,801E-06
TcCLB.507627.20	proton motive ATPase 1, putative	0,7014	1,825E-16
TcCLB.508421.30	tryptophanyl-tRNA synthetase (pseudogene), putative	0,7013	2,684E-21
TcCLB.504141.9	calcium-translocating P-type ATPase, putative	0,7013	4,005E-06
TcCLB.510855.40	proteasome regulatory non-ATPase subunit, putative	0,7012	8,139E-12
TcCLB.510155.90	hypothetical protein, conserved	0,7011	2,185E-19
TcCLB.508873.90	trans-sialidase (pseudogene), putative	0,7011	0,01462
TcCLB.510721.10	hypothetical protein, conserved	0,701	8,006E-17
TcCLB.510575.200	chaperone DNAJ protein, putative	0,7008	1,196E-15
TcCLB.510859.50	hypothetical protein, conserved	0,7007	4,599E-08
TcCLB.508325.340	glycine dehydrogenase [decarboxylating] (pseudogene), p	0,7006	8,486E-10
TcCLB.508713.10	hypothetical protein, conserved	0,7004	1,186E-18
TcCLB.510431.150	glycosomal transporter (GAT2), putative (GAT2)	0,7002	1,146E-22
TcCLB.507143.20	hypothetical protein, conserved	0,6999	5,833E-09
TcCLB.509161.140	hypothetical protein, conserved	0,6998	6,611E-10
TcCLB.511361.4	hypothetical protein, conserved	0,6998	0,02706
TcCLB.507709.120	hypothetical protein, conserved	0,6997	1,723E-20
TcCLB.503683.20	hypothetical protein, conserved	0,6994	5,792E-13
TcCLB.509611.189	hypothetical protein, conserved	0,6992	2,838E-14
TcCLB.433677.19	hypothetical protein, conserved	0,6992	0,0009224
TcCLB.506921.20	hypothetical protein, conserved	0,6991	4,868E-12
TcCLB.506045.19	dispersed gene family protein 1 (DGF-1), putative (fragmε	0,699	0,0001254
TcCLB.507089.110	hypothetical protein, conserved	0,6989	2,427E-09
TcCLB.511737.70	hypothetical protein, conserved	0,6985	2,771E-06
TcCLB.506171.35	ATP-dependent DEAD/H RNA helicase (pseudogene), puta	0,6982	0,02497
TcCLB.510105.200	hypothetical protein, conserved	0,6975	4,199E-21
TcCLB.503733.70	phosphoacetylglucosamine mutase, putative	0,6971	4,568E-07
TcCLB.504797.34	N-acetyltransferase, putative	0,697	4,892E-17
TcCLB.503431.50	hypothetical protein, conserved	0,6959	0,00001449
TcCLB.509879.20	hypothetical protein, conserved	0,6958	2,936E-07
TcCLB.507275.24	ubiquitin fold modifier protein, putative (UFM1)	0,6958	6,189E-06
TcCLB.506717.140	retrotransposon hot spot protein (RHS, pseudogene), puta	0,6958	0,008506
TcCLB.510857.40	RNA-editing complex protein, putative	0,6957	1,995E-12
TcCLB.507615.40	hypothetical protein, conserved	0,6954	4,872E-16
TcCLB.507491.30	hypothetical protein, conserved	0,6954	2,905E-09
TcCLB.510201.50	dispersed gene family protein 1 (DGF-1), putative	0,6952	0,000112

TcCLB.504147.80	metallo-peptidase, Clan MA(E) Family M3	0,6949	5,985E-22
TcCLB.510101.190	hypothetical protein, conserved	0,6949	2,384E-09
TcCLB.508707.280	hypothetical protein, conserved	0,6948	0,00000343
TcCLB.510339.60	hypothetical protein, conserved	0,6947	2,156E-07
TcCLB.508817.119	hypothetical protein, conserved	0,6947	2,511E-07
TcCLB.511185.130	dispersed gene family protein 1 (DGF-1), putative	0,6947	0,03393
TcCLB.509767.120	hypothetical protein, conserved	0,6946	2,232E-10
TcCLB.510719.210	hypothetical protein, conserved	0,6946	4,349E-08
TcCLB.510729.100	hypothetical protein, conserved	0,6945	2,749E-13
TcCLB.453445.20	ubiquitin-conjugating enzyme E2, putative	0,6945	1,828E-09
TcCLB.510719.20	short-chain dehydrogenase, putative	0,6945	5,236E-09
TcCLB.510423.50	hypothetical protein, conserved	0,6944	4,366E-12
TcCLB.508567.20	hypothetical protein, conserved	0,694	3,497E-06
TcCLB.510241.60	nascent polypeptide associated complex subunit, putative	0,6935	5,888E-24
TcCLB.507997.80	hypothetical protein, conserved	0,6935	0,0007682
TcCLB.506441.20	hypothetical protein, conserved	0,6931	4,173E-11
TcCLB.511825.210	dephospho-CoA kinase, putative	0,6929	5,821E-09
TcCLB.503447.40	retrotransposon hot spot (RHS) protein, putative	0,6926	0,00008106
TcCLB.507999.10	dispersed gene family protein 1 (DGF-1), putative	0,6925	1,564E-08
TcCLB.511459.60	hypothetical protein, conserved	0,6925	0,00002735
TcCLB.507011.10	hypothetical protein, conserved	0,6924	1,759E-10
TcCLB.509741.20	hypothetical protein, conserved	0,6922	5,012E-07
TcCLB.506195.170	hypothetical protein, conserved	0,6919	8,293E-13
TcCLB.504421.10	serine/threonine protein kinase, putative	0,6917	4,891E-24
TcCLB.507317.40	hypothetical protein, conserved	0,6917	1,104E-09
TcCLB.504469.20	hypothetical protein (fragment)	0,6915	0,00154
TcCLB.511293.60	kinesin, putative	0,6914	2,856E-12
TcCLB.509235.20	C-5 sterol desaturase, putative	0,6914	1,733E-08
TcCLB.508545.20	hypothetical protein, conserved	0,6914	0,0002896
TcCLB.511573.10	leucine-rich repeat protein, putative	0,6913	0,00007209
TcCLB.420533.9	dihydrofolate reductase-thymidylate synthase, putative (f	0,6911	0,00003258
TcCLB.508461.260	Bem46-like serine peptidase, putative	0,6908	5,64E-11
TcCLB.506691.70	hypothetical protein, conserved	0,6908	6,173E-10
TcCLB.511577.140	hypothetical protein, conserved	0,6906	4,839E-07
TcCLB.511395.14	hypothetical protein, conserved	0,6906	0,00006839
TcCLB.503491.29	surface protease GP63 (pseudogene), putative	0,6905	0,153
TcCLB.507063.290	hypothetical protein	0,6904	2,78E-10
TcCLB.508461.50	hypothetical protein	0,6903	2,133E-06
TcCLB.509341.10	hypothetical protein, conserved	0,6901	5,768E-13
TcCLB.508865.30	immunodominant antigen, putative	0,6898	3,635E-24
TcCLB.507063.280	hypothetical protein	0,6898	4,123E-15
TcCLB.508851.189	phosphoenolpyruvate mutase, putative	0,6896	4,683E-13
TcCLB.510743.80	hypothetical protein, conserved	0,6895	2,243E-09
TcCLB.506755.279	hypothetical protein, conserved	0,6895	3,632E-09
TcCLB.507807.30	hypothetical protein	0,6891	0,0029

TcCLB.509805.230	hypothetical protein, conserved	0,6886	0,00001074
TcCLB.509537.40	hypothetical protein, conserved	0,6885	4,878E-12
TcCLB.508461.410	T-complex protein 1, eta subunit, putative	0,6884	7,613E-27
TcCLB.511815.10	hypothetical protein	0,6881	5,854E-16
TcCLB.508053.5	hypothetical protein, conserved (fragment)	0,6881	0,0264
TcCLB.511309.40	hydrolase-like protein, putative	0,6877	0,00004298
TcCLB.508241.130	hypothetical protein, conserved	0,6875	3,299E-15
TcCLB.509715.40	fibrillarin, putative	0,6875	1,492E-09
TcCLB.508321.50	hypothetical protein, conserved	0,6871	2,837E-15
TcCLB.506943.160	eukaryotic translation initiation factor 3 subunit 7-like pro	0,687	1,129E-21
TcCLB.511287.30	60S ribosomal protein L17, putative	0,687	1,909E-20
TcCLB.506211.160	Mitochondrial ADP/ATP carrier protein 5, putative (MCP5)	0,6869	2,881E-08
TcCLB.508267.50	hypothetical protein, conserved	0,6867	3,113E-10
TcCLB.508851.180	14-3-3 protein 1, putative (14-3-3-I)	0,6866	3,565E-18
TcCLB.503655.20	dispersed gene family protein 1 (DGF-1), putative	0,6864	1,749E-06
TcCLB.506577.150	hypothetical protein, conserved	0,6856	1,947E-18
TcCLB.511907.310	hypothetical protein, conserved	0,6856	1,97E-15
TcCLB.506257.80	hypothetical protein, conserved	0,6856	4,617E-08
TcCLB.506315.10	hypothetical protein	0,6855	2,192E-06
TcCLB.507951.170	ADP-ribosylation factor-like protein 3, putative (arl3)	0,6853	1,142E-08
TcCLB.510065.40	hypothetical protein, conserved	0,6852	9,264E-18
TcCLB.509777.70	Calcium ATPase SERCA-like	0,6851	4,167E-22
TcCLB.506513.160	protein kinase, putative	0,6849	2,574E-11
TcCLB.510349.60	hypothetical protein, conserved	0,6849	0,0001862
TcCLB.506605.200	hypothetical protein, conserved	0,6847	8,996E-08
TcCLB.511145.43	proteasome subunit alpha type-5, putative	0,6846	5,334E-08
TcCLB.509727.20	retrotransposon hot spot protein (RHS, pseudogene), puta	0,6846	0,08207
TcCLB.510643.130	damage-specific DNA binding protein, putative	0,6839	1,122E-16
TcCLB.511071.190	hypothetical protein, conserved	0,6836	7,567E-11
TcCLB.506839.80	phosphoribosylpyrophosphate synthetase, putative	0,6835	4,263E-18
TcCLB.506941.220	Present in the outer mitochondrial membrane proteome 3	0,6835	2,061E-06
TcCLB.511771.75	hypothetical protein	0,6832	0,0007598
TcCLB.508813.60	Present in the outer mitochondrial membrane proteome 1	0,6831	5,816E-18
TcCLB.510759.10	hypothetical protein, conserved	0,6831	3,404E-10
TcCLB.508831.250	dispersed gene family protein 1 (DGF-1), putative	0,683	0,0003226
TcCLB.508479.250	membrane-bound acid phosphatase 2, putative	0,6828	5,496E-14
TcCLB.418185.43	ATP-dependent DEAD/H RNA helicase (pseudogene), puta	0,6827	0,001221
TcCLB.508143.50	trans-sialidase (pseudogene), putative	0,6825	8,559E-07
TcCLB.506959.94	hypothetical protein, conserved	0,682	9,543E-08
TcCLB.511539.9	hypothetical protein, conserved	0,6819	2,456E-10
TcCLB.511021.70	ABC transporter of the mitochondrion, putative	0,6819	1,373E-08
TcCLB.511311.14	retrotransposon hot spot protein (RHS, pseudogene), puta	0,6819	2,769E-08
TcCLB.508207.110	60S ribosomal protein L7, putative	0,6818	5,06E-24
TcCLB.506511.40	hypothetical protein, conserved	0,6818	2,76E-08
TcCLB.510355.220	GDP-mannose transporter, putative	0,6818	0,0001291

TcCLB.511421.50	transmembrane protein, putative	0,6817	1,267E-12
TcCLB.508989.50	hypothetical protein, conserved	0,6816	1,49E-10
TcCLB.509887.10	hypothetical protein	0,6815	0,00006738
TcCLB.509795.60	tRNA pseudouridine synthase TruD, putative	0,6811	1,056E-10
TcCLB.506407.60	hypothetical protein, conserved	0,6811	2,454E-06
TcCLB.509831.40	hypothetical protein, conserved	0,681	5,537E-07
TcCLB.510741.80	riboflavin kinase, putative	0,6809	0,00002019
TcCLB.507485.110	hypothetical protein, conserved	0,6807	5,985E-13
TcCLB.506247.290	hypothetical protein, conserved	0,6806	1,183E-16
TcCLB.511825.170	serine/threonine protein phosphatase, putative	0,6805	4,24E-08
TcCLB.505937.80	retrotransposon hot spot protein (RHS, pseudogene), puta	0,6803	0,000144
TcCLB.504407.10	dispersed gene family protein 1 (DGF-1, pseudogene), put	0,6803	0,01839
TcCLB.506679.270	hypothetical protein, conserved	0,6802	8,337E-13
TcCLB.508625.130	stress-inducible protein STI1-like, putative	0,68	0,00008975
TcCLB.504103.20	hypothetical protein, conserved	0,6799	2,024E-16
TcCLB.511731.74	hypothetical protein, conserved	0,6798	2,836E-07
TcCLB.509065.120	hypothetical protein	0,6798	6,909E-06
TcCLB.511743.10	hypothetical protein, conserved	0,6797	1,969E-06
TcCLB.511751.191	hypothetical protein (pseudogene)	0,6794	3,855E-06
TcCLB.510579.70	nascent polypeptide associated complex subunit, putative	0,6788	1,497E-17
TcCLB.510181.100	acid phosphatase, putative (AP)	0,6788	0,0002056
TcCLB.510355.260	hypothetical protein, conserved	0,6785	0,0009949
TcCLB.507049.50	ABC transporter, putative	0,6784	9,229E-08
TcCLB.511545.160	hypothetical protein, conserved	0,6783	2,214E-07
TcCLB.504003.50	hypothetical protein, conserved	0,6783	0,00001689
TcCLB.509915.20	dispersed gene family protein 1 (DGF-1), putative	0,678	0,0003071
TcCLB.511821.40	hypothetical protein, conserved	0,6774	2,875E-06
TcCLB.506337.150	hypothetical protein, conserved	0,6773	1,694E-07
TcCLB.506659.20	mitochondrial DNA polymerase I protein C, putative	0,677	2,343E-19
TcCLB.508827.90	hypothetical protein, conserved	0,6769	2,727E-07
TcCLB.509395.20	phosphatidylinositol kinase related protein, putative	0,6767	1,245E-14
TcCLB.508559.29	dispersed gene family protein 1 (DGF-1), putative	0,6767	0,00001005
TcCLB.507881.10	retrotransposon hot spot protein (RHS, pseudogene), puta	0,6766	6,123E-07
TcCLB.506401.160	hypothetical protein, conserved	0,6766	0,00003502
TcCLB.504131.100	DnaJ chaperone protein, putative	0,6763	5,126E-14
TcCLB.510721.21	hypothetical protein	0,6756	0,06117
TcCLB.510519.14	hypothetical protein, conserved	0,6754	0,00003395
TcCLB.507663.60	hypothetical protein, conserved	0,6753	1,814E-08
TcCLB.510099.60	hypothetical protein	0,6752	8,621E-12
TcCLB.506635.90	ubiquitin-protein ligase, putative	0,675	2,125E-06
TcCLB.503945.20	hypothetical protein, conserved	0,675	0,0006376
TcCLB.504013.40	serine acetyltransferase, putative (SAT)	0,6748	1,898E-09
TcCLB.510257.130	protein kinase, putative	0,6745	7,102E-14
TcCLB.509915.60	retrotransposon hot spot (RHS) protein, putative	0,6742	4,084E-06
TcCLB.507053.20	hypothetical protein, conserved	0,674	1,361E-10

TcCLB.508851.150	hypothetical protein, conserved	0,674	1,114E-07
TcCLB.506773.20	hypothetical protein, conserved	0,6739	1,053E-12
TcCLB.507049.90	hypothetical protein, conserved	0,6737	1,14E-07
TcCLB.506297.330	40S ribosomal protein S15A, putative	0,6734	2,755E-19
TcCLB.449247.10	hypothetical protein, conserved	0,6734	0,00000374
TcCLB.507179.7	trans-sialidase (pseudogene), putative	0,6732	3,163E-06
TcCLB.504111.20	metallo- peptidase, Clan MG, Family M24	0,673	7,484E-11
TcCLB.507233.70	trans-sialidase (pseudogene), putative	0,673	2,027E-10
TcCLB.503851.54	proteasome 26S non-ATPase subunit 9, putative	0,673	0,01606
TcCLB.511181.20	hypothetical protein, conserved	0,6729	1,282E-08
TcCLB.508119.150	hypothetical protein, conserved	0,6729	1,921E-06
TcCLB.503439.80	glycine dehydrogenase [decarboxylating] (pseudogene), p	0,6729	0,00005517
TcCLB.511125.9	dispersed gene family protein 1 (DGF-1), putative	0,6724	0,005712
TcCLB.507009.60	hypothetical protein, conserved	0,6723	1,235E-13
TcCLB.504103.90	hypothetical protein, conserved	0,6723	6,639E-07
TcCLB.508987.20	hypothetical protein, conserved	0,6722	1,961E-12
TcCLB.506147.120	hypothetical protein, conserved	0,672	1,166E-07
TcCLB.506389.60	hypothetical protein, conserved	0,6718	1,366E-08
TcCLB.510691.95	hypothetical protein, conserved (fragment)	0,6718	1,727E-06
TcCLB.503635.68	40S ribosomal protein S3A, putative	0,6717	4,293E-15
TcCLB.506737.10	hypothetical protein, conserved	0,6717	1,563E-11
TcCLB.504433.10	ADP-ribosylation factor-like protein 3, putative (arl3)	0,6716	9,741E-08
TcCLB.503689.4	Ras-related protein RabX1, putative (RABX1)	0,6715	7,325E-07
TcCLB.511071.140	2-amino-3-ketobutyrate coenzyme A ligase, putative	0,6711	1,022E-06
TcCLB.510121.70	hypothetical protein, conserved	0,671	5,101E-11
TcCLB.505789.10	hypothetical protein, conserved	0,6706	3,286E-06
TcCLB.506587.70	hypothetical protein, conserved	0,6704	2,951E-11
TcCLB.503973.40	dispersed gene family protein 1 (DGF-1), putative	0,6703	0,008409
TcCLB.508741.330	hypothetical protein, conserved	0,6702	4,604E-09
TcCLB.503905.30	hypothetical protein, conserved	0,6699	1,799E-08
TcCLB.510609.30	GTPase, putative	0,6696	1,167E-08
TcCLB.511895.69	C-5 sterol desaturase, putative	0,6694	0,0002724
TcCLB.505647.30	hypothetical protein, conserved	0,6693	1,044E-10
TcCLB.511767.20	dispersed gene family protein 1 (DGF-1), putative	0,669	0,00005712
TcCLB.509717.50	hypothetical protein, conserved	0,6686	9,618E-18
TcCLB.506015.30	mucin-associated surface protein (MASP, pseudogene), p	0,6686	0,00001634
TcCLB.511577.188	hypothetical protein, conserved	0,6685	1,222E-06
TcCLB.509961.51	tryptophanyl-tRNA synthetase (pseudogene), putative	0,6685	0,004818
TcCLB.505123.20	hypothetical protein, conserved	0,6684	0,01704
TcCLB.510029.70	40S ribosomal protein S13, putative	0,6682	1,072E-14
TcCLB.510671.20	tryptophanyl-tRNA synthetase, putative	0,6681	4,487E-20
TcCLB.509867.50	hypothetical protein, conserved (pseudogene)	0,6681	0,01941
TcCLB.510359.210	hypothetical protein, conserved	0,6679	1,661E-09
TcCLB.507615.73	hypothetical protein, conserved	0,6677	4,589E-11
TcCLB.511039.10	kinetoplast DNA-associated protein, putative	0,6677	7,497E-10

TcCLB.508959.4	cytochrome c, putative	0,6677	1,477E-08
TcCLB.509167.20	3-hydroxy-3-methylglutaryl-CoA reductase, putative	0,6671	1,492E-13
TcCLB.511731.35	hypothetical protein, conserved	0,6671	1,141E-06
TcCLB.504425.90	aldose 1-epimerase-like protein, putative	0,667	0,0001144
TcCLB.510073.40	hypothetical protein, conserved	0,667	0,001623
TcCLB.508589.60	hypothetical protein, conserved (pseudogene)	0,6666	0,00002775
TcCLB.511649.94	hypothetical protein, conserved	0,6664	3,743E-08
TcCLB.510519.60	calcineurin B subunit, putative (CNB)	0,6663	7,128E-07
TcCLB.506753.240	hypothetical protein, conserved	0,6663	0,00004369
TcCLB.511585.90	hypothetical protein, conserved	0,6662	3,827E-12
TcCLB.509171.90	splicing factor 3a, putative	0,6661	2,545E-10
TcCLB.504149.110	GTP-binding protein, putative	0,6661	2,893E-10
TcCLB.507017.64	hypothetical protein, conserved	0,6659	0,00002459
TcCLB.508723.110	hypothetical protein	0,6658	4,652E-12
TcCLB.509429.329	cruzipain precursor, putative (fragment)	0,6657	8,038E-25
TcCLB.510973.30	40S ribosomal protein S13, putative	0,6657	1,845E-22
TcCLB.431889.10	hypothetical protein, conserved (fragment)	0,6655	0,05153
TcCLB.508649.14	hypothetical protein, conserved	0,6653	1,97E-10
TcCLB.506211.130	hypothetical protein, conserved	0,6653	6,037E-09
TcCLB.511289.100	hypothetical protein, conserved	0,6652	1,576E-13
TcCLB.505171.44	hypothetical protein, conserved	0,6644	0,0004354
TcCLB.511649.14	hypothetical protein, conserved (fragment)	0,6641	5,243E-06
TcCLB.507883.40	hypothetical protein, conserved	0,6632	1,175E-06
TcCLB.509321.19	GTP-binding protein, putative	0,6631	1,001E-07
TcCLB.506163.70	hypothetical protein, conserved	0,663	9,489E-09
TcCLB.503965.30	hypothetical protein, conserved	0,663	1,263E-06
TcCLB.508813.80	hypothetical protein, conserved	0,6625	9,635E-11
TcCLB.506129.80	retrotransposon hot spot protein (RHS, pseudogene), puta	0,6622	6,851E-07
TcCLB.509471.86	histone H3, putative	0,6621	2,14E-17
TcCLB.509625.30	hypothetical protein, conserved	0,662	0,0000043
TcCLB.509611.60	hypothetical protein	0,662	0,0002381
TcCLB.511303.110	hypothetical protein, conserved	0,6619	6,667E-09
TcCLB.507245.10	retrotransposon hot spot protein (RHS, pseudogene), puta	0,6617	8,651E-08
TcCLB.511309.30	hydrolase, alpha/beta fold family, putative	0,6617	8,534E-07
TcCLB.508145.40	hypothetical protein, conserved	0,6617	0,00003339
TcCLB.508593.110	arginine N-methyltransferase, putative	0,6613	1,864E-08
TcCLB.509589.40	hypothetical protein, conserved	0,6611	9,676E-18
TcCLB.506621.14	ubiquitin ligase, putative	0,6608	2,657E-07
TcCLB.511865.50	hypothetical protein, conserved	0,6605	0,00002013
TcCLB.511613.90	mucin-associated surface protein (MASP), putative	0,6604	0,01086
TcCLB.507021.70	hypothetical protein, conserved	0,6603	3,348E-09
TcCLB.510357.50	hypothetical protein, conserved	0,6603	7,898E-07
TcCLB.503729.19	hypothetical protein (fragment)	0,6602	4,215E-07
TcCLB.503987.39	hypothetical protein, conserved	0,6601	0,00006878
TcCLB.508779.80	hypothetical protein, conserved	0,66	3,574E-10

TcCLB.507007.77	hypothetical protein, conserved	0,66	0,002647
TcCLB.507531.10	hypothetical protein, conserved (pseudogene)	0,6598	8,939E-17
TcCLB.506363.10	hypothetical protein	0,6598	0,0002151
TcCLB.508967.20	dispersed gene family protein 1 (DGF-1), putative	0,6597	0,0182
TcCLB.506529.100	hypothetical protein, conserved	0,6595	6,002E-11
TcCLB.468941.9	ATP-dependent DEAD/H RNA helicase, putative (fragment	0,6595	8,357E-11
TcCLB.506363.110	RNA editing ligase, putative	0,6594	1,322E-09
TcCLB.508373.20	dihydroorotase, putative	0,6593	3,629E-09
TcCLB.504827.120	hypothetical protein, conserved	0,6591	7,686E-08
TcCLB.511011.30	hypothetical protein, conserved (pseudogene)	0,6591	0,0001071
TcCLB.509785.120	hypothetical protein, conserved (pseudogene)	0,6582	0,04761
TcCLB.509769.140	hypothetical protein, conserved	0,6581	3,254E-07
TcCLB.511561.11	hypothetical protein, conserved (pseudogene)	0,6581	0,00001081
TcCLB.506435.260	hypothetical protein	0,658	2,678E-08
TcCLB.510719.100	hypothetical protein, conserved	0,6578	0,000204
TcCLB.511003.60	3-ketoacyl-CoA thiolase, putative (ACAT)	0,6576	1,123E-09
TcCLB.508611.30	surface protease GP63, putative	0,6576	3,38E-07
TcCLB.506417.70	hypothetical protein	0,6576	3,273E-06
TcCLB.511819.20	hypothetical protein, conserved	0,6573	5,116E-13
TcCLB.503843.10	hypothetical protein, conserved	0,6571	1,432E-08
TcCLB.436083.9	hypothetical protein, conserved	0,6569	3,714E-07
TcCLB.506401.200	hypothetical protein, conserved	0,6568	1,141E-06
TcCLB.508173.264	hypothetical protein, conserved	0,6567	6,683E-16
TcCLB.506779.50	proteasome beta 3 subunit, putative	0,6566	1,629E-11
TcCLB.511395.20	phosphatidylglycerolphosphate synthase, mitochondrial, p	0,6565	2,72E-09
TcCLB.508539.20	hypothetical protein, conserved	0,6561	0,0003124
TcCLB.509693.60	hypothetical protein, conserved	0,656	0,00001824
TcCLB.429257.20	cytochrome b5-dependent oleate desaturase	0,6559	3,408E-11
TcCLB.508705.10	retrotransposon hot spot protein (RHS, pseudogene), puta	0,6558	1,853E-08
TcCLB.506271.20	N-acetyltransferase complex ARD1 subunit (pseudogene),	0,6558	0,1091
TcCLB.507817.18	histone H3, putative	0,6557	8,675E-06
TcCLB.504233.4	trifunctional enzyme alpha subunit, mitochondrial precurs	0,6555	0,0505
TcCLB.506249.70	ABC transporter, putative	0,6553	6,416E-11
TcCLB.511421.110	developmentally regulated phosphoprotein, putative	0,6552	4,105E-11
TcCLB.510659.180	hypothetical protein, conserved	0,6547	2,243E-09
TcCLB.510543.10	retrotransposon hot spot protein (RHS, pseudogene), puta	0,6546	3,206E-06
TcCLB.506359.60	UTP-glucose-1-phosphate uridylyltransferase 2, putative	0,6544	0,00001768
TcCLB.506481.20	hypothetical protein, conserved	0,6543	1,52E-21
TcCLB.510755.80	hypothetical protein, conserved	0,6541	1,241E-07
TcCLB.507615.100	Present in the outer mitochondrial membrane proteome 2	0,6539	3,974E-14
TcCLB.510819.4	NADH-cytochrome b5 reductase, putative	0,6539	9,329E-07
TcCLB.509207.140	hypothetical protein, conserved	0,6537	1,679E-11
TcCLB.510685.10	calreticulin, putative	0,6536	3,367E-17
TcCLB.511827.10	hypothetical protein, conserved	0,6536	0,005418
TcCLB.509965.140	hypothetical protein, conserved	0,6535	5,901E-08

TcCLB.510313.20	hypothetical protein, conserved	0,6534	6,273E-12
TcCLB.509149.80	hypothetical protein, conserved	0,6533	2,123E-09
TcCLB.511179.110	hypothetical protein, conserved	0,6532	1,426E-10
TcCLB.510311.140	arginine N-methyltransferase, putative	0,6531	4,219E-11
TcCLB.511277.260	hypothetical protein, conserved	0,6531	3,76E-07
TcCLB.507053.50	hypothetical protein, conserved	0,6528	1,232E-09
TcCLB.511001.9	40S ribosomal protein S3A, putative	0,6528	1,015E-06
TcCLB.510105.90	hypothetical protein, conserved	0,6524	2,188E-09
TcCLB.508139.140	dispersed gene family protein 1 (DGF-1), putative	0,6523	0,00001016
TcCLB.509831.30	hypothetical protein, conserved	0,6522	1,017E-10
TcCLB.505317.20	hypothetical protein	0,6521	3,813E-07
TcCLB.510359.80	hypothetical protein	0,6521	0,0007195
TcCLB.508479.180	hypothetical protein, conserved	0,6515	5,063E-15
TcCLB.504141.20	hypothetical protein, conserved	0,651	6,264E-09
TcCLB.509053.160	hypothetical protein, conserved	0,651	1,491E-07
TcCLB.504159.40	aquaporin-like protein, putative	0,6509	7,586E-08
TcCLB.509719.28	hypothetical protein, conserved	0,6508	0,001778
TcCLB.506595.60	beta galactofuranosyl glycosyltransferase (pseudogene), f	0,6505	4,031E-07
TcCLB.509053.179	RNA-binding protein, putative (fragment)	0,6504	1,273E-06
TcCLB.503431.10	caltractin, putative	0,6504	0,003436
TcCLB.507835.60	retrotransposon hot spot protein (RHS, pseudogene), puta	0,6501	7,809E-06
TcCLB.508865.20	mitochondrial DNA polymerase I protein C, putative	0,65	8,535E-18
TcCLB.511729.40	60S ribosomal protein L9, putative	0,65	1,857E-06
TcCLB.510003.20	hypothetical protein, conserved	0,6499	7,421E-18
TcCLB.510089.110	mitochondrial RNA binding complex 1 subunit, putative	0,6499	7,666E-08
TcCLB.421057.10	adrenodoxin precursor, putative	0,6499	0,0001548
TcCLB.507517.40	hypothetical protein, conserved	0,6498	2,34E-13
TcCLB.508647.290	DNA repair and recombination protein RAD54, putative	0,6497	3,973E-15
TcCLB.508355.150	proteasome regulatory non-ATPase subunit 3, putative	0,6495	4,647E-19
TcCLB.510657.150	hypothetical protein	0,6495	1,722E-08
TcCLB.511305.10	5'-3' exoribonuclease B, putative	0,6494	5,301E-08
TcCLB.509815.70	retrotransposon hot spot protein (RHS, pseudogene), puta	0,6493	4,33E-07
TcCLB.508241.104	hypothetical protein, conserved	0,6492	9,355E-14
TcCLB.510003.9	hypothetical protein, conserved	0,6491	1,622E-08
TcCLB.508055.20	retrotransposon hot spot protein (RHS, pseudogene), puta	0,6489	0,0002458
TcCLB.507611.199	dispersed gene family protein 1 (DGF-1), putative	0,6489	0,002239
TcCLB.506657.70	RNA editing 3' terminal uridylyl transferase 1, putative	0,6486	2,764E-18
TcCLB.511759.20	trans-sialidase (pseudogene), putative	0,6486	1,655E-07
TcCLB.510323.4	katanin, putative	0,6485	9,107E-10
TcCLB.507611.370	protein disulfide isomerase 2 (PDI2)	0,6483	3,414E-23
TcCLB.509571.79	Ras-related protein RabX1, putative (RABX1)	0,6483	1,917E-07
TcCLB.506975.80	trans-sialidase, Group I, putative	0,6483	0,0000331
TcCLB.511367.60	la RNA binding protein, putative	0,6482	1,197E-13
TcCLB.509109.140	hypothetical protein, conserved	0,6482	2,445E-08
TcCLB.509715.150	hypothetical protein	0,6482	0,0001489



TcCLB.508299.70	peroxisome targeting signal 1 receptor, putative (PEX5)	0,6481	1,347E-10
TcCLB.504037.10	hypothetical protein, conserved	0,6481	1,688E-06
TcCLB.506559.170	8-oxoguanine DNA glycosylase, putative	0,6478	2,822E-12
TcCLB.510737.30	mitochondrial carrier protein, putative	0,6478	3,289E-07
TcCLB.508637.120	hypothetical protein, conserved	0,6477	8,06E-08
TcCLB.510463.190	retrotransposon hot spot (RHS) protein, putative	0,6476	0,0001573
TcCLB.507831.10	hypothetical protein	0,6473	0,002245
TcCLB.427355.10	oligosaccharyl transferase subunit, putative (fragment)	0,6471	6,073E-07
TcCLB.511275.10	hypothetical protein, conserved (pseudogene)	0,647	1,114E-15
TcCLB.511643.10	hypothetical protein, conserved	0,647	3,62E-07
TcCLB.509611.50	hypothetical protein, conserved	0,647	0,00000305
TcCLB.506739.200	protein phosphatase 2C, putative	0,6469	3,144E-17
TcCLB.508035.10	dispersed gene family protein 1 (DGF-1, pseudogene), putative	0,6468	0,05914
TcCLB.508577.100	pumilio/PUF RNA binding protein 5, putative (PUF5)	0,6466	1,341E-06
TcCLB.408799.19	isopentenyl-diphosphate delta-isomerase (fragment) (idi1)	0,6465	0,00004702
TcCLB.507063.70	trans-sialidase, Group II, putative	0,6464	1,541E-07
TcCLB.503557.30	hypothetical protein, conserved	0,6462	6,469E-07
TcCLB.510293.60	hypothetical protein, conserved	0,6459	9,549E-06
TcCLB.504445.20	retrotransposon hot spot protein (RHS, pseudogene), putative	0,6458	3,671E-06
TcCLB.507547.30	Mitochondrial-processing peptidase subunit alpha (MPPA)	0,6455	1,609E-13
TcCLB.503605.10	retrotransposon hot spot protein (RHS, pseudogene), putative	0,6455	3,352E-12
TcCLB.505121.9	dispersed gene family protein 1 (DGF-1), putative (fragment)	0,6454	0,0004048
TcCLB.511237.110	cyclophilin, putative	0,6453	2,839E-08
TcCLB.507787.170	retrotransposon hot spot protein (RHS, pseudogene), putative	0,6452	1,331E-12
TcCLB.511135.10	hypothetical protein, conserved (pseudogene)	0,645	1,83E-07
TcCLB.510781.10	dispersed gene family protein 1 (DGF-1, pseudogene), putative	0,645	0,0006914
TcCLB.506489.30	hypothetical protein, conserved	0,6449	4,807E-11
TcCLB.504133.15	hypothetical protein, conserved (fragment)	0,6449	0,001241
TcCLB.508569.100	hypothetical protein, conserved	0,6448	1,307E-06
TcCLB.505807.10	cyclophilin, putative	0,6447	8,424E-06
TcCLB.506689.10	trans-sialidase (pseudogene), putative	0,6443	0,01165
TcCLB.506853.40	hypothetical protein, conserved	0,6442	8,402E-07
TcCLB.511711.40	hypothetical protein, conserved	0,6442	6,307E-06
TcCLB.507625.183	SNARE domain-containing protein, putative (SNARE2.1)	0,6438	0,00001629
TcCLB.506425.130	hypothetical protein, conserved	0,6437	1,031E-07
TcCLB.509147.50	mucin TcSMUGL, putative	0,6436	4,82E-08
TcCLB.503707.9	dispersed gene family protein 1 (DGF-1, pseudogene), putative	0,6436	0,0003421
TcCLB.510995.9	dispersed gene family protein 1 (DGF-1), putative	0,6436	0,007777
TcCLB.508999.220	calpain cysteine peptidase, putative	0,6432	0,00000607
TcCLB.511825.60	aquaporin, putative	0,6431	8,068E-10
TcCLB.509213.50	hypothetical protein, conserved	0,6431	3,507E-06
TcCLB.507921.9	dispersed gene family protein 1 (DGF-1), putative	0,643	0,0004992
TcCLB.401469.20	pumilio/PUF RNA binding protein 7, putative (PUF7)	0,6429	2,955E-06
TcCLB.508307.134	hypothetical protein, conserved	0,6429	0,00001222
TcCLB.510345.40	hypothetical protein, conserved	0,6425	1,633E-07

TcCLB.506193.10	hypothetical protein, conserved	0,6422	9,476E-13
TcCLB.509109.160	hypothetical protein, conserved	0,6422	0,0005862
TcCLB.507203.9	dispersed gene family protein 1 (DGF-1), putative	0,6421	0,02554
TcCLB.508285.30	ATP-dependent DEAD/H RNA helicase (pseudogene), puta	0,6419	0,1428
TcCLB.510181.9	inositol-3-phosphate synthase, putative (fragment)	0,6418	1,159E-06
TcCLB.504431.50	hypothetical protein, conserved	0,6417	1,372E-10
TcCLB.410923.40	trans-sialidase (pseudogene), putative	0,6415	7,666E-07
TcCLB.509777.140	hypothetical protein, conserved	0,6415	1,377E-06
TcCLB.509965.180	RNA-binding protein, putative	0,6412	1,314E-10
TcCLB.510037.5	elongation factor 1-gamma (EF-1-gamma), putative	0,6412	0,00004813
TcCLB.509319.40	hypothetical protein, conserved	0,6409	1,014E-07
TcCLB.505939.70	hypothetical protein, conserved	0,6407	1,83E-09
TcCLB.510749.10	hypothetical protein, conserved	0,6405	1,807E-09
TcCLB.509995.10	60S ribosomal protein L4, putative	0,6404	5,66E-16
TcCLB.509805.160	hypothetical protein, conserved	0,6404	1,36E-10
TcCLB.503809.110	phosphatidic acid phosphatase protein, putative	0,6403	6,189E-10
TcCLB.507559.30	hypothetical protein, conserved	0,6403	1,611E-09
TcCLB.506813.160	dispersed gene family protein 1 (DGF-1, pseudogene), put	0,6403	0,006484
TcCLB.510519.40	protein kinase, putative	0,6402	4,025E-09
TcCLB.510359.360	hypothetical protein, conserved	0,6398	2,077E-07
TcCLB.506605.210	leucine-rich repeat protein (LRRP), putative	0,6397	4,201E-12
TcCLB.505071.130	hypothetical protein, conserved	0,6396	6,881E-09
TcCLB.506155.20	hypothetical protein, conserved	0,6395	1,943E-10
TcCLB.508953.19	hypothetical protein, conserved	0,6395	1,626E-08
TcCLB.508641.110	hypothetical protein, conserved	0,6392	8,944E-06
TcCLB.504017.54	hypothetical protein, conserved	0,639	1,558E-09
TcCLB.511887.50	hypothetical protein, conserved	0,639	0,01433
TcCLB.508747.40	mucin TcMUCII, putative	0,6389	0,002884
TcCLB.503635.59	40S ribosomal protein S3A, putative	0,6382	6,673E-14
TcCLB.510431.80	hypothetical protein, conserved	0,6381	5,878E-14
TcCLB.506727.100	enoyl-CoA hydratase/isomerase family protein, putative	0,6377	2,634E-09
TcCLB.508917.10	protein kinase, putative	0,6377	1,03E-08
TcCLB.510421.60	hypothetical protein, conserved	0,6374	5,033E-09
TcCLB.507585.10	amino acid transporter, putative	0,637	5,82E-24
TcCLB.509099.80	hypothetical protein, conserved	0,637	1,248E-16
TcCLB.510285.110	hypothetical protein, conserved	0,637	1,297E-07
TcCLB.504099.15	hypothetical protein	0,637	0,03637
TcCLB.511211.220	heat shock protein 70, putative	0,6366	5,905E-10
TcCLB.508153.920	choline/ethanolamine phosphotransferase, putative	0,6366	4,769E-09
TcCLB.506559.210	hypothetical protein, conserved	0,6363	2,688E-08
TcCLB.507875.40	trans-sialidase (pseudogene), putative	0,6363	0,00001441
TcCLB.506163.40	vacuolar type h ATPase subunit, putative	0,6363	0,05232
TcCLB.510039.60	hypothetical protein, conserved	0,6362	5,726E-14
TcCLB.508737.80	mannosyltransferase-like protein, putative	0,636	3,533E-09
TcCLB.509055.10	RNA-binding protein, putative	0,636	0,00001154

TcCLB.511301.50	hypothetical protein, conserved	0,6358	1,475E-12
TcCLB.507583.30	hypothetical protein	0,6358	5,705E-06
TcCLB.508153.730	eukaryotic initiation factor 2a, putative	0,6355	3,585E-16
TcCLB.509087.10	retrotransposon hot spot protein (RHS, pseudogene), puta	0,6355	0,005789
TcCLB.507803.30	hypothetical protein	0,6354	8,633E-10
TcCLB.506859.10	ubiquitin-conjugating enzyme E2, putative	0,6353	1,966E-07
TcCLB.511529.220	hypothetical protein, conserved	0,6351	0,0003671
TcCLB.508071.40	hypothetical protein	0,6349	0,04164
TcCLB.504241.80	trans-sialidase (pseudogene), putative	0,6348	1,756E-08
TcCLB.507009.20	hypothetical protein, conserved	0,6347	0,0002784
TcCLB.506893.80	monothiol glutaredoxin, putative	0,6344	0,00007498
TcCLB.507295.61	elongation factor 1-gamma (EF-1-gamma, pseudogene),	0,6344	0,06257
TcCLB.504231.20	hypothetical protein, conserved	0,6343	2,064E-12
TcCLB.508547.150	hypothetical protein, conserved	0,634	3E-12
TcCLB.510603.130	hypothetical protein, conserved	0,6339	1,801E-13
TcCLB.507811.114	hypothetical protein, conserved	0,6339	1,216E-08
TcCLB.510421.130	mitochondrial RNA binding complex 1 subunit, putative	0,6338	7,593E-09
TcCLB.504105.150	importin beta-1 subunit, putative	0,6335	1,005E-18
TcCLB.506737.70	ubiquitin-like protein, putative	0,6333	1,321E-16
TcCLB.511201.40	hypothetical protein, conserved	0,6329	4,913E-06
TcCLB.511733.130	chaperonin HSP60, putative (fragment)	0,6329	0,0000144
TcCLB.511511.130	hypothetical protein, conserved	0,6328	1,564E-10
TcCLB.511163.24	hypothetical protein, conserved	0,6326	0,00001549
TcCLB.509967.189	kinesin, putative (fragment)	0,6325	0,0006145
TcCLB.504009.20	hypothetical protein, conserved	0,6322	2,658E-08
TcCLB.510105.230	glyceraldehyde 3-phosphate dehydrogenase, cytosolic, put	0,6322	0,00000301
TcCLB.506625.70	RNA-binding protein, putative	0,632	1,526E-13
TcCLB.504229.20	glycine dehydrogenase [decarboxylating] (pseudogene), p	0,632	4,99E-12
TcCLB.509453.60	hypothetical protein, conserved	0,6319	1,423E-10
TcCLB.506583.60	Elongation factor G1, mitochondrial, putative (EF-G1)	0,6318	2,46E-16
TcCLB.508595.40	cysteine peptidase, putative	0,6318	4,539E-07
TcCLB.507083.10	hypothetical protein, conserved	0,6316	3,568E-12
TcCLB.511823.79	hypothetical protein, conserved	0,6316	2,532E-06
TcCLB.416809.10	dispersed gene family protein 1 (DGF-1), putative	0,6313	0,0003008
TcCLB.509223.60	beta galactofuranosyl glycosyltransferase, putative	0,6312	0,002382
TcCLB.504077.60	hypothetical protein, conserved (pseudogene)	0,6312	0,01245
TcCLB.508283.60	retrotransposon hot spot protein (RHS, pseudogene), puta	0,6312	0,01344
TcCLB.504765.9	hypothetical protein, conserved (fragment)	0,6308	1,49E-09
TcCLB.510149.50	tfiih basal transcription factor complex helicase xpb subur	0,6307	2,944E-15
TcCLB.506145.70	hypothetical protein, conserved	0,6306	9,375E-07
TcCLB.510127.60	hypothetical protein, conserved	0,6304	0,00000153
TcCLB.510615.10	hypothetical protein, conserved	0,6303	9,758E-10
TcCLB.504047.40	kinesin, putative	0,6302	2,1E-16
TcCLB.511635.20	histone H2B, putative	0,6299	3,059E-12
TcCLB.510455.10	dispersed gene family protein 1 (DGF-1), putative	0,6299	0,1597

TcCLB.507093.100	hypothetical protein, conserved	0,6296	2,557E-09
TcCLB.509139.10	glycerate kinase, putative	0,6292	3,778E-16
TcCLB.506007.20	RNA editing complex protein MP18, putative	0,6292	3,182E-07
TcCLB.511261.4	P-type H -ATPase, putative (fragment)	0,629	8,719E-15
TcCLB.509207.70	hypothetical protein, conserved	0,6289	2,156E-08
TcCLB.506685.30	thymidylate kinase, putative	0,6289	5,772E-07
TcCLB.511303.160	sodium/hydrogen exchanger, putative (FTP)	0,6288	5,006E-08
TcCLB.506247.24	hypothetical protein, conserved	0,6287	0,001041
TcCLB.508689.30	hypothetical protein, conserved	0,6286	3,1E-09
TcCLB.511069.10	40S ribosomal protein S8, putative	0,6284	2,522E-08
TcCLB.508543.20	protein kinase, putative	0,6283	1,59E-10
TcCLB.506781.50	dispersed gene family protein 1 (DGF-1), putative	0,6283	0,02615
TcCLB.510119.9	elongation factor 1-alpha, putative	0,628	2,973E-20
TcCLB.509271.10	trans-sialidase, putative	0,6279	4,552E-07
TcCLB.503531.49	structural maintenance of chromosome 3, putative	0,6274	0,002105
TcCLB.503939.60	hypothetical protein, conserved	0,6272	3,858E-10
TcCLB.506989.130	hypothetical protein, conserved	0,6271	5,706E-12
TcCLB.509683.100	hypothetical protein, conserved	0,6271	1,331E-07
TcCLB.510087.30	dihydroceramide synthase, putative (DHCS)	0,627	4,762E-09
TcCLB.511625.20	hypothetical protein, conserved	0,6267	7,559E-06
TcCLB.505919.80	retrotransposon hot spot (RHS) protein, putative	0,6266	1,683E-08
TcCLB.511545.180	hypothetical protein, conserved	0,6265	1,061E-10
TcCLB.509245.10	hypothetical protein, conserved	0,6265	1,354E-06
TcCLB.507951.299	5-histidylcysteine sulfoxide synthase	0,6264	1,831E-12
TcCLB.509965.420	hypothetical protein, conserved	0,6264	7,374E-08
TcCLB.427237.9	dispersed gene family protein 1 (DGF-1), putative	0,6263	0,1156
TcCLB.507007.76	receptor protein kinase, putative	0,6261	0,00001851
TcCLB.503779.109	hypothetical protein, conserved (fragment)	0,6258	0,00000199
TcCLB.504625.74	hypothetical protein, conserved	0,6258	0,002316
TcCLB.506389.79	calmodulin, putative	0,6257	0,4371
TcCLB.507809.30	ribose-phosphate pyrophosphokinase, putative	0,6256	1,238E-13
TcCLB.510529.10	hypothetical protein, conserved	0,6256	0,0000644
TcCLB.506173.150	hypothetical protein	0,6254	0,03855
TcCLB.507017.140	mitochondrial RNA binding protein 1, putative	0,6253	8,984E-12
TcCLB.511523.14	succinate dehydrogenase cytochrome B subunit	0,6247	5,823E-06
TcCLB.504035.120	hypothetical protein, conserved	0,6246	1,024E-12
TcCLB.506855.120	hypothetical protein, conserved	0,6242	3,117E-10
TcCLB.510859.30	hypothetical protein, conserved	0,624	3,382E-17
TcCLB.506789.120	hypothetical protein, conserved	0,624	2,759E-11
TcCLB.506869.40	mitochondrial RNA binding complex 1 subunit, putative	0,624	7,556E-08
TcCLB.508461.470	hypothetical protein, conserved	0,6239	1,436E-08
TcCLB.506957.23	hypothetical protein, conserved	0,6237	4,227E-11
TcCLB.511837.29	iron-sulfur cluster assembly protein, putative	0,6237	9,833E-08
TcCLB.509803.30	hypothetical protein, conserved	0,6236	1,18E-09
TcCLB.507379.9	dispersed gene family protein 1 (DGF-1), putative (fragme	0,6236	0,009597

TcCLB.503687.40	40 kDa cyclophilin, putative (CYP40)	0,6235	4,737E-13
TcCLB.509005.60	hypothetical protein, conserved	0,6234	5,327E-08
TcCLB.507769.20	hypothetical protein, conserved	0,6232	0,0001273
TcCLB.504105.20	eukaryotic translation initiation factor 5, putative	0,6231	3,193E-14
TcCLB.504029.90	hypothetical protein, conserved	0,6225	0,00000385
TcCLB.510483.340	beta galactofuranosyl glycosyltransferase (pseudogene), f	0,6224	0,01149
TcCLB.506523.9	dispersed gene family protein 1 (DGF-1), putative	0,6224	0,02012
TcCLB.508847.9	dispersed gene family protein 1 (DGF-1), putative	0,6222	0,1614
TcCLB.504393.10	hypothetical protein	0,622	0,1051
TcCLB.503663.20	hypothetical protein, conserved	0,6217	6,131E-11
TcCLB.508169.110	hypothetical protein, conserved	0,6215	0,00004004
TcCLB.506047.10	hypothetical protein, conserved (pseudogene)	0,6214	0,004809
TcCLB.511477.10	trans-sialidase (pseudogene), putative	0,6212	0,1969
TcCLB.509267.40	hypothetical protein, conserved	0,6211	2,275E-09
TcCLB.509607.70	serine/threonine protein kinase, putative	0,621	0,0003631
TcCLB.506927.20	hypothetical protein, conserved	0,6209	0,00001793
TcCLB.511563.9	dispersed gene family protein 1 (DGF-1), putative	0,6209	0,04509
TcCLB.504109.150	elongation factor, putative	0,6208	9,248E-13
TcCLB.506533.70	hypothetical protein, conserved	0,6208	1,461E-07
TcCLB.505999.80	hypothetical protein, conserved	0,6208	2,476E-06
TcCLB.510897.10	cullin 2, putative	0,6202	1,041E-06
TcCLB.506835.120	DNA ligase I, putative	0,6201	7,798E-12
TcCLB.508153.990	hypothetical protein, conserved	0,6201	1,689E-06
TcCLB.506625.240	hypothetical protein, conserved	0,62	4,372E-12
TcCLB.508041.60	eukaryotic release factor 3, putative	0,6199	5,776E-14
TcCLB.510437.79	heat shock protein 70, putative	0,6199	0,00005922
TcCLB.507017.10	hypothetical protein, conserved	0,6198	2,63E-11
TcCLB.508331.90	retrotransposon hot spot protein (RHS, pseudogene), puta	0,6196	9,527E-07
TcCLB.508175.329	60S ribosomal protein L19, putative	0,6195	7,118E-09
TcCLB.507809.150	hypothetical protein, conserved	0,6194	1,58E-07
TcCLB.509011.50	hypothetical protein, conserved	0,6188	5,553E-14
TcCLB.510087.110	hypothetical protein, conserved	0,6188	1,654E-10
TcCLB.511807.160	hypothetical protein, conserved	0,6188	0,0001944
TcCLB.506933.40	DNA replication licensing factor MCM2, putative	0,6185	4,071E-10
TcCLB.506677.10	ubiquitin-like protein, putative	0,6183	1,227E-12
TcCLB.508517.9	dispersed gene family protein 1 (DGF-1), putative	0,6183	0,007884
TcCLB.507811.40	hypothetical protein, conserved	0,6182	1,55E-10
TcCLB.407477.10	thiolase protein-like protein, putative	0,6182	1,313E-06
TcCLB.510689.30	proteasome beta 7 subunit, putative	0,6181	1,358E-11
TcCLB.509033.30	cyclophilin, putative	0,6181	6,595E-06
TcCLB.508323.199	ATP-dependent DEAD/H RNA helicase, putative (fragment	0,6181	0,00009006
TcCLB.509901.120	hypothetical protein, conserved	0,6179	6,669E-06
TcCLB.511209.60	hypothetical protein, conserved	0,6176	6,645E-08
TcCLB.506559.200	thioredoxin, putative	0,6174	1,237E-15
TcCLB.511535.20	hypothetical protein, conserved	0,6174	1,095E-07

TcCLB.510329.330	hypothetical protein, conserved	0,6173	3,643E-07
TcCLB.511145.70	centromere/microtubule binding protein cbf5, putative	0,6172	9,494E-12
TcCLB.509317.90	hypothetical protein, conserved	0,617	4,29E-07
TcCLB.506125.30	phosphoglycerate kinase, putative	0,6169	8,493E-07
TcCLB.511001.18	40S ribosomal protein S3A, putative	0,6169	0,0005051
TcCLB.509631.30	mucin TcMUCII (pseudogene), putative	0,6168	0,08395
TcCLB.509429.160	hypothetical protein	0,6167	3,208E-11
TcCLB.506241.100	60S ribosomal protein L32, putative	0,6165	1,236E-15
TcCLB.506629.100	hypothetical protein	0,6163	5,234E-09
TcCLB.509153.110	hypothetical protein	0,6161	1,294E-10
TcCLB.507031.29	nucleosome assembly protein, putative	0,6159	7,228E-11
TcCLB.507643.50	dispersed gene family protein 1 (DGF-1), putative	0,6155	0,00007203
TcCLB.507603.40	proteasome beta-1 subunit, putative	0,6153	7,389E-10
TcCLB.510899.59	hypothetical protein, conserved	0,6152	7,133E-11
TcCLB.508241.60	phosphoadenosine phosphosulfate reductase-like protein,	0,6151	1,012E-10
TcCLB.508629.10	dispersed gene family protein 1 (DGF-1), putative	0,6151	0,00005433
TcCLB.506977.30	hypothetical protein, conserved	0,615	9,654E-09
TcCLB.509337.15	hypothetical protein, conserved	0,6149	1,267E-10
TcCLB.503661.20	retrotransposon hot spot (RHS) protein, putative	0,6148	0,03556
TcCLB.506129.30	trans-sialidase, Group II, putative	0,6147	1,122E-07
TcCLB.508153.1120	DNA repair helicase, putative	0,6144	1,369E-07
TcCLB.511889.50	retrotransposon hot spot protein (RHS, pseudogene), puta	0,6143	1,965E-07
TcCLB.510155.170	hypothetical protein, conserved	0,6143	0,00001665
TcCLB.506633.10	protein kinase, putative	0,6143	0,0001933
TcCLB.511395.30	protein phosphatase 2A, regulatory subunit B, putative	0,6139	1,913E-15
TcCLB.503723.20	hypothetical protein, conserved	0,6139	0,00001118
TcCLB.508507.50	hypothetical protein, conserved	0,6136	0,00007846
TcCLB.510283.114	DNA-directed RNA polymerase I subunit, putative	0,6135	0,00001299
TcCLB.510733.10	p21-activated kinase 3, putative	0,6133	2,351E-15
TcCLB.506813.130	beta galactofuranosyl glycosyltransferase (pseudogene), f	0,6133	0,1084
TcCLB.506469.100	hypothetical protein, conserved	0,6132	2,306E-12
TcCLB.510659.264	prenyl protein specific carboxyl methyltransferase, putativ	0,6132	0,00001388
TcCLB.510409.39	ubiquitin/ribosomal protein S27a, putative	0,6131	5,255E-18
TcCLB.506127.30	phenylalanyl-tRNA synthetase, putative	0,613	3,186E-16
TcCLB.511577.44	hypothetical protein, conserved	0,613	0,0003389
TcCLB.504109.189	hypothetical protein	0,613	0,09464
TcCLB.511575.40	hypothetical protein, conserved	0,6129	5,489E-12
TcCLB.507969.30	sphingosine-1-phosphate phosphatase, putative	0,6126	1,656E-09
TcCLB.511683.10	hypothetical protein	0,6126	0,0004932
TcCLB.508521.30	beta galactofuranosyl glycosyltransferase (pseudogene), f	0,6122	0,0002246
TcCLB.503565.10	hypothetical protein	0,6121	0,00001466
TcCLB.508741.160	hypothetical protein, conserved	0,612	1,134E-11
TcCLB.504257.20	hypothetical protein, conserved	0,6116	3,598E-09
TcCLB.504017.10	Nascent polypeptide-associated complex subunit beta, pu	0,6116	1,175E-08
TcCLB.510197.110	dispersed gene family protein 1 (DGF-1), putative	0,6115	0,002902

TcCLB.506947.40	peroxisome assembly protein, putative	0,6114	2,522E-09
TcCLB.508281.9	dispersed gene family protein 1 (DGF-1), putative	0,6113	0,07891
TcCLB.511247.18	50S ribosomal protein L16, putative	0,6108	2,078E-06
TcCLB.511667.30	trans-sialidase, Group I, putative	0,6107	0,1986
TcCLB.507099.120	hypothetical protein, conserved	0,6105	3,651E-12
TcCLB.511309.70	hypothetical protein, conserved	0,6105	1,319E-09
TcCLB.511621.30	hypothetical protein, conserved	0,6105	0,00001512
TcCLB.507207.19	FtsJ cell division protein, putative (fragment)	0,6104	8,97E-19
TcCLB.511279.10	hypothetical protein, conserved	0,6103	0,00001759
TcCLB.510595.30	hypothetical protein	0,61	0,0004172
TcCLB.510897.70	glycerophosphoryl diester phosphodiesterase (pseudogene)	0,6099	9,612E-06
TcCLB.511575.90	hypothetical protein	0,6099	0,0000442
TcCLB.506529.60	hypothetical protein, conserved	0,6099	0,00006284
TcCLB.509997.20	tryparedoxin 2, putative (TXN2)	0,6098	3,079E-11
TcCLB.509025.20	hypothetical protein, conserved	0,6097	0,0001761
TcCLB.511389.40	hypothetical protein, conserved	0,6096	1,082E-12
TcCLB.510377.270	retrotransposon hot spot protein (RHS, pseudogene), putative	0,6095	0,01258
TcCLB.504075.6	dual specificity protein phosphatase, putative	0,6093	1,481E-06
TcCLB.506787.9	dispersed gene family protein 1 (DGF-1), putative (fragment)	0,6093	0,1546
TcCLB.505183.130	sugar transporter, putative	0,6088	0,0008805
TcCLB.511231.50	aminomethyltransferase, mitochondrial, putative (GCV)	0,6086	8,625E-08
TcCLB.507937.40	elongation factor 1-gamma (EF-1-gamma), putative	0,6086	0,1619
TcCLB.510741.229	ubiquitin-activating enzyme E1, putative	0,6084	7,981E-09
TcCLB.510797.39	hypothetical protein, conserved	0,6083	0,0001506
TcCLB.511929.20	dispersed gene family protein 1 (DGF-1, pseudogene), putative	0,6081	0,001944
TcCLB.507027.50	Present in the outer mitochondrial membrane proteome	0,608	5,981E-07
TcCLB.510295.30	RNA editing complex protein MP18, putative	0,6079	5,672E-08
TcCLB.504011.80	hypothetical protein, conserved	0,6079	0,0001862
TcCLB.508503.100	hypothetical protein, conserved	0,6078	0,00007881
TcCLB.507473.10	hypothetical protein	0,6073	3,949E-12
TcCLB.510119.20	elongation factor 1-alpha, putative	0,6072	1,96E-14
TcCLB.510421.80	hypothetical protein	0,6072	0,0004168
TcCLB.506811.170	hypothetical protein, conserved	0,6071	2,613E-11
TcCLB.506467.40	serine/threonine protein kinase, putative	0,6068	1,632E-09
TcCLB.509997.30	tryparedoxin 1, putative (TXN1)	0,6068	4,958E-06
TcCLB.511089.5	trans-sialidase (pseudogene), putative	0,6062	0,2446
TcCLB.511525.20	hypothetical protein, conserved	0,6061	7,151E-10
TcCLB.509029.130	cyclin 1 (CYC1)	0,6061	1,421E-06
TcCLB.510151.10	fatty acyl CoA synthetase 1, putative	0,6061	1,709E-06
TcCLB.511003.180	hypothetical protein, conserved	0,606	0,0002506
TcCLB.506531.50	metacaspase, putative	0,6055	2,254E-06
TcCLB.506015.20	surface protease GP63, putative	0,6054	0,0000181
TcCLB.507047.80	zinc-finger protein ZPR1, putative	0,6053	2,194E-06
TcCLB.506173.140	dispersed gene family protein 1 (DGF-1), putative	0,6053	0,0008414
TcCLB.511211.180	hypothetical protein, conserved	0,6051	6,086E-09

TcCLB.509905.130	dispersed gene family protein 1 (DGF-1, pseudogene), putative	0,605	1,704E-09
TcCLB.511389.150	thiolase protein-like protein, putative	0,6047	2,271E-14
TcCLB.506057.20	retrotransposon hot spot protein (RHS, pseudogene), putative	0,6046	0,00008635
TcCLB.511521.40	hypothetical protein, conserved	0,6044	1,569E-06
TcCLB.508813.70	hypothetical protein, conserved	0,6043	2,239E-08
TcCLB.506559.190	dual specificity protein phosphatase, putative	0,6042	2,014E-08
TcCLB.506557.10	hypothetical protein, conserved	0,604	4,185E-07
TcCLB.508323.94	cyclophilin, putative	0,604	0,0003353
TcCLB.506113.60	retrotransposon hot spot (RHS) protein, putative	0,6039	3,479E-16
TcCLB.508601.10	mitochondrial DEAD box protein, putative	0,6039	0,00004751
TcCLB.507033.4	hypothetical protein, conserved	0,6037	0,0006032
TcCLB.511191.19	ras-related protein Rab21, putative	0,6036	2,379E-07
TcCLB.506789.110	hypothetical protein	0,6035	3,719E-09
TcCLB.508837.147	kinesin, putative	0,6034	1,542E-08
TcCLB.511507.120	hypothetical protein, conserved	0,6034	2,671E-06
TcCLB.508857.160	threonine synthase, putative	0,6032	5,754E-10
TcCLB.507609.30	ATP-dependent DEAD/H RNA helicase, putative	0,6032	2,153E-06
TcCLB.504143.30	kinesin protein (pseudogene), putative	0,6032	8,795E-06
TcCLB.508307.184	hypothetical protein, conserved	0,6032	0,0001302
TcCLB.505945.50	ATP-dependent chaperone, putative	0,6031	4,036E-09
TcCLB.418113.9	dispersed gene family protein 1 (DGF-1), putative	0,6029	0,203
TcCLB.506563.10	pumilio/PUF RNA binding protein 9, putative (PUF9)	0,6028	3,851E-08
TcCLB.509875.160	dispersed gene family protein 1 (DGF-1), putative	0,6028	0,0001954
TcCLB.508831.63	hypothetical protein	0,6027	1,486E-07
TcCLB.510165.70	retrotransposon hot spot protein (RHS, pseudogene), putative	0,6027	0,004211
TcCLB.510397.10	hypothetical protein, conserved	0,6025	1,891E-09
TcCLB.511111.30	hypothetical protein, conserved	0,6025	9,608E-08
TcCLB.506337.200	hypothetical protein, conserved	0,6023	2,38E-12
TcCLB.509741.40	hypothetical protein, conserved	0,6022	0,00007196
TcCLB.508221.284	retrotransposon hot spot protein (RHS, pseudogene), putative	0,6022	0,02914
TcCLB.503981.30	hypothetical protein, conserved	0,6021	3,06E-08
TcCLB.510359.130	hypothetical protein, conserved	0,6021	4,727E-06
TcCLB.508325.220	beta galactofuranosyl glycosyltransferase (pseudogene), putative	0,602	7,644E-08
TcCLB.511391.170	hypothetical protein, conserved	0,6016	9,282E-08
TcCLB.507809.70	small ubiquitin protein, putative	0,6016	0,00003537
TcCLB.506417.30	hypothetical protein, conserved	0,6016	0,0000622
TcCLB.510359.160	hypothetical protein, conserved	0,6016	0,0001863
TcCLB.511731.60	glutamyl-tRNA synthetase, putative	0,6011	3,452E-09
TcCLB.510667.110	hypothetical protein, conserved	0,6011	3,213E-06
TcCLB.509677.10	hypothetical protein, conserved	0,601	2,194E-07
TcCLB.503527.20	hypothetical protein, conserved	0,6008	2,896E-07
TcCLB.507011.130	hypothetical protein, conserved	0,6007	1,853E-07
TcCLB.511649.150	phosphoglycerate mutase protein, putative	0,6006	2,075E-07
TcCLB.508607.40	retrotransposon hot spot protein (RHS, pseudogene), putative	0,6003	1,253E-08
TcCLB.485889.4	hypothetical protein, conserved	0,6001	0,0009556



TcCLB.509029.10	serine/threonine protein phosphatase, putative	0,5997	2,212E-06
TcCLB.508593.140	hypothetical protein, conserved	0,5996	1,1E-08
TcCLB.511825.4	hypothetical protein, conserved (fragment)	0,5991	1,199E-07
TcCLB.503999.60	phosphoprotein phosphatase, putative	0,599	1,555E-08
TcCLB.503925.50	hypothetical protein, conserved	0,5985	5,733E-06
TcCLB.503823.104	UDP-N-acetylglucosamine-dolichyl-phosphate N-acetylglu	0,5984	2,619E-06
TcCLB.507891.47	flagellar calcium-binding protein, putative	0,5983	1,201E-07
TcCLB.508567.89	hypothetical protein, conserved	0,5981	3,685E-07
TcCLB.510719.10	vacuolar protein sorting-associated protein-like, putative	0,598	5,557E-09
TcCLB.511909.10	hypothetical protein, conserved	0,5978	8,121E-14
TcCLB.509203.50	hypothetical protein	0,5976	8,486E-10
TcCLB.503899.70	hypothetical protein	0,5973	0,0001963
TcCLB.511665.30	retrotransposon hot spot protein (RHS, pseudogene), puta	0,5972	0,0003317
TcCLB.508357.80	cation transporter protein, putative	0,597	2,283E-06
TcCLB.503893.90	hypothetical protein, conserved	0,597	7,898E-06
TcCLB.509843.10	retrotransposon hot spot (RHS) protein, putative	0,5964	3,838E-08
TcCLB.508665.14	heat shock protein, putative	0,5963	3,83E-11
TcCLB.507645.40	hypothetical protein, conserved	0,5963	1,179E-10
TcCLB.510165.30	hypothetical protein, conserved	0,5963	8,954E-10
TcCLB.508731.20	hypothetical protein, conserved	0,5963	4,197E-06
TcCLB.410199.20	hypothetical protein	0,5963	0,01278
TcCLB.507253.50	ATP-dependent DEAD/H RNA helicase (pseudogene), puta	0,5963	0,1983
TcCLB.482319.10	hypothetical protein, conserved	0,5961	9,738E-08
TcCLB.510259.24	hypothetical protein, conserved	0,5961	0,00009646
TcCLB.506989.150	hypothetical protein, conserved	0,596	1,785E-08
TcCLB.511353.30	hypothetical protein, conserved	0,596	0,0001337
TcCLB.506303.50	UDP-galactose 4-epimerase, putative	0,5958	7,556E-08
TcCLB.511289.59	Multiprotein-bridging factor 1, putative (mbf1)	0,5955	7,165E-09
TcCLB.511737.9	hypothetical protein, conserved	0,5955	0,007093
TcCLB.506331.80	beta galactofuranosyl glycosyltransferase (pseudogene), f	0,5955	0,0301
TcCLB.508221.52	hypothetical protein	0,5954	0,1518
TcCLB.510729.290	Enriched in surface-labeled proteome protein 19 (SLS3)	0,5953	1,902E-08
TcCLB.509875.20	dispersed gene family protein 1 (DGF-1), putative	0,5952	0,002062
TcCLB.511797.220	dispersed gene family protein 1 (DGF-1), putative	0,5952	0,03518
TcCLB.511807.40	hypothetical protein, conserved	0,5951	5,403E-07
TcCLB.509951.40	hypothetical protein	0,5951	0,002986
TcCLB.508641.10	dispersed gene family protein 1 (DGF-1), putative	0,595	0,06897
TcCLB.505975.20	trans-sialidase, Group IV, putative	0,5949	0,00001759
TcCLB.509651.10	hypothetical protein, conserved	0,5949	0,00007956
TcCLB.507971.20	syntaxin binding protein (pseudogene), putative	0,5948	5,584E-12
TcCLB.506485.40	kinesin (pseudogene), putative	0,5947	1,676E-14
TcCLB.506635.130	hypothetical protein, conserved	0,5945	4,082E-08
TcCLB.506037.10	dispersed gene family protein 1 (DGF-1, pseudogene), put	0,5945	0,1109
TcCLB.505989.82	ruvB-like DNA helicase, putative	0,5943	7,718E-09
TcCLB.506939.70	retrotransposon hot spot protein (RHS, pseudogene), puta	0,5942	0,01328

TcCLB.511255.313	syntaxin binding protein (pseudogene), putative	0,5942	0,06826
TcCLB.510307.110	hypothetical protein, conserved (pseudogene)	0,5941	3,147E-10
TcCLB.511015.20	ribosomal protein S29, putative	0,594	0,00001059
TcCLB.511715.100	pumilio/PUF RNA binding protein 7, putative (PUF7)	0,5935	1,334E-09
TcCLB.506697.60	hypothetical protein, conserved	0,5933	7,444E-14
TcCLB.509857.30	hypothetical protein, conserved	0,5928	4,032E-07
TcCLB.506605.100	hypothetical protein	0,5928	5,704E-07
TcCLB.506559.50	hypothetical protein, conserved	0,5927	1,748E-09
TcCLB.503495.20	retrotransposon hot spot protein (RHS, pseudogene), puta	0,5926	0,002333
TcCLB.511419.50	3-phosphoglycerate kinase, glycosomal (PGKA)	0,5925	0,00004592
TcCLB.509671.80	60S ribosomal protein L5, putative	0,5922	5,229E-16
TcCLB.504003.90	hypothetical protein, conserved	0,5922	3,085E-07
TcCLB.507611.30	glycine dehydrogenase (pseudogene), putative	0,5922	0,02335
TcCLB.506559.550	C2 domain containing protein, putative	0,5921	3,376E-08
TcCLB.507483.30	calmodulin, putative	0,592	3,795E-07
TcCLB.503891.54	nucleolar RNA-binding protein, putative	0,592	0,00006181
TcCLB.506173.190	dispersed gene family protein 1 (DGF-1), putative	0,5919	0,01412
TcCLB.507641.110	hypothetical protein, conserved	0,5917	5,704E-10
TcCLB.505999.100	3-phosphoglycerate kinase, glycosomal (PGKA)	0,5916	1,792E-08
TcCLB.511025.120	CYC2-like cyclin, putative	0,5915	4,203E-09
TcCLB.511827.139	retrotransposon hot spot protein (RHS, pseudogene), puta	0,5914	0,01251
TcCLB.507513.110	hypothetical protein	0,5913	3,296E-06
TcCLB.402857.10	hypothetical protein, conserved (fragment)	0,5912	5,199E-07
TcCLB.507851.40	hypothetical protein, conserved	0,5911	0,00005158
TcCLB.511301.70	FK506-binding protein (FKBP)-type peptidyl-prolyl isomera	0,591	5,475E-11
TcCLB.507907.40	hypothetical protein, conserved	0,591	3,311E-07
TcCLB.506725.20	hypothetical protein, conserved	0,5909	1,563E-15
TcCLB.510737.70	60S ribosomal subunit protein L31, putative	0,5908	0,0004913
TcCLB.509813.10	hypothetical protein (pseudogene)	0,5907	0,07764
TcCLB.506357.140	Periodic tryptophan protein 2 homolog, putative	0,5906	3,577E-09
TcCLB.508037.10	retrotransposon hot spot (RHS) protein, putative	0,5906	5,283E-07
TcCLB.510143.17	hypothetical protein, conserved	0,5903	6,167E-06
TcCLB.510515.90	hypothetical protein, conserved	0,5903	0,00003232
TcCLB.506779.100	RNA-binding protein, putative	0,5902	6,986E-06
TcCLB.507023.10	epsilon-adaptin, putative	0,59	9,121E-13
TcCLB.508515.120	hypothetical protein, conserved	0,5899	5,863E-07
TcCLB.507737.40	hypothetical protein, conserved (fragment)	0,5899	0,09238
TcCLB.509471.68	histone H3, putative	0,5898	3,175E-09
TcCLB.506153.6	hypothetical protein, conserved	0,5896	0,00001164
TcCLB.509965.144	hypothetical protein, conserved	0,5895	1,175E-06
TcCLB.510155.80	mitochondrial-processing peptidase subunit beta, putative	0,5893	1,171E-12
TcCLB.508153.1074	hypothetical protein, conserved	0,5893	2,064E-08
TcCLB.504431.20	hypothetical protein	0,5893	0,00001995
TcCLB.507149.20	retrotransposon hot spot protein (RHS, pseudogene), puta	0,5892	0,03187
TcCLB.508569.140	hypothetical protein, conserved	0,5891	3,385E-06

TcCLB.507167.41	ATP-dependent DEAD/H RNA helicase (pseudogene), puta	0,5891	0,148
TcCLB.511571.40	hypothetical protein, conserved	0,5889	4,682E-10
TcCLB.506567.60	ABC transporter, putative	0,5889	1,496E-09
TcCLB.506625.19	dispersed gene family protein 1 (DGF-1), putative (fragme	0,5886	0,03035
TcCLB.503521.89	mannosyltransferase-II, putative	0,5885	3,203E-08
TcCLB.503583.80	dual specificity protein phosphatase or MAP kinase phosph	0,5885	7,155E-07
TcCLB.506335.60	mucin TcMUCII (pseudogene), putative	0,5884	0,002892
TcCLB.506941.130	hypothetical protein, conserved	0,5883	3,822E-08
TcCLB.511693.70	hypothetical protein, conserved	0,5883	0,00001768
TcCLB.511865.80	hypothetical protein, conserved	0,5882	0,0007933
TcCLB.511385.70	hypothetical protein	0,5881	0,01087
TcCLB.508307.150	hypothetical protein, conserved	0,5877	1,381E-07
TcCLB.510879.220	hypothetical protein, conserved	0,5874	1,162E-06
TcCLB.506419.69	hypothetical protein, conserved	0,5874	0,0003879
TcCLB.508139.40	retrotransposon hot spot protein (RHS, pseudogene), puta	0,5871	2,924E-07
TcCLB.510531.54	small nuclear ribonucleoprotein, putative	0,5869	3,94E-07
TcCLB.452283.10	amino acid permease (pseudogene), putative	0,5869	0,000522
TcCLB.507011.240	hypothetical protein, conserved	0,5868	0,0001248
TcCLB.507911.40	hypothetical protein, conserved (pseudogene)	0,5867	0,00004485
TcCLB.511255.341	trans-sialidase (pseudogene), putative	0,5867	0,04174
TcCLB.511847.50	hypothetical protein, conserved	0,5865	4,733E-09
TcCLB.510641.10	retrotransposon hot spot protein (RHS, pseudogene), puta	0,5865	0,002999
TcCLB.506857.110	hypothetical protein, conserved	0,586	0,00002521
TcCLB.506739.50	ATP-dependent protease ATPase subunit HslU1, putative (	0,5859	1,383E-12
TcCLB.509055.44	hypothetical protein, conserved	0,5859	5,94E-08
TcCLB.506227.190	hypothetical protein	0,5858	0,01064
TcCLB.511213.70	trans-sialidase (pseudogene), putative	0,5857	0,000166
TcCLB.510645.30	3,2-trans-enoyl-CoA isomerase, mitochondrial precursor, p	0,5856	1,533E-10
TcCLB.503955.50	hypothetical protein, conserved	0,5854	0,00001667
TcCLB.508817.20	hypothetical protein	0,5853	4,769E-09
TcCLB.511217.60	hypothetical protein	0,5852	2,116E-07
TcCLB.509467.20	hypothetical protein, conserved (pseudogene)	0,5852	0,04153
TcCLB.509471.59	histone H3, putative	0,5851	0,004304
TcCLB.510759.114	hypothetical protein, conserved	0,585	3,198E-06
TcCLB.509855.10	hypothetical protein, conserved	0,5849	2,878E-12
TcCLB.506127.150	hypothetical protein, conserved	0,5847	1,281E-09
TcCLB.510105.130	phosphatidylinositol-4-phosphate 5-kinase type II beta, pu	0,5847	5,019E-07
TcCLB.508777.30	hypothetical protein, conserved	0,5846	4,258E-13
TcCLB.508045.79	spliceosomal U5 snRNP-specific protein, putative	0,5843	6,557E-07
TcCLB.509679.9	leucyl-tRNA synthetase, putative	0,5843	0,0003495
TcCLB.511717.90	phosphomannose isomerase, putative	0,5842	2,079E-06
TcCLB.508957.40	hypothetical protein, conserved (pseudogene)	0,5841	7,32E-11
TcCLB.510759.130	hypothetical protein, conserved	0,5841	0,00001067
TcCLB.507827.10	dispersed gene family protein 1 (DGF-1), putative	0,5841	0,002166
TcCLB.507159.10	Wee1-like protein kinase, putative (pseudogene, point mu	0,5839	7,866E-06

TcCLB.507073.40	hypothetical protein, conserved	0,5838	6,027E-13
TcCLB.508839.70	hypothetical protein, conserved	0,5833	0,0003547
TcCLB.507769.10	hypothetical protein, conserved	0,5828	0,02782
TcCLB.510887.50	hypothetical protein, conserved	0,5827	3,791E-10
TcCLB.510885.20	hypothetical protein, conserved	0,5827	1,075E-07
TcCLB.508679.20	ribonuclease inhibitor, putative	0,5827	0,0001054
TcCLB.411427.30	hypothetical protein, conserved	0,5824	2,709E-09
TcCLB.509735.84	dispersed gene family protein 1 (DGF-1), putative	0,5824	0,00002588
TcCLB.507963.44	hypothetical protein, conserved	0,5823	6,815E-06
TcCLB.505171.40	hypothetical protein, conserved	0,5822	5,281E-07
TcCLB.511731.70	hypothetical protein, conserved	0,5822	0,00002899
TcCLB.507609.60	inositol-3-phosphate synthase, putative	0,5821	0,00002648
TcCLB.504371.20	dispersed gene family protein 1 (DGF-1, pseudogene), putative	0,5821	0,00577
TcCLB.504423.10	hypothetical protein, conserved	0,582	0,0003871
TcCLB.511807.150	hypothetical protein, conserved	0,5819	4,252E-09
TcCLB.511865.54	protein transport protein Sec61 gamma subunit, putative	0,5819	1,545E-06
TcCLB.507639.30	universal minicircle sequence binding protein 1 (pdz5)	0,5818	0,0002086
TcCLB.474937.9	acetyl-CoA carboxylase, putative	0,5817	6,162E-09
TcCLB.511907.10	hypothetical protein, conserved	0,5817	3,171E-07
TcCLB.508555.10	hypothetical protein, conserved	0,5817	0,0004813
TcCLB.511855.50	hypothetical protein, conserved	0,5815	2,358E-10
TcCLB.504163.50	fructose-bisphosphate aldolase, glycosomal, putative	0,5814	6,943E-06
TcCLB.511289.40	hypothetical protein, conserved	0,5812	4,566E-12
TcCLB.506207.40	hypothetical protein, conserved	0,5812	2,174E-11
TcCLB.510971.10	dispersed gene family protein 1 (DGF-1), putative	0,5812	0,004629
TcCLB.509885.10	V-type proton ATPase subunit D, putative (VAd)	0,581	2,261E-09
TcCLB.509033.60	hypothetical protein, conserved	0,5809	4,519E-06
TcCLB.458241.10	hypothetical protein, conserved	0,5809	0,002312
TcCLB.506629.90	hypothetical protein, conserved	0,5809	0,009688
TcCLB.511667.40	retrotransposon hot spot (RHS) protein, putative	0,5808	0,001779
TcCLB.506797.20	hypothetical protein	0,5807	1,429E-13
TcCLB.506529.650	hypothetical protein, conserved	0,5806	8,975E-08
TcCLB.510639.10	dispersed gene family protein 1 (DGF-1, pseudogene), putative	0,5806	0,003791
TcCLB.508625.120	leucine carboxyl methyltransferase, putative	0,5805	2,648E-07
TcCLB.504129.10	hypothetical protein, conserved	0,5805	0,008669
TcCLB.505401.40	dispersed gene family protein 1 (DGF-1), putative	0,5805	0,3082
TcCLB.503865.20	hypothetical protein, conserved	0,5804	1,546E-08
TcCLB.506867.20	vacuolar type h ATPase subunit, putative	0,5803	3,593E-08
TcCLB.504153.180	UDP-N-acetylglucosamine pyrophosphorylase, putative	0,5799	8,056E-09
TcCLB.507949.4	cytidine triphosphate synthase, putative	0,5799	0,00002108
TcCLB.511423.104	DNA-directed RNA polymerase 2, RPB12 subunit, putative	0,5799	0,0001741
TcCLB.506575.9	hypothetical protein, conserved	0,5797	1,047E-09
TcCLB.508079.20	fatty acyl CoA synthetase 1 (pseudogene), putative	0,5794	1,457E-08
TcCLB.511107.41	ATP-dependent Clp protease subunit heat shock protein 1 (Hsp100)	0,5789	0,0001868
TcCLB.506825.219	hypothetical protein, conserved	0,5786	5,939E-11

TcCLB.503899.30	40S ribosomal protein S16, putative	0,5785	0,0002629
TcCLB.506959.130	60S ribosomal protein L30, putative	0,5784	2,192E-16
TcCLB.506711.10	cAMP response protein, putative (CARP4)	0,5783	2,883E-10
TcCLB.506543.30	hypothetical protein, conserved	0,5782	0,01086
TcCLB.506123.40	nucleolar RNA helicase II, putative	0,5779	2,962E-10
TcCLB.508413.84	kinetoplastid membrane protein KMP-11 (fragment)	0,5778	0,00002198
TcCLB.511277.550	hypothetical protein, conserved	0,5778	0,0008022
TcCLB.505297.10	dispersed gene family protein 1 (DGF-1, pseudogene), putative	0,5778	0,0815
TcCLB.504445.10	dispersed gene family protein 1 (DGF-1), putative	0,5777	0,0252
TcCLB.511283.100	hypothetical protein, conserved	0,577	2,56E-08
TcCLB.506593.50	hypothetical protein, conserved	0,577	5,108E-08
TcCLB.510187.420	chaperonin HSP60, mitochondrial precursor (pseudogene)	0,577	0,00002432
TcCLB.507275.50	hypothetical protein, conserved	0,5769	1,39E-07
TcCLB.503861.80	dispersed gene family protein 1 (DGF-1), putative	0,5769	0,00002364
TcCLB.509955.10	ubiquitin carboxyl-terminal hydrolase, putative (fragment)	0,5769	0,001498
TcCLB.506155.60	aldehyde dehydrogenase, putative	0,5768	2,208E-08
TcCLB.506943.23	hypothetical protein, conserved	0,5767	0,00002487
TcCLB.508815.70	hypothetical protein, conserved	0,5764	8,498E-14
TcCLB.511517.153	SH3 domain protein, putative	0,5764	2,11E-08
TcCLB.506147.140	hypothetical protein, conserved	0,5763	9,982E-09
TcCLB.507691.10	hypothetical protein, conserved	0,5762	0,06503
TcCLB.506743.180	recombination initiation protein NBS1, putative	0,5758	5,527E-10
TcCLB.509799.60	hypothetical protein, conserved	0,5755	1,028E-11
TcCLB.506683.210	retrotransposon hot spot protein (RHS, pseudogene), putative	0,5755	0,0002584
TcCLB.510497.130	retrotransposon hot spot protein (RHS, pseudogene), putative	0,5755	0,001119
TcCLB.504177.20	fatty acyl CoA synthetase 2, putative	0,5754	6,713E-09
TcCLB.508047.25	elongation factor 1-gamma (EF-1-gamma, pseudogene), putative	0,5754	0,2225
TcCLB.510525.130	Present in the outer mitochondrial membrane proteome	0,5753	9,71E-09
TcCLB.510241.130	tyrosine phosphatase-like protein (pseudogene), putative	0,5752	3,635E-07
TcCLB.507107.40	3,2-trans-enoyl-CoA isomerase, mitochondrial precursor, putative	0,5751	1,225E-14
TcCLB.508285.10	retrotransposon hot spot (RHS) protein, putative	0,575	0,0005241
TcCLB.445777.10	retrotransposon hot spot (RHS) protein, putative, (fragment)	0,5747	1,678E-07
TcCLB.508159.40	dispersed gene family protein 1 (DGF-1), putative	0,5747	0,02325
TcCLB.509029.170	palmitoyl acyltransferase 5, putative	0,5746	1,345E-06
TcCLB.507053.160	hypothetical protein, conserved	0,5745	4,65E-14
TcCLB.506605.120	hypothetical protein, conserved	0,574	7,47E-09
TcCLB.507913.30	proliferative cell nuclear antigen (PCNA), putative	0,5737	4,339E-11
TcCLB.506297.310	hypothetical protein, conserved	0,5737	2,827E-08
TcCLB.508909.30	hypothetical protein, conserved	0,5737	2,903E-08
TcCLB.507023.280	hypothetical protein, conserved	0,5732	3,887E-06
TcCLB.509339.4	poly(A) export protein, putative	0,5727	0,00001977
TcCLB.508607.30	dispersed gene family protein 1 (DGF-1), putative	0,5727	0,008003
TcCLB.510853.120	hypothetical protein, conserved	0,5726	1,712E-11
TcCLB.504103.6	hypothetical protein, conserved	0,5726	0,0002048
TcCLB.506209.60	retrotransposon hot spot protein (RHS, pseudogene), putative	0,5723	2,738E-06

TcCLB.510769.90	60S ribosomal protein L32, putative	0,5722	2,395E-09
TcCLB.511145.40	peroxin 14, putative	0,5721	1,989E-08
TcCLB.507895.164	hypothetical protein, conserved	0,5721	1,414E-06
TcCLB.504131.190	mitochondrial carrier protein, putative	0,5718	1,051E-06
TcCLB.508895.80	intraflagellar transport protein 52, putative (IFT52)	0,5716	1,058E-10
TcCLB.511751.90	hypothetical protein	0,5715	0,00009149
TcCLB.508431.10	dispersed gene family protein 1 (DGF-1, pseudogene), putative	0,5715	0,001082
TcCLB.511181.50	metallo-peptidase, Clan ME, Family M16	0,5714	2,857E-11
TcCLB.506127.50	hypothetical protein, conserved	0,5714	0,0000016
TcCLB.511821.10	Cytoplasmic dynein 1 heavy chain (DYNC1H1), putative	0,571	1,66E-11
TcCLB.506425.40	hypothetical protein, conserved	0,5707	3,919E-18
TcCLB.510139.10	mucin-associated surface protein (MASP, pseudogene), putative	0,5707	0,01126
TcCLB.506389.50	hypothetical protein, conserved	0,5706	6,072E-09
TcCLB.509767.90	alanine racemase, putative	0,5704	1,84E-08
TcCLB.511115.30	hypothetical protein, conserved	0,5704	1,375E-06
TcCLB.506283.10	retrotransposon hot spot protein (RHS, pseudogene), putative	0,5704	0,0001146
TcCLB.511255.65	surface protease GP63 (pseudogene), putative	0,5703	0,1742
TcCLB.508503.60	protein kinase, putative	0,5701	1,323E-13
TcCLB.509151.60	hypothetical protein, conserved	0,5699	4,83E-09
TcCLB.508277.370	mitochondrial DNA topoisomerase II, putative	0,5698	2,789E-13
TcCLB.504231.10	hypothetical protein, conserved	0,5694	6,631E-08
TcCLB.504121.39	60S ribosomal protein L14, putative (fragment)	0,569	6,272E-11
TcCLB.509977.100	hypothetical protein, conserved	0,5689	2,304E-10
TcCLB.506599.395	elongation factor 1-gamma (EF-1-gamma, pseudogene), putative	0,5689	0,1515
TcCLB.507723.130	eukaryotic translation initiation factor 3 subunit 8, putative	0,5688	6,615E-16
TcCLB.510731.80	hypothetical protein, conserved	0,5687	4,798E-10
TcCLB.508641.160	glycogenin glucosyltransferase, putative	0,5687	5,466E-06
TcCLB.506845.10	retrotransposon hot spot protein (RHS, pseudogene), putative	0,5687	0,003861
TcCLB.505037.100	dispersed gene family protein 1 (DGF-1), putative	0,5686	1,433E-06
TcCLB.511769.10	hypothetical protein	0,5681	0,001738
TcCLB.506471.10	hypothetical protein, conserved	0,5679	8,79E-08
TcCLB.509211.39	hypothetical protein, conserved (fragment)	0,5677	1,482E-06
TcCLB.510127.70	leucine-rich repeat protein 1 (LRRP1), putative	0,5677	0,001672
TcCLB.509023.160	hypothetical protein, conserved	0,5675	6,157E-07
TcCLB.503557.40	Present in the outer mitochondrial membrane proteome	0,5675	0,0005138
TcCLB.506629.20	hypothetical protein, conserved	0,5674	3,593E-06
TcCLB.510865.10	retrotransposon hot spot protein (RHS, pseudogene), putative	0,5674	0,0002264
TcCLB.503643.3	60S ribosomal protein L4, putative (fragment)	0,5673	5,933E-13
TcCLB.508891.50	hypothetical protein	0,5673	1,18E-07
TcCLB.511479.30	hypothetical protein, conserved	0,5673	0,00002217
TcCLB.507023.110	small GTP-binding protein Rab28, putative	0,5672	7,365E-06
TcCLB.509395.30	tRNA exportin, putative	0,567	6,091E-10
TcCLB.511907.110	fatty acid transporter protein-like, putative	0,567	3,652E-09
TcCLB.506459.260	hypothetical protein, conserved	0,567	2,233E-08
TcCLB.504443.20	hypothetical protein, conserved	0,5669	0,00005773

TcCLB.511725.170	hypothetical protein, conserved	0,5665	1,204E-08
TcCLB.503905.40	hypothetical protein, conserved	0,5665	0,00003881
TcCLB.503979.20	hypothetical protein, conserved	0,5664	0,00001145
TcCLB.503653.70	hypothetical protein, conserved	0,5663	0,00009074
TcCLB.509429.310	hypothetical protein, conserved	0,5661	3,491E-08
TcCLB.509179.10	choline/carnitine O-acyltransferase (pseudogene), putativ	0,5661	0,004028
TcCLB.503665.21	elongation factor 1-gamma (EF-1-gamma, pseudogene),	0,566	0,0188
TcCLB.504125.20	hypothetical protein	0,5658	0,00001933
TcCLB.510105.250	membrane-bound acid phosphatase 2, putative	0,5657	0,00004884
TcCLB.509029.110	hypothetical protein, conserved	0,5656	8,104E-07
TcCLB.510741.170	hypothetical protein	0,5655	1,07E-08
TcCLB.511537.8	ABC transporter of the mitochondrion, putative (fragment	0,5654	6,276E-07
TcCLB.511389.130	diphthine synthase, putative	0,5653	0,00001132
TcCLB.508241.70	hypothetical protein, conserved	0,5651	1,097E-07
TcCLB.507047.110	otubain cysteine peptidase, Clan CA, family C65, putative	0,565	2,795E-08
TcCLB.504069.90	centromere/microtubule binding protein cbf5, putative	0,5649	1,391E-08
TcCLB.510763.50	hypothetical protein, conserved	0,5649	0,0003154
TcCLB.506661.140	hypothetical protein, conserved	0,5646	1,098E-09
TcCLB.509725.50	protein kinase, putative	0,5645	0,04902
TcCLB.503715.30	ras-related protein RAB1A, putative (Rab1A)	0,5643	1,032E-13
TcCLB.511545.130	hypothetical protein, conserved	0,5638	3,853E-07
TcCLB.507875.30	hypothetical protein, conserved	0,5637	0,00001624
TcCLB.506835.10	hypothetical protein, conserved	0,5636	2,543E-11
TcCLB.509875.204	hypothetical protein, conserved	0,5636	0,00001965
TcCLB.509011.20	RNA polymerase IIA largest subunit, putative	0,5635	2,168E-11
TcCLB.503971.30	hypothetical protein, conserved	0,5634	0,000251
TcCLB.509769.80	hypothetical protein, conserved	0,5633	3,787E-17
TcCLB.511807.180	hypothetical protein, conserved	0,5633	7,167E-16
TcCLB.507061.20	ribosomal protein L2, putative	0,5633	1,104E-08
TcCLB.509171.47	hypothetical protein, conserved	0,5631	1,162E-06
TcCLB.508879.110	hypothetical protein, conserved	0,5631	0,0000016
TcCLB.506179.50	hypothetical protein, conserved	0,5631	7,586E-06
TcCLB.508089.20	UDP-glucuronosyl and UDP-glucosyl transferase, putative	0,5628	5,261E-06
TcCLB.508831.10	hypothetical protein, conserved	0,5624	5,128E-08
TcCLB.508873.590	retrotransposon hot spot protein (RHS, pseudogene), puta	0,5623	0,007248
TcCLB.508301.20	metallo-peptidase, Clan ME, Family M16	0,5622	1,409E-08
TcCLB.509935.29	proline racemase (fragment)	0,562	0,00003356
TcCLB.506459.240	elongation factor 1-gamma (EF-1-gamma), putative	0,562	0,0001263
TcCLB.510647.50	hypothetical protein, conserved	0,5617	0,006063
TcCLB.507795.30	intraflagellar transport protein 27 (IFT27)	0,5616	1,944E-06
TcCLB.506941.170	ADP-ribosylation factor-like protein, putative	0,5615	0,0002542
TcCLB.507521.10	hypothetical protein, conserved	0,5614	8,235E-07
TcCLB.506195.230	hypothetical protein, conserved	0,561	1,374E-06
TcCLB.510943.180	hypothetical protein, conserved	0,5609	0,00005083
TcCLB.438897.10	hypothetical protein, conserved	0,5608	8,715E-07

TcCLB.504057.90	hypothetical protein, conserved	0,5607	3,489E-10
TcCLB.504151.60	actin interacting protein-like protein, putative	0,56	4,27E-09
TcCLB.511801.50	hypothetical protein, conserved	0,56	4,81E-07
TcCLB.506537.280	glycine dehydrogenase [decarboxylating] (pseudogene), p	0,5597	3,778E-07
TcCLB.508331.20	hypothetical protein, conserved	0,5596	2,684E-13
TcCLB.504077.50	hypothetical protein, conserved	0,5596	5,052E-07
TcCLB.506727.130	hypothetical protein, conserved	0,5596	0,00007148
TcCLB.506935.19	hypothetical protein, conserved (fragment)	0,5595	0,006286
TcCLB.510901.20	hypothetical protein	0,5591	0,0005977
TcCLB.509287.60	hypothetical protein, conserved	0,5586	1,811E-09
TcCLB.510355.269	cytochrome b5, putative	0,5586	0,004235
TcCLB.511817.120	hypothetical protein, conserved	0,5578	9,63E-09
TcCLB.510829.10	hypothetical protein, conserved	0,5577	1,357E-06
TcCLB.504429.70	retrotransposon hot spot protein (RHS, pseudogene), puta	0,5576	6,702E-09
TcCLB.508859.40	leucine-rich repeat protein (LRRP), putative	0,5575	4,062E-06
TcCLB.504131.160	hypothetical protein	0,5575	0,00001637
TcCLB.507703.10	retrotransposon hot spot protein (RHS, pseudogene), puta	0,5575	0,005327
TcCLB.504105.250	hypothetical protein	0,5574	0,0002105
TcCLB.503843.30	hypothetical protein, conserved	0,5573	4,08E-08
TcCLB.508445.99	pumilio/PUF RNA binding protein 7, putative (PUF7)	0,5572	1,477E-06
TcCLB.508173.140	hypothetical protein	0,5571	0,00001374
TcCLB.511577.170	hypothetical protein, conserved (pseudogene)	0,5569	6,191E-06
TcCLB.511317.60	hypothetical protein, conserved	0,5569	0,002193
TcCLB.507133.10	trans-sialidase, putative	0,5569	0,004407
TcCLB.509471.77	histone H3, putative	0,5568	3,662E-09
TcCLB.511227.20	retrotransposon hot spot protein (RHS, pseudogene), puta	0,5567	3,819E-10
TcCLB.507297.10	cruzipain precursor, putative	0,5565	2,045E-13
TcCLB.510679.30	metal-ion transporter, putative	0,5565	3,4E-09
TcCLB.509259.160	retrotransposon hot spot (RHS) protein, putative	0,5565	2,864E-06
TcCLB.503745.10	hypothetical protein, conserved	0,5565	3,597E-06
TcCLB.503925.10	hypothetical protein, conserved	0,5565	0,00004246
TcCLB.509999.100	hypothetical protein, conserved	0,5565	0,00006406
TcCLB.511473.3	hypothetical protein, conserved (pseudogene)	0,5564	0,001401
TcCLB.506201.120	hypothetical protein, conserved	0,5563	1,423E-07
TcCLB.511807.284	carnitine O-palmitoyltransferase II, putative	0,5562	1,123E-07
TcCLB.507019.80	hypothetical protein, conserved	0,5561	6,565E-13
TcCLB.508271.30	hypothetical protein, conserved	0,556	6,927E-07
TcCLB.507975.70	retrotransposon hot spot protein (RHS, pseudogene), puta	0,5559	5,361E-09
TcCLB.511471.150	hypothetical protein, conserved (pseudogene)	0,5559	0,01076
TcCLB.510631.11	retrotransposon hot spot protein (RHS, pseudogene), puta	0,5558	1,837E-07
TcCLB.510167.4	hypothetical protein, conserved	0,5557	0,003073
TcCLB.507789.9	dispersed gene family protein 1 (DGF-1), putative (fragm	0,5555	0,02937
TcCLB.503959.10	hypothetical protein, conserved	0,5553	5,805E-09
TcCLB.509661.21	ferric reductase (pseudogene), putative	0,5553	0,0001165
TcCLB.508821.20	hypothetical protein, conserved	0,555	1,987E-07



TcCLB.508601.30	DNA-directed RNA polymerase I/III subunit, putative	0,5548	0,00004005
TcCLB.510285.70	kinetoplastid kinetochore protein 2, putative (kkt2)	0,554	6,161E-07
TcCLB.508661.40	hypothetical protein, conserved	0,5537	0,00005393
TcCLB.507129.40	hypothetical protein, conserved	0,5537	0,002117
TcCLB.511589.90	hypothetical protein, conserved	0,5534	3,488E-07
TcCLB.508873.360	retrotransposon hot spot protein (RHS, pseudogene), puta	0,5533	0,02086
TcCLB.509841.20	hypothetical protein	0,5532	0,02689
TcCLB.508871.180	hypothetical protein	0,5532	0,07208
TcCLB.506591.20	U-box domain protein, putative	0,5531	1,027E-09
TcCLB.511289.14	mitogen-activated protein kinase kinase kinase, putative (	0,553	1,262E-09
TcCLB.508891.60	serine/threonine protein phosphatase, putative	0,553	0,000286
TcCLB.507831.60	heat shock protein 110, putative	0,5527	2,969E-12
TcCLB.510943.20	hypothetical protein	0,5527	0,00255
TcCLB.504257.70	valyl-tRNA synthetase, putative	0,5526	4,403E-11
TcCLB.509401.20	cysteine peptidase (pseudogene), putative	0,5525	9,627E-13
TcCLB.508269.30	translation initiation factor 2 subunit, putative	0,5524	0,00001469
TcCLB.506517.40	hypothetical protein	0,5524	0,02131
TcCLB.509913.20	hypothetical protein, conserved	0,5523	9,533E-07
TcCLB.509601.150	hypothetical protein, conserved	0,5523	3,497E-06
TcCLB.508625.140	hypothetical protein, conserved	0,5522	0,0001884
TcCLB.510659.80	hypothetical protein, conserved	0,5521	1,047E-06
TcCLB.508711.30	NADH dehydrogenase subunit N18M, putative	0,5521	6,665E-06
TcCLB.509023.20	hypothetical protein, conserved	0,5521	0,0009279
TcCLB.509549.90	alpha-adaptin-like (pseudogene), putative	0,5518	1,776E-12
TcCLB.508857.50	hypothetical protein, conserved	0,5517	9,719E-14
TcCLB.507519.20	hypothetical protein, conserved	0,5517	1,705E-08
TcCLB.463323.20	retrotransposon hot spot protein (RHS, pseudogene), puta	0,5517	0,0008962
TcCLB.506747.10	orotidine-5-phosphate decarboxylase/orotate phosphoribc	0,5517	0,004281
TcCLB.506691.14	ATP-dependent DEAD/H RNA helicase, putative (fragment	0,5516	7,554E-07
TcCLB.506605.229	SNF2 DNA repair protein, putative	0,5515	3,099E-08
TcCLB.507603.200	proteasome regulatory ATPase subunit 3, putative	0,5514	2,282E-09
TcCLB.503421.50	retrotransposon hot spot protein (RHS, pseudogene), puta	0,551	6,962E-09
TcCLB.507519.210	glycine dehydrogenase [decarboxylating] (pseudogene), p	0,551	0,00002699
TcCLB.510241.5	hypothetical protein	0,5509	1,395E-07
TcCLB.508515.30	RNA-binding protein 38, putative (RBP38)	0,5508	1,315E-15
TcCLB.507215.9	dispersed gene family protein 1 (DGF-1), putative (fragme	0,5508	0,1776
TcCLB.511577.120	hypothetical protein, conserved	0,5507	0,00001945
TcCLB.507091.30	succinate dehydrogenase subunit	0,5506	0,005955
TcCLB.422189.20	leucine-rich repeat protein, putative	0,5503	0,000299
TcCLB.508175.146	60S ribosomal protein L23a, putative	0,5501	8,023E-13
TcCLB.506247.230	prolyl endopeptidase (POP)	0,55	2,81E-09
TcCLB.503499.30	mitochondrial carrier protein (pseudogene), putative	0,55	0,0005577
TcCLB.511163.40	cell cycle sequence binding phosphoprotein (RBP45), puta	0,5499	1,142E-08
TcCLB.503897.120	hypothetical protein, conserved	0,5498	1,82E-07
TcCLB.506559.40	cardiolipin synthetase, putative (cls)	0,5495	5,636E-11

TcCLB.509937.180	tyrosyl-tRNA synthetase, putative	0,5494	2,488E-08
TcCLB.510101.400	hypothetical protein, conserved	0,5492	1,549E-10
TcCLB.510861.60	hypothetical protein, conserved	0,5492	3,828E-10
TcCLB.503499.24	hypothetical protein	0,5488	0,02787
TcCLB.506739.110	hypothetical protein	0,5487	0,00002997
TcCLB.509551.149	phosphatidylserine decarboxylase, putative	0,5486	0,005444
TcCLB.505171.10	phospholipid transporting ATPase-like protein, putative	0,5484	1,157E-06
TcCLB.503647.9	hypothetical protein, conserved	0,5483	1,975E-07
TcCLB.508347.70	Engulfment and cell motility domain-containing protein (F	0,5482	1,857E-06
TcCLB.504247.50	hypothetical protein, conserved	0,5481	0,00001214
TcCLB.504179.100	hypothetical protein, conserved	0,5473	0,0001894
TcCLB.509965.370	adenosine kinase, putative	0,5472	6,139E-10
TcCLB.504161.59	transporter, putative	0,547	0,0001614
TcCLB.503999.30	hypothetical protein, conserved	0,5468	9,857E-12
TcCLB.505935.30	dispersed gene family protein 1 (DGF-1), putative	0,5466	0,126
TcCLB.506173.200	retrotransposon hot spot protein (RHS, pseudogene), puta	0,5465	0,0005413
TcCLB.504213.40	hypothetical protein, conserved	0,5464	2,133E-07
TcCLB.506885.420	hypothetical protein	0,5464	0,0005274
TcCLB.505807.250	hypothetical protein, conserved	0,5463	0,00002315
TcCLB.508815.10	hypothetical protein, conserved	0,5462	0,00006738
TcCLB.506445.60	mitochondrial DNA topoisomerase II, putative	0,5461	1,01E-11
TcCLB.509117.10	ubiquitin-activating enzyme, putative	0,5461	0,00002009
TcCLB.510665.30	hypothetical protein, conserved	0,5459	0,00005269
TcCLB.510311.110	hypothetical protein, conserved	0,5456	1,235E-06
TcCLB.510029.40	DNA-directed RNA polymerase III subunit C11, putative (R	0,5456	0,0002103
TcCLB.511303.50	hypothetical protein, conserved	0,5454	0,0008894
TcCLB.506507.10	N-acetylglucosamine-6-phosphate deacetylase-like protei	0,5452	2,353E-08
TcCLB.506975.20	hypothetical protein, conserved	0,5445	0,00009021
TcCLB.503669.10	hypothetical protein, conserved	0,5443	3,095E-09
TcCLB.509721.70	hypothetical protein, conserved	0,5443	0,0001071
TcCLB.506529.470	hypothetical protein, conserved	0,5442	3,523E-12
TcCLB.510799.9	hypothetical protein, conserved	0,5442	0,0001272
TcCLB.506401.90	centrin, putative	0,544	2,134E-06
TcCLB.506529.524	hypothetical protein, conserved	0,5439	0,003796
TcCLB.510629.210	dispersed gene family protein 1 (DGF-1), putative	0,5439	0,1157
TcCLB.506963.70	hypothetical protein, conserved	0,5436	0,00003613
TcCLB.480561.10	trans-sialidase, putative	0,5435	0,00115
TcCLB.509109.114	mitochondrial carrier protein, putative	0,5434	0,00001214
TcCLB.510187.250	hypothetical protein, conserved	0,5434	0,0002297
TcCLB.508015.30	hypothetical protein	0,5434	0,008602
TcCLB.506631.10	hypothetical protein, conserved	0,5431	0,0001616
TcCLB.510531.70	hypothetical protein, conserved	0,543	0,002149
TcCLB.510357.90	hypothetical protein, conserved	0,5429	0,0004156
TcCLB.507037.40	hypothetical protein, conserved (pseudogene)	0,5428	7,392E-10
TcCLB.506859.249	hypothetical protein, conserved	0,5426	0,0004929

TcCLB.506315.50	60S ribosomal protein L13a, putative	0,5425	5,58E-12
TcCLB.510359.30	hypothetical protein, conserved	0,5424	0,00007014
TcCLB.509999.130	hypothetical protein, conserved	0,5423	1,903E-07
TcCLB.509011.60	hypothetical protein, conserved	0,5423	3,548E-07
TcCLB.503931.46	hypothetical protein, conserved (pseudogene)	0,5421	0,02628
TcCLB.506595.65	hypothetical protein	0,542	0,001179
TcCLB.507907.60	retrotransposon hot spot (RHS) protein, putative	0,542	0,002744
TcCLB.509429.320	cysteine peptidase, putative	0,5419	2,073E-14
TcCLB.511283.140	hypothetical protein, conserved	0,5419	1,053E-10
TcCLB.510609.20	hypothetical protein, conserved	0,5416	5,316E-08
TcCLB.508425.20	tryptophanyl-tRNA synthetase (pseudogene), putative	0,5415	0,0009084
TcCLB.507519.164	hypothetical protein, conserved	0,5414	0,001123
TcCLB.503995.40	hypothetical protein, conserved	0,5413	0,0006351
TcCLB.509395.90	hypothetical protein, conserved	0,5412	0,0006855
TcCLB.506953.30	protein kinase, putative	0,541	0,0001282
TcCLB.506529.595	hypothetical protein	0,5408	0,00000177
TcCLB.509765.30	retrotransposon hot spot protein (RHS, pseudogene), puta	0,5408	0,0003182
TcCLB.506513.130	kinesin (pseudogene), putative	0,5407	3,043E-10
TcCLB.509561.70	hypothetical protein, conserved	0,5405	1,052E-08
TcCLB.507591.15	trans-sialidase (pseudogene), putative	0,5404	0,0001425
TcCLB.436535.19	Glucose-6-phosphate dehydrogenase, putative	0,5402	0,04207
TcCLB.503465.49	mitochondrial processing peptidase, beta subunit, putativ	0,5401	0,00002366
TcCLB.510747.90	hypothetical protein	0,5399	0,00000105
TcCLB.511649.120	hypothetical protein, conserved	0,5399	3,916E-06
TcCLB.510121.180	hypothetical protein, conserved	0,5398	6,352E-06
TcCLB.511585.20	KREL1	0,5397	5,207E-09
TcCLB.509259.80	hypothetical protein, conserved (pseudogene)	0,5396	0,00003569
TcCLB.506337.4	short-chain dehydrogenase, putative (fragment)	0,5395	0,0003209
TcCLB.509181.9	dispersed gene family protein 1 (DGF-1), putative	0,5393	0,1169
TcCLB.511589.130	14-3-3 protein 1, putative (14-3-3-I)	0,5392	2,904E-09
TcCLB.509719.69	hypothetical protein, conserved	0,5392	0,0000192
TcCLB.504253.10	hypothetical protein, conserved	0,5385	1,701E-08
TcCLB.509215.10	DNA polymerase delta catalytic subunit, putative	0,5383	3,349E-11
TcCLB.504427.80	hypothetical protein, conserved	0,5383	0,00003954
TcCLB.511727.220	hypothetical protein, conserved	0,5382	3,087E-06
TcCLB.506439.9	myosin heavy chain, putative	0,5381	0,00005959
TcCLB.511393.88	hypothetical protein, conserved (fragment)	0,5377	1,244E-07
TcCLB.508409.60	hypothetical protein, conserved	0,5376	2,52E-07
TcCLB.504033.160	hypothetical protein	0,5376	0,00000405
TcCLB.504055.100	retrotransposon hot spot protein (RHS, pseudogene), puta	0,5374	0,0587
TcCLB.507897.40	acetyl-CoA carboxylase, putative	0,5372	2,838E-07
TcCLB.506617.90	ATP-dependent Clp protease subunit, heat shock protein 1	0,5368	0,00002169
TcCLB.506925.100	hypothetical protein, conserved	0,5367	0,00007925
TcCLB.508065.50	phosphatidylinositol-4-phosphate 5-kinase-like protein, pu	0,5365	8,087E-09
TcCLB.507997.50	hypothetical protein, conserved	0,5362	0,00002824

TcCLB.507679.20	retrotransposon hot spot protein (RHS, pseudogene), puta	0,5362	0,06588
TcCLB.508207.120	hypothetical protein, conserved	0,5361	0,009435
TcCLB.509039.20	bystin, putative	0,5357	6,714E-10
TcCLB.511799.9	hypothetical protein, conserved (fragment)	0,5355	4,572E-08
TcCLB.510303.200	glucosamine-fructose-6-phosphate aminotransferase, put	0,5354	0,00002199
TcCLB.505333.10	N-acetyltransferase complex ARD1 subunit (pseudogene),	0,5353	0,04683
TcCLB.510105.184	hypothetical protein, conserved	0,5352	0,0006476
TcCLB.510515.139	T-complex protein 1, gamma subunit, putative	0,5351	9,549E-06
TcCLB.511819.50	hypothetical protein, conserved	0,535	1,726E-10
TcCLB.508501.260	hypothetical protein, conserved	0,5348	6,021E-06
TcCLB.511661.40	signal peptidase type I, putative	0,5348	0,001133
TcCLB.505047.19	trans-sialidase (pseudogene), putative	0,5348	0,1679
TcCLB.508999.40	hypothetical protein, conserved	0,5345	7,818E-06
TcCLB.476125.9	dispersed gene family protein 1 (DGF-1), putative	0,5344	0,02276
TcCLB.508411.30	hypothetical protein, conserved	0,5343	1,563E-08
TcCLB.511367.360	elongation factor 1-alpha, putative	0,5341	1,461E-16
TcCLB.503405.10	glutamine synthetase, putative	0,5339	1,463E-09
TcCLB.508547.40	hypothetical protein, conserved	0,5339	0,0002204
TcCLB.507093.250	RNA-binding protein, putative	0,5336	3,329E-11
TcCLB.506211.200	metallo-peptidase, Clan MG, Family M24	0,5336	3,882E-11
TcCLB.510255.10	hypothetical protein, conserved	0,5336	0,00007607
TcCLB.504149.40	tatD related deoxyribonuclease, putative	0,5334	4,071E-11
TcCLB.511739.10	hypothetical protein, conserved	0,5334	2,572E-06
TcCLB.509409.10	protein kinase, putative	0,5334	0,0000208
TcCLB.509391.30	flagellar calcium-binding protein, putative	0,5334	0,2665
TcCLB.511141.20	choline dehydrogenase, putative	0,5332	3,434E-12
TcCLB.504055.60	hypothetical protein, conserved	0,5332	0,0003554
TcCLB.503899.20	40S ribosomal protein S16, putative	0,5331	5,166E-12
TcCLB.503437.21	N-acetyltransferase complex ARD1 subunit (pseudogene),	0,5331	0,1398
TcCLB.510301.70	hypothetical protein, conserved	0,533	4,962E-08
TcCLB.511817.30	hypothetical protein, conserved	0,5329	0,0003012
TcCLB.506605.30	hypothetical protein, conserved	0,5326	0,00006009
TcCLB.506147.220	hypothetical protein, conserved	0,5325	8,172E-08
TcCLB.503575.27	hypothetical protein, conserved	0,5325	2,396E-07
TcCLB.511365.80	mitochondrial carrier protein, putative	0,5325	9,603E-06
TcCLB.506779.70	hypothetical protein, conserved	0,5323	0,00004566
TcCLB.508351.20	hypothetical protein, conserved	0,5321	0,003672
TcCLB.506573.30	tyrosyl or methionyl-tRNA synthetase, putative	0,5319	0,0001093
TcCLB.506147.30	synaptojanin (N-terminal domain), putative	0,5315	1,421E-08
TcCLB.507093.229	U-rich RNA-binding protein UBP-2	0,5315	2,596E-08
TcCLB.508337.10	hypothetical protein, conserved (fragment)	0,5315	7,999E-07
TcCLB.507061.40	hypothetical protein, conserved (pseudogene)	0,5314	2,924E-07
TcCLB.511763.19	hypothetical protein, conserved	0,5313	0,00011
TcCLB.506957.46	hypothetical protein, conserved	0,5312	0,0001443
TcCLB.506537.260	protein kinase, putative	0,5311	0,08092

TcCLB.508221.64	syntaxin binding protein (pseudogene), putative	0,5311	0,08786
TcCLB.506127.170	eukaryotic translation initiation factor eIF-4E, putative	0,5308	2,457E-08
TcCLB.505123.10	hypothetical protein, conserved	0,5308	0,007387
TcCLB.503431.109	nucleoporin interacting component (NUP93), putative	0,5304	0,02568
TcCLB.511419.40	phosphoglycerate kinase, putative	0,5303	7,1E-08
TcCLB.508503.90	hypothetical protein, conserved	0,5303	0,00001218
TcCLB.508153.330	vacuolar protein sorting-associated protein 4, putative (VF	0,5301	9,969E-12
TcCLB.511731.80	hypothetical protein, conserved	0,5301	3,909E-06
TcCLB.508501.190	hypothetical protein, conserved	0,5301	0,0004738
TcCLB.510643.50	retrotransposon hot spot protein (RHS, pseudogene), puta	0,5299	1,904E-06
TcCLB.509281.30	hypothetical protein	0,5299	0,0007822
TcCLB.505071.40	hypothetical protein	0,5296	0,000205
TcCLB.511063.180	trans-sialidase (pseudogene), putative	0,5296	0,03645
TcCLB.506201.170	flagellar attachment zone protein, putative (FAZ1)	0,5294	2,673E-09
TcCLB.510149.70	hypothetical protein, conserved	0,5293	1,638E-08
TcCLB.508669.30	hypothetical protein	0,5292	4,459E-06
TcCLB.508895.30	Sarcalumenin, putative	0,5291	1,618E-10
TcCLB.507527.10	hypothetical protein, conserved	0,5291	1,709E-06
TcCLB.509767.50	hypothetical protein, conserved	0,5287	7,51E-07
TcCLB.506251.120	hypothetical protein, conserved	0,5283	0,001606
TcCLB.425311.9	hypothetical protein, conserved (fragment)	0,5282	2,161E-06
TcCLB.509023.120	ubiquitin carboxyl-terminal hydrolase, putative	0,5281	2,18E-07
TcCLB.506435.150	hypothetical protein, conserved	0,5281	2,378E-07
TcCLB.506155.50	vacuolar protein sorting-associated protein-like, putative	0,5279	0,00002367
TcCLB.503971.20	hypothetical protein, conserved	0,5279	0,00005669
TcCLB.509349.20	retrotransposon hot spot (RHS) protein, putative	0,5273	3,381E-07
TcCLB.508319.60	hypothetical protein, conserved	0,5272	6,34E-08
TcCLB.508693.150	hypothetical protein, conserved	0,5272	0,00007226
TcCLB.510785.15	hypothetical protein, conserved	0,527	0,01327
TcCLB.511815.160	hypothetical protein, conserved	0,5268	2,191E-09
TcCLB.508911.10	hypothetical protein, conserved	0,5267	4,013E-10
TcCLB.504231.5	hypothetical protein, conserved (pseudogene)	0,5261	0,01637
TcCLB.509855.20	Probable methyltransferase BTM2 homolog	0,5258	5,214E-07
TcCLB.508741.350	hypothetical protein, conserved	0,5258	5,24E-07
TcCLB.508459.18	phosphatidylserine decarboxylase, putative	0,5258	0,04916
TcCLB.511707.39	hypothetical protein, conserved	0,5257	9,895E-09
TcCLB.508231.170	hypothetical protein, conserved	0,5256	5,796E-08
TcCLB.508169.9	elongation factor 2, putative (fragment)	0,5255	1,407E-08
TcCLB.510713.70	retrotransposon hot spot protein (RHS, pseudogene), puta	0,5255	0,0002278
TcCLB.509551.64	small nuclear ribonucleoprotein Sm-F, putative	0,5255	0,009183
TcCLB.508411.90	tfiih basal transcription factor complex helicase xpb subur	0,5254	4,857E-10
TcCLB.508181.140	inorganic pyrophosphatase, putative	0,5253	0,00003951
TcCLB.508781.60	hypothetical protein, conserved	0,5253	0,00005627
TcCLB.511717.200	hypothetical protein, conserved	0,5252	0,00001325
TcCLB.503823.120	hypothetical protein, conserved	0,5252	0,0002432

TcCLB.506529.590	hypothetical protein, conserved	0,5251	0,00006754
TcCLB.509921.60	dispersed gene family protein 1 (DGF-1), putative	0,525	0,02135
TcCLB.507773.30	RNA editing complex protein MP46, putative	0,5249	0,00006239
TcCLB.511491.110	rab6 GTPase activating protein, putative	0,5249	0,0001205
TcCLB.503749.20	hypothetical protein	0,5248	3,154E-06
TcCLB.509891.10	hypothetical protein, conserved	0,5248	0,0003273
TcCLB.508573.39	dispersed gene family protein 1 (DGF-1), putative	0,5247	0,002434
TcCLB.509753.290	hypothetical protein, conserved (pseudogene)	0,5246	0,05029
TcCLB.508285.20	hypothetical protein, conserved (pseudogene)	0,5245	0,0006055
TcCLB.506245.110	dispersed gene family protein 1 (DGF-1, pseudogene), putative	0,5245	0,1321
TcCLB.508461.370	hypothetical protein, conserved	0,5244	3,339E-06
TcCLB.511567.20	retrotransposon hot spot protein (RHS, pseudogene), putative	0,5244	0,005309
TcCLB.506051.30	dispersed gene family protein 1 (DGF-1), putative	0,5242	0,0624
TcCLB.509167.100	valyl-tRNA synthetase, putative	0,5241	7,99E-14
TcCLB.507803.40	hypothetical protein	0,524	1,465E-08
TcCLB.506147.130	hypothetical protein, conserved	0,5238	0,0139
TcCLB.509027.20	ankyrin repeat protein, putative	0,5237	0,0002568
TcCLB.509303.10	retrotransposon hot spot protein (RHS, pseudogene), putative	0,5236	0,002192
TcCLB.504431.64	high mobility group protein, putative	0,5235	2,082E-06
TcCLB.506743.100	hypothetical protein, conserved	0,5231	0,024
TcCLB.509393.30	hypothetical protein, conserved	0,523	4,436E-07
TcCLB.503593.10	eukaryotic translation initiation factor eIF-4E, putative	0,523	1,326E-06
TcCLB.510101.380	hypothetical protein, conserved	0,5229	7,939E-06
TcCLB.447705.9	hypothetical protein, conserved	0,5229	0,0232
TcCLB.506999.140	hypothetical protein, conserved	0,5227	1,29E-08
TcCLB.507841.34	exosome-associated protein 4, putative	0,5227	0,0003426
TcCLB.508831.100	hypothetical protein, conserved	0,5226	0,00000342
TcCLB.510901.10	hypothetical protein, conserved	0,5225	0,00001301
TcCLB.508347.159	microtubule-associated protein, putative, (fragment) (GB)	0,5224	0,00004088
TcCLB.504013.90	hypothetical protein, conserved	0,5223	2,306E-09
TcCLB.510533.130	hypothetical protein, conserved	0,5223	1,939E-06
TcCLB.507507.10	hypothetical protein, conserved	0,5223	6,039E-06
TcCLB.511817.50	hypothetical protein, conserved	0,5223	0,00002013
TcCLB.504081.344	elongation factor 1-gamma (EF-1-gamma, pseudogene), putative	0,5223	0,2393
TcCLB.420293.40	beta galactofuranosyl glycosyltransferase (pseudogene), putative	0,5222	0,002853
TcCLB.511827.120	retrotransposon hot spot protein (RHS, pseudogene), putative	0,5215	9,006E-09
TcCLB.504119.10	eukaryotic translation initiation factor 5, putative	0,5214	1,432E-09
TcCLB.510435.10	hypothetical protein, conserved	0,5214	0,0007177
TcCLB.506367.20	hypothetical protein, conserved	0,5213	1,647E-07
TcCLB.511671.70	glucosamine 6-phosphate n-acetyltransferase, putative	0,5212	0,000685
TcCLB.511903.45	tuzin-like (pseudogene), putative	0,5211	0,00004511
TcCLB.511277.600	UDP-galactopyranose mutase (GLF)	0,521	1,406E-08
TcCLB.510659.230	hypothetical protein, conserved	0,521	0,0002053
TcCLB.506795.90	hypothetical protein, conserved	0,5209	4,671E-09
TcCLB.510897.6	Dynein light chain LC6, flagellar outer arm, putative	0,5208	0,00004695

TcCLB.511219.60	retrotransposon hot spot protein (RHS, pseudogene), puta	0,5208	0,0002086
TcCLB.508969.30	retrotransposon hot spot protein (RHS, pseudogene), puta	0,5208	0,003751
TcCLB.511889.40	dispersed gene family protein 1 (DGF-1), putative	0,5207	0,001127
TcCLB.503657.20	hypothetical protein, conserved	0,5205	0,000156
TcCLB.507031.120	metallo- peptidase, Clan MG, Family M24	0,5203	9,592E-07
TcCLB.508921.10	hypothetical protein, conserved	0,5203	0,0002684
TcCLB.511051.70	aminopeptidase, putative	0,5201	0,00000182
TcCLB.505365.20	retrotransposon hot spot protein (RHS, pseudogene), puta	0,52	0,00003879
TcCLB.508905.30	hypothetical protein, conserved (pseudogene)	0,5199	0,00001478
TcCLB.507485.90	Wee1-like protein kinase, putative	0,5198	2,066E-07
TcCLB.507033.29	extracellular receptor, putative (fragment)	0,5198	0,00001398
TcCLB.508877.30	retrotransposon hot spot protein (RHS, pseudogene), puta	0,5197	0,02476
TcCLB.479253.9	hypothetical protein, conserved (fragment)	0,5196	0,001925
TcCLB.508973.20	hypothetical protein, conserved	0,5195	1,007E-06
TcCLB.511827.115	hypothetical protein	0,5195	0,002336
TcCLB.468005.9	pumilio/PUF RNA binding protein 3, putative (PUF3)	0,5193	6,298E-08
TcCLB.503613.20	proteasome alpha 7 subunit, putative	0,5192	6,973E-06
TcCLB.509051.50	hypothetical protein, conserved	0,5191	4,429E-06
TcCLB.509885.70	transporter, putative	0,519	3,152E-07
TcCLB.507063.110	hypothetical protein, conserved	0,5189	4,339E-10
TcCLB.503653.9	hypothetical protein, conserved	0,5189	0,0126
TcCLB.507769.40	GTP-binding protein, putative	0,5188	7,312E-07
TcCLB.508331.80	dispersed gene family protein 1 (DGF-1, pseudogene), put	0,5188	0,01051
TcCLB.506459.290	elongation factor 1-gamma (EF-1-gamma, pseudogene),	0,5187	1,944E-08
TcCLB.510665.10	hypothetical protein, conserved	0,5186	4,185E-07
TcCLB.509157.60	1-acyl-sn-glycerol-3-phosphate acyltransferase, putative	0,5186	3,445E-06
TcCLB.507391.20	hypothetical protein, conserved (pseudogene)	0,5185	6,565E-07
TcCLB.505051.10	hypothetical protein, conserved	0,5184	1,72E-19
TcCLB.507777.30	retrotransposon hot spot protein (RHS, pseudogene), puta	0,5184	2,477E-06
TcCLB.509055.54	hypothetical protein, conserved	0,5184	0,004915
TcCLB.510657.80	hypothetical protein, conserved	0,5183	4,196E-07
TcCLB.510747.80	Double RNA binding domain protein 9 (DRBD9)	0,5182	2,787E-06
TcCLB.511589.50	cyclophilin-like protein, putative	0,5182	0,00002713
TcCLB.506351.30	hypothetical protein, conserved	0,5181	0,00003244
TcCLB.508241.30	hypothetical protein, conserved	0,518	2,276E-07
TcCLB.506431.20	retrotransposon hot spot protein (RHS, pseudogene), puta	0,5179	0,00002344
TcCLB.510271.20	dispersed gene family protein 1 (DGF-1, pseudogene), put	0,5177	0,01052
TcCLB.507087.60	hypothetical protein, conserved	0,5176	0,00001281
TcCLB.511747.30	hypothetical protein, conserved	0,5176	0,001348
TcCLB.506239.40	hypothetical protein, conserved	0,5174	0,0006724
TcCLB.503625.20	hypothetical protein	0,5174	0,008299
TcCLB.508153.620	hypothetical protein, conserved	0,5169	0,00004991
TcCLB.430605.29	40S ribosomal protein S3, putative	0,5168	1,247E-09
TcCLB.511277.10	DNA-directed RNA polymerase I subunit RPB5z, putative (	0,5167	0,0001166
TcCLB.504175.9	hypothetical protein, conserved	0,5166	2,105E-08

TcCLB.507677.90	hypothetical protein, conserved	0,5166	4,464E-06
TcCLB.506401.50	malonyl-CoA decarboxylase, mitochondrial precursor, putative	0,5165	5,239E-08
TcCLB.508175.50	hypothetical protein, conserved	0,5164	4,044E-08
TcCLB.504109.10	hypothetical protein, conserved	0,5164	6,068E-08
TcCLB.504427.90	ribosomal RNA methyltransferase, putative	0,5164	0,00002247
TcCLB.509967.30	aspartyl-tRNA synthetase, putative	0,5163	9,961E-06
TcCLB.504065.50	trans-sialidase (pseudogene), putative	0,5162	2,133E-08
TcCLB.509719.26	hypothetical protein, conserved	0,5158	1,685E-07
TcCLB.505939.20	oligopeptidase B-like protein, putative	0,5157	2,746E-10
TcCLB.507093.140	hypothetical protein, conserved	0,5154	5,134E-06
TcCLB.507049.140	hypothetical protein, conserved	0,5153	1,52E-08
TcCLB.507081.60	helicase-like protein, putative	0,5152	1,207E-09
TcCLB.503563.10	calcium-translocating P-type ATPase, putative	0,5151	0,00003529
TcCLB.509109.80	hypothetical protein, conserved	0,515	2,884E-12
TcCLB.467287.10	alpha-tubulin N-acetyltransferase, putative	0,5148	0,0001626
TcCLB.506637.80	hypothetical protein	0,5147	1,541E-06
TcCLB.503917.21	hypothetical protein, conserved	0,5146	0,00004506
TcCLB.511337.39	hypothetical protein, conserved	0,5143	0,0009407
TcCLB.510283.110	hypothetical protein, conserved	0,514	0,001212
TcCLB.503619.25	hypothetical protein, conserved	0,514	0,003821
TcCLB.508465.30	hypothetical protein, conserved	0,5139	4,293E-07
TcCLB.503529.30	hypothetical protein, conserved	0,5138	0,0003118
TcCLB.509671.20	hypothetical protein, conserved	0,5137	0,00001186
TcCLB.509165.30	AGP2beta-2, putative	0,5135	3,469E-08
TcCLB.509581.5	retrotransposon hot spot (RHS) protein, putative (fragment)	0,5135	0,006177
TcCLB.508397.70	transporter, putative	0,5133	0,000478
TcCLB.511103.9	dispersed gene family protein 1 (DGF-1), putative (fragment)	0,5132	0,2584
TcCLB.503453.10	hypothetical protein, conserved	0,5131	2,728E-06
TcCLB.506127.20	Nuclear RNA export factor (MEX67)	0,513	9,285E-07
TcCLB.507007.74	small nuclear ribonucleoprotein Sm-F, putative	0,5127	0,01969
TcCLB.510761.10	mismatch repair protein PMS1, putative	0,5126	1,413E-09
TcCLB.509099.140	hypothetical protein, conserved	0,5126	0,000382
TcCLB.509179.120	hypothetical protein, conserved	0,5124	0,00326
TcCLB.509733.190	hypothetical protein, conserved	0,5123	0,0000102
TcCLB.510857.10	hypothetical protein, conserved	0,5122	3,411E-07
TcCLB.511065.36	hypothetical protein, conserved	0,5121	1,936E-08
TcCLB.506467.14	hypothetical protein, conserved	0,5121	0,0009187
TcCLB.510943.80	ABC transporter, putative	0,5118	1,805E-10
TcCLB.509791.20	hypothetical protein, conserved	0,5118	1,306E-06
TcCLB.511907.100	hypothetical protein, conserved	0,5116	0,0000024
TcCLB.504801.10	beta galactofuranosyl glycosyltransferase (pseudogene), putative	0,5115	0,02145
TcCLB.510889.261	cruzipain precursor, putative	0,5112	0,0005866
TcCLB.508555.60	Calpain-like protein 1 (CAP5.5)	0,5109	1,351E-06
TcCLB.508899.140	hypothetical protein	0,5108	0,00008276
TcCLB.510173.30	hypothetical protein, conserved	0,5107	0,0009015



TcCLB.507001.14	Present in the outer mitochondrial membrane proteome	0,5107	0,00175
TcCLB.506311.30	hypothetical protein, conserved	0,5105	8,116E-06
TcCLB.511889.11	trans-sialidase (pseudogene), putative	0,51	3,896E-06
TcCLB.503855.50	hypothetical protein, conserved	0,5097	2,331E-10
TcCLB.506673.30	hypothetical protein, conserved	0,5096	0,0004402
TcCLB.507603.30	PITH domain-containing protein	0,5095	0,002321
TcCLB.509959.10	retrotransposon hot spot protein (RHS, pseudogene), puta	0,5094	0,03302
TcCLB.511859.170	NADH-cytochrome b5 reductase, putative	0,5091	4,435E-06
TcCLB.507801.144	hypothetical protein, conserved	0,5089	0,001863
TcCLB.509915.80	hypothetical protein, conserved (pseudogene)	0,5089	0,005486
TcCLB.510543.130	ATP-dependent DEAD/H RNA helicase (pseudogene), puta	0,5089	0,1206
TcCLB.503687.49	hypothetical protein, conserved	0,5088	0,00004599
TcCLB.511473.10	retrotransposon hot spot protein (RHS, pseudogene), puta	0,5088	0,00007008
TcCLB.508899.100	hypothetical protein, conserved	0,5088	0,0005922
TcCLB.505939.89	5'-3' exoribonuclease A, putative (fragment) (XRNA)	0,5086	0,00002088
TcCLB.508851.200	hypothetical protein, conserved	0,5086	0,0002629
TcCLB.506885.360	hypothetical protein, conserved	0,5082	1,986E-06
TcCLB.508413.5	hypothetical protein, conserved	0,508	0,01149
TcCLB.508441.80	Mitochondrial-processing peptidase subunit alpha (MPPA)	0,5079	3,796E-10
TcCLB.511003.170	hypothetical protein, conserved	0,5075	0,0002857
TcCLB.511771.60	hypothetical protein	0,5075	0,2335
TcCLB.506811.90	hypothetical protein, conserved	0,5073	4,45E-07
TcCLB.506123.10	major vault protein, putative	0,5072	0,00001706
TcCLB.506401.210	hypothetical protein, conserved	0,5072	0,00009232
TcCLB.511665.21	trans-sialidase (pseudogene), putative	0,5071	0,0002627
TcCLB.510889.120	alanine aminotransferase, putative	0,507	3,433E-09
TcCLB.509033.40	hypothetical protein, conserved	0,507	4,374E-06
TcCLB.430895.4	hypothetical protein, conserved	0,5068	0,2188
TcCLB.509733.20	hypothetical protein	0,5067	0,009279
TcCLB.507837.50	40S ribosomal protein S11, putative	0,5067	0,08013
TcCLB.506737.40	hypothetical protein, conserved	0,5066	1,616E-07
TcCLB.508461.520	hypothetical protein, conserved	0,5065	5,313E-12
TcCLB.508211.70	hypothetical protein, conserved	0,5065	3,444E-06
TcCLB.511761.10	UDP-sugar pyrophosphorylase (Sloppy)	0,5065	0,00001067
TcCLB.507227.9	hypothetical protein, conserved (fragment)	0,5064	7,956E-07
TcCLB.508139.230	retrotransposon hot spot protein (RHS, pseudogene), puta	0,5062	8,102E-06
TcCLB.509901.150	hypothetical protein, conserved	0,5062	0,002126
TcCLB.508625.10	elongation factor 2, putative	0,506	8,449E-08
TcCLB.510187.120	hypothetical protein, conserved	0,506	0,0001013
TcCLB.510689.60	Double RNA binding domain protein 7 (DRBD7)	0,5059	5,689E-06
TcCLB.509693.20	plectin, putative	0,5058	1,072E-08
TcCLB.508695.10	hypothetical protein, conserved	0,5058	0,005551
TcCLB.508805.20	hypothetical protein, conserved	0,5055	7,487E-09
TcCLB.504343.30	retrotransposon hot spot (RHS) protein, putative	0,5054	0,0007919
TcCLB.507063.100	mitochondrial DNA polymerase beta-PAK, putative	0,5053	9,327E-07

TcCLB.511621.100	hypothetical protein, conserved	0,5052	0,00001038
TcCLB.511367.370	elongation factor 1-alpha, putative	0,505	5,899E-15
TcCLB.504169.10	dispersed gene family protein 1 (DGF-1), putative	0,5049	0,007297
TcCLB.507485.140	tuzin	0,5048	8,402E-07
TcCLB.510335.30	hypothetical protein, conserved (pseudogene)	0,5047	2,689E-08
TcCLB.508355.290	hypothetical protein, conserved	0,5047	0,0001065
TcCLB.511751.170	protein kinase, putative	0,5046	3,429E-10
TcCLB.507087.20	hypothetical protein	0,5046	0,00007196
TcCLB.506295.120	Trk system potassium uptake protein (HKT1)	0,5044	0,0001484
TcCLB.510749.60	hypothetical protein, conserved	0,5037	0,0000379
TcCLB.508413.20	hypothetical protein, conserved	0,5036	1,977E-06
TcCLB.507033.20	histone H3 variant, putative	0,5036	0,00005388
TcCLB.506391.50	polyubiquitin (pseudogene), putative	0,5035	0,00003698
TcCLB.509715.70	folylpolyglutamate synthase, putative (FPGS)	0,5035	0,0001332
TcCLB.509623.19	clathrin coat assembly protein ap19, putative (ClaATc)	0,5033	4,66E-17
TcCLB.511019.84	GDP-mannose 4,6 dehydratase, putative	0,5033	0,00002775
TcCLB.506831.70	glutamyl-tRNA synthetase, putative	0,5031	0,00000306
TcCLB.508519.20	retrotransposon hot spot protein (RHS, pseudogene), puta	0,5031	0,0000211
TcCLB.410589.10	AMP deaminase, putative	0,5029	0,002096
TcCLB.504163.40	fructose-bisphosphate aldolase, glycosomal, putative	0,5028	0,00002929
TcCLB.508397.40	succinate dehydrogenase subunit	0,5027	0,00006106
TcCLB.503929.30	hypothetical protein, conserved	0,5026	1,832E-07
TcCLB.506211.170	Multiprotein-bridging factor 1, putative (mbf1)	0,5026	8,424E-07
TcCLB.503457.4	hypothetical protein, conserved	0,5024	0,01761
TcCLB.510359.170	AAA ATPase, putative	0,5023	4,366E-11
TcCLB.416503.10	trans-sialidase (pseudogene), putative	0,5022	0,00001179
TcCLB.509601.160	hypothetical protein, conserved	0,5022	0,002229
TcCLB.509353.60	calmodulin, putative	0,5021	7,987E-09
TcCLB.506355.100	hexose transporter (pseudogene), putative	0,5019	0,0005053
TcCLB.503957.120	retrotransposon hot spot (RHS) protein, putative	0,5018	3,999E-06
TcCLB.504131.20	hypothetical protein, conserved	0,5016	1,594E-09
TcCLB.506699.40	katanin-like protein, putative	0,5016	0,0007567
TcCLB.506561.14	hypothetical protein, conserved	0,5015	0,001474
TcCLB.507011.60	structural maintenance of chromosome (SMC) family prot	0,5014	8,916E-09
TcCLB.504243.40	hypothetical protein, conserved	0,5012	5,905E-08
TcCLB.503539.10	hypothetical protein, conserved	0,5012	0,003432
TcCLB.508799.70	pumilio-repeat, RNA-binding protein, putative	0,5011	1,545E-07
TcCLB.511393.10	nonspecific lipid-transfer protein, putative	0,5011	3,962E-06
TcCLB.511277.290	aconitase, putative	0,5011	0,00001369
TcCLB.509661.10	retrotransposon hot spot protein (RHS, pseudogene), puta	0,5011	0,0003779
TcCLB.503909.44	hypothetical protein, conserved	0,501	0,00008051
TcCLB.504797.130	hypothetical protein, conserved	0,501	0,001184
TcCLB.417203.9	dispersed gene family protein 1 (DGF-1), putative	0,501	0,06147
TcCLB.508325.310	hypothetical protein, conserved	0,5007	0,008425
TcCLB.508183.10	ubiquinone biosynthesis protein COQ7 homolog, putative	0,5005	0,0003133

TcCLB.506525.150	hypothetical protein, conserved	0,5004	1,185E-08
TcCLB.510531.50	hypothetical protein, conserved	0,5002	1,698E-06
TcCLB.506937.20	hypothetical protein, conserved	0,5002	0,01569
TcCLB.508755.20	dispersed gene family protein 1 (DGF-1, pseudogene), put	0,5002	0,05031
TcCLB.508173.110	cysteine protease, putative	0,5	0,00006437
TcCLB.510003.41	clathrin coat assembly protein ap19, putative	0,4999	8,939E-17
TcCLB.508321.60	hypothetical protein, conserved	0,4996	5,15E-07
TcCLB.509965.220	hypothetical protein, conserved	0,4995	1,723E-07
TcCLB.506991.10	hypothetical protein, conserved	0,4994	0,00001058
TcCLB.506831.30	hypothetical protein, conserved	0,4993	0,0003021
TcCLB.511925.30	fucose kinase (pseudogene), putative	0,4992	5,477E-07
TcCLB.509767.100	hypothetical protein, conserved	0,4992	0,0005876
TcCLB.509745.20	glycosyl transferase-like, putative	0,499	0,00001979
TcCLB.506753.110	cytochrome b5-like protein, putative	0,4989	0,00007169
TcCLB.503909.68	hypothetical protein, conserved	0,4989	0,0003193
TcCLB.509317.80	succinate dehydrogenase subunit	0,4988	7,181E-06
TcCLB.506247.50	CCT-theta, putative	0,4987	1,962E-16
TcCLB.503583.60	hypothetical protein	0,4987	2,732E-07
TcCLB.508781.120	hypothetical protein, conserved	0,4984	0,0002857
TcCLB.503893.100	hypothetical protein, conserved	0,498	0,0135
TcCLB.509805.260	dispersed gene family protein 1 (DGF-1, pseudogene), put	0,4979	0,001307
TcCLB.511507.50	mannosyltransferase, putative	0,4978	0,00002658
TcCLB.506905.30	hypothetical protein, conserved	0,4978	0,00006384
TcCLB.508015.50	hypothetical protein, conserved	0,4975	0,00006469
TcCLB.510877.10	antigenic protein, putative	0,4975	0,0002625
TcCLB.508389.154	mucin-associated surface protein (MASP), putative	0,4974	0,06885
TcCLB.509569.140	hypothetical protein, conserved	0,4971	3,743E-06
TcCLB.506697.80	Present in the outer mitochondrial membrane proteome 2	0,4969	0,0002224
TcCLB.506235.10	translation initiation factor IF-2, putative	0,4967	7,475E-11
TcCLB.426799.19	serine/threonine protein kinase, putative	0,4967	0,005218
TcCLB.511167.90	14-3-3 protein 2, putative (14-3-3-II)	0,4964	2,659E-07
TcCLB.508741.100	hypothetical protein, conserved	0,4962	6,353E-06
TcCLB.506183.20	dispersed gene family protein 1 (DGF-1), putative	0,496	0,009356
TcCLB.510283.140	UDP-N-acetylglucosamine-dolichyl-phosphate N-acetylglu	0,4959	1,799E-06
TcCLB.511627.70	hypothetical protein, conserved	0,4959	0,0004486
TcCLB.509207.80	glycogen synthase kinase-3 alpha, putative	0,4958	0,0000311
TcCLB.510849.30	hypothetical protein, conserved (pseudogene)	0,4957	0,0002085
TcCLB.507031.64	hypothetical protein, conserved	0,4957	0,0003417
TcCLB.508579.4	hypothetical protein, conserved	0,4957	0,00371
TcCLB.509153.130	hypothetical protein	0,4955	4,568E-07
TcCLB.508469.59	helicase, putative	0,4954	0,00001114
TcCLB.508737.150	mitochondrial carrier protein, putative	0,4953	8,765E-09
TcCLB.510889.140	alanine aminotransferase, putative	0,4953	5,459E-07
TcCLB.508891.130	hypothetical protein, conserved	0,4952	8,956E-08
TcCLB.479847.20	retrotransposon hot spot (RHS) protein, putative	0,4952	0,05132

TcCLB.510149.140	Triple RNA binding domain protein 3 (TRRM3)	0,4951	4,328E-07
TcCLB.511837.129	RNA-binding protein, putative	0,4951	0,00001878
TcCLB.511819.59	dynein heavy chain, cytosolic, putative	0,4951	0,00002302
TcCLB.506257.10	DNA/RNA non-specific endonuclease protein-like, putative	0,495	0,001067
TcCLB.508577.50	hypothetical protein	0,4948	0,004043
TcCLB.503973.271	surface protease GP63 (pseudogene), putative	0,4947	0,04585
TcCLB.511303.100	hypothetical protein	0,4946	0,0001007
TcCLB.509809.39	P-type H -ATPase, putative	0,4945	1,74E-10
TcCLB.509331.90	AMPK subunit beta, putative (AMPKB)	0,4945	3,108E-06
TcCLB.510515.130	S-adenosyl-methyltransferase mraW-like protein, putative	0,4945	4,498E-06
TcCLB.508231.64	hypothetical protein, conserved	0,4945	0,0006399
TcCLB.508971.30	lysyl-tRNA synthetase, putative	0,4944	3,831E-12
TcCLB.506297.150	40S ribosomal protein S5, putative	0,4944	4,859E-09
TcCLB.510543.80	hypothetical protein	0,4943	0,04102
TcCLB.509825.40	hypothetical protein, conserved	0,494	1,415E-07
TcCLB.506795.40	phosphatidylserine synthase, putative	0,494	0,00003577
TcCLB.509537.60	meiosis recombination protein SPO11, putative	0,4939	2,239E-06
TcCLB.503973.260	syntaxin binding protein (pseudogene), putative	0,4939	0,1465
TcCLB.511025.50	glucosamine-6-phosphate isomerase, putative	0,4938	1,463E-09
TcCLB.506559.320	hypothetical protein, conserved	0,4937	0,0004178
TcCLB.511317.30	regulator of nonsense transcripts UPF1, putative	0,4936	7,917E-11
TcCLB.509023.50	kinesin, putative	0,4935	2,897E-07
TcCLB.509905.20	retrotransposon hot spot protein (RHS, pseudogene), puta	0,4935	0,005554
TcCLB.510997.20	hypothetical protein, conserved	0,4934	0,0001856
TcCLB.508241.80	hypothetical protein, conserved	0,4933	0,00008693
TcCLB.503509.10	hypothetical protein, conserved	0,4932	1,396E-11
TcCLB.509245.20	hypothetical protein, conserved	0,493	0,01523
TcCLB.509055.50	hypothetical protein, conserved	0,4927	0,00008245
TcCLB.507053.180	hypothetical protein, conserved	0,4926	2,509E-13
TcCLB.506595.140	hypothetical protein	0,4926	0,001593
TcCLB.511179.60	hypothetical protein, conserved	0,4922	0,1498
TcCLB.506387.9	chaperone DNAJ protein, putative	0,492	0,01039
TcCLB.509179.180	zinc-finger protein ZPR1, putative	0,4918	5,516E-06
TcCLB.509157.270	hypothetical protein, conserved	0,4918	0,0002524
TcCLB.510533.20	hypothetical protein, conserved	0,4918	0,0004782
TcCLB.491081.10	retrotransposon hot spot protein (RHS, pseudogene), puta	0,4916	0,005433
TcCLB.510057.10	hypothetical protein, conserved	0,4913	0,03606
TcCLB.510851.50	hypothetical protein, conserved (pseudogene)	0,4911	9,464E-06
TcCLB.506733.120	hypothetical protein, conserved	0,4911	0,00003992
TcCLB.509999.20	hypothetical protein, conserved	0,4909	0,0001367
TcCLB.503957.90	dispersed gene family protein 1 (DGF-1, pseudogene), put	0,4909	0,01872
TcCLB.510165.54	hypothetical protein, conserved	0,4908	0,0002423
TcCLB.508375.30	aspartate carbamoyltransferase, putative	0,4907	5,962E-06
TcCLB.510317.40	hypothetical protein, conserved	0,4906	0,00001274
TcCLB.511751.160	hypothetical protein, conserved	0,4905	0,002374

TcCLB.503829.40	hypothetical protein, conserved	0,4904	1,143E-07
TcCLB.511907.230	hypothetical protein, conserved	0,4904	8,174E-06
TcCLB.510225.30	hypothetical protein, conserved	0,4904	0,00001248
TcCLB.504021.70	hypothetical protein, conserved	0,4904	0,00005388
TcCLB.507765.60	40S ribosomal protein S21, putative	0,4902	2,397E-11
TcCLB.509023.110	ATP-dependent protease ATPase subunit HslU2 (HslU2)	0,49	3,139E-08
TcCLB.510859.24	hypothetical protein, conserved	0,4898	1,592E-07
TcCLB.510903.60	prenyltransferase, putative	0,4896	0,0001282
TcCLB.506401.180	hypothetical protein, conserved	0,4893	3,141E-09
TcCLB.509793.10	kinetoplast-associated protein 4 (KAP4)	0,4892	0,0005852
TcCLB.510289.99	hypothetical protein, conserved	0,489	0,00126
TcCLB.509149.30	hypothetical protein, conserved	0,4889	1,368E-08
TcCLB.511259.161	elongation factor 1-gamma (EF-1-gamma, pseudogene),	0,4889	0,1799
TcCLB.511727.250	hypothetical protein, conserved	0,4888	4,98E-09
TcCLB.508589.30	retrotransposon hot spot (RHS) protein, putative	0,4887	1,203E-06
TcCLB.505267.30	beta galactofuranosyl glycosyltransferase, putative	0,4887	0,03834
TcCLB.510357.130	hypothetical protein, conserved	0,4885	0,002565
TcCLB.509599.80	hypothetical protein, conserved	0,4884	0,00002631
TcCLB.511471.10	hypothetical protein, conserved (pseudogene)	0,4884	0,009855
TcCLB.509979.119	hypothetical protein, conserved	0,4881	0,001308
TcCLB.408437.29	hypothetical protein (fragment)	0,488	0,00000378
TcCLB.509995.20	hypothetical protein, conserved	0,4878	0,00000199
TcCLB.508551.30	hexose transporter, putative	0,4878	0,001031
TcCLB.503881.50	hypothetical protein, conserved	0,4878	0,02292
TcCLB.509611.160	proteasome regulatory non-ATPase subunit, putative	0,4874	3,568E-06
TcCLB.511439.50	zinc transporter, putative	0,4874	5,048E-06
TcCLB.506321.350	hypothetical protein, conserved	0,4874	0,0002581
TcCLB.507221.30	hypothetical protein, conserved	0,4874	0,003165
TcCLB.511029.20	kinetoplast-associated protein 3 (KAP3)	0,4873	0,0001882
TcCLB.509057.10	hypothetical protein, conserved	0,4871	0,009185
TcCLB.507787.140	hypothetical protein, conserved	0,487	0,00006973
TcCLB.506919.110	glycine dehydrogenase [decarboxylating] (pseudogene), p	0,4869	0,1586
TcCLB.507711.30	hypothetical protein, conserved	0,4867	0,0007795
TcCLB.506321.320	suppressive immunomodulating factor, putative (TSIF)	0,4866	1,449E-06
TcCLB.511121.20	hypothetical protein	0,4866	0,07237
TcCLB.511423.140	hypothetical protein, conserved	0,4865	5,823E-07
TcCLB.509491.20	hypothetical protein, conserved (pseudogene)	0,4864	0,00001829
TcCLB.507485.80	hypothetical protein, conserved	0,4864	0,003147
TcCLB.510741.20	hypothetical protein, conserved	0,4862	0,0001238
TcCLB.511381.60	hypothetical protein, conserved	0,4862	0,0004723
TcCLB.510697.70	elongation factor 1-gamma (EF-1-gamma, pseudogene),	0,4861	0,0003458
TcCLB.508831.60	Low-affinity phosphate transporter, putative (PHO91)	0,4858	1,197E-09
TcCLB.508547.20	pre-rRNA-processing protein tsr1 homolog	0,4858	1,834E-06
TcCLB.508307.80	mitochondrial RNA binding complex 1 subunit, putative	0,4857	2,277E-06
TcCLB.508771.55	hypothetical protein, conserved (pseudogene)	0,4855	0,001057

TcCLB.506247.360	hypothetical protein, conserved	0,4852	0,0001794
TcCLB.511469.60	Trk system potassium uptake protein (HKT1)	0,4851	0,00004059
TcCLB.508769.10	hypothetical protein, conserved (pseudogene)	0,4849	9,763E-06
TcCLB.506457.110	hypothetical protein, conserved	0,4849	0,00002867
TcCLB.507559.70	hypothetical protein, conserved	0,4849	0,00004589
TcCLB.503843.40	chaperone DNAJ protein, putative (fragment)	0,4846	3,642E-06
TcCLB.506529.230	hypothetical protein, conserved	0,4846	0,0006886
TcCLB.508629.42	retrotransposon hot spot protein (RHS, pseudogene), puta	0,4845	1,617E-06
TcCLB.506845.31	ATP-dependent DEAD/H RNA helicase (pseudogene), puta	0,4844	0,1911
TcCLB.511827.20	hypothetical protein, conserved	0,4843	1,682E-07
TcCLB.503525.40	FAD dependent oxidoreductase, putative (POMP20)	0,4842	1,901E-07
TcCLB.507491.162	flagellar calcium-binding protein, putative (fragment)	0,4842	0,00004524
TcCLB.511181.140	hypothetical protein	0,4841	9,025E-07
TcCLB.506679.40	mitogen-activated protein kinase kinase 5, putative (MKK)	0,484	0,00000317
TcCLB.511483.30	hypothetical protein, conserved	0,4839	0,00008835
TcCLB.506843.70	protein kinase, putative	0,4839	0,2621
TcCLB.506989.100	Triple RNA binding domain protein 3	0,4838	0,00001575
TcCLB.511681.10	hypothetical protein	0,4838	0,128
TcCLB.510519.30	mitochondrial structure specific endonuclease I (SSE-1), p	0,4837	0,00001983
TcCLB.511527.34	60S ribosomal protein L8, putative	0,4835	1,556E-11
TcCLB.503955.70	eukaryotic translation initiation factor 2 beta subunit, puta	0,4834	0,00005047
TcCLB.510655.20	hypothetical protein, conserved	0,4831	0,00004582
TcCLB.503591.10	retrotransposon hot spot protein (RHS, pseudogene), puta	0,4831	0,005226
TcCLB.511751.166	hypothetical protein, conserved	0,483	0,00002974
TcCLB.507011.230	hypothetical protein, conserved (pseudogene)	0,4829	2,376E-06
TcCLB.510819.60	ATP-dependent protease ATPase subunit HslU1, putative (	0,4827	5,9E-09
TcCLB.506925.440	Nuclear pore complex protein 158 (pseudogene)	0,4826	7,245E-11
TcCLB.509459.70	hypothetical protein, conserved	0,4825	0,00000459
TcCLB.508535.20	nuclear transmembrane protein, putative (NP)	0,4825	0,00001793
TcCLB.504797.30	pseudouridylate synthase-like protein, putative	0,4824	0,00001529
TcCLB.409117.10	hypothetical protein, conserved	0,4824	0,002534
TcCLB.510861.94	hypothetical protein, conserved	0,4821	1,369E-09
TcCLB.510603.20	hypothetical protein, conserved	0,4819	0,001878
TcCLB.508823.50	40S ribosomal protein S14, putative	0,4817	4,072E-11
TcCLB.510753.9	helicase, putative	0,4817	5,888E-08
TcCLB.506885.430	lipoic acid containing carrier protein, putative (GCVH)	0,4817	0,007589
TcCLB.506871.40	hypothetical protein, conserved	0,4816	0,00001801
TcCLB.509933.20	hypothetical protein, conserved	0,4813	0,00001183
TcCLB.508479.360	hypothetical protein, conserved	0,4812	0,00001579
TcCLB.507603.10	hypothetical protein, conserved (pseudogene)	0,4812	0,0009571
TcCLB.509259.140	glycine dehydrogenase [decarboxylating] (pseudogene), p	0,4808	0,00008482
TcCLB.508779.70	hypothetical protein, conserved	0,4806	8,13E-07
TcCLB.509917.12	N-acetyltransferase complex ARD1 subunit (pseudogene), p	0,4804	0,135
TcCLB.510129.11	surface glycoprotein, putative	0,4803	0,00004843
TcCLB.507903.19	dispersed gene family protein 1 (DGF-1, pseudogene), put	0,4803	0,04241

TcCLB.505773.20	dispersed gene family protein 1 (DGF-1), putative	0,4802	0,1047
TcCLB.511463.20	AMPK subunit gamma (AMPKG)	0,48	0,0002283
TcCLB.505699.20	retrotransposon hot spot protein (RHS, pseudogene), puta	0,48	0,004038
TcCLB.416761.10	surface protease GP63, putative	0,4798	0,136
TcCLB.505807.140	hypothetical protein, conserved	0,4797	0,00000165
TcCLB.445011.19	hypothetical protein, conserved	0,4796	0,0003214
TcCLB.506235.20	guide RNA associated protein 1, putative (GAP1)	0,4795	2,03E-09
TcCLB.509453.70	protein transport protein Sec24C, putative	0,4795	1,399E-08
TcCLB.506145.20	hypothetical protein, conserved	0,4793	2,57E-08
TcCLB.506581.50	hypothetical protein, conserved	0,4793	0,0007767
TcCLB.506437.10	amastin, putative	0,4792	0,0003474
TcCLB.511419.60	NADH-ubiquinone oxidoreductase complex I subunit, puta	0,4789	0,00005681
TcCLB.511285.70	hypothetical protein, conserved	0,4788	2,828E-08
TcCLB.511115.10	hypothetical protein, conserved	0,4787	1,512E-06
TcCLB.511255.430	trans-sialidase (pseudogene), putative	0,4786	0,08786
TcCLB.510625.10	dispersed gene family protein 1 (DGF-1), putative	0,4784	0,0973
TcCLB.508449.20	retrotransposon hot spot protein (RHS, pseudogene), puta	0,4782	0,0003421
TcCLB.506211.190	hypothetical protein, conserved	0,4781	1,617E-07
TcCLB.511279.60	hypothetical protein, conserved	0,4781	5,015E-06
TcCLB.508629.58	hypothetical protein, conserved (pseudogene)	0,4781	8,362E-06
TcCLB.508153.480	hypothetical protein, conserved	0,478	1,569E-09
TcCLB.511827.90	hypothetical protein, conserved	0,4779	0,01862
TcCLB.510877.30	hypothetical protein, conserved	0,4778	8,05E-10
TcCLB.510661.110	Present in the outer mitochondrial membrane proteome 7	0,4778	1,173E-06
TcCLB.510757.30	hypothetical protein, conserved	0,4776	0,002907
TcCLB.506887.80	hypothetical protein, conserved	0,4775	0,002145
TcCLB.506153.3	hypothetical protein, conserved	0,4774	0,0005168
TcCLB.510363.19	trans-sialidase (pseudogene), putative	0,4774	0,05578
TcCLB.506513.200	histone H2A, putative	0,4774	0,3818
TcCLB.507993.200	hypothetical protein, conserved	0,4773	1,066E-07
TcCLB.503623.10	dispersed gene family protein 1 (DGF-1), putative	0,4772	0,2847
TcCLB.507467.104	hypothetical protein, conserved	0,4771	0,004094
TcCLB.510187.280	hypothetical protein, conserved	0,4768	0,0003136
TcCLB.509969.20	surface protease GP63 (pseudogene), putative	0,4768	0,09522
TcCLB.510317.7	Present in the outer mitochondrial membrane proteome 2	0,4767	3,462E-06
TcCLB.508589.51	ATP-dependent DEAD/H RNA helicase (pseudogene), puta	0,4767	0,06381
TcCLB.503881.39	ribosomal protein L38, putative	0,4765	0,00001939
TcCLB.510239.10	dispersed gene family protein 1 (DGF-1), putative	0,4764	0,1995
TcCLB.506789.210	paraflagellar rod protein, putative	0,4762	8,384E-06
TcCLB.503909.100	mannosyltransferase, putative	0,4762	0,00005365
TcCLB.508901.10	hypothetical protein, conserved	0,4762	0,0002634
TcCLB.509751.20	hypothetical protein, conserved	0,4761	8,802E-06
TcCLB.506885.20	hypothetical protein, conserved	0,476	5,779E-07
TcCLB.511491.70	endosomal integral membrane protein, putative	0,476	0,00001282
TcCLB.508909.339	hypothetical protein, conserved	0,4757	0,00005693

TcCLB.509671.60	hypothetical protein	0,4756	0,002411
TcCLB.511421.90	hypothetical protein, conserved	0,4755	0,0001697
TcCLB.511133.4	DNA repair and recombination helicase protein PIF6, puta	0,4755	0,0002333
TcCLB.506957.100	hypothetical protein, conserved	0,4755	0,0009976
TcCLB.509427.80	hypothetical protein	0,4754	0,214
TcCLB.507649.10	hypothetical protein, conserved	0,4753	0,0009857
TcCLB.511725.174	small nuclear ribonucleoprotein Sm-G, putative	0,4752	0,0001442
TcCLB.511895.40	hypothetical protein	0,4751	0,0007507
TcCLB.507019.30	ribosome biogenesis regulatory protein (RRS1), putative	0,4749	0,00002381
TcCLB.509459.50	hypothetical protein, conserved	0,4748	0,00003724
TcCLB.506821.20	ATP-dependent Clp protease subunit, heat shock protein 1	0,4747	1,367E-08
TcCLB.507911.60	retrotransposon hot spot protein (RHS, pseudogene), puta	0,4747	0,1377
TcCLB.503811.70	hypothetical protein, conserved	0,4745	0,00000176
TcCLB.510517.90	hypothetical protein, conserved	0,4745	0,0007233
TcCLB.506303.160	hypothetical protein	0,4744	0,0000278
TcCLB.510259.6	DNA polymerase delta catalytic subunit, putative (fragme	0,4743	5,171E-06
TcCLB.506529.380	ser/thr protein phosphatase, putative	0,4742	1,605E-10
TcCLB.510421.250	hypothetical protein, conserved	0,4741	7,168E-07
TcCLB.511353.60	hypothetical protein, conserved	0,474	0,0008165
TcCLB.508737.30	mitochondrial RNA binding protein 1	0,4739	1,706E-11
TcCLB.503651.30	hypothetical protein	0,4739	1,714E-06
TcCLB.509237.60	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, Ꞥ	0,4733	0,0009752
TcCLB.506503.170	hypothetical protein, conserved	0,4731	0,0182
TcCLB.509391.10	Flagellar calcium-binding protein 24, putative	0,4731	0,2793
TcCLB.508839.40	hypothetical protein, conserved	0,473	0,0007291
TcCLB.415187.19	hypothetical protein, conserved (fragment)	0,473	0,04911
TcCLB.510077.40	small GTP-binding protein RAB6, putative	0,4729	0,0007781
TcCLB.511013.10	retrotransposon hot spot protein (RHS, pseudogene), puta	0,4728	0,008631
TcCLB.509617.80	ABC transporter, putative	0,4725	1,438E-06
TcCLB.408437.20	hypothetical protein, conserved	0,4721	0,006827
TcCLB.510759.70	hypothetical protein, conserved	0,472	6,831E-08
TcCLB.507809.74	signal peptidase type I, putative	0,472	0,00009429
TcCLB.503437.10	retrotransposon hot spot protein (RHS, pseudogene), puta	0,4719	0,002156
TcCLB.510579.110	hypothetical protein, conserved	0,4716	3,258E-08
TcCLB.509153.40	hypothetical protein, conserved	0,4716	2,404E-07
TcCLB.506529.370	hypothetical protein	0,4716	0,002213
TcCLB.506623.60	dispersed gene family protein 1 (DGF-1), putative	0,4715	0,09367
TcCLB.506575.40	hypothetical protein	0,4714	4,446E-06
TcCLB.507601.110	prolyl oligopeptidase (pseudogene), putative	0,4714	4,674E-06
TcCLB.507063.144	hypothetical protein, conserved	0,4714	0,001206
TcCLB.507791.20	N-acetyltransferase complex ARD1 subunit (pseudogene),	0,4714	0,1136
TcCLB.506563.190	calpain-like cysteine peptidase, putative	0,4713	2,715E-07
TcCLB.509029.40	hypothetical protein, conserved	0,4713	0,00000611
TcCLB.507515.60	hypothetical protein, conserved	0,4713	0,0002915
TcCLB.506953.10	hypothetical protein, conserved (pseudogene)	0,4713	0,1161



TcCLB.506035.20	dispersed gene family protein 1 (DGF-1, pseudogene), put	0,4711	0,00009739
TcCLB.511801.44	DNA-dependent RNA polymerases, putative	0,4711	0,0004204
TcCLB.511817.300	hypothetical protein, conserved	0,471	7,003E-06
TcCLB.506945.300	V-type ATPase, C subunit, putative	0,4709	6,442E-06
TcCLB.507033.10	hypothetical protein, conserved	0,4707	7E-09
TcCLB.503687.10	regulator of chromosome condensation (RCC1), putative	0,4704	0,0001475
TcCLB.510741.180	ATP-dependent RNA helicase, putative	0,4702	1,216E-08
TcCLB.510969.40	hypothetical protein, conserved	0,4702	0,00003104
TcCLB.510063.39	DNA repair protein, putative	0,4701	8,685E-06
TcCLB.506743.30	50S ribosomal protein L17, putative	0,4701	0,001107
TcCLB.505957.80	retrotransposon hot spot protein (RHS, pseudogene), puta	0,4695	0,0003123
TcCLB.511499.69	hypothetical protein (fragment)	0,4695	0,007445
TcCLB.505931.50	histone H3, putative	0,4695	0,05015
TcCLB.507093.339	hypothetical protein, conserved	0,4694	8,763E-06
TcCLB.503527.29	hypothetical protein, conserved	0,4693	0,00008035
TcCLB.509965.310	hypothetical protein, conserved (pseudogene)	0,4691	0,00001348
TcCLB.511663.40	trans-sialidase (pseudogene), putative	0,4691	0,001937
TcCLB.508153.780	hypothetical protein	0,469	2,606E-07
TcCLB.410337.10	trans-sialidase (pseudogene), putative	0,469	0,2378
TcCLB.508607.60	beta galactofuranosyl glycosyltransferase, putative	0,4689	0,0256
TcCLB.511367.290	hypothetical protein, conserved	0,4687	6,351E-06
TcCLB.510525.10	protein kinase, putative	0,4687	0,0004041
TcCLB.507057.10	hypothetical protein, conserved	0,4685	0,0002173
TcCLB.503749.30	hypothetical protein, conserved	0,4683	0,00001623
TcCLB.509065.160	eukaryotic translation initiation factor 3 subunit 7-like pro	0,4679	4,43E-11
TcCLB.511267.24	hypothetical protein, conserved	0,4679	0,0001472
TcCLB.504411.20	divalent cation tolerance protein, putative	0,4679	0,06909
TcCLB.508851.90	hypothetical protein, conserved	0,4678	0,0006914
TcCLB.511115.49	hypothetical protein, conserved	0,4678	0,04284
TcCLB.507933.10	plectin, putative	0,4677	1,963E-09
TcCLB.510301.60	hypothetical protein, conserved	0,4676	0,00003548
TcCLB.506189.10	nucleolar protein, putative	0,4675	0,0002366
TcCLB.506127.9	phosphoglycerate kinase, putative	0,4675	0,05532
TcCLB.506479.130	cytidine triphosphate synthase, putative	0,4671	0,00007262
TcCLB.509965.190	DREV methyltransferase, putative	0,467	0,0002254
TcCLB.507513.90	RNA-editing complex protein MP100, putative	0,4669	4,446E-08
TcCLB.510877.150	hypothetical protein, conserved	0,4667	8,565E-07
TcCLB.506357.130	hypothetical protein, conserved	0,4665	3,72E-11
TcCLB.509055.20	hypothetical protein, conserved	0,4664	5,948E-06
TcCLB.507603.230	hydroxyacylglutathione hydrolase, putative	0,4663	0,004528
TcCLB.508443.20	heat shock protein-like protein, putative	0,4659	0,0008236
TcCLB.504045.130	kinesin, putative (fragment)	0,4657	0,06073
TcCLB.507023.120	aldehyde dehydrogenase family, putative	0,4656	0,0002947
TcCLB.511789.10	dispersed gene family protein 1 (DGF-1, pseudogene), put	0,4656	0,2112
TcCLB.510577.40	hypothetical protein, conserved	0,4655	0,0002161

TcCLB.507427.30	retrotransposon hot spot protein (RHS, pseudogene), puta	0,4654	0,001795
TcCLB.508821.30	hypothetical protein	0,4653	3,719E-08
TcCLB.506247.470	hypothetical protein, conserved	0,4651	3,961E-08
TcCLB.505183.14	hypothetical protein, conserved	0,4651	0,0007238
TcCLB.511249.34	hypothetical protein, conserved	0,4651	0,0009315
TcCLB.510001.10	hypothetical Zinc-finger containing protein	0,4651	0,002563
TcCLB.507883.100	malate dehydrogenase, putative	0,465	0,00003803
TcCLB.507253.10	retrotransposon hot spot (RHS) protein, putative	0,465	0,001163
TcCLB.506959.20	hypothetical protein, conserved	0,4649	1,517E-08
TcCLB.509161.110	hypothetical protein, conserved	0,4649	2,961E-08
TcCLB.507491.151	flagellar calcium-binding protein, putative	0,4648	0,0000543
TcCLB.504143.10	hypothetical protein, conserved	0,4648	0,001015
TcCLB.506559.80	Sir2-related protein 3, putative (SIR2rp3)	0,4646	0,001586
TcCLB.509941.70	dispersed gene family protein 1 (DGF-1, pseudogene), put	0,4645	0,02409
TcCLB.506389.39	elongation factor 1-gamma (EF-1-gamma, pseudogene),	0,464	6,677E-06
TcCLB.508881.30	hypothetical protein, conserved	0,4639	0,0002482
TcCLB.507475.30	retrotransposon hot spot protein (RHS, pseudogene), puta	0,4639	0,0005051
TcCLB.511807.80	RNA capping enzyme, nuclear (Cgm1)	0,4638	1,623E-09
TcCLB.508741.320	casein kinase II, alpha chain, putative	0,4638	0,0000177
TcCLB.507019.50	hypothetical protein, conserved	0,4638	0,0004152
TcCLB.510149.90	Golgi vesicular membrane trafficking protein, putative	0,4638	0,008665
TcCLB.510241.10	hypothetical protein, conserved	0,4636	3,531E-07
TcCLB.508761.260	mucin TcMUCII, putative	0,4636	0,009523
TcCLB.506683.19	GMP synthase (pseudogene), putative	0,4635	0,00003599
TcCLB.506435.424	hypothetical protein, conserved	0,4634	0,001986
TcCLB.505073.10	hypothetical protein	0,4633	3,403E-07
TcCLB.509371.10	dispersed gene family protein 1 (DGF-1), putative	0,4633	0,2318
TcCLB.508539.40	hypothetical protein, conserved	0,4632	0,001217
TcCLB.509337.10	hypothetical protein, conserved	0,463	0,0000337
TcCLB.507001.20	hypothetical protein, conserved	0,463	0,003218
TcCLB.506975.9	REL2, putative	0,4629	0,02119
TcCLB.506945.150	hypothetical protein	0,4628	0,001663
TcCLB.509153.50	hypothetical protein, conserved	0,4626	0,0001318
TcCLB.510755.98	kinetoplastid membrane protein KMP-11, putative	0,4626	0,02317
TcCLB.510181.90	hypothetical protein, conserved	0,4624	0,000132
TcCLB.503909.90	hypothetical protein	0,462	0,002627
TcCLB.506195.10	glucose-6-phosphate dehydrogenase (pseudogene), putati	0,462	0,004133
TcCLB.505983.20	nucleosome assembly protein-like protein, putative	0,4619	5,001E-09
TcCLB.509891.70	hypothetical protein, conserved (pseudogene)	0,4618	0,00028
TcCLB.506933.30	hypothetical protein, conserved	0,4617	5,707E-06
TcCLB.510105.80	folylpolyglutamate synthetase (FPGS)	0,4617	0,0000938
TcCLB.510045.20	ABC transporter, putative	0,4615	0,004627
TcCLB.510719.310	hypothetical protein, conserved	0,4614	1,633E-06
TcCLB.507001.34	hypothetical protein, conserved	0,4614	0,0003829
TcCLB.506195.190	intraflagellar transport protein 81, putative (IFT81)	0,4613	1,606E-08

TcCLB.508589.41	N-acetyltransferase complex ARD1 subunit (pseudogene),	0,4612	0,203
TcCLB.511725.280	hypothetical protein, conserved	0,461	1,447E-06
TcCLB.511257.40	hypothetical protein, conserved	0,461	0,00004528
TcCLB.503439.61	retrotransposon hot spot protein (RHS, pseudogene), puta	0,461	0,0003685
TcCLB.508401.90	N-acetyltransferase complex ARD1 subunit (pseudogene),	0,461	0,0301
TcCLB.511017.40	hd phosphohydrolase family protein	0,4609	0,01973
TcCLB.506431.5	trans-sialidase, putative (pseudogene)	0,4606	0,2653
TcCLB.509051.40	adenosine kinase, putative	0,4605	4,082E-08
TcCLB.507093.60	hypothetical protein, conserved	0,4604	1,502E-06
TcCLB.511395.10	hypothetical protein, conserved	0,4604	0,0003743
TcCLB.511807.36	hypothetical protein	0,4603	0,00004367
TcCLB.508659.30	hypothetical protein, conserved	0,4601	7,566E-06
TcCLB.506155.120	glycosyl hydrolase, putative	0,4601	0,00001144
TcCLB.507601.70	dihydrolipoamide branched chain transacylase, putative	0,46	0,00002829
TcCLB.511149.210	mucin TcMUCII, putative	0,46	0,1495
TcCLB.509027.24	hypothetical protein, conserved	0,4599	0,0005084
TcCLB.508547.180	hypothetical protein, conserved	0,4598	1,422E-06
TcCLB.507583.70	ribonuclease inhibitor, putative	0,4598	0,0001594
TcCLB.506847.30	retrotransposon hot spot protein (RHS, pseudogene), puta	0,4598	0,0002915
TcCLB.510863.30	hypothetical protein, conserved	0,4597	0,0002736
TcCLB.511629.30	hypothetical protein, conserved	0,4596	0,0006713
TcCLB.510279.276	hypothetical protein, conserved (pseudogene)	0,4596	0,09492
TcCLB.506265.20	hypothetical protein, conserved	0,4595	7,904E-07
TcCLB.511773.35	hypothetical protein, conserved (pseudogene)	0,4591	0,008095
TcCLB.504131.90	hypothetical protein, conserved	0,4588	0,00001793
TcCLB.510879.150	hypothetical protein, conserved	0,4587	0,00002507
TcCLB.506533.142	mucin TcSMUGL, putative	0,4587	0,001075
TcCLB.503991.30	hypothetical protein, conserved	0,4584	9,024E-06
TcCLB.511713.40	ribosome biogenesis protein TSR3, putative (tsr3)	0,4584	0,001667
TcCLB.506247.100	hypothetical protein, conserved	0,458	0,004494
TcCLB.507603.170	hypothetical protein, conserved	0,4576	0,00001049
TcCLB.508895.40	hypothetical protein, conserved	0,4576	0,00008015
TcCLB.508971.50	ubiquitin-protein ligase-like, putative	0,4575	1,017E-06
TcCLB.508831.66	hypothetical protein, conserved	0,4574	3,925E-06
TcCLB.511727.129	ribosomal protein L18, putative	0,4573	3,435E-08
TcCLB.511393.20	rhomboid-like protein, putative	0,4573	0,00001217
TcCLB.506321.290	stress-induced protein sti1, putative	0,4572	3,274E-09
TcCLB.508873.430	trans-sialidase (pseudogene), putative	0,4568	0,01137
TcCLB.510311.170	hypothetical protein, conserved	0,4566	0,0002873
TcCLB.506259.30	retrotransposon hot spot protein (RHS, pseudogene), puta	0,4564	0,00002775
TcCLB.511863.4	retrotransposon hot spot (RHS) protein, putative (fragmer	0,4564	0,0003553
TcCLB.508857.30	trans-sialidase, Group I, putative	0,4563	0,0001207
TcCLB.511293.10	extracellular receptor, putative	0,4562	0,001782
TcCLB.511249.60	protein kinase, putative	0,4561	5,169E-06
TcCLB.511055.40	glycine dehydrogenase [decarboxylating] (pseudogene), pi	0,4561	0,002733

TcCLB.509019.30	dispersed gene family protein 1 (DGF-1), putative	0,4561	0,08165
TcCLB.504835.20	3-methylcrotonyl-CoA carboxylase, putative	0,4559	1,202E-06
TcCLB.508299.80	threonyl-tRNA synthetase, putative	0,4558	9,273E-06
TcCLB.509053.170	DREV methyltransferase, putative	0,4558	0,0003685
TcCLB.510053.70	hypothetical protein, conserved	0,4552	6,426E-08
TcCLB.511211.104	hypothetical protein, conserved	0,4551	0,003313
TcCLB.510309.30	PTP1-interacting protein, 39 kDa, putative	0,4551	0,003446
TcCLB.511903.90	hypothetical protein, conserved	0,4549	0,00003681
TcCLB.510121.50	calmodulin, putative	0,4547	0,009733
TcCLB.506797.70	lysophospholipase, putative	0,4544	8,042E-06
TcCLB.508823.40	hypothetical protein, conserved	0,4544	0,001967
TcCLB.508269.76	N-acetyltransferase complex ARD1 subunit (pseudogene),	0,4542	0,1315
TcCLB.506425.150	hypothetical protein	0,4541	0,003643
TcCLB.506533.34	phosphatidylinositol kinase related protein, putative	0,454	1,193E-08
TcCLB.508303.50	hypothetical protein, conserved	0,4539	0,00115
TcCLB.507559.40	hypothetical protein, conserved	0,4538	0,00002713
TcCLB.511837.60	hypothetical protein, conserved	0,4534	0,0001006
TcCLB.507519.120	hypothetical protein, conserved	0,4534	0,001463
TcCLB.510943.30	hypothetical protein, conserved	0,4534	0,002365
TcCLB.511151.100	Unconventional myosin	0,4533	2,473E-07
TcCLB.506245.160	retrotransposon hot spot (RHS) protein, putative	0,4533	0,06515
TcCLB.507625.130	hypothetical protein, conserved	0,4532	0,0001528
TcCLB.508133.10	hypothetical protein	0,4531	0,0006617
TcCLB.510421.210	hypothetical protein, conserved	0,4529	1,392E-06
TcCLB.509111.19	hypothetical protein, conserved	0,4529	0,02721
TcCLB.509879.40	fumarate hydratase, putative	0,4527	0,001406
TcCLB.508823.130	hypothetical protein, conserved	0,4525	6,594E-08
TcCLB.509489.20	hypothetical protein, conserved	0,4523	0,00004047
TcCLB.508817.10	hypothetical protein, conserved	0,4523	0,006985
TcCLB.510007.50	hypothetical protein, conserved	0,4522	5,934E-06
TcCLB.508641.290	hypothetical protein, conserved	0,4522	0,0002044
TcCLB.511245.190	hypothetical protein, conserved	0,4522	0,0007536
TcCLB.509497.20	hypothetical protein, conserved	0,4521	0,0006297
TcCLB.506435.60	hypothetical protein, conserved	0,452	0,000171
TcCLB.510287.4	Mutt-Nudix-related hydrolase, putative (fragment)	0,452	0,1761
TcCLB.506771.18	hypothetical protein, conserved	0,4519	0,000333
TcCLB.506017.41	N-acetyltransferase complex ARD1 subunit (pseudogene),	0,4518	0,05109
TcCLB.506457.10	metallo-peptidase, Clan MG, Family M24 (MetAP2)	0,4517	3,914E-06
TcCLB.503809.75	hypothetical protein, conserved	0,4517	0,008103
TcCLB.508153.390	hypothetical protein, conserved	0,4516	0,00008277
TcCLB.506193.20	hypothetical protein, conserved	0,4516	0,0001215
TcCLB.511461.50	nuclear transmembrane protein, putative (NP)	0,4516	0,0004735
TcCLB.510227.10	hypothetical protein, conserved	0,4516	0,00521
TcCLB.510359.100	hypothetical protein, conserved	0,4514	0,006551
TcCLB.511649.110	hypothetical protein, conserved	0,4512	2,751E-06

TcCLB.509023.150	integral membrane transport protein, putative	0,4511	0,0008071
TcCLB.507023.140	hypothetical protein	0,4511	0,001516
TcCLB.510443.9	valyl-tRNA synthetase, putative	0,451	1,529E-07
TcCLB.509551.10	protein kinase, putative	0,451	0,0002001
TcCLB.504175.40	dual specificity protein phosphatase, putative	0,4509	8,601E-07
TcCLB.503487.50	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, $\rho$	0,4509	0,00008276
TcCLB.508317.10	cysteine proteinase, putative	0,4507	0,00007315
TcCLB.507485.150	amastin, putative	0,4503	0,00001307
TcCLB.504047.20	hypothetical protein, conserved	0,4502	0,0001666
TcCLB.511421.200	ARM-like helical domain-containing protein	0,4501	0,00001449
TcCLB.507521.70	cyclophilin, putative	0,4501	0,0008363
TcCLB.508051.30	protein kinase, putative	0,4499	0,0001898
TcCLB.510173.100	hypothetical protein, conserved	0,4499	0,003141
TcCLB.508531.10	glycine dehydrogenase (pseudogene), putative	0,4499	0,05092
TcCLB.506201.50	hypothetical protein, conserved	0,4498	0,005545
TcCLB.509769.70	DNA polymerase theta (helicase domain only), putative	0,4496	1,171E-08
TcCLB.509797.30	hypothetical protein, conserved	0,4496	0,00005644
TcCLB.510183.20	dipeptidyl-peptidase 8-like serine peptidase	0,4493	2,249E-07
TcCLB.505097.20	hypothetical protein, conserved (pseudogene)	0,4493	0,005073
TcCLB.504213.140	hypothetical protein, conserved	0,4493	0,02754
TcCLB.511479.48	hypothetical protein, conserved (fragment)	0,4493	0,07178
TcCLB.511229.9	replication factor C, subunit 4, putative	0,4491	0,01091
TcCLB.506743.150	proteasome 26S non-ATPase subunit 9, putative	0,449	0,002032
TcCLB.503809.100	GUP1, putative	0,4489	0,00000194
TcCLB.511075.20	notchless homolog, putative	0,4488	1,365E-06
TcCLB.508207.54	hypothetical protein, conserved	0,4488	0,004331
TcCLB.504047.10	hypothetical protein, conserved	0,4488	0,0135
TcCLB.507993.190	serine/threonine protein phosphatase type 5, putative	0,4485	7,489E-07
TcCLB.506175.110	hypothetical protein, conserved	0,4485	1,744E-06
TcCLB.504431.30	Present in the outer mitochondrial membrane proteome $\zeta$	0,4484	0,00001233
TcCLB.509769.90	mitochondrial carrier protein, putative	0,4484	0,00003474
TcCLB.450489.10	histone acetyltransferase, putative	0,4484	0,0009233
TcCLB.427303.10	5'-3' exoribonuclease A, putative (fragment) (XRNA)	0,4482	4,84E-07
TcCLB.509233.20	retrotransposon hot spot protein (RHS, pseudogene), puta	0,4482	0,004569
TcCLB.506163.60	hypothetical protein	0,4481	6,661E-06
TcCLB.503681.9	hypothetical protein, conserved	0,4481	0,00002293
TcCLB.509715.9	Ribosomal RNA processing protein 41A (RRP41A)	0,4478	0,0005205
TcCLB.510187.199	hypothetical protein, conserved	0,4478	0,001119
TcCLB.510439.10	heat shock protein 70, putative	0,4477	0,0005081
TcCLB.506649.30	hypothetical protein, conserved	0,4476	7,818E-07
TcCLB.510735.70	hypothetical protein, conserved	0,4476	0,0003962
TcCLB.511671.90	hypothetical protein, conserved	0,4475	0,0003823
TcCLB.507063.160	hypothetical protein, conserved	0,4474	5,386E-06
TcCLB.510087.20	hypothetical protein, conserved	0,4474	0,000769
TcCLB.434259.19	hypothetical protein, conserved	0,4474	0,002865

TcCLB.509893.10	hypothetical protein	0,4472	0,0001517
TcCLB.506887.20	hypothetical protein, conserved	0,4471	0,0003591
TcCLB.503767.5	potassium voltage-gated channel, putative	0,4471	0,07657
TcCLB.503823.50	hypothetical protein, conserved	0,447	0,00005103
TcCLB.511369.20	elongation factor 1-alpha, putative	0,447	0,008936
TcCLB.510765.60	60S ribosomal protein L5, putative	0,4469	7,199E-10
TcCLB.508273.70	hypothetical protein, conserved	0,4469	0,002234
TcCLB.506629.220	isovaleryl-coA dehydrogenase, putative	0,4468	0,00002415
TcCLB.510853.50	beta galactofuranosyl glycosyltransferase, putative	0,4467	0,2246
TcCLB.507951.260	aspartic peptidase, clan AD, family A22B, putative	0,4466	1,848E-06
TcCLB.508899.90	hypothetical protein	0,4465	0,0002979
TcCLB.511049.30	hypothetical protein, conserved	0,4461	0,003053
TcCLB.506713.20	hypothetical protein, conserved	0,446	0,00003138
TcCLB.507639.40	proteasome subunit beta type-5, putative	0,4459	2,942E-06
TcCLB.503545.20	retrotransposon hot spot protein (RHS, pseudogene), puta	0,4452	0,01066
TcCLB.507509.50	polypeptide deformylase-like protein, putative	0,445	0,00006579
TcCLB.510039.70	hypothetical protein, conserved	0,4448	0,00153
TcCLB.511071.100	Glycerophosphoryl diester phosphodiesterase family, puta	0,4446	9,726E-06
TcCLB.506727.80	hypothetical protein, conserved	0,4446	0,0001257
TcCLB.509965.229	heat shock protein (pseudogene), putative	0,4445	0,004052
TcCLB.506689.20	hypothetical protein, conserved (pseudogene)	0,4444	0,001514
TcCLB.506529.314	hypothetical protein, conserved	0,444	0,01133
TcCLB.506297.220	hypothetical protein, conserved	0,4435	3,23E-08
TcCLB.511825.130	hypothetical protein	0,4435	0,01441
TcCLB.505939.50	hypothetical protein	0,4433	0,0004992
TcCLB.510111.11	trans-sialidase (pseudogene), putative	0,4433	0,01885
TcCLB.508727.50	hypothetical protein, conserved	0,443	0,0004885
TcCLB.506315.70	hypothetical protein, conserved	0,443	0,0009199
TcCLB.506661.130	ion transport protein, putative	0,4429	0,0001117
TcCLB.511167.30	hypothetical protein, conserved	0,4428	0,00007882
TcCLB.511685.40	hypothetical protein	0,4427	0,00009818
TcCLB.506595.104	ribosomal P protein AGP2beta-1, putative	0,4426	0,009096
TcCLB.504215.59	hypothetical protein, conserved	0,4425	0,00004108
TcCLB.511897.19	zinc-finger multi-pass transmembrane protein, putative	0,4424	0,0004087
TcCLB.508153.180	aspartyl aminopeptidase, putative	0,442	1,136E-07
TcCLB.504159.80	histone deacetylase, putative	0,442	0,0001475
TcCLB.508307.170	60S acidic ribosomal protein, putative	0,4419	0,001342
TcCLB.511707.30	hypothetical protein, conserved	0,4418	2,221E-06
TcCLB.503657.50	hypothetical protein, conserved	0,4418	0,0008212
TcCLB.509497.30	agmatinase, putative	0,4418	0,0009402
TcCLB.509533.5	retrotransposon hot spot protein (RHS, pseudogene), puta	0,4416	3,028E-06
TcCLB.511317.50	hypothetical protein, conserved	0,4416	0,0001241
TcCLB.507083.40	hypothetical protein, conserved	0,4416	0,009155
TcCLB.509237.80	hypothetical protein, conserved	0,4412	2,504E-06
TcCLB.509063.10	hypothetical protein, conserved	0,4412	0,003858

TcCLB.507485.100	hypothetical protein, conserved	0,441	0,0001149
TcCLB.508837.110	hypothetical protein, conserved	0,441	0,0003628
TcCLB.509695.130	dynein arm light chain, putative	0,441	0,0005533
TcCLB.510101.320	hypothetical protein	0,4409	1,607E-06
TcCLB.509069.30	tubulin binding cofactor A-like protein, putative	0,4408	0,00652
TcCLB.510347.10	hypothetical protein	0,4406	8,898E-07
TcCLB.509965.250	ubiquitin fusion degradation protein 2, putative	0,4403	1,698E-07
TcCLB.506943.130	hypothetical protein, conserved	0,4402	0,000388
TcCLB.509219.50	hypothetical protein, conserved (pseudogene)	0,4399	0,0007981
TcCLB.511865.19	frataxin-like, mitochondrial precursor, putative	0,4395	0,00115
TcCLB.506625.150	hypothetical protein, conserved	0,4395	0,002737
TcCLB.506493.100	hypothetical protein, conserved	0,4393	0,0005013
TcCLB.504285.10	retrotransposon hot spot protein (RHS, pseudogene), puta	0,4392	0,009223
TcCLB.511655.69	ubiquitin-activating enzyme-like protein	0,4391	0,0003761
TcCLB.510717.40	hypothetical protein, conserved	0,439	0,00001689
TcCLB.506357.190	hypothetical protein, conserved	0,439	0,00007792
TcCLB.506363.40	hypothetical protein, conserved	0,439	0,001148
TcCLB.485889.16	hypothetical protein (fragment)	0,439	0,01225
TcCLB.506925.20	hypothetical protein, conserved	0,4389	0,0000108
TcCLB.511055.60	hypothetical protein, conserved	0,4389	0,07446
TcCLB.510149.120	flagellar radial spoke protein-like, putative	0,4386	0,000629
TcCLB.511191.10	tyrosyl-DNA Phosphodiesterase (Tdp1), putative	0,4386	0,00666
TcCLB.508805.100	hypothetical protein, conserved	0,4384	0,00001132
TcCLB.509733.170	Valosin-containing protein, putative (VCP)	0,4383	7,901E-07
TcCLB.510061.40	retrotransposon hot spot protein (RHS, pseudogene), puta	0,4383	0,0009685
TcCLB.506979.10	hypothetical protein, conserved	0,4382	0,0001671
TcCLB.507591.9	retrotransposon hot spot protein (RHS, pseudogene), puta	0,4382	0,0002429
TcCLB.433033.10	retrotransposon hot spot protein (RHS, pseudogene), puta	0,4382	0,0007656
TcCLB.511171.40	trans-sialidase (pseudogene), putative	0,4381	0,0154
TcCLB.506435.280	hypothetical protein, conserved	0,4379	0,00002697
TcCLB.510243.30	chaperone DNAJ protein, putative	0,4379	0,00003433
TcCLB.508045.4	hypothetical protein, conserved	0,4379	0,0005773
TcCLB.510599.50	hypothetical protein	0,4378	0,00001503
TcCLB.506577.60	hypothetical protein, conserved	0,4378	0,00008102
TcCLB.506167.30	hypothetical protein, conserved	0,4378	0,007428
TcCLB.510659.90	hypothetical protein, conserved	0,4377	0,0008243
TcCLB.510989.40	hypothetical protein, conserved	0,4376	0,0005577
TcCLB.506807.30	hypothetical protein, conserved	0,4375	0,002313
TcCLB.511613.180	mucin-associated surface protein (MASP), putative	0,4375	0,1992
TcCLB.511657.79	hypothetical protein, conserved	0,4374	0,05176
TcCLB.510719.180	hypothetical protein, conserved	0,4371	0,00001216
TcCLB.508445.20	iron superoxide dismutase, putative	0,437	7,388E-06
TcCLB.506223.130	hypothetical protein, conserved	0,4369	0,0006648
TcCLB.511181.80	threonyl-tRNA synthetase, putative	0,4368	2,207E-09
TcCLB.503613.60	acidocalcisomal pyrophosphatase, putative	0,4368	6,643E-06

TcCLB.511735.20	hypothetical protein, conserved	0,4368	0,001203
TcCLB.505943.30	hypothetical protein, conserved	0,4367	0,0001037
TcCLB.506789.300	hypothetical protein, conserved	0,4366	0,006918
TcCLB.509499.20	beta propeller protein, putative	0,4365	0,00006942
TcCLB.511817.110	hypothetical protein, conserved	0,4365	0,00008811
TcCLB.510747.140	hypothetical protein, conserved	0,4365	0,001272
TcCLB.508717.30	phosphoribosylpyrophosphate synthetase, putative	0,4364	2,857E-06
TcCLB.508109.50	retrotransposon hot spot protein (RHS, pseudogene), puta	0,4364	0,0109
TcCLB.506945.70	protein mkt1, putative	0,4363	2,706E-10
TcCLB.511369.10	elongation factor 1-alpha, putative	0,4362	0,03041
TcCLB.509875.60	hypothetical protein	0,4362	0,2269
TcCLB.509039.30	hypothetical protein, conserved	0,4361	0,00008167
TcCLB.503527.10	hypothetical protein, conserved	0,4355	1,414E-09
TcCLB.509151.50	hypothetical protein, conserved	0,4355	1,751E-07
TcCLB.508559.90	retrotransposon hot spot (RHS) protein, putative	0,4355	0,00137
TcCLB.511389.114	hypothetical protein, conserved	0,4354	0,06084
TcCLB.507053.80	hypothetical protein, conserved	0,4353	0,00001498
TcCLB.509269.19	sphingosine-1-phosphate phosphatase, putative	0,4349	0,00009429
TcCLB.510407.90	serine hydroxymethyltransferase, putative	0,4348	0,0001176
TcCLB.508347.20	O-6 methyl-guanine alkyl transferase, putative	0,4348	0,001749
TcCLB.509965.380	dTDP-glucose 4,6-dehydratase, putative	0,4346	0,00001155
TcCLB.508233.4	protein transport protein Sec23A, putative (fragment)	0,4346	0,0002186
TcCLB.508677.120	hypothetical protein, conserved	0,4345	0,02269
TcCLB.511907.70	short chain dehydrogenase/reductase, putative	0,4344	0,00003789
TcCLB.509023.170	hypothetical protein, conserved	0,4343	0,000227
TcCLB.508723.10	hypothetical protein, conserved	0,4341	0,0005436
TcCLB.506503.140	extracellular receptor, putative	0,434	2,858E-06
TcCLB.507817.30	hypothetical protein, conserved	0,4337	0,00008955
TcCLB.511659.9	hypothetical protein, conserved (fragment)	0,4337	0,0003435
TcCLB.510105.50	fibrillar, putative	0,4334	0,0000432
TcCLB.506567.90	hypothetical protein, conserved	0,4332	0,0005267
TcCLB.508169.80	hypothetical protein, conserved	0,4332	0,00337
TcCLB.506953.49	glucose-6-phosphate 1-dehydrogenase, putative	0,4331	0,114
TcCLB.503891.100	20S proteasome subunit	0,433	0,0002365
TcCLB.510733.30	hypothetical protein, conserved	0,433	0,02202
TcCLB.511817.319	hypothetical protein, conserved	0,4328	0,003998
TcCLB.503837.40	hypothetical protein, conserved	0,4327	0,03375
TcCLB.511209.30	hypothetical protein, conserved (pseudogene)	0,4325	6,523E-06
TcCLB.504147.60	chaperone DNAJ protein, putative	0,4324	1,939E-07
TcCLB.511301.120	hypothetical protein, conserved	0,4324	3,65E-07
TcCLB.511621.180	hypothetical protein, conserved	0,4324	0,0001715
TcCLB.507521.30	hypothetical protein, conserved	0,4324	0,008666
TcCLB.508095.20	methyltransferase, putative	0,4323	2,753E-08
TcCLB.511585.10	hypothetical protein, conserved	0,4323	0,00001401
TcCLB.509829.20	isovaleryl-coA dehydrogenase, putative	0,4321	0,003683



TcCLB.507625.99	gamma-glutamylcysteine synthetase, putative	0,4318	0,0001416
TcCLB.510041.30	hypothetical protein, conserved (fragment)	0,4318	0,02711
TcCLB.509967.120	intraflagellar transport protein 172, putative	0,4315	2,899E-07
TcCLB.510355.210	hypothetical protein, conserved	0,4313	4,094E-06
TcCLB.507715.100	hypothetical protein, conserved	0,4312	0,00003854
TcCLB.510663.70	6-phosphogluconate dehydrogenase, decarboxylating, putative	0,4312	0,001825
TcCLB.506121.9	dispersed gene family protein 1 (DGF-1), putative	0,4312	0,1505
TcCLB.506585.80	hypothetical protein, conserved	0,4309	0,002492
TcCLB.506871.140	cleavage and polyadenylation specificity factor, putative	0,4308	9,853E-08
TcCLB.506963.40	hypothetical protein, conserved	0,4307	0,00004561
TcCLB.511823.30	hypothetical protein, conserved	0,4306	0,00004569
TcCLB.511801.60	DEAD-box ATP-dependent RNA helicase, mitochondrial (N)	0,4305	1,516E-07
TcCLB.509167.160	hypothetical protein	0,4305	6,293E-06
TcCLB.503609.32	elongation factor 1-gamma (EF-1-gamma, pseudogene),	0,4305	0,3623
TcCLB.510187.480	phosphomannomutase, putative	0,4304	0,0000192
TcCLB.506673.40	hypothetical protein, conserved	0,4303	0,00005978
TcCLB.510943.36	hypothetical protein, conserved	0,4303	0,00008975
TcCLB.503431.20	hypothetical protein, conserved	0,4302	0,002536
TcCLB.506605.130	hypothetical protein, conserved	0,43	0,001008
TcCLB.511321.23	cytidine deaminase-like protein	0,4297	0,00128
TcCLB.506247.10	bloodstream- specific protein 2 precursor (fragment) (PDI)	0,4295	7,323E-06
TcCLB.506265.120	hypothetical protein, conserved	0,4295	0,0000153
TcCLB.508873.344	mucin-associated surface protein (MASP, pseudogene), p	0,4295	0,1508
TcCLB.504055.20	hypothetical protein, conserved	0,4294	0,002154
TcCLB.504163.90	hypothetical protein, conserved	0,4293	0,0001207
TcCLB.508331.41	tryptophanyl-tRNA synthetase (pseudogene), putative	0,4293	0,1378
TcCLB.505999.90	phosphoglycerate kinase, putative	0,429	2,374E-06
TcCLB.509353.20	Present in the outer mitochondrial membrane proteome 4	0,4289	0,004214
TcCLB.511815.60	prefoldin, putative	0,4288	0,00001314
TcCLB.503703.100	hypothetical protein, conserved	0,4288	0,0001275
TcCLB.511211.100	hypothetical protein, conserved	0,4288	0,0001325
TcCLB.510579.10	tyrosine phosphatase-like protein, putative	0,4286	0,0001531
TcCLB.510879.30	hypothetical protein, conserved	0,4282	3,594E-06
TcCLB.506359.70	hypothetical protein, conserved	0,4282	0,002445
TcCLB.510105.210	metallo-peptidase, Clan MA(E) Family M41	0,4279	1,387E-06
TcCLB.506753.120	DnaJ chaperone protein, putative	0,4279	0,0001297
TcCLB.414243.29	inosine-guanine nucleoside hydrolase, putative (fragment)	0,4278	0,1178
TcCLB.510123.20	mitogen activated protein kinase, putative	0,4273	1,927E-06
TcCLB.505229.10	Isoprenylcysteine alpha-carbonyl methylesterase, putative	0,4273	0,00001105
TcCLB.504213.29	hypothetical protein, conserved	0,4273	0,00298
TcCLB.511857.70	hypothetical protein, conserved	0,427	0,0000763
TcCLB.507541.20	hypothetical protein, conserved	0,427	0,0001026
TcCLB.511045.10	hypothetical protein, conserved	0,4269	0,0001207
TcCLB.504143.20	hypothetical protein, conserved	0,4266	0,0009446
TcCLB.509695.70	hypothetical protein, conserved	0,4265	0,00001856

TcCLB.509669.140	hypothetical protein, conserved	0,4265	0,003664
TcCLB.510747.150	hypothetical protein, conserved	0,4262	0,0002368
TcCLB.506799.40	hypothetical protein	0,4262	0,02484
TcCLB.511807.22	retrotransposon hot spot protein (RHS, pseudogene), puta	0,426	0,0002333
TcCLB.511545.199	AMP deaminase, putative	0,426	0,005958
TcCLB.510877.130	hypothetical protein, conserved	0,4258	3,819E-06
TcCLB.504115.30	beta galactofuranosyl glycosyltransferase, putative	0,4257	0,0008445
TcCLB.510307.94	ATP-dependent DEAD/H RNA helicase (pseudogene), puta	0,4256	0,03595
TcCLB.504835.10	hypothetical protein, conserved	0,4255	0,0004845
TcCLB.506341.10	N-acetylglucosamine-6-phosphate deacetylase-like protei	0,4253	0,002167
TcCLB.506825.130	hypothetical protein, conserved	0,4252	0,00002872
TcCLB.510431.70	hypothetical protein, conserved	0,4252	0,001862
TcCLB.510089.180	hypothetical protein, conserved	0,425	0,0004987
TcCLB.506821.170	aquaporin-like protein, putative	0,4249	0,00002159
TcCLB.504425.70	hypothetical protein, conserved	0,4249	0,000206
TcCLB.510311.180	hypothetical protein, conserved	0,4249	0,0009709
TcCLB.509757.30	stress-inducible protein STI1-like, putative	0,4249	0,003968
TcCLB.511181.40	hypothetical protein	0,4248	0,002806
TcCLB.507641.280	chaperonin HSP60, mitochondrial precursor (HSP60)	0,4246	0,00153
TcCLB.511541.40	hypothetical protein, conserved	0,4245	0,00009578
TcCLB.504881.40	hypothetical protein, conserved	0,4244	0,00004085
TcCLB.503781.70	proteasome subunit beta type-5, putative	0,4244	0,000106
TcCLB.508413.68	kinetoplastid membrane protein KMP-11	0,4242	0,001544
TcCLB.510849.20	trans-sialidase (pseudogene), putative	0,4241	0,005714
TcCLB.508501.200	hypothetical protein, conserved	0,4241	0,04649
TcCLB.511823.14	hypothetical protein, conserved	0,424	0,04524
TcCLB.510509.30	hypothetical protein, conserved	0,4238	0,0135
TcCLB.505937.29	dispersed gene family protein 1 (DGF-1), putative	0,4237	0,15
TcCLB.511809.60	hypothetical protein, conserved	0,4236	7,947E-11
TcCLB.508939.50	hypothetical protein, conserved	0,4236	0,02327
TcCLB.507783.20	AGP2beta-2, putative	0,4234	6,964E-06
TcCLB.410199.10	hypothetical protein	0,4234	0,006205
TcCLB.418221.20	hypothetical protein, conserved	0,4231	0,00004401
TcCLB.453917.9	hypothetical protein, conserved	0,4231	0,007001
TcCLB.507047.50	hypothetical protein, conserved	0,423	0,0003002
TcCLB.506717.30	dispersed gene family protein 1 (DGF-1, pseudogene), put	0,423	0,009644
TcCLB.511725.150	exportin 1, putative (CRM1)	0,4228	1,224E-06
TcCLB.511113.9	hypothetical protein, conserved (fragment)	0,4228	0,00006301
TcCLB.506543.40	hypothetical protein, conserved	0,4228	0,002715
TcCLB.509265.60	retrotransposon hot spot protein (RHS, pseudogene), puta	0,4228	0,009595
TcCLB.511181.90	peroxisome targeting signal 1 receptor, putative (PEX5)	0,4224	0,00005674
TcCLB.508479.320	hypothetical protein, conserved	0,4224	0,03189
TcCLB.509147.21	hypothetical protein, conserved (pseudogene)	0,4223	0,06176
TcCLB.511301.40	eukaryotic translation initiation factor 4E (eIF4E) interacti	0,4222	0,0007947
TcCLB.507691.50	retrotransposon hot spot (RHS) protein, putative	0,4221	0,0007055

TcCLB.510965.29	hypothetical protein, conserved	0,4218	0,002938
TcCLB.510055.150	hypothetical protein, conserved	0,4217	2,554E-07
TcCLB.506191.39	dispersed gene family protein 1 (DGF-1), putative	0,4216	0,01264
TcCLB.509733.150	hypothetical protein, conserved	0,4213	9,666E-06
TcCLB.510743.10	ubiquitin-activating enzyme E1, putative	0,4212	0,00001428
TcCLB.507671.20	hypothetical protein, conserved	0,4212	0,009757
TcCLB.509871.10	retrotransposon hot spot protein (RHS, pseudogene), puta	0,4211	8,094E-06
TcCLB.510165.20	DNA repair protein, putative	0,4211	0,0001399
TcCLB.479517.50	surface protease GP63, putative	0,4209	0,1231
TcCLB.507717.9	hypothetical protein, conserved	0,4208	0,0058
TcCLB.506419.30	hypothetical protein, conserved	0,4206	0,006858
TcCLB.511621.40	hypothetical protein, conserved	0,4205	0,0003071
TcCLB.507761.10	dispersed gene family protein 1 (DGF-1, pseudogene), put	0,4204	0,05524
TcCLB.510643.160	AGP2beta-2, putative	0,4203	5,629E-06
TcCLB.503489.24	hypothetical protein, conserved	0,42	9,567E-07
TcCLB.506999.120	hypothetical protein, conserved	0,4198	0,0001024
TcCLB.506481.30	hypothetical protein, conserved	0,4198	0,0002863
TcCLB.511295.40	tRNA pseudouridine synthase A-like protein, putative	0,4193	0,00003301
TcCLB.506537.120	hypothetical protein, conserved	0,4192	0,0719
TcCLB.506977.80	hypothetical protein, conserved	0,4191	1,968E-07
TcCLB.511481.50	endonuclease III, putative	0,4191	0,001863
TcCLB.510731.104	hypothetical protein, conserved	0,4191	0,006663
TcCLB.506447.10	hypothetical protein	0,4191	0,009235
TcCLB.506025.30	hypothetical protein, conserved	0,419	0,001999
TcCLB.508409.240	hypothetical protein, conserved	0,4189	0,0001605
TcCLB.413977.10	guide RNA associated protein, GAP1, putative	0,4189	0,0002226
TcCLB.504427.100	hypothetical protein, conserved	0,4187	0,01041
TcCLB.507485.120	tuzin	0,4187	0,01852
TcCLB.507715.80	ubiquitin-conjugating enzyme, putative	0,4185	0,001043
TcCLB.506945.350	serine/threonine protein kinase, putative	0,4183	6,806E-09
TcCLB.509207.150	kinesin, putative	0,4182	1,322E-08
TcCLB.506775.60	hypothetical protein, conserved	0,4182	9,823E-06
TcCLB.511165.4	cytoplasmic translation machinery associated protein, put	0,4181	0,04741
TcCLB.503677.10	phosphomannose isomerase, putative	0,4179	0,0001133
TcCLB.508827.40	acyl-CoA dehydrogenase, putative	0,4175	0,008129
TcCLB.509785.40	retrotransposon hot spot protein (RHS, pseudogene), puta	0,4173	0,009231
TcCLB.505939.80	hypothetical protein, conserved	0,4172	0,01222
TcCLB.507765.70	40S ribosomal protein S21, putative	0,417	2,052E-10
TcCLB.511253.10	kinesin-like protein, putative	0,417	0,01051
TcCLB.507485.130	amastin, putative	0,4169	0,0001032
TcCLB.507677.100	hypothetical protein, conserved	0,4169	0,001892
TcCLB.511821.170	hypothetical protein, conserved	0,4169	0,00228
TcCLB.511277.420	hypothetical protein, conserved	0,4168	2,997E-06
TcCLB.510877.20	hypothetical protein, conserved	0,4168	7,558E-06
TcCLB.503657.9	hypothetical protein, conserved	0,4168	0,0001318

TcCLB.511693.20	hypothetical protein, conserved	0,4168	0,008982
TcCLB.506569.10	cysteine peptidase, Clan CA, family C19, putative	0,4166	0,00005368
TcCLB.511383.40	hypothetical protein, conserved	0,4166	0,0007024
TcCLB.507771.80	hypothetical protein, conserved	0,4164	0,00003524
TcCLB.511039.6	hypothetical protein, conserved	0,4164	0,004158
TcCLB.506297.270	60S ribosomal protein L28, putative	0,4162	1,215E-08
TcCLB.510575.230	hypothetical protein, conserved	0,4161	0,000257
TcCLB.505071.90	protein phosphatase 2A, regulatory subunit B, putative	0,416	0,00003195
TcCLB.510435.50	AMP deaminase (pseudogene), putative	0,416	0,0007013
TcCLB.504887.10	dispersed gene family protein 1 (DGF-1), putative	0,4159	0,006231
TcCLB.504069.53	proteasome subunit alpha type-5, putative	0,4158	1,058E-06
TcCLB.507005.60	structural maintenance of chromosome (SMC) family prot	0,4157	7,283E-07
TcCLB.509641.10	hypothetical protein, conserved	0,4155	0,01257
TcCLB.445635.10	receptor-type adenylate cyclase (pseudogene), putative	0,415	0,0003772
TcCLB.503473.4	proteasome 26S non-ATPase subunit 9, putative	0,415	0,05757
TcCLB.511633.40	dynein light chain, putative	0,4149	0,005502
TcCLB.507265.30	DNA polymerase delta catalytic subunit, putative	0,4147	0,007247
TcCLB.510763.30	hypothetical protein, conserved	0,4146	0,0237
TcCLB.507729.10	dispersed gene family protein 1 (DGF-1), putative	0,4144	0,2776
TcCLB.506735.80	hypothetical protein, conserved	0,4143	0,00001133
TcCLB.407477.40	hypothetical protein, conserved	0,4143	0,00335
TcCLB.507041.30	hypothetical protein, conserved	0,4142	0,0006654
TcCLB.506869.30	hypothetical protein, conserved	0,4142	0,02616
TcCLB.506725.70	hypothetical protein, conserved	0,4139	0,0003312
TcCLB.403985.10	retrotransposon hot spot (RHS) protein, putative, (fragme	0,4137	0,0006962
TcCLB.511261.71	hypothetical protein, conserved (pseudogene)	0,4137	0,002916
TcCLB.509171.54	hypothetical protein, conserved	0,4137	0,007961
TcCLB.511661.30	hypothetical protein, conserved	0,4136	3,892E-08
TcCLB.509127.90	hypothetical protein, conserved	0,4136	0,00003232
TcCLB.508569.90	hypothetical protein, conserved	0,4136	0,0004093
TcCLB.506945.310	hypothetical protein, conserved	0,4136	0,0004188
TcCLB.509395.80	hypothetical protein, conserved	0,4135	0,0001442
TcCLB.510761.30	RNA re-capping enzyme, cytoplasmic, putative (Ce1)	0,4134	0,00001031
TcCLB.508001.90	hypothetical protein, conserved (pseudogene)	0,4134	0,07426
TcCLB.509875.90	retrotransposon hot spot protein (RHS, pseudogene), puta	0,4133	0,04876
TcCLB.508837.180	DNA polymerase I alpha catalytic subunit, putative	0,4132	4,006E-07
TcCLB.508277.140	phosphomevalonate kinase protein, putative	0,413	9,547E-07
TcCLB.507013.30	hypothetical protein, conserved	0,4128	0,01063
TcCLB.511209.40	hypothetical protein, conserved	0,4126	0,005538
TcCLB.510285.100	eukaryotic translation initiation factor 4 gamma, putative	0,4124	0,00000759
TcCLB.507099.60	hypothetical protein, conserved	0,4124	0,0001222
TcCLB.504147.50	amino acid transporter (pseudogene), putative	0,4123	0,002881
TcCLB.508845.5	retrotransposon hot spot protein (RHS, pseudogene), puta	0,4123	0,2649
TcCLB.510155.190	hypothetical protein, conserved	0,4121	0,0001119
TcCLB.509111.28	fucose kinase, putative	0,4121	0,08167

TcCLB.506829.10	hypothetical protein, conserved	0,4118	0,00002105
TcCLB.510307.250	trans-sialidase (pseudogene), putative	0,4118	0,003895
TcCLB.508551.39	hexose transporter, putative	0,4118	0,0166
TcCLB.508355.190	choline kinase	0,4117	0,00001542
TcCLB.508881.90	hypothetical protein, conserved	0,4117	0,0002844
TcCLB.504131.60	hypothetical protein, conserved	0,4114	0,0000782
TcCLB.510279.240	hypothetical protein	0,4114	0,0726
TcCLB.504883.60	hypothetical protein, conserved	0,411	0,00000109
TcCLB.509429.4	retrotransposon hot spot (RHS) protein, putative (fragmer	0,4109	3,276E-06
TcCLB.507491.70	hypothetical protein, conserved (pseudogene)	0,4109	9,189E-06
TcCLB.507021.20	ESAG8-associated protein, putative (PIE8)	0,4108	0,1609
TcCLB.504203.4	hypothetical protein, conserved	0,4106	0,0008535
TcCLB.511627.150	beta-ketoacyl-ACP reductase	0,4104	0,0005494
TcCLB.509437.160	trans-sialidase, Group IV, putative	0,4104	0,00124
TcCLB.506195.160	hypothetical protein, conserved	0,4104	0,001339
TcCLB.506525.90	hypothetical protein, conserved	0,4102	0,0004467
TcCLB.509461.80	hypothetical protein, conserved	0,4098	0,0001977
TcCLB.511661.120	protein kinase, putative	0,4097	1,268E-06
TcCLB.508741.200	hypothetical protein, conserved	0,4096	2,659E-06
TcCLB.506191.20	retrotransposon hot spot protein (RHS, pseudogene), puta	0,4096	0,004052
TcCLB.507603.150	dolichyl-P-Man:GDP-Man5GlcNAc2-PP-dolichyl alpha-1,2- $\alpha$	0,4094	0,0001262
TcCLB.507083.80	hypothetical protein, conserved	0,4094	0,00458
TcCLB.511415.50	retrotransposon hot spot protein (RHS, pseudogene), puta	0,4092	0,02372
TcCLB.511827.110	trans-sialidase, Group II, putative	0,4091	0,0002438
TcCLB.511821.120	hypothetical protein, conserved	0,409	0,0001558
TcCLB.504137.60	beta adaptin, putative	0,409	0,0003721
TcCLB.506797.60	hypothetical protein, conserved	0,409	0,0005461
TcCLB.507211.30	hypothetical protein, conserved	0,4089	0,003172
TcCLB.510155.120	ubiquitin activating enzyme, putative	0,4087	0,00005948
TcCLB.508401.50	hypothetical protein, conserved (pseudogene)	0,4087	0,0001922
TcCLB.511745.40	hypothetical protein, conserved	0,4087	0,0003259
TcCLB.510747.100	hypothetical protein, conserved	0,4086	0,000737
TcCLB.510737.50	hypothetical protein, conserved	0,4085	1,806E-06
TcCLB.507089.50	ATP-dependent DEAD/H RNA helicase, putative	0,4083	0,00009524
TcCLB.504213.10	hypothetical protein, conserved	0,4082	0,009247
TcCLB.503643.10	KU70 protein, putative	0,4081	0,000281
TcCLB.509215.19	hypothetical protein, conserved	0,408	0,003672
TcCLB.508543.129	hypothetical protein, conserved	0,4079	0,0002191
TcCLB.506265.40	hypothetical protein, conserved	0,4079	0,03193
TcCLB.511587.40	hypothetical protein, conserved (pseudogene)	0,4078	3,924E-06
TcCLB.508325.150	glycine dehydrogenase (pseudogene), putative	0,4078	9,159E-06
TcCLB.508273.10	AMP deaminase, putative	0,4078	0,00006659
TcCLB.511821.20	hypothetical protein, conserved	0,4078	0,001326
TcCLB.506855.350	hypothetical protein	0,4078	0,003796
TcCLB.508221.20	trans-sialidase (pseudogene), putative	0,4078	0,05887

TcCLB.511391.24	dispersed gene family protein 1 (DGF-1, pseudogene), put	0,4076	0,006233
TcCLB.507951.114	high mobility group protein, putative	0,4074	0,0002574
TcCLB.424123.20	paraflagellar rod component, putative (PFC16)	0,4074	0,01486
TcCLB.511867.110	flap endonuclease-1 (FEN-1), putative	0,4073	0,0001408
TcCLB.504051.49	hypothetical protein, conserved	0,4073	0,01046
TcCLB.510761.76	UDP-glucuronosyl and UDP-glucosyl transferase, putative	0,4072	0,001521
TcCLB.503685.20	hypothetical protein, conserved	0,4072	0,002686
TcCLB.482425.10	retrotransposon hot spot (RHS) protein, putative	0,4071	0,1796
TcCLB.506297.94	60S ribosomal protein L24, putative	0,4067	0,0003515
TcCLB.508153.1020	hypothetical protein, conserved	0,4065	0,002463
TcCLB.507711.150	Ubiquitin-like modifier-activating enzyme ATG7, putative	0,4064	0,0004542
TcCLB.510819.30	hypothetical protein	0,4064	0,00418
TcCLB.511807.70	heat shock protein DNAJ, putative	0,4063	0,00005779
TcCLB.511867.150	hypothetical protein, conserved	0,4063	0,004026
TcCLB.506797.90	short chain dehydrogenase/reductase, putative	0,4061	0,0002152
TcCLB.507603.20	translation initiation factor EIF-2b alpha subunit, putative	0,4061	0,007629
TcCLB.508711.10	Tetratricopeptide-like helical domain containing protein (I	0,406	6,667E-09
TcCLB.404001.20	hypothetical protein, conserved	0,406	0,00001343
TcCLB.507517.10	hypothetical protein, conserved	0,4058	0,00008889
TcCLB.508153.710	hypothetical protein	0,4057	0,0008229
TcCLB.508211.40	hypothetical protein, conserved	0,4056	0,0000508
TcCLB.507609.80	hypothetical protein, conserved	0,4055	0,02854
TcCLB.506831.66	hypothetical protein, conserved	0,4054	0,02272
TcCLB.507053.10	50S ribosomal protein L7Ae, putative	0,4053	0,00002405
TcCLB.506925.140	DNA repair protein, putative	0,4053	0,00003994
TcCLB.506895.30	hypothetical protein, conserved	0,4053	0,004767
TcCLB.510659.250	phospholipase A1, putative	0,4052	0,0001332
TcCLB.503755.20	hypothetical protein	0,405	0,0001097
TcCLB.506471.19	hypothetical protein, conserved	0,405	0,02632
TcCLB.511827.80	hypothetical protein, conserved	0,4046	0,001499
TcCLB.422955.10	hypothetical protein, conserved (pseudogene)	0,4044	0,0008873
TcCLB.503903.30	hypothetical protein	0,4044	0,0009136
TcCLB.510345.20	hypothetical protein	0,4043	0,01139
TcCLB.511827.40	hypothetical protein, conserved	0,4042	0,0001893
TcCLB.508693.199	hypothetical protein, conserved	0,4042	0,0003745
TcCLB.511321.20	hypothetical protein, conserved	0,404	3,595E-06
TcCLB.509695.90	intraflagellar transport protein 172, putative (IFT172)	0,4038	0,00008332
TcCLB.418185.46	N-acetyltransferase complex ARD1 subunit (pseudogene),	0,4037	0,1301
TcCLB.510465.10	dispersed gene family protein 1 (DGF-1), putative	0,4037	0,335
TcCLB.509455.70	DNA polymerase delta subunit 2, putative	0,4035	0,00009315
TcCLB.507397.9	dispersed gene family protein 1 (DGF-1), putative	0,4035	0,5342
TcCLB.507951.70	hypothetical protein	0,4034	0,007369
TcCLB.503955.40	trans-sialidase, Group II, putative	0,403	0,0000389
TcCLB.507923.40	hypothetical protein, conserved	0,4028	0,00134
TcCLB.506855.280	DNA repair and recombination helicase protein PIF6, puta	0,4027	0,00007117

TcCLB.506471.110	retrotransposon hot spot protein (RHS, pseudogene), puta	0,4027	0,0003384
TcCLB.509175.18	hypothetical protein, conserved	0,4027	0,0122
TcCLB.504839.50	nucleosome assembly protein-like protein, putative	0,4026	0,00001842
TcCLB.511045.20	hypothetical protein, conserved	0,4025	0,01123
TcCLB.511923.130	hypothetical protein, conserved	0,4021	0,0003871
TcCLB.510187.60	glyceraldehyde 3-phosphate dehydrogenase, cytosolic, put	0,402	0,002259
TcCLB.509669.70	hypothetical protein, conserved	0,4019	5,881E-08
TcCLB.509485.70	retrotransposon hot spot protein (RHS, pseudogene), puta	0,4019	0,003162
TcCLB.410961.10	phosphatidylinositol kinase related protein, putative	0,4019	0,1205
TcCLB.457101.10	hypothetical protein, conserved	0,4018	0,00002202
TcCLB.506227.30	hypothetical protein, conserved	0,4017	0,0001147
TcCLB.508445.10	rab11B GTPase, putative	0,4017	0,0003069
TcCLB.508837.100	hypothetical protein, conserved	0,4016	0,009227
TcCLB.503847.20	myosin heavy chain, putative	0,4012	0,00004317
TcCLB.511283.320	hypothetical protein, conserved	0,4012	0,004043
TcCLB.504067.10	dispersed gene family protein 1 (DGF-1), putative	0,4012	0,214
TcCLB.509925.70	dispersed gene family protein 1 (DGF-1), putative	0,4011	0,02429
TcCLB.510431.245	hypothetical protein, conserved (pseudogene)	0,401	0,009725
TcCLB.510661.19	ubiquitin-activating enzyme E1, putative (fragment)	0,4008	0,001831
TcCLB.508897.100	dynein light chain, putative	0,4006	0,003203
TcCLB.509643.40	hypothetical protein, conserved	0,4006	0,005157
TcCLB.511727.40	ubiquitin-conjugating enzyme E2, putative	0,4005	7,672E-06
TcCLB.508921.20	hypothetical protein, conserved	0,4004	0,009536
TcCLB.511001.220	hypothetical protein, conserved	0,4003	0,00007006
TcCLB.510087.90	hypothetical protein, conserved	0,4003	0,02313
TcCLB.511557.10	serine peptidase, clan SC, family S9A-like protein (OPB)	0,4	5,02E-07
TcCLB.508173.210	hypothetical protein, conserved	0,4	0,00005273
TcCLB.508089.71	hypothetical protein	0,3999	0,01557
TcCLB.506529.440	hypothetical protein, conserved	0,3997	0,0005172
TcCLB.507873.40	hypothetical protein, conserved	0,3997	0,01159
TcCLB.511301.100	hypothetical protein, conserved	0,3996	0,0005651
TcCLB.511367.190	hypothetical protein, conserved	0,3995	0,0000811
TcCLB.511131.70	hypothetical protein, conserved	0,3995	0,002336
TcCLB.507711.270	hypothetical protein, conserved	0,3994	0,004723
TcCLB.509103.30	hypothetical protein, conserved	0,3994	0,03588
TcCLB.504741.160	ribosomal protein L11, putative	0,3992	0,002786
TcCLB.503527.50	hypothetical protein, conserved	0,3992	0,004532
TcCLB.504149.210	N-acetyltransferase complex ARD1 subunit (pseudogene),	0,399	0,06526
TcCLB.508837.34	dispersed gene family protein 1 (DGF-1), putative (fragmε	0,3988	0,004861
TcCLB.508523.10	retrotransposon hot spot protein (RHS, pseudogene), puta	0,3986	0,007058
TcCLB.510305.79	hypothetical protein, conserved	0,3984	8,329E-07
TcCLB.506843.80	trans-sialidase (pseudogene), putative	0,3983	0,03068
TcCLB.408485.20	retrotransposon hot spot protein (RHS, pseudogene), puta	0,3983	0,04192
TcCLB.509373.21	elongation factor 1-gamma (EF-1-gamma, pseudogene),	0,3983	0,1464
TcCLB.510299.40	hypothetical protein, conserved	0,3982	0,00009878

TcCLB.506789.330	hypothetical protein, conserved	0,3982	0,0008516
TcCLB.506857.10	glycogen synthase kinase-3 alpha, putative	0,3982	0,0027
TcCLB.506127.40	hypothetical protein, conserved	0,398	0,002858
TcCLB.508897.20	signal recognition particle protein, putative	0,3979	0,00000092
TcCLB.507011.170	hypothetical protein, conserved	0,3978	0,0004097
TcCLB.509261.20	aminopeptidase, putative	0,3973	0,00001643
TcCLB.507213.10	hypothetical protein, conserved	0,3973	0,00001672
TcCLB.511751.60	hypothetical protein, conserved	0,397	0,00003602
TcCLB.509053.130	DnaJ chaperone protein, putative	0,397	0,004563
TcCLB.506419.60	nucleoporin (NUP54/57), putative	0,3969	0,0000794
TcCLB.510153.10	hypothetical protein, conserved	0,3964	0,0002786
TcCLB.508805.30	choline/ethanolamine kinase (pseudogene), putative	0,3964	0,0008609
TcCLB.510187.500	serine/threonine protein phosphatase 2B catalytic subunit	0,3964	0,0008897
TcCLB.506977.90	proteasome regulatory non-ATP-ase subunit 5, putative (F	0,3962	7,135E-09
TcCLB.511807.290	hypothetical protein, conserved	0,3959	0,00003543
TcCLB.509809.20	chaperone DNAJ protein, putative	0,3959	0,000945
TcCLB.510253.10	hypothetical protein, conserved	0,3959	0,002763
TcCLB.505997.10	retrotransposon hot spot (RHS) protein, putative	0,3957	0,005753
TcCLB.506513.60	ADP-ribosylation factor, putative (ARL-1)	0,3956	0,001879
TcCLB.510765.70	60S ribosomal protein L5, putative	0,3955	0,0005731
TcCLB.510579.20	Peptide deformylase 2, putative (PDF2)	0,3954	0,0003815
TcCLB.506563.100	hypothetical protein, conserved	0,3951	0,00005558
TcCLB.509453.50	serine/threonine-protein phosphatase	0,3951	0,003582
TcCLB.508231.70	hypothetical protein, conserved	0,3951	0,00521
TcCLB.508461.190	hypothetical protein, conserved	0,3948	0,0000276
TcCLB.506529.546	hypothetical protein	0,3948	0,2751
TcCLB.506885.440	hypothetical protein, conserved	0,3947	0,0001046
TcCLB.409139.9	trans-sialidase, putative	0,3947	0,3718
TcCLB.511127.330	kinetoplastid kinetochore protein 19, putative (kkt19)	0,3946	0,04179
TcCLB.508239.40	palmitoyl acyltransferase 8, putative	0,3943	0,003657
TcCLB.509065.33	hypothetical protein, conserved	0,3943	0,01207
TcCLB.508355.431	chaperonin containing t-complex protein, putative (fragm	0,3941	0,2601
TcCLB.511693.60	hypothetical protein, conserved	0,394	0,02371
TcCLB.508547.201	ubiquitin-protein ligase, putative (fragment)	0,394	0,07016
TcCLB.510661.60	glycerol kinase, glycosomal, putative	0,3938	0,0000706
TcCLB.509105.94	hypothetical protein, conserved	0,3938	0,02551
TcCLB.507213.60	retrotransposon hot spot protein (RHS, pseudogene), puta	0,3934	0,002402
TcCLB.508181.60	hypothetical protein, conserved	0,3933	6,519E-06
TcCLB.508221.502	hypothetical protein, conserved (pseudogene)	0,3933	0,1093
TcCLB.506743.160	protein kinase, putative	0,3929	0,0001273
TcCLB.506717.60	retrotransposon hot spot protein (RHS, pseudogene), puta	0,3928	0,0001412
TcCLB.507907.30	retrotransposon hot spot (RHS) protein, putative	0,3928	0,1015
TcCLB.413293.9	trans-sialidase, putative (fragment)	0,3928	0,2055
TcCLB.507499.60	retrotransposon hot spot protein (RHS, pseudogene), puta	0,3926	2,814E-06
TcCLB.509729.10	hypothetical protein, conserved	0,3925	0,000128



TcCLB.510091.100	hypothetical protein, conserved	0,3925	0,007683
TcCLB.508179.50	hypothetical protein, conserved	0,3924	0,001472
TcCLB.508413.76	kinetoplastid membrane protein KMP-11	0,3924	0,005112
TcCLB.447255.20	Sir2-related protein 3, putative (SIR2rp3)	0,3923	0,004863
TcCLB.508909.300	hypothetical protein, conserved	0,3922	0,000649
TcCLB.506025.40	hypothetical protein, conserved	0,3919	0,00004528
TcCLB.506851.20	choline dehydrogenase, putative	0,3918	0,0000176
TcCLB.506605.180	hypothetical protein, conserved	0,3918	0,0006416
TcCLB.509229.120	hypothetical protein, conserved	0,3917	0,003204
TcCLB.508173.170	protein kinase, putative	0,3914	0,00002552
TcCLB.506401.304	mitochondrial carrier protein, putative	0,3914	0,0001277
TcCLB.506835.110	protein mkt1, putative	0,3912	3,365E-06
TcCLB.506573.70	hypothetical protein, conserved	0,3912	0,01105
TcCLB.506457.60	2-aminoethylphosphonate:pyruvateaminotransferase- like	0,3911	0,001634
TcCLB.511239.20	hypothetical protein, conserved	0,391	0,00132
TcCLB.506795.70	hypothetical protein, conserved	0,391	0,02068
TcCLB.509911.110	hypothetical protein, conserved	0,3909	0,004235
TcCLB.507041.40	hypothetical protein, conserved	0,3907	0,00001449
TcCLB.504175.20	hypothetical protein, conserved	0,3906	0,01265
TcCLB.507023.210	hypothetical protein, conserved	0,3906	0,03461
TcCLB.509643.90	serine peptidase, putative	0,3905	0,0004084
TcCLB.507949.50	SSU ribosomal protein, mitochondrial, putative (MRPS15)	0,3904	0,0003181
TcCLB.506999.20	hypothetical protein, conserved	0,3903	0,0000194
TcCLB.506869.50	calcineurin B subunit, putative (CNB)	0,3902	0,01878
TcCLB.506979.30	hypothetical protein	0,3902	0,2005
TcCLB.511071.10	hypothetical protein, conserved	0,3901	0,0001509
TcCLB.506883.30	ribosome-interacting GTPase 2, putative	0,3901	0,0003019
TcCLB.508973.30	NUDIX family hydrolase, putative	0,3901	0,004158
TcCLB.507875.150	damage-specific DNA binding protein (pseudogene), putative	0,3899	0,009616
TcCLB.510571.20	leucine-rich repeat protein 1 (LRRP1), putative	0,3899	0,01842
TcCLB.509047.20	hypothetical protein	0,3897	0,001245
TcCLB.511821.30	Mu-adaptin 1, putative	0,3896	0,0006178
TcCLB.509393.40	hypothetical protein	0,3895	0,00002727
TcCLB.511695.10	hypothetical protein	0,3895	0,1169
TcCLB.503877.19	hypothetical protein, conserved	0,3894	0,03005
TcCLB.504071.90	glycosyltransferase family 28 protein, putative	0,3889	0,000249
TcCLB.508501.210	hypothetical protein, conserved	0,3889	0,00228
TcCLB.510903.80	retrotransposon hot spot protein (RHS, pseudogene), putative	0,3887	4,291E-06
TcCLB.506473.6	hypothetical protein, conserved	0,3882	0,0005835
TcCLB.510953.40	hypothetical protein, conserved	0,3882	0,00213
TcCLB.506303.20	cell division cycle protein 45 (CDC45), putative	0,3881	0,001724
TcCLB.506305.5	hypothetical protein, conserved	0,3881	0,009099
TcCLB.506925.420	hypothetical protein, conserved	0,3879	0,007255
TcCLB.508231.190	ABC transporter, putative	0,3878	0,0002859
TcCLB.510599.14	acetyl-CoA carboxylase (fragment)	0,3872	9,493E-06

TcCLB.506691.80	hypothetical protein, conserved	0,3872	0,0002193
TcCLB.506515.10	FG-GAP repeat protein, putative	0,3872	0,0002859
TcCLB.510947.30	hypothetical protein, conserved	0,3872	0,01108
TcCLB.510737.110	replication factor C, subunit 3, putative	0,3871	0,00127
TcCLB.508515.40	protein kinase, putative	0,3871	0,02242
TcCLB.506337.210	signal recognition particle receptor like protein, putative	0,3869	0,00009675
TcCLB.509391.20	flagellar calcium-binding protein, putative	0,3869	0,4988
TcCLB.418221.10	hypothetical protein, conserved	0,3868	0,00001537
TcCLB.508173.180	nuclear transport factor (MTR2)	0,3867	8,307E-06
TcCLB.505193.10	serine/threonine protein phosphatase-like protein, putative	0,3867	0,002106
TcCLB.511487.90	trans-sialidase, Group V, putative	0,3867	0,1716
TcCLB.507513.30	hypothetical protein, conserved	0,3866	0,05422
TcCLB.506435.20	hypothetical protein, conserved	0,3863	9,828E-06
TcCLB.510691.10	1,2-Dihydroxy-3-keto-5-methylthiopentene dioxygenase, putative	0,3863	0,001667
TcCLB.509161.135	hypothetical protein, conserved	0,3861	0,005294
TcCLB.510647.30	tryptophanyl-tRNA synthetase, putative	0,386	0,0001979
TcCLB.508851.100	cyclophilin-like protein, putative	0,386	0,02251
TcCLB.507201.9	dispersed gene family protein 1 (DGF-1), putative	0,3859	0,02166
TcCLB.510381.40	hypothetical protein, conserved	0,3858	0,0002278
TcCLB.510565.125	hypothetical protein, conserved	0,3856	0,05547
TcCLB.510737.100	hypothetical protein, conserved	0,3855	0,00003783
TcCLB.504147.90	hypothetical protein, conserved	0,3854	0,001251
TcCLB.505963.9	dispersed gene family protein 1 (DGF-1), putative (fragment)	0,3854	0,08955
TcCLB.511807.3	N-acetyltransferase complex ARD1 subunit (pseudogene), putative	0,3848	0,0372
TcCLB.510439.50	hypothetical protein, conserved	0,3843	0,0001727
TcCLB.506321.300	hypothetical protein, conserved	0,3843	0,0004239
TcCLB.503713.10	hypothetical protein, conserved	0,3843	0,009555
TcCLB.511171.25	hypothetical protein, conserved (pseudogene)	0,384	0,03768
TcCLB.510187.551	chaperonin HSP60, mitochondrial precursor, putative (fragment)	0,3837	0,003874
TcCLB.503831.20	oxidoreductase, putative	0,3837	0,004329
TcCLB.508173.120	trans-sialidase, Group I, putative	0,3836	3,103E-06
TcCLB.510515.110	hypothetical protein, conserved	0,3833	0,0001929
TcCLB.511249.50	hypothetical protein, conserved	0,3832	0,0003865
TcCLB.510121.110	hypothetical protein, conserved	0,383	0,00003044
TcCLB.511425.40	hypothetical protein, conserved	0,383	0,001141
TcCLB.507709.80	hypothetical protein, conserved	0,383	0,002051
TcCLB.508023.150	trans-sialidase (pseudogene), putative	0,3829	0,001063
TcCLB.511589.220	hypothetical protein, conserved	0,3829	0,007848
TcCLB.507485.34	DNA-directed RNA polymerase III subunit, putative	0,3829	0,3858
TcCLB.506943.100	hypothetical protein, conserved	0,3828	6,624E-06
TcCLB.506885.80	hypothetical protein	0,3827	0,0002815
TcCLB.508839.20	hypothetical protein, conserved	0,3827	0,0007995
TcCLB.510655.90	Importin 1 (IMP1)	0,3826	5,375E-08
TcCLB.509747.110	hypothetical protein, conserved	0,3824	0,0008775
TcCLB.508871.160	hypothetical protein	0,3824	0,3911

TcCLB.506831.60	hypothetical protein, conserved	0,3823	0,001023
TcCLB.407335.9	phosphatidylserine decarboxylase, putative	0,3823	0,05101
TcCLB.509341.20	hypothetical protein, conserved	0,3822	3,076E-06
TcCLB.507997.54	Alpha/beta hydrolase domain-containing protein	0,3822	0,0008811
TcCLB.505965.60	hypothetical protein, conserved	0,382	0,01009
TcCLB.507519.190	protein kinase (pseudogene), putative	0,3819	0,1779
TcCLB.507089.200	chloride channel protein, putative	0,3818	0,00001907
TcCLB.511127.320	kinetoplastid kinetochore protein 10, putative (kkt10)	0,3818	0,004507
TcCLB.510315.30	hypothetical protein, conserved	0,3818	0,007651
TcCLB.507967.30	hypothetical protein, conserved (fragment)	0,3815	0,006475
TcCLB.504015.21	elongation factor 1-gamma (EF-1-gamma, pseudogene),	0,3807	0,304
TcCLB.506661.60	hypothetical protein, conserved	0,3806	0,001451
TcCLB.503925.80	CDP-diacylglycerol--inositol 3-phosphatidyltransferase	0,3806	0,008292
TcCLB.510661.279	hypothetical protein, conserved	0,3806	0,009719
TcCLB.508805.110	hypothetical protein	0,3806	0,1651
TcCLB.506413.70	hypothetical protein, conserved	0,3804	0,001142
TcCLB.506009.90	hypothetical protein, conserved	0,3799	0,0001887
TcCLB.507027.70	hypothetical protein, conserved	0,3798	0,0003972
TcCLB.504427.130	5'-3' exoribonuclease C, putative (XRNC)	0,3798	0,000607
TcCLB.508273.40	hypothetical protein, conserved	0,3798	0,001066
TcCLB.429185.20	trans-sialidase (pseudogene), putative	0,3798	0,282
TcCLB.511429.30	conserved protein, unknown function	0,3797	0,00002859
TcCLB.509599.120	hypothetical protein, conserved	0,3797	0,004022
TcCLB.510031.20	NADH-ubiquinone oxidoreductase complex I subunit, puta	0,3795	0,007115
TcCLB.510493.20	hypothetical protein, conserved	0,3795	0,02651
TcCLB.508569.120	hypothetical protein, conserved	0,3792	0,00005
TcCLB.510947.50	cyclophilin, putative (CYP)	0,3792	0,005502
TcCLB.506425.120	eRF1 methyltransferase catalytic subunit, putative	0,3789	0,03186
TcCLB.506789.220	hypothetical protein, conserved	0,3788	0,0002295
TcCLB.507609.20	hypothetical protein, conserved	0,3788	0,04623
TcCLB.508529.10	retrotransposon hot spot (RHS) protein, putative, (fragme	0,3787	0,004159
TcCLB.511211.80	hypothetical protein, conserved	0,3786	0,004585
TcCLB.510667.80	hypothetical protein, conserved	0,3786	0,006667
TcCLB.510533.180	microtubule-associated protein 1A/1B, light chain 3, puta	0,3785	0,05618
TcCLB.503935.4	hypothetical protein, conserved (pseudogene)	0,3784	0,02574
TcCLB.506583.10	U2 small nuclear ribonucleoprotein 16.5K, putative	0,3783	0,006768
TcCLB.506247.320	methyltransferase, putative	0,3781	0,0001004
TcCLB.510359.34	hypothetical protein, conserved	0,378	0,01276
TcCLB.511807.10	hypothetical protein, conserved (pseudogene)	0,3777	7,288E-06
TcCLB.507167.140	trans-sialidase (pseudogene), putative	0,3776	0,1806
TcCLB.508461.400	nucleoside diphosphate kinase (NDPK2)	0,3775	0,000809
TcCLB.509205.70	hypothetical protein, conserved	0,3774	0,002056
TcCLB.508121.30	trans-sialidase (pseudogene), putative	0,3774	0,01394
TcCLB.508857.110	hypothetical protein, conserved	0,3774	0,01833
TcCLB.510691.30	hypothetical protein, conserved	0,3773	0,0004686

TcCLB.511239.30	hypothetical protein, conserved	0,3771	0,01565
TcCLB.510611.79	Present in the outer mitochondrial membrane proteome	0,3769	0,01175
TcCLB.511593.51	elongation factor 1-gamma (EF-1-gamma, pseudogene),	0,3769	0,0733
TcCLB.510655.30	helicase, putative	0,3764	1,595E-06
TcCLB.506945.270	cyclin, putative	0,3763	0,0006055
TcCLB.510943.90	hypothetical protein, conserved	0,3763	0,03534
TcCLB.510941.6	hypothetical protein, conserved	0,376	0,0005668
TcCLB.509717.30	hypothetical protein, conserved	0,376	0,0007451
TcCLB.510437.10	dynein heavy chain, putative	0,376	0,004548
TcCLB.508259.20	dispersed gene family protein 1 (DGF-1, pseudogene), put	0,376	0,2001
TcCLB.508717.36	selenophosphate synthetase, putative	0,3756	0,0002862
TcCLB.507625.70	hypothetical protein, conserved	0,3753	0,0001348
TcCLB.504867.120	hypothetical protein	0,3749	0,00004237
TcCLB.504147.260	hypothetical protein, conserved	0,3749	0,0005096
TcCLB.503395.20	hypothetical protein, conserved	0,3749	0,0179
TcCLB.511545.60	hypothetical protein	0,3749	0,06004
TcCLB.508163.105	elongation factor 1-gamma (EF-1-gamma, pseudogene),	0,3748	0,361
TcCLB.503839.5	chloride channel protein, putative	0,3746	0,02785
TcCLB.507949.69	DNA-directed RNA polymerase 2, RPB12 subunit, putative	0,3744	0,003799
TcCLB.506959.90	hypothetical protein, conserved	0,374	1,509E-06
TcCLB.508307.50	hypothetical protein, conserved	0,3738	0,0002853
TcCLB.508479.120	pumilio/PUF RNA binding protein 8, putative (PUF8)	0,3737	5,282E-06
TcCLB.509717.9	hypothetical protein (pseudogene)	0,3737	0,09823
TcCLB.506775.30	tubulin-tyrosine ligase-like protein, putative	0,3736	0,00009692
TcCLB.511829.5	trans-sialidase (pseudogene), putative	0,3736	0,009684
TcCLB.509669.75	hypothetical protein	0,3736	0,01467
TcCLB.511369.5	elongation factor 1-alpha, putative (fragment)	0,3734	0,297
TcCLB.506559.220	hypothetical protein, conserved	0,3733	0,0009016
TcCLB.511585.230	trans-sialidase, Group II, putative	0,3732	0,005151
TcCLB.506559.314	hypothetical protein, conserved	0,3731	0,01855
TcCLB.506513.170	hypothetical protein, conserved (pseudogene)	0,373	0,0002042
TcCLB.507689.20	hypothetical protein	0,3729	0,01789
TcCLB.507221.70	hypothetical protein, conserved	0,3724	0,03043
TcCLB.507133.20	trans-sialidase, putative (fragment)	0,3724	0,04278
TcCLB.508741.190	hypothetical protein, conserved	0,3722	0,0004905
TcCLB.508567.49	hypothetical protein, conserved	0,3722	0,03227
TcCLB.507793.50	hypothetical protein, conserved	0,3721	0,06659
TcCLB.510879.140	hypothetical protein, conserved	0,372	0,001145
TcCLB.511221.20	hypothetical protein	0,372	0,124
TcCLB.506297.160	40S ribosomal protein S5, putative	0,3719	0,0002028
TcCLB.508649.10	beta propeller protein, putative	0,3718	0,0001904
TcCLB.463451.4	hypothetical protein, conserved	0,3717	0,0457
TcCLB.508381.20	hypothetical protein, conserved (pseudogene)	0,3717	0,07238
TcCLB.505971.20	hypothetical protein	0,3715	0,04923
TcCLB.509683.40	hypothetical protein, conserved	0,3712	0,001076

TcCLB.509427.10	trans-sialidase, Group II, putative	0,3712	0,1867
TcCLB.504009.10	hypothetical protein, conserved	0,3709	0,0006684
TcCLB.511907.50	lysophospholipase, putative	0,3708	0,0001581
TcCLB.509569.120	RNA-binding protein, putative	0,3708	0,0002467
TcCLB.506959.60	hypothetical protein, conserved	0,3705	0,006259
TcCLB.509905.190	elongation factor 1-gamma (EF-1-gamma, pseudogene),	0,3703	0,1249
TcCLB.510745.20	hypothetical protein, conserved	0,3702	0,002739
TcCLB.511459.40	hypothetical protein, conserved	0,3701	0,0006886
TcCLB.503735.10	hypothetical protein, conserved	0,37	0,0201
TcCLB.506945.80	DNA ligase I, putative	0,3699	0,00003548
TcCLB.480653.10	hypothetical protein, conserved	0,3695	0,01864
TcCLB.511735.10	chaperonin HSP60/CNP60, putative	0,3695	0,0314
TcCLB.507993.220	ARF-like 2-binding protein, putative	0,3695	0,06179
TcCLB.508647.40	replication factor C large subunit, putative	0,3693	7,087E-07
TcCLB.509885.40	hypothetical protein, conserved	0,3693	0,0005518
TcCLB.511903.190	STOP axonemal protein, putative	0,3692	0,003086
TcCLB.511471.60	protein kinase, putative	0,3692	0,2245
TcCLB.511731.24	hypothetical protein	0,3691	0,001044
TcCLB.506961.110	hypothetical protein, conserved (pseudogene)	0,369	0,00008615
TcCLB.508415.30	hypothetical protein	0,369	0,0004199
TcCLB.507993.89	hypothetical protein, conserved	0,369	0,01927
TcCLB.507063.240	hypothetical protein, conserved (pseudogene)	0,3689	2,999E-06
TcCLB.508409.110	hypothetical protein, conserved	0,3689	0,0005465
TcCLB.511817.90	hypothetical protein, conserved	0,3689	0,002689
TcCLB.503995.20	hypothetical protein, conserved	0,3689	0,00323
TcCLB.508153.1050	hypothetical protein, conserved	0,3687	8,098E-06
TcCLB.511517.70	RNA-binding protein, putative	0,3687	0,000369
TcCLB.506869.34	hypothetical protein, conserved	0,3686	0,003543
TcCLB.506727.40	hypothetical protein, conserved	0,3685	0,02591
TcCLB.506859.150	hypothetical protein	0,3684	0,00003069
TcCLB.506567.20	hypothetical protein	0,3682	0,008078
TcCLB.504867.110	hypothetical protein, conserved	0,3681	0,008241
TcCLB.510143.50	hypothetical protein, conserved	0,3681	0,009568
TcCLB.509445.30	solanesyl-diphosphate synthase (SPPS)	0,3676	5,298E-06
TcCLB.510065.20	DNA repair protein, putative	0,3674	0,00005941
TcCLB.506295.140	hypothetical protein, conserved	0,3673	0,0009298
TcCLB.511445.140	hypothetical protein	0,3673	0,001715
TcCLB.511825.10	hypothetical protein, conserved	0,3672	0,0005768
TcCLB.506581.10	dolicholphosphate-mannose synthase, putative (DPMS)	0,3672	0,02481
TcCLB.508621.30	choline/carnitine O-acyltransferase (pseudogene), putativ	0,3671	0,00001617
TcCLB.507951.80	Present in the outer mitochondrial membrane proteome 2	0,3671	0,0005138
TcCLB.506855.90	structural maintenance of chromosome protein 4, putativ	0,367	5,456E-06
TcCLB.406933.10	retrotransposon hot spot (RHS) protein, putative	0,367	0,0244
TcCLB.508153.420	hypothetical protein, conserved	0,3669	0,00006822
TcCLB.503939.50	hypothetical protein, conserved	0,3668	0,00004885

TcCLB.504741.250	protein kinase, putative	0,3666	0,0001042
TcCLB.506679.130	hypothetical protein, conserved	0,3666	0,001079
TcCLB.509823.10	hypothetical protein, conserved	0,3666	0,01613
TcCLB.511467.10	hypothetical protein, conserved	0,3664	0,001654
TcCLB.505333.30	hypothetical protein, conserved (pseudogene)	0,3664	0,17
TcCLB.511367.320	hypothetical protein, conserved	0,3663	0,0005745
TcCLB.509911.70	mu-adaptin 4, putative	0,3663	0,003399
TcCLB.508199.20	hypothetical protein, conserved	0,3661	0,006896
TcCLB.508973.50	ATP-dependent DEAD/H RNA helicase, putative	0,366	0,0001139
TcCLB.503541.10	hypothetical protein, conserved	0,3659	0,007413
TcCLB.510747.40	surface protease GP63, putative	0,3659	0,0382
TcCLB.507275.20	hypothetical protein, conserved	0,3658	0,00001248
TcCLB.511391.180	Golgi/lysosome glycoprotein 1, putative (GLP1)	0,3657	0,00002847
TcCLB.508355.170	hypothetical protein, conserved	0,3657	0,0004649
TcCLB.506173.170	retrotransposon hot spot protein (RHS, pseudogene), puta	0,3656	0,003307
TcCLB.508239.30	neurobeachin/beige-like protein, putative	0,3654	7,127E-07
TcCLB.511649.130	vesicle-associated membrane protein, putative	0,3654	0,0001954
TcCLB.509769.148	dynein heavy chain, putative	0,3654	0,007811
TcCLB.509717.34	hypothetical protein, conserved	0,3654	0,009884
TcCLB.509775.30	hypothetical protein, conserved	0,3652	0,00002626
TcCLB.507503.11	protein kinase (pseudogene), putative	0,3652	0,00008082
TcCLB.508181.110	hypothetical protein, conserved	0,3652	0,0001732
TcCLB.506619.49	ras-related protein Rab21, putative	0,3651	0,0007535
TcCLB.509419.230	trans-sialidase (pseudogene), putative	0,3649	0,03362
TcCLB.509671.99	hypothetical protein, conserved	0,3649	0,04858
TcCLB.508577.140	cyclophilin, putative	0,3648	0,0002206
TcCLB.504021.80	hypothetical protein, conserved	0,3647	0,006082
TcCLB.504171.59	pseudouridine synthase TruD, putative	0,3647	0,01512
TcCLB.503431.40	hypothetical protein, conserved	0,3647	0,0155
TcCLB.508139.10	retrotransposon hot spot (RHS) protein, putative	0,3646	0,04387
TcCLB.509631.160	hypothetical protein, conserved	0,3645	0,003887
TcCLB.507437.30	trans-sialidase (pseudogene), putative	0,364	0,1303
TcCLB.511281.59	hypothetical protein, conserved	0,3637	0,0008282
TcCLB.509895.80	ATP-dependent zinc metallopeptidase (pseudogene), puta	0,3635	0,0001773
TcCLB.507867.50	hypothetical protein, conserved	0,3635	0,01261
TcCLB.506485.20	hypothetical protein, conserved	0,3634	0,002212
TcCLB.510895.9	hypothetical protein, conserved (fragment)	0,3632	0,00001095
TcCLB.505009.40	hypothetical protein, conserved	0,3632	0,002165
TcCLB.506729.80	hypothetical protein, conserved	0,3632	0,007457
TcCLB.510943.33	fatty acyl CoA synthetase, putative	0,3631	0,003224
TcCLB.511761.89	hypothetical protein, conserved (fragment)	0,3631	0,04687
TcCLB.511231.69	hypothetical protein, conserved	0,3629	0,0004115
TcCLB.507985.20	retrotransposon hot spot protein (RHS, pseudogene), puta	0,3628	0,0389
TcCLB.415331.10	trans-sialidase (pseudogene), putative	0,3627	0,003251
TcCLB.509203.10	2,3-bisphosphoglycerate-independent phosphoglycerate n	0,3625	0,09133

TcCLB.506871.100	polypeptide deformylase-like protein, putative	0,3624	0,001678
TcCLB.510577.10	hypothetical protein, conserved	0,3624	0,3094
TcCLB.511535.30	hypothetical protein, conserved	0,3623	0,0001235
TcCLB.510347.60	protein kinase, putative	0,3622	0,002882
TcCLB.508689.5	hypothetical protein, conserved (pseudogene)	0,3621	0,04137
TcCLB.506919.10	hypothetical protein	0,362	0,1516
TcCLB.506915.10	hypothetical protein, conserved	0,3619	0,00008364
TcCLB.510101.290	hypothetical protein, conserved	0,3616	1,516E-07
TcCLB.510055.60	hypothetical protein, conserved	0,3616	0,00002695
TcCLB.504505.10	retrotransposon hot spot protein (RHS, pseudogene), puta	0,3615	0,002412
TcCLB.511277.539	hypothetical protein, conserved	0,3615	0,01953
TcCLB.511231.80	Nascent polypeptide-associated complex subunit beta, pu	0,3614	0,02404
TcCLB.511421.210	hypothetical protein, conserved	0,3612	0,00006592
TcCLB.508181.80	hypothetical protein, conserved	0,3612	0,0005094
TcCLB.507499.53	ATP-dependent DEAD/H RNA helicase (pseudogene), puta	0,3612	0,06768
TcCLB.511641.5	fucose kinase, putative	0,3612	0,1183
TcCLB.509627.40	succinate dehydrogenase subunit (SDH9)	0,3611	0,003073
TcCLB.509287.240	dispersed gene family protein 1 (DGF-1), putative	0,3611	0,02058
TcCLB.505807.50	hypothetical protein, conserved	0,361	0,01413
TcCLB.509607.30	splicing factor TSR1, putative	0,3607	0,0001743
TcCLB.445849.10	hypothetical protein, conserved	0,3607	0,009174
TcCLB.507521.80	hypothetical protein, conserved	0,3603	0,0004402
TcCLB.510187.80	endonuclease V, putative	0,3601	0,008948
TcCLB.506739.30	hypothetical protein	0,36	0,0001735
TcCLB.508141.60	hypothetical protein, conserved	0,3599	0,005749
TcCLB.510955.10	hypothetical protein, conserved	0,3598	0,0001794
TcCLB.506729.50	hypothetical protein, conserved	0,3595	0,00003335
TcCLB.508479.350	hypothetical protein, conserved	0,3595	0,0002317
TcCLB.508071.30	beta galactofuranosyl glycosyltransferase, putative	0,3595	0,155
TcCLB.508613.60	hypothetical protein, conserved	0,3593	0,0001799
TcCLB.506817.20	ABC transporter, putative	0,3593	0,001039
TcCLB.507023.270	hypothetical protein, conserved	0,3592	0,0075
TcCLB.504199.4	hypothetical protein, conserved	0,3591	0,1062
TcCLB.511871.60	hypothetical protein, conserved (pseudogene)	0,3587	0,003533
TcCLB.510647.10	hypothetical protein, conserved	0,3586	0,01399
TcCLB.504153.230	hypothetical protein, conserved	0,3584	0,002346
TcCLB.506359.40	hypothetical protein, conserved	0,3584	0,005169
TcCLB.507615.76	hypothetical protein, conserved	0,3584	0,005278
TcCLB.507791.10	retrotransposon hot spot (RHS) protein, putative (fragmer	0,3584	0,3091
TcCLB.508713.20	hypothetical protein, conserved	0,3582	0,00591
TcCLB.507501.20	hypothetical protein, conserved	0,3582	0,2935
TcCLB.504161.40	hypothetical protein, conserved	0,3581	0,0003675
TcCLB.510355.240	hypothetical protein, conserved	0,3581	0,006532
TcCLB.511521.9	hypothetical protein, conserved	0,3578	0,04016
TcCLB.507257.150	hypothetical protein, conserved	0,3577	0,004523

TcCLB.506979.20	hypothetical protein, conserved	0,3576	0,03001
TcCLB.506433.10	retrotransposon hot spot protein (RHS, pseudogene), puta	0,3575	0,005177
TcCLB.508153.634	hypothetical protein, conserved	0,3575	0,02903
TcCLB.508183.4	aspartyl aminopeptidase, putative (fragment)	0,3574	0,01624
TcCLB.506775.140	hypothetical protein, conserved	0,3573	0,007792
TcCLB.508355.114	hypothetical protein, conserved	0,3573	0,02776
TcCLB.510181.130	hypothetical protein	0,3572	0,01575
TcCLB.506071.9	dispersed gene family protein 1 (DGF-1), putative (fragme	0,3572	0,1779
TcCLB.510971.30	trans-sialidase, Group VIII, putative	0,3572	0,1903
TcCLB.507641.236	hypothetical protein, conserved	0,3571	0,0003646
TcCLB.506529.220	hypothetical protein, conserved	0,3571	0,003122
TcCLB.506985.10	hypothetical protein, conserved	0,3571	0,01106
TcCLB.509693.30	hypothetical protein, conserved	0,3571	0,01348
TcCLB.508323.50	hypothetical protein, conserved	0,3567	0,015
TcCLB.504427.180	hypothetical protein	0,3567	0,01769
TcCLB.509379.20	Tob55, putative	0,3566	0,003913
TcCLB.508737.180	hypothetical protein, conserved	0,3564	0,00001253
TcCLB.504027.20	hypothetical protein	0,3563	0,001163
TcCLB.508181.40	choline/ethanolamine phosphotransferase, putative	0,3563	0,002101
TcCLB.458015.10	hypothetical protein, conserved	0,3562	0,0003069
TcCLB.509795.20	hypothetical protein, conserved	0,3562	0,02283
TcCLB.510603.30	hypothetical protein, conserved	0,3561	0,1998
TcCLB.511421.80	Midasin, putative (pseudogene)	0,356	0,0004009
TcCLB.508207.64	hypothetical protein, conserved	0,356	0,005437
TcCLB.508919.140	hypothetical protein, conserved	0,3559	9,152E-07
TcCLB.511229.80	eukaryotic translation initiation factor 3 subunit 2, putativ	0,3559	0,0001144
TcCLB.511303.80	hypothetical protein, conserved	0,3559	0,007604
TcCLB.508231.210	hypothetical protein, conserved	0,3558	0,0002937
TcCLB.503703.60	hypothetical protein	0,3556	0,004313
TcCLB.481435.9	clathrin heavy chain, putative	0,3554	0,001102
TcCLB.506745.10	hypothetical protein, conserved	0,3553	0,01256
TcCLB.507939.70	hypothetical protein	0,3553	0,1961
TcCLB.509053.120	hypothetical protein, conserved	0,3552	0,003779
TcCLB.508647.120	hypothetical protein, conserved	0,3551	0,00006344
TcCLB.506123.70	hypothetical protein, conserved	0,3551	0,08536
TcCLB.506613.130	dispersed gene family protein 1 (DGF-1), putative	0,3551	0,1445
TcCLB.510081.30	retrotransposon hot spot protein (RHS, pseudogene), puta	0,3548	0,005349
TcCLB.506227.40	hypothetical protein, conserved	0,3547	0,002101
TcCLB.505009.49	hypothetical protein, conserved	0,3547	0,003087
TcCLB.507035.20	retrotransposon hot spot protein (RHS, pseudogene), puta	0,3546	0,002619
TcCLB.508645.70	nucleoside transporter 1, putative	0,3545	0,02091
TcCLB.503923.50	GPI transamidase subunit 16, putative (fragment) (GPI16)	0,3544	0,003194
TcCLB.509799.100	hypothetical protein, conserved	0,3539	0,0005774
TcCLB.506729.9	heat shock 70 kDa protein, putative (fragment)	0,3539	0,02952
TcCLB.506629.230	retrotransposon hot spot protein (RHS, pseudogene), puta	0,3537	0,00166



TcCLB.511855.20	ubiquitin-like protein, putative	0,3536	0,00001425
TcCLB.507105.70	ABC transporter, putative	0,3536	0,001023
TcCLB.506369.50	hypothetical protein, conserved	0,3536	0,01095
TcCLB.505171.50	ras-related GTP-binding protein, putative	0,3536	0,02729
TcCLB.506999.80	hypothetical protein, conserved	0,3535	0,01116
TcCLB.506635.44	hypothetical protein, conserved	0,3535	0,02117
TcCLB.508153.900	hypothetical protein, conserved	0,3534	0,0002593
TcCLB.503809.149	TATA binding protein (TBP)	0,3533	0,002588
TcCLB.508479.210	hypothetical protein, conserved	0,3531	0,002882
TcCLB.503633.30	surface protease GP63, putative	0,3531	0,3077
TcCLB.507939.14	hypothetical protein, conserved	0,353	0,01696
TcCLB.511279.30	ARF-like 2-binding protein, putative	0,3529	0,04387
TcCLB.510719.70	bromodomain-containing protein 3 (BDF3)	0,3527	0,001297
TcCLB.506697.50	peptidyl-prolyl cis-trans isomerase NIMA-interacting 4, pu	0,3526	0,02602
TcCLB.509799.10	adaptin complex 4 subunit, putative	0,3521	0,0106
TcCLB.508355.120	hypothetical protein, conserved	0,3518	0,0007849
TcCLB.508025.10	retrotransposon hot spot (RHS) protein, putative (fragmer	0,3518	0,09733
TcCLB.511301.20	hypothetical protein, conserved	0,3517	0,002666
TcCLB.503575.54	hypothetical protein, conserved	0,3517	0,004708
TcCLB.510091.40	Mad2-like HORMA domain containing protein (mad2)	0,3515	0,002197
TcCLB.509611.10	DNA repair and recombination helicase protein PIF7, puta	0,3514	0,009768
TcCLB.508419.30	tryptophanyl-tRNA synthetase (pseudogene), putative	0,3514	0,01248
TcCLB.508205.20	nucleolar RNA helicase II, putative	0,3512	0,001533
TcCLB.510769.190	retrotransposon hot spot protein (RHS, pseudogene), puta	0,3512	0,007903
TcCLB.408345.20	2-oxoglutarate dehydrogenase subunit, putative (fragmen	0,3511	0,02862
TcCLB.509971.80	hypothetical protein, conserved	0,351	0,5093
TcCLB.508169.40	mitochondrial inner membrane signal peptidase, putative	0,3509	0,04453
TcCLB.508175.220	hypothetical protein, conserved	0,3508	0,0006667
TcCLB.503703.30	hypothetical protein, conserved	0,3508	0,002771
TcCLB.511531.40	chaperonin alpha subunit, putative	0,3506	7,452E-07
TcCLB.511907.340	hypothetical protein, conserved	0,3506	0,04107
TcCLB.507165.59	hypothetical protein, conserved	0,3505	0,003983
TcCLB.503575.50	fatty acyl CoA synthetase, putative	0,3504	0,002934
TcCLB.505931.40	histone H3, putative	0,3501	0,02202
TcCLB.507975.40	dispersed gene family protein 1 (DGF-1), putative	0,35	0,01683
TcCLB.509693.110	hypothetical protein, conserved	0,3498	0,02094
TcCLB.511131.30	hypothetical protein, conserved	0,3497	0,0008126
TcCLB.398009.10	retrotransposon hot spot protein (RHS, pseudogene), puta	0,3497	0,003632
TcCLB.507715.70	hypothetical protein, conserved	0,3495	0,0007007
TcCLB.510431.230	hypothetical protein, conserved	0,3494	0,00184
TcCLB.505807.150	Leucine-rich repeat, ribonuclease inhibitor subtype domai	0,3494	0,002883
TcCLB.507027.40	hypothetical protein, conserved	0,3494	0,01991
TcCLB.511871.90	hypothetical protein, conserved	0,3493	0,004244
TcCLB.511277.350	tubulin-specific chaperone, putative	0,3492	0,0001573
TcCLB.507645.20	hypothetical protein, conserved	0,3492	0,001709

TcCLB.510241.110	hypothetical protein, conserved	0,3491	0,00004207
TcCLB.508257.150	small nuclear ribonucleoprotein SmD3, putative	0,3489	0,004339
TcCLB.509551.50	hypothetical protein	0,3487	4,964E-06
TcCLB.510659.120	dolichol kinase, putative	0,3485	0,0002128
TcCLB.511211.90	surface protease GP63, putative	0,3483	0,02189
TcCLB.506051.20	hypothetical protein	0,3483	0,3207
TcCLB.509551.130	hypothetical protein, conserved	0,3482	0,001165
TcCLB.511735.50	hypothetical protein, conserved	0,3482	0,001431
TcCLB.509997.73	hypothetical protein, conserved	0,3478	0,003883
TcCLB.511689.19	hypothetical protein, conserved (fragment)	0,3475	0,007678
TcCLB.509645.10	hypothetical protein, conserved	0,3473	0,0004788
TcCLB.504057.50	hypothetical protein, conserved	0,3473	0,00106
TcCLB.506401.330	hypothetical protein, conserved	0,3473	0,002215
TcCLB.510115.50	retrotransposon hot spot protein (RHS, pseudogene), puta	0,3473	0,004449
TcCLB.504159.10	hypothetical protein, conserved	0,3472	0,002714
TcCLB.507801.150	hypothetical protein, conserved	0,3472	0,05727
TcCLB.507179.14	hypothetical protein	0,3472	0,1607
TcCLB.504741.200	hypothetical protein, conserved	0,347	0,001679
TcCLB.507063.80	hypothetical protein, conserved	0,3469	0,005896
TcCLB.445011.10	hypothetical protein, conserved	0,3469	0,008045
TcCLB.511509.40	hypothetical protein, conserved	0,3469	0,04586
TcCLB.507811.70	hypothetical protein, conserved	0,3468	0,002298
TcCLB.511691.30	ubiquitin activating enzyme, putative	0,3467	0,006156
TcCLB.510689.20	quinonoid dihydropteridine reductase, putative	0,3466	0,002924
TcCLB.511023.19	Tetratricopeptide-like helical domain containing protein (l	0,3465	0,01068
TcCLB.510911.20	hypothetical protein, conserved	0,3464	0,004792
TcCLB.508681.40	dispersed gene family protein 1 (DGF-1), putative	0,3464	0,4147
TcCLB.508323.20	hypothetical protein, conserved	0,3463	0,00004144
TcCLB.506573.40	hypothetical protein, conserved	0,3463	0,0006902
TcCLB.505193.80	hypothetical protein, conserved	0,3463	0,002656
TcCLB.511151.54	surface protease GP63, putative	0,3463	0,006889
TcCLB.506485.50	hypothetical protein	0,3462	0,004742
TcCLB.509513.5	hypothetical protein, conserved (pseudogene)	0,3462	0,01587
TcCLB.509207.120	hypothetical protein, conserved	0,3461	0,00002062
TcCLB.503599.20	hypothetical protein, conserved	0,346	0,03216
TcCLB.510165.50	hypothetical protein, conserved	0,3459	0,02489
TcCLB.511019.80	retrotransposon hot spot (RHS) protein, putative	0,3458	0,002491
TcCLB.509753.180	hypothetical protein, conserved (pseudogene)	0,3458	0,1923
TcCLB.509027.10	DNA photolyase, putative	0,3457	0,01355
TcCLB.507993.340	hypothetical protein	0,3456	0,1415
TcCLB.509599.170	hypothetical protein, conserved	0,3455	0,007564
TcCLB.510661.40	hypothetical protein, conserved	0,3454	0,0002174
TcCLB.506145.24	hypothetical protein, conserved	0,3454	0,004484
TcCLB.506777.40	hypothetical protein, conserved	0,3453	0,0001639
TcCLB.506885.250	hypothetical protein	0,3453	0,001384

TcCLB.507825.30	Present in the outer mitochondrial membrane proteome 2	0,3452	0,0001414
TcCLB.510657.110	hypothetical protein, conserved	0,3452	0,0006779
TcCLB.503805.9	Quinonprotein alcohol dehydrogenase-like protein, putativ	0,345	0,003186
TcCLB.503643.30	hypothetical protein, conserved	0,3447	0,005367
TcCLB.506459.250	hypothetical protein, conserved	0,3447	0,007583
TcCLB.510835.60	hypothetical protein, conserved	0,3446	0,0002361
TcCLB.504411.40	hypothetical protein, conserved	0,3446	0,006167
TcCLB.511719.30	hypothetical protein, conserved	0,3441	0,02054
TcCLB.422207.21	retrotransposon hot spot protein (RHS, pseudogene), puta	0,3439	0,2612
TcCLB.507029.60	hypothetical protein, conserved	0,3437	0,004488
TcCLB.506251.110	hypothetical protein, conserved	0,3437	0,007704
TcCLB.506887.90	hypothetical protein, conserved	0,3436	0,0003869
TcCLB.509059.70	hypothetical protein, conserved	0,3436	0,0007773
TcCLB.511041.10	hypothetical protein, conserved	0,3436	0,003366
TcCLB.506017.20	hypothetical protein, conserved (pseudogene)	0,3432	0,001103
TcCLB.503613.70	hypothetical protein, conserved	0,3432	0,03111
TcCLB.504351.41	ATP-dependent DEAD/H RNA helicase (pseudogene), puta	0,3431	0,2682
TcCLB.511445.130	Mitochondrial SSU ribosomal protein, putative	0,3429	0,0004839
TcCLB.507005.4	acyl transferase-like protein	0,3428	0,002159
TcCLB.509229.130	hypothetical protein, conserved	0,3428	0,01344
TcCLB.503793.20	phosphatidylinositol (3,5) kinase, putative (fragment)	0,3428	0,1261
TcCLB.507093.300	hypothetical protein SCD6.10	0,3426	0,000906
TcCLB.507505.30	hypothetical protein	0,3426	0,002273
TcCLB.507785.10	clathrin heavy chain, putative	0,3425	0,00004109
TcCLB.505807.90	hypothetical protein, conserved	0,3423	0,00009816
TcCLB.508547.90	hypothetical protein, conserved	0,3423	0,08531
TcCLB.506063.34	hypothetical protein, conserved (pseudogene)	0,3421	0,0002419
TcCLB.509599.70	hypothetical protein, conserved	0,3421	0,006943
TcCLB.506265.90	hypothetical protein, conserved	0,3421	0,01655
TcCLB.508269.73	ATP-dependent DEAD/H RNA helicase (pseudogene), puta	0,3421	0,07661
TcCLB.511283.300	hypothetical protein, conserved	0,342	0,0007811
TcCLB.510121.150	serine/threonine protein kinase, putative	0,3418	0,002478
TcCLB.504575.15	ubiquinol-cytochrome-C-reductase, putative	0,3418	0,1944
TcCLB.511277.280	hypothetical protein, conserved	0,3417	0,000196
TcCLB.511217.90	hypothetical protein, conserved	0,3416	0,00002688
TcCLB.510751.40	Importin 1 (fragment) (IMP1)	0,3416	0,0003206
TcCLB.509167.190	protein kinase-like protein, putative	0,3414	0,0002247
TcCLB.506859.160	hypothetical protein, conserved	0,3414	0,0003825
TcCLB.510989.60	hypothetical protein, conserved	0,3414	0,0005691
TcCLB.466823.10	Checkpoint protein HUS1, putative	0,3414	0,03511
TcCLB.506349.40	glycine dehydrogenase [decarboxylating] (pseudogene), p	0,3413	0,2746
TcCLB.507899.10	retrotransposon hot spot protein (RHS, pseudogene), puta	0,3407	0,009955
TcCLB.511733.50	hypothetical protein, conserved	0,3406	0,0002723
TcCLB.507603.50	Mitochondrial Ribosomal Protein of Small Subunit 29, put	0,3406	0,002332
TcCLB.506193.70	glucose-6-phosphate dehydrogenase (pseudogene), putati	0,3405	0,0039

TcCLB.508541.220	casein kinase, putative	0,3405	0,0869
TcCLB.509167.30	hypothetical protein, conserved	0,3403	0,01796
TcCLB.506933.80	RNA polymerase B subunit RPB8, putative	0,3402	0,001163
TcCLB.510535.10	hypothetical protein, conserved	0,3402	0,003503
TcCLB.509027.30	hypothetical protein, conserved	0,3402	0,01328
TcCLB.508919.94	hypothetical protein, conserved	0,3401	0,01762
TcCLB.508799.190	hypothetical protein, conserved	0,3399	0,0002352
TcCLB.506999.170	hypothetical protein	0,3399	0,001265
TcCLB.506933.107	hypothetical protein, conserved	0,3398	0,009642
TcCLB.510837.30	hypothetical protein, conserved	0,3397	0,02624
TcCLB.506977.130	ras-related protein Rab21, putative (RAB21)	0,3395	0,00304
TcCLB.511065.23	hypothetical protein, conserved	0,3393	0,0166
TcCLB.506355.80	flagellum transition zone component, putative	0,3392	2,064E-06
TcCLB.505999.170	hypothetical protein, conserved	0,3389	6,385E-06
TcCLB.506239.30	lectin, putative (AG38)	0,3388	0,0001287
TcCLB.509921.20	trans-sialidase (pseudogene), putative	0,3387	0,04949
TcCLB.510311.80	hypothetical protein, conserved	0,3386	0,002859
TcCLB.510867.9	dispersed gene family protein 1 (DGF-1), putative	0,3384	0,09069
TcCLB.510437.30	hypothetical protein, conserved	0,3384	0,1292
TcCLB.510275.10	hypothetical protein	0,3383	0,03046
TcCLB.511507.60	hypothetical protein	0,3383	0,03871
TcCLB.507529.45	hypothetical protein, conserved	0,3381	0,03018
TcCLB.510759.180	hypothetical protein, conserved	0,338	0,000484
TcCLB.506679.190	hypothetical protein, conserved	0,338	0,0005575
TcCLB.511421.60	deoxyhypusine synthase, putative	0,338	0,01025
TcCLB.507795.40	hypothetical protein, conserved	0,338	0,1249
TcCLB.506695.49	hypothetical protein, conserved	0,3379	0,0002953
TcCLB.510219.40	hypothetical protein, conserved	0,3378	0,008836
TcCLB.507519.30	Eukaryotic translation initiation factor 4E type 6, putative	0,3377	0,003234
TcCLB.508375.60	succinate dehydrogenase subunit	0,3377	0,005357
TcCLB.510299.30	hypothetical protein, conserved	0,3376	0,0125
TcCLB.510119.60	hypothetical protein, conserved	0,3374	0,02427
TcCLB.511843.90	hypothetical protein, conserved (pseudogene)	0,3369	0,03346
TcCLB.504033.110	hypothetical protein, conserved	0,3368	0,004944
TcCLB.458759.20	hypothetical protein, conserved	0,3368	0,03941
TcCLB.506179.5	ferric reductase transmembrane protein, putative (fragme	0,3368	0,3437
TcCLB.510947.10	GDP-mannose pyrophosphorylase	0,3363	0,0003289
TcCLB.508547.170	hypothetical protein, conserved	0,3361	0,000029
TcCLB.503431.80	hypothetical protein, conserved	0,336	0,005408
TcCLB.507049.170	Axonemal inner arm dynein light chain, putative	0,336	0,00563
TcCLB.509023.200	cdc2-related kinase 12 (CRK12)	0,3358	0,0004448
TcCLB.510359.570	mucin-associated surface protein (MASP), putative	0,3358	0,06055
TcCLB.504021.60	hypothetical protein, conserved	0,3357	0,00663
TcCLB.510565.160	hypothetical protein, conserved	0,3357	0,02272
TcCLB.511219.10	dispersed gene family protein 1 (DGF-1), putative	0,3357	0,4407

TcCLB.507001.130	hypothetical protein, conserved	0,3356	0,00435
TcCLB.506435.110	hypothetical protein, conserved	0,3355	0,03677
TcCLB.503593.50	hypothetical protein, conserved	0,3352	0,0002149
TcCLB.504125.50	mitochondrial carrier protein, putative	0,3351	0,004431
TcCLB.506251.100	poly(A)-specific ribonuclease PARN, putative	0,3349	0,009047
TcCLB.507165.20	hypothetical protein, conserved	0,3349	0,09257
TcCLB.506493.30	hypothetical protein, conserved	0,3348	0,004924
TcCLB.508879.210	hypothetical protein, conserved	0,3345	0,003637
TcCLB.510155.60	hypothetical protein, conserved	0,3345	0,008903
TcCLB.506791.30	hypothetical protein, conserved	0,3343	0,0001086
TcCLB.505647.20	hypothetical protein, conserved	0,334	0,00005112
TcCLB.507483.20	ef-hand protein 5, putative	0,334	0,01723
TcCLB.510283.120	hypothetical protein, conserved	0,3339	0,005092
TcCLB.508775.20	retrotransposon hot spot protein (RHS, pseudogene), puta	0,3339	0,03358
TcCLB.506305.40	kinesin, putative	0,3339	0,107
TcCLB.504191.10	sterol 24-c-methyltransferase, putative	0,3338	0,00005691
TcCLB.510307.220	retrotransposon hot spot (RHS) protein, putative	0,3338	0,01635
TcCLB.504923.10	dispersed gene family protein 1 (DGF-1), putative	0,3337	0,4922
TcCLB.503925.90	hypothetical protein, conserved	0,3336	0,1579
TcCLB.507257.120	hypothetical protein, conserved	0,3335	0,01689
TcCLB.507159.37	hypothetical protein, conserved	0,3334	0,01035
TcCLB.509151.29	hypothetical protein, conserved (pseudogene)	0,3334	0,09335
TcCLB.511419.4	hypothetical protein, conserved (fragment)	0,3334	0,1311
TcCLB.506559.10	hypothetical protein	0,3333	0,002029
TcCLB.506999.100	hypothetical protein, conserved	0,3333	0,0154
TcCLB.510593.20	hypothetical protein, conserved	0,3332	0,001153
TcCLB.506303.70	hypothetical protein, conserved	0,3329	0,001195
TcCLB.508461.140	poly(A)-binding protein, putative	0,3326	6,915E-06
TcCLB.510121.190	hypothetical protein, conserved	0,3326	0,02895
TcCLB.510647.60	intraflagellar transport protein 27 (IFT27)	0,3325	0,005136
TcCLB.507641.40	hypothetical protein, conserved	0,3323	0,00002197
TcCLB.509715.120	phosphatidylinositol-4-phosphate 5-kinase, putative	0,3323	0,002918
TcCLB.509025.29	DNA photolyase, putative	0,3323	0,026
TcCLB.506537.240	hypothetical protein, conserved	0,3323	0,03946
TcCLB.508645.40	nucleoside transporter 1, putative	0,3321	5,942E-07
TcCLB.510751.10	poly(A)-specific ribonuclease PARN, putative	0,3321	0,0009975
TcCLB.506831.5	hypothetical protein, conserved (fragment)	0,3319	0,1386
TcCLB.511477.25	hypothetical protein, conserved (pseudogene)	0,3318	0,1417
TcCLB.506859.30	hypothetical protein	0,3317	0,0004255
TcCLB.506245.73	elongation factor 1-gamma (EF-1-gamma, pseudogene),	0,3315	0,421
TcCLB.508257.100	hypothetical protein, conserved	0,3312	0,03432
TcCLB.511263.9	heat shock protein 110, putative (fragment)	0,3311	0,00006488
TcCLB.511453.10	dispersed gene family protein 1 (DGF-1), putative	0,331	0,173
TcCLB.509599.164	engulfment and cell motility domain 2, putative	0,3309	0,0009955
TcCLB.508659.40	protein phosphatase 2C-like (pseudogene), putative	0,3309	0,04737

TcCLB.509859.80	coronin, putative (CRN12)	0,3308	0,0000321
TcCLB.511215.30	hypothetical protein	0,3308	0,001808
TcCLB.506775.100	DNA repair and recombination helicase protein PIF2, puta	0,3308	0,02806
TcCLB.503953.59	mitochondrial DNA polymerase beta-PAK, putative	0,3305	0,01312
TcCLB.510565.70	protein kinase, putative	0,3304	0,0001514
TcCLB.508475.30	surface protease GP63, putative	0,3304	0,04627
TcCLB.508449.31	trans-sialidase, putative	0,3304	0,4282
TcCLB.506297.290	protein transport protein SEC31, putative	0,3303	4,481E-06
TcCLB.506581.60	hypothetical protein, conserved	0,3301	0,005167
TcCLB.504575.10	hypothetical protein, conserved	0,3301	0,1478
TcCLB.511907.40	hypothetical protein, conserved	0,33	0,02036
TcCLB.506531.60	hypothetical protein, conserved	0,3299	0,0009664
TcCLB.508269.50	hypothetical protein, conserved	0,3299	0,002053
TcCLB.503987.60	hypothetical protein, conserved	0,3299	0,02608
TcCLB.508471.10	hypothetical protein, conserved	0,3299	0,03462
TcCLB.510743.40	prenyl protein specific carboxyl methyltransferase, putativ	0,3297	0,007945
TcCLB.506821.110	hypothetical protein, conserved	0,3297	0,02175
TcCLB.511277.4	30S ribosomal protein S8, putative (fragment)	0,3295	0,02148
TcCLB.510307.77	N-acetyltransferase complex ARD1 subunit (pseudogene),	0,3294	0,125
TcCLB.509657.20	dispersed gene family protein 1 (DGF-1), putative	0,3291	0,09216
TcCLB.510007.30	RNA-binding protein, putative	0,329	0,002503
TcCLB.509695.60	hypothetical protein, conserved	0,329	0,01228
TcCLB.507011.269	6-phosphogluconate dehydrogenase, decarboxylating (6PC	0,3288	0,09768
TcCLB.508265.100	hypothetical protein, conserved	0,3287	0,0007838
TcCLB.510603.160	hypothetical protein, conserved	0,3287	0,01172
TcCLB.508723.59	hypothetical protein, conserved	0,3284	0,008509
TcCLB.507229.20	dispersed gene family protein 1 (DGF-1, pseudogene), put	0,3284	0,04693
TcCLB.510729.70	proteasome alpha 1 subunit, putative	0,3283	0,0002598
TcCLB.510779.10	tryptophanyl-tRNA synthetase (pseudogene), putative	0,328	0,04428
TcCLB.506801.90	hypothetical protein, conserved	0,3278	0,01042
TcCLB.397937.5	N-acetylglucosamine-6-phosphate deacetylase-like protei	0,3276	0,03996
TcCLB.509023.190	hypothetical protein, conserved	0,3274	0,08882
TcCLB.508595.50	cysteine peptidase, putative	0,3273	0,00008576
TcCLB.507771.50	glycerolphosphate mutase, putative	0,3273	0,00249
TcCLB.508401.70	ATP-dependent DEAD/H RNA helicase (pseudogene), puta	0,3273	0,09657
TcCLB.503559.109	electron-transfer-flavoprotein, alpha polypeptide, putative	0,3272	0,001492
TcCLB.507511.10	cleavage and polyadenylation specificity factor, putative	0,3272	0,001808
TcCLB.510155.200	hypothetical protein, conserved	0,3271	0,004524
TcCLB.410943.10	hypothetical protein, conserved	0,3271	0,1986
TcCLB.509053.70	p22 protein precursor, putative	0,3269	0,007477
TcCLB.506745.30	hypothetical protein, conserved	0,3269	0,3657
TcCLB.507467.50	hypothetical protein, conserved	0,3268	0,01083
TcCLB.503579.20	hypothetical protein, conserved	0,3264	0,002844
TcCLB.506833.30	serine/threonine protein phosphatase, putative	0,3264	0,003616
TcCLB.509631.150	hypothetical protein, conserved	0,3263	0,1743

TcCLB.506925.470	heat shock protein DNAJ, putative	0,3262	0,0007922
TcCLB.507609.10	nucleoporin interacting component (NUP93), putative	0,3262	0,01684
TcCLB.508479.310	hypothetical protein, conserved	0,3261	0,009147
TcCLB.479721.10	hypothetical protein, conserved (pseudogene)	0,3261	0,4378
TcCLB.509097.28	hypothetical protein, conserved	0,3259	0,103
TcCLB.416605.20	mucin TcMUCII (pseudogene), putative	0,3259	0,285
TcCLB.507257.30	hypothetical protein, conserved	0,3257	0,02519
TcCLB.504221.9	membrane associated protein, putative	0,3255	0,002865
TcCLB.506209.70	dispersed gene family protein 1 (DGF-1), putative	0,3255	0,1918
TcCLB.510853.96	trans-sialidase (pseudogene), putative	0,3253	0,00381
TcCLB.509755.89	hypothetical protein	0,325	0,2798
TcCLB.490507.10	hypothetical protein, conserved	0,3246	0,005245
TcCLB.508873.530	hypothetical protein, conserved (pseudogene)	0,3244	0,106
TcCLB.511737.10	small glutamine-rich tetratricopeptide repeat protein, putative	0,3241	0,002223
TcCLB.504131.140	hypothetical protein, conserved	0,3238	0,0000319
TcCLB.507047.130	hypothetical protein, conserved	0,3238	0,008621
TcCLB.510519.80	hypothetical protein, conserved	0,3234	0,01923
TcCLB.509953.9	ubiquitin carboxyl-terminal hydrolase, putative (fragment)	0,3233	0,04525
TcCLB.506529.150	hypothetical protein, conserved	0,323	0,0002863
TcCLB.511133.10	hypothetical protein, conserved	0,323	0,06131
TcCLB.509765.60	retrotransposon hot spot protein (RHS, pseudogene), putative	0,3229	0,004152
TcCLB.511589.260	glycyl-tRNA synthetase, putative	0,3228	0,04654
TcCLB.507819.11	N-acetyltransferase complex ARD1 subunit (pseudogene), putative	0,3228	0,1409
TcCLB.510969.20	hypothetical protein, conserved	0,3227	0,01081
TcCLB.509505.89	hypothetical protein, conserved	0,3227	0,01141
TcCLB.509763.20	hypothetical protein	0,3226	0,04617
TcCLB.503925.20	hypothetical protein, conserved	0,3225	0,003068
TcCLB.508699.80	hypothetical protein, conserved	0,3222	0,003051
TcCLB.509059.80	hypothetical protein, conserved	0,3221	0,0004299
TcCLB.505807.200	hypothetical protein, conserved	0,3221	0,001967
TcCLB.508707.270	hypothetical protein, conserved	0,322	0,001266
TcCLB.507211.40	inosine-5'-monophosphate dehydrogenase, putative	0,3219	0,00003965
TcCLB.509567.10	hypothetical protein, conserved	0,3219	0,01236
TcCLB.454787.20	elongation factor 1-gamma (EF-1-gamma, pseudogene), putative	0,3217	0,418
TcCLB.511367.170	vacuolar protein sorting-associated protein 35, putative	0,3215	0,00006708
TcCLB.506319.10	hypothetical protein	0,3213	0,00006069
TcCLB.511745.20	AAA ATPase, putative	0,3213	0,001091
TcCLB.509733.199	Exradiol ring-cleavage dioxygenase, putative	0,3213	0,00296
TcCLB.508851.210	replication factor C, subunit 4, putative	0,3213	0,03919
TcCLB.507395.14	hypothetical protein, conserved	0,3212	0,01367
TcCLB.508919.40	hypothetical protein, conserved	0,3211	0,0012
TcCLB.506485.100	hypothetical protein, conserved	0,3211	0,004702
TcCLB.507691.31	hypothetical protein	0,3209	0,08058
TcCLB.504881.20	hypothetical protein, conserved	0,3208	0,00004301
TcCLB.508871.10	trans-sialidase, Group V, putative	0,3208	0,1934

TcCLB.510743.30	hypothetical protein, conserved	0,3207	0,00188
TcCLB.508383.10	Present in the outer mitochondrial membrane proteome	0,3207	0,05659
TcCLB.506495.24	hypothetical protein, conserved	0,3206	0,04404
TcCLB.511803.10	cullin 2, putative	0,3203	0,01483
TcCLB.503847.70	hypothetical protein, conserved	0,3202	0,002195
TcCLB.511021.90	hypothetical protein	0,3202	0,01157
TcCLB.507645.30	hypothetical protein, conserved	0,3202	0,01327
TcCLB.509777.21	hypothetical protein	0,3202	0,1158
TcCLB.511469.80	hypothetical protein, conserved	0,3201	0,005232
TcCLB.509693.50	metallo-peptidase, Clan MG, Family M24 (MetAP2)	0,3199	0,0007281
TcCLB.506791.79	hypothetical protein, conserved	0,3199	0,02127
TcCLB.511269.70	cysteine peptidase, Clan CA, family C2, putative	0,3197	0,0601
TcCLB.506167.9	hypothetical protein, conserved	0,3196	0,0002836
TcCLB.511361.10	kinesin-like protein (pseudogene), putative	0,3196	0,004535
TcCLB.504091.10	hypothetical protein, conserved	0,3195	0,002195
TcCLB.511277.630	serine/threonine protein phosphatase type 5, putative	0,3195	0,003548
TcCLB.508465.100	hypothetical protein	0,3194	0,05226
TcCLB.504099.40	retrotransposon hot spot protein (RHS, pseudogene), puta	0,3194	0,155
TcCLB.506289.40	hypothetical protein, conserved	0,3189	0,008542
TcCLB.504205.10	hypothetical protein	0,3189	0,08321
TcCLB.504147.140	hypothetical protein	0,3188	0,00165
TcCLB.511435.20	Replication Factor C Subunit 1-related protein	0,3188	0,006871
TcCLB.507011.260	hypothetical protein, conserved	0,3187	0,004117
TcCLB.503811.50	hypothetical protein, conserved	0,3186	0,004886
TcCLB.506123.24	dynein light chain, putative	0,3186	0,03862
TcCLB.511585.80	mitochondrial-processing peptidase subunit beta, putative	0,3183	0,001348
TcCLB.506479.20	hypothetical protein, conserved	0,3182	0,01488
TcCLB.506201.60	hypothetical protein	0,3182	0,05865
TcCLB.506221.40	mitochondrial carrier protein, putative	0,3181	0,01093
TcCLB.507993.130	60S ribosomal protein L7, putative	0,318	0,0003258
TcCLB.510687.40	serine/threonine protein phosphatase, putative	0,3179	0,001087
TcCLB.509645.5	hypothetical protein, conserved (pseudogene)	0,3177	0,01022
TcCLB.511881.30	hypothetical protein, conserved	0,3175	0,008002
TcCLB.508771.34	hypothetical protein, conserved	0,3175	0,1265
TcCLB.504253.60	hypothetical protein, conserved (fragment)	0,3174	0,2356
TcCLB.511033.29	hypothetical protein	0,3172	0,05018
TcCLB.507077.9	hypothetical protein, conserved	0,3167	0,01325
TcCLB.504255.10	hypothetical protein, conserved	0,3165	0,03341
TcCLB.509911.130	hypothetical protein, conserved	0,3164	0,0005442
TcCLB.510531.60	hypothetical protein, conserved	0,3164	0,0005846
TcCLB.509539.67	paraflagellar rod component par4, putative (fragment)	0,3164	0,1113
TcCLB.511819.10	hypothetical protein, conserved	0,3163	0,003636
TcCLB.509997.86	serine/threonine protein phosphatase, putative (fragment)	0,3162	0,001894
TcCLB.506885.394	hypothetical protein, conserved	0,3162	0,0242
TcCLB.508577.30	retrotransposon hot spot protein (RHS, pseudogene), puta	0,3161	0,004605



TcCLB.509149.20	zinc finger protein family member, putative (POMP35)	0,3161	0,02189
TcCLB.507817.40	hypothetical protein, conserved	0,316	0,04811
TcCLB.511773.50	protein kinase, putative	0,3159	0,009725
TcCLB.504881.50	ABC transporter, putative	0,3159	0,08245
TcCLB.510743.120	hypothetical protein, conserved	0,3158	0,002324
TcCLB.509179.130	hypothetical protein, conserved	0,3158	0,0121
TcCLB.510729.220	hypothetical protein, conserved	0,3157	0,00001448
TcCLB.504827.130	eukaryotic translation initiation factor 4 gamma, putative	0,3157	0,003687
TcCLB.511499.10	hypothetical protein, conserved	0,3155	0,001982
TcCLB.509669.30	ABC transporter, putative	0,3155	0,002239
TcCLB.511837.20	hypothetical protein, conserved	0,3155	0,02112
TcCLB.509217.140	hypothetical protein, conserved (pseudogene)	0,3154	0,05026
TcCLB.510435.20	hypothetical protein, conserved	0,3152	0,01929
TcCLB.509625.20	hypothetical protein, conserved	0,3152	0,1485
TcCLB.507077.40	hypothetical protein, conserved	0,3151	0,01732
TcCLB.510105.70	hypothetical protein, conserved	0,3151	0,02421
TcCLB.509795.80	hypothetical protein, conserved	0,3149	0,001282
TcCLB.510845.10	retrotransposon hot spot (RHS) protein, putative (fragmer	0,3149	0,06813
TcCLB.510187.470	hypothetical protein	0,3149	0,08338
TcCLB.511807.190	hypothetical protein, conserved	0,3146	0,004132
TcCLB.511219.20	retrotransposon hot spot protein (RHS, pseudogene), puta	0,3146	0,02451
TcCLB.511635.60	hypothetical protein, conserved	0,3144	0,005625
TcCLB.505183.20	malic enzyme	0,3142	0,0002579
TcCLB.508815.80	hypothetical protein, conserved	0,314	0,00004521
TcCLB.510441.20	dispersed gene family protein 1 (DGF-1), putative	0,3139	0,1587
TcCLB.506545.10	hypothetical protein	0,3136	0,003318
TcCLB.508911.80	hypothetical protein, conserved	0,3136	0,02442
TcCLB.511809.70	DNA primase small subunit, putative	0,3136	0,04697
TcCLB.511411.16	hypothetical protein, conserved	0,3135	0,002053
TcCLB.510349.50	CDP-diacylglycerol--inositol 3-phosphatidyltransferase, pu	0,3133	0,05986
TcCLB.511817.250	hypothetical protein, conserved	0,3131	0,001641
TcCLB.507023.20	hypothetical protein	0,3131	0,03786
TcCLB.508973.80	hypothetical protein, conserved	0,3129	9,637E-06
TcCLB.506301.40	hypothetical protein, conserved	0,3129	0,006104
TcCLB.504109.130	hypothetical protein, conserved	0,3128	0,0002593
TcCLB.510289.80	hypothetical protein, conserved	0,3127	0,0313
TcCLB.506217.20	beta galactofuranosyl glycosyltransferase (pseudogene), †	0,3127	0,09154
TcCLB.511051.20	hypothetical protein, conserved	0,3126	0,02553
TcCLB.508817.80	protein kinase, putative	0,3125	0,01845
TcCLB.511755.28	hypothetical protein, conserved	0,3125	0,1216
TcCLB.482097.10	hypothetical protein, conserved (fragment)	0,3125	0,1976
TcCLB.507641.190	kinetoplastid kinetochore protein 1, putative (kkt1)	0,3124	0,002599
TcCLB.510735.60	hypothetical protein, conserved	0,3124	0,04164
TcCLB.506925.130	eukaryotic initiation factor 5a, putative	0,3122	0,02883
TcCLB.506615.111	elongation factor 1-gamma (EF-1-gamma, pseudogene), †	0,3122	0,09726

TcCLB.508153.650	hypothetical protein, conserved (pseudogene)	0,312	0,003044
TcCLB.405453.9	dispersed gene family protein 1 (DGF-1), putative	0,312	0,1967
TcCLB.506693.4	elongation initiation factor 2 alpha subunit, putative	0,3115	0,009055
TcCLB.504575.40	adrenodoxin precursor, putative	0,3114	0,1665
TcCLB.510411.5	retrotransposon hot spot protein (RHS, pseudogene), puta	0,3112	0,3781
TcCLB.506691.22	hypothetical protein, conserved	0,3111	0,005004
TcCLB.511465.30	hypothetical protein, conserved	0,311	0,06245
TcCLB.509059.10	hypothetical protein	0,311	0,1291
TcCLB.440101.20	activated protein kinase C receptor (pseudogene), putative	0,311	0,1583
TcCLB.508479.20	hypothetical protein, conserved (pseudogene)	0,3107	0,1434
TcCLB.506833.40	hypothetical protein	0,3106	0,009644
TcCLB.509967.80	hypothetical protein, conserved	0,3106	0,03035
TcCLB.507023.230	splicing factor 3a, putative	0,3105	0,003862
TcCLB.509965.120	hypothetical protein, conserved	0,3104	0,005673
TcCLB.507087.50	hypothetical protein, conserved	0,3104	0,02058
TcCLB.511471.20	trans-sialidase (pseudogene), putative	0,3103	0,131
TcCLB.510697.105	hypothetical protein, conserved (pseudogene)	0,3103	0,3271
TcCLB.509027.40	hypothetical protein, conserved	0,3102	0,0001296
TcCLB.507105.120	hypothetical protein, conserved (pseudogene)	0,3102	0,01083
TcCLB.507047.70	hypothetical protein, conserved	0,3101	0,0835
TcCLB.507003.24	hypothetical protein, conserved (fragment)	0,3099	0,0001412
TcCLB.510547.7	surface protease GP63 (pseudogene), putative	0,3099	0,3756
TcCLB.503969.20	hypothetical protein, conserved	0,3099	0,4926
TcCLB.510269.55	elongation factor 1-gamma (EF-1-gamma, pseudogene),	0,3098	0,4635
TcCLB.507615.90	hypothetical protein, conserved	0,3097	0,00007559
TcCLB.504449.40	hypothetical protein	0,3097	0,009485
TcCLB.506357.180	hypothetical protein	0,3096	0,004088
TcCLB.511415.40	dispersed gene family protein 1 (DGF-1), putative	0,3095	0,03247
TcCLB.503493.40	hypothetical protein, conserved	0,3095	0,453
TcCLB.504159.50	aquaporin-like protein, putative	0,3094	0,00153
TcCLB.506885.90	hypothetical protein, conserved	0,3094	0,001708
TcCLB.505071.110	hypothetical protein, conserved	0,3092	0,002346
TcCLB.507975.80	hypothetical protein, conserved	0,309	0,000235
TcCLB.506205.30	hypothetical protein, conserved	0,309	0,0345
TcCLB.510131.90	hypothetical protein, conserved	0,3087	0,004446
TcCLB.508257.160	hypothetical protein, conserved	0,3087	0,005056
TcCLB.511249.110	kinesin K39 (pseudogene), putative	0,3087	0,00831
TcCLB.511171.10	dispersed gene family protein 1 (DGF-1), putative	0,3086	0,4575
TcCLB.503671.30	Protein tilB homolog, putative (LRTP)	0,3085	0,02998
TcCLB.511741.60	hypothetical protein, conserved	0,3084	0,006571
TcCLB.506839.70	NADH dehydrogenase, putative	0,3083	0,0003519
TcCLB.509745.70	hypothetical protein, conserved	0,3083	0,003523
TcCLB.508257.120	hypothetical protein, conserved	0,3083	0,01969
TcCLB.507979.20	hypothetical protein, conserved	0,3083	0,02679
TcCLB.508027.70	ATP-dependent RNA helicase, putative	0,308	0,001216

TcCLB.510817.30	hypothetical protein, conserved (pseudogene)	0,308	0,04687
TcCLB.485889.10	hypothetical protein, conserved	0,3077	0,0006696
TcCLB.511807.140	hypothetical protein, conserved	0,3077	0,002798
TcCLB.507065.150	mucin TcMUCII, putative	0,3077	0,2333
TcCLB.509599.157	serine/threonine protein kinase, putative	0,3076	0,009374
TcCLB.511281.60	pyruvate kinase 2, putative	0,3075	0,01405
TcCLB.509933.10	hypothetical protein, conserved	0,3074	0,09974
TcCLB.511407.30	hypothetical protein	0,3073	0,0004579
TcCLB.506493.110	hypothetical protein, conserved	0,3073	0,07433
TcCLB.510431.300	trans-sialidase, Group II, putative	0,3073	0,1295
TcCLB.509769.134	hypothetical protein, conserved	0,3068	0,001367
TcCLB.510519.70	mitochondrial RNA binding complex 1 subunit, putative	0,3067	0,0091
TcCLB.511391.130	hypothetical protein, conserved	0,3065	0,04824
TcCLB.511235.31	surface protease GP63, putative	0,3064	0,5326
TcCLB.508291.10	mucin-associated surface protein (MASP, pseudogene), pu	0,3061	0,2683
TcCLB.511287.110	hypothetical protein, conserved	0,3059	0,0006168
TcCLB.506503.10	hypothetical protein, conserved	0,3058	0,02126
TcCLB.506779.30	hypothetical protein, conserved (pseudogene)	0,3057	0,0005354
TcCLB.508551.10	target of rapamycin (TOR) kinase 1, putative	0,3057	0,009532
TcCLB.511507.110	hypothetical protein, conserved (YCF45)	0,3055	0,007814
TcCLB.506475.116	glutaredoxin, putative	0,3054	0,04779
TcCLB.503637.30	serine peptidase, Clan SC, Family S9B	0,3053	0,001734
TcCLB.509827.20	hypothetical protein, conserved	0,3053	0,07312
TcCLB.509261.10	p-nitrophenylphosphatase, putative	0,3052	0,01337
TcCLB.506465.20	hypothetical protein, conserved	0,3051	0,03039
TcCLB.408573.9	hypothetical protein, conserved	0,3051	0,04134
TcCLB.508369.10	hypothetical protein, conserved	0,3051	0,06275
TcCLB.504147.30	hypothetical protein, conserved	0,305	0,005672
TcCLB.508271.20	hypothetical protein, conserved	0,3049	0,01679
TcCLB.508153.790	hypothetical protein, conserved	0,3049	0,04192
TcCLB.509259.21	elongation factor 1-gamma (EF-1-gamma, pseudogene),	0,3049	0,4594
TcCLB.508919.70	protein kinase, putative	0,3048	0,001401
TcCLB.506145.30	O-6 methyl-guanine alkyl transferase, putative	0,3047	0,075
TcCLB.510355.97	retrotransposon hot spot protein (RHS, pseudogene), puta	0,3047	0,481
TcCLB.507895.50	dispersed gene family protein 1 (DGF-1, pseudogene), put	0,3042	0,4186
TcCLB.509067.30	mitochondrial RNA binding protein, putative	0,3039	0,0008509
TcCLB.510349.64	hypothetical protein, conserved	0,3038	0,01928
TcCLB.504179.69	phosphoprotein lepp12, putative	0,3038	0,02563
TcCLB.510659.60	hypothetical protein, conserved	0,3038	0,04203
TcCLB.506743.135	trans-sialidase (pseudogene), putative	0,3038	0,1639
TcCLB.508655.10	DNA-directed RNA polymerase II subunit 2 (pseudogene),	0,3038	0,4584
TcCLB.506435.430	hypothetical protein, conserved	0,3037	0,001814
TcCLB.507623.80	hypothetical protein, conserved	0,3036	0,01635
TcCLB.508443.30	hypothetical protein, conserved	0,3034	0,000373
TcCLB.504433.14	ADP-ribosylation factor-like protein 3A, putative	0,3028	0,02117

TcCLB.506685.5	trans-sialidase (pseudogene), putative	0,3028	0,04462
TcCLB.511055.20	retrotransposon hot spot (RHS) protein, putative	0,3027	0,0003393
TcCLB.506821.190	hypothetical protein, conserved	0,3027	0,005644
TcCLB.508269.70	hypothetical protein, conserved	0,3027	0,1719
TcCLB.510657.50	hypothetical protein, conserved	0,3025	0,03706
TcCLB.511827.70	hypothetical protein, conserved	0,3024	0,01831
TcCLB.506177.110	hypothetical protein, conserved	0,3024	0,08387
TcCLB.508461.160	hypothetical protein, conserved	0,3023	0,00191
TcCLB.510687.110	hypothetical protein, conserved	0,3021	0,009185
TcCLB.506135.70	hypothetical protein, conserved	0,3021	0,02147
TcCLB.504047.30	kinesin, putative	0,3019	0,0233
TcCLB.509063.30	chaperonin HSP60/CNP60, putative	0,3018	0,01076
TcCLB.507993.390	pyruvate kinase 2, putative	0,3018	0,01991
TcCLB.505097.35	retrotransposon hot spot protein (RHS, pseudogene), puta	0,3017	0,02462
TcCLB.511469.105	hypothetical protein	0,3017	0,07655
TcCLB.508015.20	hypothetical protein	0,3017	0,1035
TcCLB.508903.90	dispersed gene family protein 1 (DGF-1, pseudogene), put	0,3015	0,0889
TcCLB.511671.60	surface antigen 2 (CA-2), putative	0,3014	0,001974
TcCLB.506803.30	retrotransposon hot spot protein (RHS, pseudogene), puta	0,3014	0,2826
TcCLB.511303.90	hypothetical protein, conserved	0,3013	0,003557
TcCLB.504089.79	retrotransposon hot spot protein (RHS, pseudogene), puta	0,3013	0,4097
TcCLB.510679.14	hypothetical protein, conserved	0,3011	0,1338
TcCLB.509519.9	dispersed gene family protein 1 (DGF-1), putative (fragme	0,3011	0,5142
TcCLB.508837.170	hypothetical protein, conserved	0,301	0,009035
TcCLB.506817.70	hypothetical protein	0,301	0,1986
TcCLB.507951.100	hypothetical protein, conserved	0,3009	0,004041
TcCLB.509769.33	palmitoyl acyltransferase 12, putative	0,3009	0,01624
TcCLB.510357.110	hypothetical protein, conserved	0,3009	0,0373
TcCLB.507977.9	hypothetical protein, conserved (pseudogene)	0,3009	0,06592
TcCLB.506711.4	peptide chain release factor 1, putative (fragment)	0,3008	0,1022
TcCLB.504005.20	N-Acetyl-D-glucosaminylphosphatidylinositol de-N-acetyl	0,3006	0,04777
TcCLB.507013.10	dolichol kinase, putative	0,3005	0,005912
TcCLB.504149.20	ATP-binding cassette transporter ABCA1, putative (ABCA1	0,3005	0,0113
TcCLB.506885.489	dispersed gene family protein 1 (DGF-1), putative	0,3005	0,1535
TcCLB.506801.110	hypothetical protein, conserved	0,3003	0,02761
TcCLB.509167.130	hypothetical protein, conserved	0,3002	0,001004
TcCLB.507049.70	hypothetical protein, conserved	0,3	0,02679
TcCLB.509163.100	hypothetical protein, conserved (pseudogene)	0,2998	0,03968
TcCLB.511431.30	conserved protein, unknown function	0,2997	0,009624
TcCLB.503397.10	retrotransposon hot spot protein (RHS, pseudogene), puta	0,2994	0,00376
TcCLB.507519.60	Silent information regulator 2 related protein 1, putative (	0,2992	0,01676
TcCLB.510463.230	dispersed gene family protein 1 (DGF-1), putative	0,2992	0,385
TcCLB.511237.100	hypothetical protein, conserved	0,2991	0,006239
TcCLB.509717.60	metallo-peptidase, Clan MA(E) Family M41	0,299	0,001933
TcCLB.506705.40	hypothetical protein, conserved	0,299	0,007705

TcCLB.510329.120	Present in the outer mitochondrial membrane proteome $\bar{z}$	0,299	0,01027
TcCLB.509065.110	hypothetical protein, conserved	0,2989	0,002063
TcCLB.417091.10	RNA pseudouridylate synthase, putative	0,2989	0,08168
TcCLB.507063.30	hypothetical protein, conserved	0,2987	0,04127
TcCLB.507745.10	mucin-associated surface protein (MASP, pseudogene), pu	0,2987	0,2475
TcCLB.507951.179	hypothetical protein, conserved	0,2986	0,008212
TcCLB.506559.400	hypothetical protein, conserved	0,2986	0,01853
TcCLB.507575.10	dispersed gene family protein 1 (DGF-1), putative	0,2986	0,2893
TcCLB.509317.109	hypothetical protein, conserved (fragment)	0,2984	0,0102
TcCLB.510649.24	membrane associated protein, putative (fragment)	0,2982	0,002183
TcCLB.507213.30	potassium voltage-gated channel, putative	0,2981	0,004203
TcCLB.510101.70	protein transport protein SEC61 subunit alpha, putative	0,298	0,0008648
TcCLB.511419.10	hypothetical protein	0,298	0,07829
TcCLB.508797.29	hypothetical protein, conserved	0,2978	0,0004595
TcCLB.508257.104	ribosomal protein L14, putative	0,2976	0,06856
TcCLB.509161.149	hypothetical protein, conserved	0,2976	0,1289
TcCLB.508297.61	choline ethanolamine kinase, putative	0,2976	0,138
TcCLB.510877.170	hypothetical protein, conserved	0,2975	0,001211
TcCLB.510353.20	hypothetical protein, conserved	0,2975	0,006255
TcCLB.510039.109	sec1 family transport protein, putative (fragment)	0,2975	0,08241
TcCLB.506629.70	cysteine desulfurase, putative	0,2974	0,01032
TcCLB.507943.99	hypothetical protein, conserved (fragment)	0,2974	0,179
TcCLB.507681.70	hypothetical protein, conserved	0,2973	0,00458
TcCLB.509205.20	hypothetical protein, conserved	0,2973	0,04267
TcCLB.504637.21	trans-sialidase (pseudogene), putative	0,2973	0,06415
TcCLB.508543.80	hypothetical protein, conserved	0,2972	0,04433
TcCLB.511361.60	hypothetical protein	0,2971	0,005444
TcCLB.508871.20	mucin TcMUCII, putative	0,2971	0,5185
TcCLB.510735.20	hypothetical protein, conserved	0,297	0,01135
TcCLB.506393.143	ATP-dependent DEAD/H RNA helicase (pseudogene), puta	0,297	0,2203
TcCLB.510627.200	trans-sialidase (pseudogene), putative	0,2967	0,603
TcCLB.511907.80	beta-ketoacyl-ACP reductase 2, putative	0,2966	0,02735
TcCLB.505163.40	hypothetical protein, conserved	0,2964	0,04361
TcCLB.511025.70	chaperonin alpha subunit, putative	0,2962	0,00003436
TcCLB.509213.40	hypothetical protein, conserved	0,2961	0,0003833
TcCLB.508657.20	sec1-like protein (pseudogene), putative	0,296	0,008734
TcCLB.511529.20	hypothetical protein, conserved	0,296	0,02655
TcCLB.511717.70	hypothetical protein, conserved	0,2959	0,01784
TcCLB.508207.10	glycine dehydrogenase (pseudogene), putative	0,2959	0,01935
TcCLB.511595.10	trans-sialidase (pseudogene), putative	0,2959	0,381
TcCLB.508369.50	acetyl-CoA carboxylase (fragment)	0,2957	0,0004004
TcCLB.506227.90	hypothetical protein, conserved	0,2957	0,01631
TcCLB.504057.45	hypothetical protein, conserved	0,2956	0,006461
TcCLB.509895.100	hypothetical protein, conserved	0,2956	0,02523
TcCLB.506327.20	hypothetical protein, conserved	0,2956	0,03271

TcCLB.507969.70	hypothetical protein, conserved	0,2955	0,05786
TcCLB.504155.30	retrotransposon hot spot protein (RHS, pseudogene), puta	0,2955	0,4045
TcCLB.511385.90	hypothetical protein, conserved	0,2954	0,0009318
TcCLB.508351.10	fructose-1,6-bisphosphatase, cytosolic, putative	0,2954	0,01506
TcCLB.509753.126	hypothetical protein, conserved (pseudogene)	0,2951	0,3268
TcCLB.509057.20	importin alpha, putative	0,2946	0,0002878
TcCLB.506725.30	hypothetical protein, conserved	0,2946	0,0002978
TcCLB.506679.180	hypothetical protein, conserved	0,2945	0,00284
TcCLB.511015.10	mannosyl-oligosaccharide glucosidase, putative	0,2945	0,04301
TcCLB.510137.40	retrotransposon hot spot protein (RHS, pseudogene), puta	0,2944	0,005458
TcCLB.503441.10	retrotransposon hot spot protein (RHS, pseudogene), puta	0,2944	0,006482
TcCLB.509297.20	hypothetical protein, conserved	0,2942	0,007406
TcCLB.509017.9	hypothetical protein, conserved (fragment)	0,2941	0,06481
TcCLB.507519.10	hypothetical protein, conserved (pseudogene)	0,294	0,01882
TcCLB.508411.70	hypothetical protein, conserved	0,2939	0,02982
TcCLB.510175.60	dispersed gene family protein 1 (DGF-1), putative	0,2939	0,05782
TcCLB.507771.99	hypothetical protein, conserved	0,2939	0,1073
TcCLB.506527.10	hypothetical protein, conserved	0,2937	0,0002575
TcCLB.508115.10	hypothetical protein	0,2936	0,2265
TcCLB.511153.110	hypothetical protein, conserved	0,2934	0,0007568
TcCLB.511627.80	hypothetical protein, conserved	0,2934	0,1278
TcCLB.508215.10	hypothetical protein, conserved	0,2932	0,01635
TcCLB.503973.31	hypothetical protein, conserved (pseudogene)	0,293	0,1554
TcCLB.510399.39	dispersed gene family protein 1 (DGF-1), putative	0,293	0,2944
TcCLB.436761.10	hypothetical protein, conserved	0,2929	0,07682
TcCLB.420091.10	dispersed gene family protein 1 (DGF-1), putative	0,2929	0,2034
TcCLB.507711.320	DNA mismatch repair protein MSH2, putative (MSH2)	0,2928	0,00062
TcCLB.509437.40	heat shock protein DNAJ, putative	0,2928	0,0008448
TcCLB.415803.10	hypothetical protein, conserved	0,2928	0,09974
TcCLB.506779.110	phosphatase, putative	0,2925	0,001151
TcCLB.504179.40	hypothetical protein, conserved	0,2925	0,001345
TcCLB.508541.225	casein kinase, putative	0,2925	0,01514
TcCLB.510761.80	surface protease GP63, putative	0,2925	0,2444
TcCLB.510289.54	hypothetical protein, conserved	0,2924	0,06146
TcCLB.510731.68	hypothetical protein, conserved	0,2923	0,06891
TcCLB.507793.10	hypothetical protein, conserved	0,2922	0,000411
TcCLB.507765.80	hypothetical protein, conserved	0,2922	0,01096
TcCLB.506699.3	hypothetical protein, conserved	0,2922	0,05183
TcCLB.511739.30	hypothetical protein, conserved	0,292	0,05095
TcCLB.509225.21	hypothetical protein	0,292	0,2224
TcCLB.506503.120	hypothetical protein, conserved	0,2919	0,0001631
TcCLB.508503.80	hypothetical protein	0,2918	0,04991
TcCLB.509831.10	cysteine desulfurase, putative	0,2916	0,0114
TcCLB.508163.240	hypothetical protein	0,2916	0,4795
TcCLB.508085.10	GMP synthase, putative	0,2915	0,007397

TcCLB.509967.10	hypothetical protein, conserved	0,2915	0,02849
TcCLB.509003.10	hypothetical protein, conserved	0,2914	0,0009904
TcCLB.503919.40	hypothetical protein, conserved	0,2913	0,001529
TcCLB.510321.20	hypothetical protein, conserved	0,2913	0,01761
TcCLB.508859.118	trans-sialidase, putative	0,2913	0,09213
TcCLB.506367.130	hypothetical protein, conserved	0,2912	0,004852
TcCLB.510855.4	hypothetical protein, conserved	0,2912	0,01932
TcCLB.509733.185	hypothetical protein, conserved (pseudogene)	0,2909	0,01879
TcCLB.506821.200	hypothetical protein, conserved	0,2907	0,01073
TcCLB.509599.50	hypothetical protein, conserved	0,2906	0,004515
TcCLB.511725.230	protein kinase, putative	0,2905	0,0003396
TcCLB.506493.60	hypothetical protein, conserved	0,2905	0,004276
TcCLB.507509.40	hypothetical protein, conserved	0,2905	0,006716
TcCLB.506719.10	phosphatidylinositol (3,5) kinase, putative	0,2905	0,02382
TcCLB.507009.110	hypothetical protein, conserved	0,2905	0,04218
TcCLB.508989.120	hypothetical protein, conserved	0,2904	0,02546
TcCLB.508231.74	poly(A)-specific ribonuclease PARN, putative	0,2904	0,06584
TcCLB.508613.30	peroxisomal membrane protein 4, putative	0,2903	0,0404
TcCLB.511231.30	hypothetical protein, conserved	0,2902	0,01126
TcCLB.510029.50	hypothetical protein, conserved	0,2902	0,01205
TcCLB.511589.250	hypothetical protein, conserved	0,2902	0,02745
TcCLB.505171.80	hypothetical protein, conserved	0,2901	0,002962
TcCLB.506339.100	dispersed gene family protein 1 (DGF-1), putative	0,2901	0,1588
TcCLB.506435.250	hypothetical protein, conserved	0,2899	0,06153
TcCLB.506287.9	hypothetical protein, conserved	0,2897	0,02258
TcCLB.509003.79	coatomer beta subunit, putative (fragment)	0,2895	0,01585
TcCLB.507609.150	hypothetical protein (pseudogene)	0,2895	0,2467
TcCLB.510741.210	glycerol kinase, glycosomal (pseudogene), putative	0,2894	0,0101
TcCLB.508659.9	TPR-repeat-containing chaperone protein DNAJ, putative (	0,2893	0,02109
TcCLB.509831.20	vesicular-fusion ATPase-like protein, putative	0,2892	0,002145
TcCLB.504137.150	hypothetical protein, conserved	0,289	0,002298
TcCLB.511577.90	pseudouridylate synthase-like protein, putative	0,2887	0,009183
TcCLB.511571.10	ATP-dependent DEAD/H RNA helicase, putative	0,2885	0,1738
TcCLB.508193.15	trans-sialidase (pseudogene), putative	0,2884	0,003218
TcCLB.506211.100	Sarcalumenin, putative	0,2884	0,007016
TcCLB.510047.10	hypothetical protein, conserved	0,2883	0,005423
TcCLB.508577.40	dispersed gene family protein 1 (DGF-1), putative	0,2882	0,08414
TcCLB.511671.130	hypothetical protein, conserved	0,2881	0,004865
TcCLB.508451.10	trans-sialidase (pseudogene), putative	0,2881	0,1143
TcCLB.509721.10	MRB1 complex subunit MRB3010 (MRB3010)	0,288	0,06052
TcCLB.507681.200	serine carboxypeptidase S28, putative	0,2879	0,005156
TcCLB.511459.50	hypothetical protein, conserved	0,2879	0,0646
TcCLB.510431.210	vesicular protein trafficking mediator, putative	0,2878	0,01863
TcCLB.508689.20	hypothetical protein, conserved	0,2876	0,004853
TcCLB.508911.20	hypothetical protein, conserved	0,2876	0,0414

TcCLB.504035.80	hypothetical protein, conserved	0,2873	0,1443
TcCLB.510967.30	hypothetical protein	0,2872	0,1593
TcCLB.507795.10	membrane associated protein, putative	0,2871	0,002786
TcCLB.510947.20	hypothetical protein, conserved	0,2868	0,003723
TcCLB.506683.240	trans-sialidase, Group II, putative	0,2867	0,005718
TcCLB.508239.20	hypothetical protein, conserved	0,2866	0,0009807
TcCLB.511055.10	retrotransposon hot spot protein (RHS, pseudogene), puta	0,2866	0,005433
TcCLB.511529.180	hypothetical protein, conserved	0,2865	0,01194
TcCLB.509779.40	hypothetical protein, conserved	0,2865	0,04891
TcCLB.508175.39	hypothetical protein, conserved	0,2864	0,04038
TcCLB.507007.34	hypothetical protein, conserved	0,2863	0,002868
TcCLB.506221.100	hypothetical protein, conserved	0,2862	0,01229
TcCLB.511303.30	hypothetical protein, conserved	0,2862	0,01522
TcCLB.510449.20	hypothetical protein, conserved (pseudogene)	0,2861	0,4805
TcCLB.509877.60	hypothetical protein, conserved	0,286	0,008573
TcCLB.510311.150	mitochondrial protein 99, putative (MP99)	0,286	0,01079
TcCLB.508153.880	hypothetical protein, conserved	0,2859	0,003828
TcCLB.510329.380	hypothetical protein, conserved	0,2859	0,03712
TcCLB.510359.320	DNA-directed RNA polymerase III subunit, putative	0,2858	0,1735
TcCLB.509177.30	hypothetical protein, conserved	0,2857	0,00314
TcCLB.511081.71	hypothetical protein, conserved (pseudogene)	0,2857	0,4179
TcCLB.509561.30	citrate transporter, putative	0,2855	0,02322
TcCLB.510949.10	dual specificity protein phosphatase, putative	0,2854	0,01594
TcCLB.420719.9	Associated kinase of Tb14-3-3, putative (AKB1)	0,2853	0,03611
TcCLB.507485.50	hypothetical protein, conserved	0,2852	0,005822
TcCLB.506113.80	hypothetical protein, conserved (pseudogene)	0,2851	0,01237
TcCLB.508815.140	protein transport protein SEC13, putative	0,285	0,01728
TcCLB.506425.169	Ras-related protein RAB2B, putative (fragment) (RAB2B)	0,285	0,08897
TcCLB.504033.40	hypothetical protein	0,2849	0,0018
TcCLB.508349.39	RNA-binding protein, putative (fragment) (DRBD3)	0,2849	0,00775
TcCLB.509715.60	hypothetical protein, conserved	0,2849	0,05807
TcCLB.511321.10	FG-GAP repeat protein, putative	0,2848	0,0007678
TcCLB.509769.110	Elongator-like Protein 3b, putative	0,2848	0,001044
TcCLB.511483.40	prefoldin subunit 2, putative	0,2848	0,02297
TcCLB.506733.110	hypothetical protein, conserved	0,2848	0,07824
TcCLB.510053.79	FG-GAP repeat protein, putative	0,2847	0,129
TcCLB.507809.60	hypothetical protein, conserved	0,2846	0,004265
TcCLB.503579.140	hypothetical protein, conserved	0,2845	0,01813
TcCLB.506315.20	hypothetical protein, conserved	0,2844	0,02915
TcCLB.510289.10	hypothetical protein, conserved	0,2844	0,06903
TcCLB.509237.50	hypothetical protein, conserved	0,2842	0,001285
TcCLB.506863.4	dephospho-CoA kinase, putative	0,2842	0,2519
TcCLB.510841.20	hypothetical protein, conserved	0,2841	0,06131
TcCLB.511867.190	tubulin gamma chain (TUBG)	0,284	0,003626
TcCLB.503917.7	RNA-binding protein, putative	0,284	0,01284



TcCLB.510381.20	ABC transporter, putative	0,284	0,02409
TcCLB.511315.20	hypothetical protein, conserved	0,2839	0,01053
TcCLB.504149.130	hypothetical protein, conserved	0,2834	0,0002636
TcCLB.504153.129	hypothetical protein, conserved	0,2834	0,007316
TcCLB.508039.10	retrotransposon hot spot protein (RHS, pseudogene), puta	0,2833	0,007892
TcCLB.510565.130	hypothetical protein	0,2832	0,01346
TcCLB.504147.70	hypothetical protein, conserved	0,2832	0,02728
TcCLB.506961.20	dispersed gene family protein 1 (DGF-1), putative	0,2831	0,3075
TcCLB.510719.270	hypothetical protein, conserved	0,2829	0,07498
TcCLB.510175.150	hypothetical protein, conserved	0,2828	0,1729
TcCLB.508479.480	N-acetyltransferase complex ARD1 subunit (pseudogene),	0,2827	0,1698
TcCLB.511585.280	retrotransposon hot spot protein (RHS, pseudogene), puta	0,2826	0,01959
TcCLB.504427.120	hypothetical protein, conserved	0,2826	0,02324
TcCLB.507155.9	dispersed gene family protein 1 (DGF-1, pseudogene), put	0,2826	0,1914
TcCLB.509507.49	mitotic cyclin, putative	0,2825	0,06383
TcCLB.510575.239	hypothetical protein, conserved	0,2824	0,3636
TcCLB.511423.40	TFIIH basal transcription factor subunit, putative (TSP1)	0,2823	0,0274
TcCLB.506863.10	alanyl-tRNA synthetase, putative	0,2822	0,00004744
TcCLB.504149.30	hypothetical protein, conserved	0,2822	0,01855
TcCLB.508139.20	dispersed gene family protein 1 (DGF-1), putative	0,2821	0,0487
TcCLB.507993.100	hypothetical protein, conserved	0,282	0,1029
TcCLB.508131.10	hypothetical protein, conserved (pseudogene)	0,2819	0,001554
TcCLB.507105.20	mitochondrial RNA binding complex 1 subunit, putative	0,2819	0,03138
TcCLB.511445.90	hypothetical protein, conserved	0,2818	0,001484
TcCLB.511581.20	fatty acyl CoA syntetase 1	0,2818	0,01465
TcCLB.504021.40	hypothetical protein, conserved	0,2817	0,003881
TcCLB.504167.40	ubiquitin fusion degradation protein, putative	0,2816	0,02501
TcCLB.421619.10	hypothetical protein	0,2815	0,01314
TcCLB.508903.30	retrotransposon hot spot protein (RHS, pseudogene), puta	0,2815	0,06638
TcCLB.411337.10	retrotransposon hot spot protein (RHS, pseudogene), puta	0,2812	0,1037
TcCLB.506587.60	target SNARE, putative	0,2811	0,02668
TcCLB.504153.170	hypothetical protein, conserved	0,281	0,000039
TcCLB.506179.10	ferric reductase transmembrane protein, putative (FR1)	0,2809	0,00007882
TcCLB.506631.50	hypothetical protein, conserved (fragment)	0,2809	0,5047
TcCLB.510287.30	proteasome subunit beta type-2, putative	0,2808	0,01214
TcCLB.505965.80	hypothetical protein, conserved	0,2808	0,04708
TcCLB.509769.100	hypothetical protein, conserved	0,2807	0,01789
TcCLB.511713.30	hypothetical protein, conserved	0,2806	0,03561
TcCLB.506893.25	U6 snRNA-associated Sm-like protein LSm6p	0,2806	0,3398
TcCLB.508207.150	Silent information regulator 2 related protein 1, putative (	0,2805	0,01817
TcCLB.507517.120	hypothetical protein, conserved	0,2805	0,04749
TcCLB.507025.30	hypothetical protein, conserved	0,2805	0,06816
TcCLB.506155.40	hypothetical protein, conserved	0,2803	0,002451
TcCLB.510307.320	retrotransposon hot spot protein (RHS, pseudogene), puta	0,2803	0,03543
TcCLB.511837.120	hypothetical protein, conserved	0,2803	0,2308

TcCLB.510411.30	retrotransposon hot spot protein (RHS, pseudogene), puta	0,2802	0,1509
TcCLB.507643.15	beta galactofuranosyl glycosyltransferase, putative (fragn	0,2802	0,2075
TcCLB.510699.100	hypothetical protein	0,28	0,3951
TcCLB.507711.10	intraflagellar transport protein 57/55, putative (IFT57/55)	0,2798	0,01106
TcCLB.506211.210	mitogen-activated protein kinase kinase kinase, putative (	0,2796	0,003091
TcCLB.511511.10	endosomal trafficking protein RME-8, putative	0,2795	0,005932
TcCLB.506405.70	hypothetical protein, conserved	0,2795	0,04812
TcCLB.511215.10	hypothetical protein, conserved	0,2791	0,03023
TcCLB.511211.110	hypothetical protein, conserved	0,279	0,003291
TcCLB.507811.120	myosin heavy chain MYA2-related, putative	0,279	0,008963
TcCLB.508039.90	phosphoinositide-specific phospholipase C (pseudogene),	0,279	0,04578
TcCLB.510121.140	hypothetical protein, conserved	0,2786	0,01197
TcCLB.510349.40	hypothetical protein, conserved	0,2785	0,0009036
TcCLB.507547.40	enoyl-CoA hydratase/Enoyl-CoA isomerase/3-hydroxyacyl-	0,2784	0,007136
TcCLB.507993.250	hypothetical protein, conserved	0,2784	0,01013
TcCLB.511649.140	hypothetical protein, conserved	0,2784	0,05057
TcCLB.508717.10	tyrosine specific protein phosphatase, putative	0,2783	0,004697
TcCLB.509733.95	hypothetical protein	0,2782	0,009293
TcCLB.511577.80	hypothetical protein, conserved	0,2781	0,009536
TcCLB.507389.60	chaperone DNAJ protein, putative	0,2781	0,1411
TcCLB.509073.110	hypothetical protein, conserved	0,278	0,003323
TcCLB.503581.30	hypothetical protein, conserved	0,278	0,1298
TcCLB.509551.110	hypothetical protein, conserved	0,2779	0,007704
TcCLB.503653.30	ribosomal RNA processing protein 41B, putative (RRP41B)	0,2779	0,03112
TcCLB.511189.84	hypothetical protein, conserved	0,2777	0,06777
TcCLB.506895.50	hypothetical protein, conserved	0,2776	0,0317
TcCLB.452039.9	hypothetical protein, conserved	0,2775	0,002333
TcCLB.508737.170	hypothetical protein, conserved	0,2775	0,02673
TcCLB.506943.110	hypothetical protein	0,2773	0,09361
TcCLB.511233.40	hypothetical protein, conserved	0,2772	0,004251
TcCLB.504231.30	hypothetical protein, conserved	0,2771	0,007658
TcCLB.511139.30	hypothetical protein, conserved	0,2771	0,02111
TcCLB.506775.190	serine/threonine protein kinase, putative	0,277	0,11
TcCLB.508381.40	retrotransposon hot spot protein (RHS, pseudogene), puta	0,2769	0,1709
TcCLB.508067.10	hypothetical protein, conserved	0,2768	0,00002568
TcCLB.508241.90	hypothetical protein, conserved	0,2768	0,00191
TcCLB.511649.60	COP9 signalosome complex subunit 5, putative	0,2767	0,006968
TcCLB.507507.30	hypothetical protein, conserved	0,2766	0,01855
TcCLB.509591.40	hypothetical protein, conserved	0,2765	0,001056
TcCLB.510537.68	syntaxin binding protein (pseudogene), putative	0,2765	0,5505
TcCLB.509541.10	hypothetical protein, conserved	0,2764	0,002797
TcCLB.508153.640	IAG-nucleoside hydrolase, putative (IAGNH)	0,2763	0,0009155
TcCLB.508787.30	pumilio/PUF RNA binding protein 3, putative (PUF3)	0,2763	0,006316
TcCLB.506303.140	hypothetical protein, conserved	0,2761	0,008788
TcCLB.509429.140	kinetoplastid kinetochore protein 6, putative (kkt6)	0,2761	0,06164

TcCLB.511751.22	hypothetical protein, conserved	0,2761	0,1369
TcCLB.472777.9	hypothetical protein, conserved	0,2761	0,2937
TcCLB.506503.150	histone H3 variant, putative	0,276	0,01196
TcCLB.508163.40	mucin TcMUCII (pseudogene), putative	0,2754	0,4604
TcCLB.511897.28	hypothetical protein, conserved	0,2752	0,06733
TcCLB.511541.20	hypothetical protein	0,2751	0,01267
TcCLB.510851.40	trans-sialidase (pseudogene), putative	0,275	0,08046
TcCLB.510101.310	hypothetical protein	0,2749	0,002881
TcCLB.504125.90	protein kinase, putative	0,2749	0,005444
TcCLB.506577.30	hypothetical protein, conserved	0,2749	0,01319
TcCLB.510469.30	trans-sialidase (pseudogene), putative	0,2748	0,4554
TcCLB.510241.120	Peptide deformylase 2, putative (PDF2)	0,2747	0,01868
TcCLB.509647.120	hypothetical protein	0,2747	0,02273
TcCLB.508897.40	hypothetical protein, conserved	0,2746	0,002479
TcCLB.511277.570	60S ribosomal protein L7, putative	0,2742	0,01563
TcCLB.503919.30	hypothetical protein, conserved	0,2742	0,05765
TcCLB.508137.30	ubiquitin-conjugating enzyme E2, putative	0,2737	0,04408
TcCLB.507817.9	histone H3, putative	0,2736	0,149
TcCLB.508707.224	tubulin binding cofactor A-like protein, putative	0,2735	0,09474
TcCLB.509065.140	hypothetical protein, conserved	0,2733	0,08538
TcCLB.509755.60	hypothetical protein, conserved (pseudogene)	0,2732	0,3585
TcCLB.506223.80	Metalloprotease M41 FtsH, putative	0,273	0,002023
TcCLB.504045.20	hypothetical protein, conserved	0,273	0,003711
TcCLB.506575.70	Present in the outer mitochondrial membrane proteome 4	0,2728	0,006753
TcCLB.507029.20	DNA-J protein, putative	0,2728	0,02941
TcCLB.511741.40	RNA-binding protein, putative	0,2727	0,01501
TcCLB.511245.100	hypothetical protein, conserved	0,2727	0,0203
TcCLB.510593.40	kinetoplastid kinetochore protein 8, putative (kkt8)	0,2726	0,01722
TcCLB.509777.4	ribosomal protein L2, putative	0,2726	0,03452
TcCLB.509825.20	hypothetical protein, conserved	0,2726	0,06143
TcCLB.510687.50	hypothetical protein, conserved	0,2725	0,00692
TcCLB.507669.80	protein phosphatase, putative	0,2724	0,002487
TcCLB.509543.20	hypothetical protein, conserved	0,2724	0,02927
TcCLB.511523.40	hypothetical protein, conserved	0,2722	0,04521
TcCLB.506893.90	hypothetical protein, conserved	0,2722	0,1341
TcCLB.510651.10	hypothetical protein, conserved	0,2722	0,1735
TcCLB.507089.40	CMP-sialic acid transporter, putative	0,2721	0,04943
TcCLB.510687.140	alkylated DNA repair protein, putative	0,272	0,0229
TcCLB.505267.100	retrotransposon hot spot protein (RHS, pseudogene), puta	0,2719	0,02209
TcCLB.508461.420	30S Ribosomal protein S17, putative	0,2718	0,01425
TcCLB.508543.100	hypothetical protein, conserved	0,2717	0,001213
TcCLB.511189.80	small nuclear ribonucleoprotein SmD2, putative	0,2717	0,01945
TcCLB.511851.10	dispersed gene family protein 1 (DGF-1), putative	0,2717	0,09055
TcCLB.506425.10	serine carboxypeptidase S28, putative	0,2714	0,03173
TcCLB.511529.120	hypothetical protein, conserved	0,2714	0,06843

TcCLB.509635.9	hypothetical protein, conserved	0,2713	0,04318
TcCLB.504141.31	hypothetical protein, conserved (pseudogene)	0,2712	0,1889
TcCLB.507023.50	hypothetical protein, conserved	0,2707	0,02061
TcCLB.508781.80	hypothetical protein, conserved	0,2706	0,01099
TcCLB.509461.20	hypothetical protein, conserved	0,2704	0,04594
TcCLB.508469.50	hypothetical protein, conserved (pseudogene)	0,2702	0,02068
TcCLB.511903.220	hypothetical protein, conserved	0,27	0,003243
TcCLB.503727.10	centrin, putative	0,2699	0,02253
TcCLB.509157.80	DnaJ homolog, putative	0,2699	0,0551
TcCLB.507641.80	5'-3' exoribonuclease D, putative (XRND)	0,2691	0,001204
TcCLB.507077.20	palmitoyl acyltransferase 4, putative	0,2691	0,007325
TcCLB.509319.30	hypothetical protein, conserved	0,269	0,01491
TcCLB.508409.100	hypothetical protein, conserved	0,2688	0,00127
TcCLB.506961.10	retrotransposon hot spot (RHS) protein, putative	0,2688	0,02582
TcCLB.509693.170	hypothetical protein, conserved	0,2688	0,02874
TcCLB.507057.20	hypothetical protein, conserved	0,2688	0,03186
TcCLB.507543.10	dispersed gene family protein 1 (DGF-1), putative	0,2687	0,5182
TcCLB.507513.80	hypothetical protein, conserved	0,2686	0,008537
TcCLB.509585.10	dynein heavy chain, putative	0,2685	0,00898
TcCLB.504153.250	Present in the outer mitochondrial membrane proteome 1	0,2684	0,0425
TcCLB.470521.10	protein kinase, putative (fragment)	0,2684	0,1005
TcCLB.509959.198	ATP-dependent DEAD/H RNA helicase (pseudogene), puta	0,2684	0,4207
TcCLB.478671.9	hypothetical protein, conserved	0,2683	0,01665
TcCLB.510041.10	sec1 family transport protein, putative	0,2683	0,1421
TcCLB.509029.150	hypothetical protein, conserved	0,2681	0,1121
TcCLB.510183.30	hypothetical protein, conserved	0,268	0,005061
TcCLB.503723.60	tartrate-resistant acid phosphatase type 5 precursor, puta	0,2678	0,03375
TcCLB.508741.270	Kinetoplastid RNA editing protein 1, putative (KREPA1)	0,2673	0,005161
TcCLB.511649.160	hypothetical protein, conserved	0,2673	0,01623
TcCLB.506047.16	N-acetyltransferase complex ARD1 subunit (pseudogene),	0,2672	0,2753
TcCLB.506733.80	hypothetical protein, conserved	0,2671	0,02855
TcCLB.511233.30	hypothetical protein, conserved	0,267	0,03234
TcCLB.506925.370	MP44 (pseudogene), putative	0,2669	0,3037
TcCLB.509141.10	hypothetical protein	0,2668	0,001644
TcCLB.510289.60	hypothetical protein	0,2668	0,1192
TcCLB.507681.20	succinyl-CoA ligase [GDP-forming] beta-chain, putative	0,2667	0,0004001
TcCLB.504203.10	hypothetical protein, conserved	0,2667	0,02147
TcCLB.506727.120	hypothetical protein, conserved	0,2666	0,001287
TcCLB.508505.20	hypothetical protein, conserved	0,2665	0,01852
TcCLB.509601.130	hypothetical protein, conserved	0,2664	0,1133
TcCLB.508817.70	DNA repair protein RAD50, putative	0,2663	0,0001461
TcCLB.508479.274	hypothetical protein, conserved	0,2663	0,003481
TcCLB.507911.50	hypothetical protein, conserved	0,2663	0,08201
TcCLB.503879.50	hypothetical protein, conserved	0,2662	0,02638
TcCLB.506683.250	retrotransposon hot spot protein (RHS, pseudogene), puta	0,2661	0,2147

TcCLB.511337.10	hypothetical protein, conserved	0,2659	0,01698
TcCLB.507673.65	DNA-directed RNA polymerase subunit, putative	0,2659	0,5386
TcCLB.506365.20	retrotransposon hot spot protein (RHS, pseudogene), puta	0,2658	0,001216
TcCLB.506529.320	hypothetical protein, conserved	0,2657	0,02257
TcCLB.509393.20	hypothetical protein, conserved	0,2656	0,02986
TcCLB.506909.131	elongation factor 1-gamma (EF-1-gamma, pseudogene),	0,2656	0,5498
TcCLB.510965.20	mitochondrial inner membrane signal peptidase, putative	0,2653	0,138
TcCLB.510525.30	hypothetical protein, conserved	0,265	0,005984
TcCLB.511817.200	Present in the outer mitochondrial membrane proteome 3	0,265	0,0134
TcCLB.510181.150	caltractin, putative	0,2649	0,1004
TcCLB.511767.100	hypothetical protein, conserved	0,2646	0,2771
TcCLB.506779.130	hypothetical protein	0,2645	0,01393
TcCLB.504241.34	dispersed gene family protein 1 (DGF-1), putative (fragme	0,2645	0,2198
TcCLB.511237.80	hypothetical protein, conserved	0,2643	0,009681
TcCLB.509979.230	hypothetical protein, conserved	0,2643	0,05784
TcCLB.510187.160	developmentally regulated GTP-binding protein, putative	0,2642	0,001934
TcCLB.506829.100	fatty acyl CoA syntetase 1, putative	0,2642	0,002732
TcCLB.511181.160	choline/ethanolamine kinase (pseudogene), putative	0,2642	0,02827
TcCLB.508347.150	hypothetical protein, conserved	0,2641	0,004102
TcCLB.510091.7	diacylglycerol acyltransferase, putative (fragment)	0,2641	0,06177
TcCLB.506459.280	hypothetical protein, conserved	0,264	0,03356
TcCLB.503897.170	citrate transporter, putative	0,2639	0,07087
TcCLB.507875.210	retrotransposon hot spot protein (RHS, pseudogene), puta	0,2638	0,00698
TcCLB.508355.20	hypothetical protein, conserved	0,2637	0,1236
TcCLB.511885.50	retrotransposon hot spot protein (RHS, pseudogene), puta	0,2636	0,03114
TcCLB.509747.70	actin-like protein, putative	0,2636	0,05275
TcCLB.510103.17	hypothetical protein, conserved	0,2634	0,02506
TcCLB.510749.90	hypothetical protein, conserved	0,2634	0,12
TcCLB.511445.40	hypothetical protein, conserved	0,2633	0,01693
TcCLB.510155.50	hypothetical protein, conserved	0,2633	0,04478
TcCLB.504079.6	selenophosphate synthetase, putative	0,2631	0,007187
TcCLB.506265.114	Enriched in surface-labeled proteome protein 11, putative	0,2631	0,01302
TcCLB.510101.130	inositol-1,4,5-trisphosphate (IP3) 5-phosphatase, putative	0,2629	0,003748
TcCLB.506289.50	hypothetical protein, conserved	0,2628	0,005895
TcCLB.505843.24	succinate dehydrogenase, putative	0,2627	0,008156
TcCLB.511351.9	inosine-5'-monophosphate dehydrogenase, putative	0,2626	0,0171
TcCLB.505387.9	dispersed gene family protein 1 (DGF-1), putative (fragme	0,2626	0,1286
TcCLB.510121.120	hypothetical protein, conserved	0,2624	0,03924
TcCLB.503453.4	hypothetical protein, conserved	0,2624	0,2765
TcCLB.511225.20	retrotransposon hot spot protein (RHS, pseudogene), puta	0,2623	0,003783
TcCLB.506745.20	hypothetical protein, conserved	0,2623	0,03439
TcCLB.507883.80	adenylate kinase, putative	0,2623	0,1128
TcCLB.508169.60	dolicholphosphate-mannose synthase, putative (DPMS)	0,2622	0,04361
TcCLB.510445.40	hypothetical protein	0,262	0,04298
TcCLB.509105.110	hypothetical protein, conserved	0,2618	0,03093

TcCLB.504827.110	hypothetical protein, conserved	0,2616	0,006733
TcCLB.508013.90	hypothetical protein	0,2616	0,5012
TcCLB.506559.230	hypothetical protein, conserved	0,2615	0,1445
TcCLB.511861.60	beta galactofuranosyl glycosyltransferase (pseudogene), f	0,2615	0,1456
TcCLB.509951.10	nucleolar protein, putative	0,2614	0,1077
TcCLB.506855.60	hypothetical protein, conserved	0,2613	0,0236
TcCLB.504129.40	hypothetical protein, conserved	0,2613	0,05122
TcCLB.413293.20	hypothetical protein	0,2613	0,4773
TcCLB.508919.30	hypothetical protein, conserved	0,2612	0,07403
TcCLB.506823.65	trans-sialidase (pseudogene), putative	0,2612	0,2478
TcCLB.503401.11	retrotransposon hot spot (RHS) protein, putative (fragmer	0,2609	0,516
TcCLB.511111.10	translation initiation factor IF-2, putative	0,2608	0,001199
TcCLB.507583.20	nucleolar protein, putative	0,2608	0,04123
TcCLB.506773.30	hypothetical protein, conserved	0,2606	0,001871
TcCLB.507211.10	choline/carnitine O-acyltransferase, putative	0,2606	0,01177
TcCLB.504427.270	hypothetical protein, conserved	0,2604	0,03084
TcCLB.507317.20	hypothetical protein	0,2602	0,04708
TcCLB.508033.20	hypothetical protein	0,2602	0,5806
TcCLB.510543.140	retrotransposon hot spot protein (RHS, pseudogene), puta	0,2601	0,06816
TcCLB.508061.30	retrotransposon hot spot protein (RHS, pseudogene), puta	0,2601	0,1057
TcCLB.506337.10	vacuolar protein sorting-associated protein-like, putative	0,26	0,02309
TcCLB.506271.10	ATP-dependent DEAD/H RNA helicase (pseudogene), puta	0,26	0,2302
TcCLB.508221.780	hypothetical protein	0,26	0,3182
TcCLB.461879.10	retrotransposon hot spot protein (RHS, pseudogene), puta	0,2598	0,1476
TcCLB.507859.120	dispersed gene family protein 1 (DGF-1), putative	0,2598	0,6056
TcCLB.509055.60	hypothetical protein, conserved	0,2595	0,1554
TcCLB.506493.70	serine/threonine protein kinase, putative	0,2594	0,009634
TcCLB.507143.50	hypothetical protein, conserved	0,2593	0,01623
TcCLB.508209.144	hypothetical protein, conserved	0,2593	0,08273
TcCLB.511809.80	hypothetical protein, conserved	0,2591	0,001692
TcCLB.509037.40	eukaryotic translation initiation factor 4E, putative	0,2591	0,003773
TcCLB.510143.80	RNA-binding protein, putative	0,259	0,008334
TcCLB.510659.257	phospholipase A2-like protein, putative	0,259	0,02684
TcCLB.503939.40	hypothetical protein, conserved	0,2589	0,01103
TcCLB.503689.30	flagellar protofilament ribbon protein, putative	0,2589	0,01475
TcCLB.510519.140	hypothetical protein, conserved	0,2588	0,13
TcCLB.503541.40	hypothetical protein, conserved	0,2586	0,05085
TcCLB.506833.20	hypothetical protein, conserved	0,2586	0,1257
TcCLB.506855.70	hypothetical protein, conserved	0,2582	0,004465
TcCLB.508461.390	hypothetical protein, conserved	0,2581	0,007037
TcCLB.510879.80	serine acetyltransferase, putative (SAT)	0,258	0,02758
TcCLB.504179.50	hypothetical protein	0,2579	0,01209
TcCLB.503729.10	hypothetical protein, conserved	0,2577	0,1011
TcCLB.510655.40	hypothetical protein, conserved	0,2576	0,0201
TcCLB.508111.20	hypothetical protein, conserved	0,2576	0,02192

TcCLB.506925.190	hypothetical protein, conserved	0,2576	0,06966
TcCLB.508951.70	hypothetical protein, conserved	0,2574	0,02809
TcCLB.503719.30	hypothetical protein, conserved	0,2574	0,1109
TcCLB.508283.40	trans-sialidase (pseudogene), putative	0,2574	0,1329
TcCLB.503755.54	hypothetical protein, conserved	0,2573	0,01821
TcCLB.510879.110	ribosomal protein L3, putative	0,2572	0,009851
TcCLB.506345.30	retrotransposon hot spot protein (RHS, pseudogene), puta	0,2571	0,007573
TcCLB.508741.10	hypothetical protein	0,257	0,006554
TcCLB.509859.90	NAD-dependent deacetylase, putative (fragment)	0,257	0,3645
TcCLB.507153.10	hypothetical protein, conserved	0,257	0,3917
TcCLB.508061.60	retrotransposon hot spot protein (RHS, pseudogene), puta	0,2569	0,03527
TcCLB.506989.199	hypothetical protein, conserved	0,2567	0,1772
TcCLB.504741.130	hypothetical protein, conserved	0,2566	0,001569
TcCLB.506327.40	hypothetical protein, conserved	0,2566	0,002655
TcCLB.509177.40	hypothetical protein, conserved	0,2566	0,03464
TcCLB.508441.30	protein kinase, putative	0,2564	0,1829
TcCLB.510421.290	Mad2-like HORMA domain containing protein (mad2)	0,2563	0,02245
TcCLB.510691.20	hypothetical protein, conserved	0,2562	0,007874
TcCLB.508693.180	ankyrin, putative	0,2562	0,008297
TcCLB.510337.11	hypothetical protein, conserved (fragment)	0,2562	0,03587
TcCLB.504161.50	hypothetical protein, conserved	0,2562	0,05189
TcCLB.511865.10	hypothetical protein, conserved	0,256	0,01102
TcCLB.506045.11	retrotransposon hot spot protein (RHS, pseudogene), puta	0,256	0,0948
TcCLB.503801.9	RAD50 DNA repair protein, putative (fragment)	0,2559	0,00785
TcCLB.509617.10	paraflagellar rod protein 3, putative (pseudogene) (PAR3)	0,2559	0,03585
TcCLB.509965.170	hypothetical protein, conserved	0,2556	0,01597
TcCLB.510975.10	hypothetical protein, conserved (pseudogene)	0,2556	0,1922
TcCLB.508355.200	vacuolar protein sorting protein 16, putative	0,2555	0,002005
TcCLB.509039.10	hypothetical protein, conserved	0,2555	0,002475
TcCLB.508221.880	hypothetical protein	0,2555	0,636
TcCLB.510247.10	R27-2 protein, putative	0,2554	0,05097
TcCLB.511613.40	mucin-associated surface protein (MASP), putative	0,2553	0,3504
TcCLB.510425.10	hypothetical protein, conserved	0,2552	0,1356
TcCLB.503805.10	hypothetical protein, conserved	0,2551	0,06159
TcCLB.508641.170	protein kinase, putative	0,2551	0,1029
TcCLB.510629.430	prefoldin subunit, putative	0,2551	0,1182
TcCLB.506437.40	tuzin	0,255	0,004438
TcCLB.508897.80	hypothetical protein, conserved	0,255	0,00742
TcCLB.506777.120	protein kinase, putative	0,2549	0,0474
TcCLB.506559.364	hypothetical protein, conserved	0,2548	0,0005941
TcCLB.506855.140	synaptobrevin, putative	0,2548	0,02322
TcCLB.511261.150	hypothetical protein, conserved	0,2548	0,08834
TcCLB.507891.20	flagellar calcium-binding-like protein, putative	0,2547	0,05858
TcCLB.510767.30	hypothetical protein	0,2547	0,1285
TcCLB.506389.20	trans-sialidase (pseudogene), putative	0,2547	0,1656

TcCLB.507665.30	ferric reductase transmembrane protein, putative (FR1)	0,2546	0,004297
TcCLB.510007.60	hypothetical protein, conserved	0,2546	0,004596
TcCLB.503987.4	Ras-related protein RAB2B, putative (fragment) (RAB2B)	0,2546	0,09573
TcCLB.510431.280	RNA editing complex protein MP46, putative	0,2545	0,0495
TcCLB.504625.30	hypothetical protein	0,2544	0,007489
TcCLB.511825.20	hypothetical protein, conserved	0,2544	0,0526
TcCLB.511377.25	elongation factor 1-gamma (EF-1-gamma, pseudogene),	0,2543	0,5348
TcCLB.507873.20	cell differentiation protein, putative	0,2542	0,0559
TcCLB.509539.50	small GTP-binding protein, putative	0,2541	0,007246
TcCLB.506635.40	hypothetical protein, conserved	0,2541	0,02575
TcCLB.506933.24	hypothetical protein, conserved	0,2541	0,03855
TcCLB.506457.70	hypothetical protein, conserved	0,2541	0,1112
TcCLB.503799.10	DNA repair protein RAD50, putative	0,254	0,002351
TcCLB.508241.110	hypothetical protein, conserved	0,254	0,01689
TcCLB.505987.10	hypothetical protein, conserved (pseudogene)	0,254	0,09631
TcCLB.510903.20	hypothetical protein, conserved	0,254	0,191
TcCLB.507583.40	hypothetical protein, conserved	0,2539	0,008181
TcCLB.503909.60	hypothetical protein, conserved	0,2539	0,04262
TcCLB.506247.90	hypothetical protein	0,2539	0,0582
TcCLB.510657.90	hypothetical protein, conserved	0,2534	0,1028
TcCLB.503431.100	chromatin assembly factor 1 subunit B, putative	0,2527	0,0123
TcCLB.506479.30	hypothetical protein, conserved	0,2527	0,04453
TcCLB.509155.30	hypothetical protein, conserved	0,2525	0,01177
TcCLB.506821.180	aquaporin-like protein, putative	0,2525	0,07613
TcCLB.507623.40	hypothetical protein, conserved	0,2524	0,06397
TcCLB.510167.20	hypothetical protein, conserved	0,2523	0,1386
TcCLB.503815.20	lysyl-tRNA synthetase, putative	0,2521	0,03976
TcCLB.507003.50	hypothetical protein, conserved	0,2521	0,1096
TcCLB.508549.10	legume-like lectin, putative	0,2518	0,02658
TcCLB.509063.20	hypothetical protein, conserved	0,2518	0,04725
TcCLB.509029.50	hypothetical protein, conserved	0,2514	0,08941
TcCLB.511339.20	C-5 sterol desaturase, putative	0,2513	0,04665
TcCLB.507875.60	beta galactofuranosyl glycosyltransferase, putative	0,2512	0,1261
TcCLB.504055.50	hypothetical protein, conserved	0,2511	0,01292
TcCLB.510311.20	hypothetical protein, conserved	0,251	0,02792
TcCLB.511185.10	hypothetical protein	0,251	0,08845
TcCLB.508323.9	farnesyl pyrophosphate synthase, putative	0,2509	0,02282
TcCLB.509105.4	Generative cell specific 1 protein, putative (GCS1)	0,2509	0,1233
TcCLB.508207.180	Eukaryotic translation initiation factor 4E type 6, putative	0,2507	0,01799
TcCLB.504075.10	RNA polymerase I, putative	0,2506	0,06229
TcCLB.506989.40	Golgi vesicular membrane trafficking protein, putative	0,2506	0,1671
TcCLB.503723.40	hypothetical protein, conserved	0,2503	0,02867
TcCLB.511165.109	hypothetical protein, conserved	0,2503	0,08708
TcCLB.507047.140	hypothetical protein, conserved	0,2502	0,03551
TcCLB.506331.64	hypothetical protein	0,2501	0,3244



TcCLB.503919.4	hypothetical protein, conserved	0,2499	0,3186
TcCLB.511533.10	hypothetical protein, conserved	0,2496	0,03944
TcCLB.504741.180	hypothetical protein, conserved	0,2495	0,06144
TcCLB.503987.20	hypothetical protein, conserved	0,2495	0,08021
TcCLB.510789.20	mucin TcMUC (pseudogene), putative	0,2495	0,2232
TcCLB.510035.10	trans-sialidase (pseudogene), putative	0,2494	0,007431
TcCLB.510763.109	rRNA processing protein, putative	0,2494	0,06564
TcCLB.507895.160	hypothetical protein, conserved	0,2493	0,07825
TcCLB.509719.60	hypothetical protein	0,2491	0,1746
TcCLB.505183.84	hypothetical protein, conserved	0,2489	0,04339
TcCLB.511655.50	hypothetical protein, conserved (pseudogene)	0,2489	0,05396
TcCLB.508045.40	hypothetical protein, conserved	0,2488	0,01297
TcCLB.506693.50	ribonuclease inhibitor-like protein, putative	0,2487	0,06577
TcCLB.506943.114	U6 snRNA-associated Sm-like protein LSm5p	0,2486	0,1446
TcCLB.445869.10	hypothetical protein, conserved	0,2485	0,02853
TcCLB.504045.70	hypothetical protein, conserved	0,2485	0,1126
TcCLB.506963.30	hypothetical protein, conserved	0,2485	0,1184
TcCLB.440363.10	hypothetical protein, conserved	0,2485	0,1344
TcCLB.511583.10	hypothetical protein, conserved	0,2483	0,07033
TcCLB.506519.80	hypothetical protein, conserved	0,2483	0,07073
TcCLB.503929.50	hypothetical protein, conserved	0,2483	0,08448
TcCLB.507807.40	hypothetical protein, conserved	0,2482	0,02536
TcCLB.506321.359	MRB1-associated protein, putative	0,2481	0,1516
TcCLB.504333.20	trans-sialidase (pseudogene), putative	0,248	0,02524
TcCLB.508799.10	hypothetical protein, conserved	0,248	0,06372
TcCLB.511725.250	chaperonin containing t-complex protein, putative	0,2479	0,00008171
TcCLB.510655.60	hypothetical protein, conserved	0,2479	0,08733
TcCLB.507787.80	hypothetical protein, conserved	0,2479	0,1769
TcCLB.508163.181	hypothetical protein, conserved (pseudogene)	0,2479	0,4655
TcCLB.508459.9	hypothetical protein, conserved	0,2478	0,09098
TcCLB.508893.10	hypothetical protein, conserved	0,2477	0,02981
TcCLB.506495.6	hypothetical protein, conserved	0,2476	0,1037
TcCLB.503899.10	heat shock 70 kDa protein, putative	0,2475	0,026
TcCLB.511577.150	hypothetical protein, conserved	0,2475	0,03416
TcCLB.510187.380	hypothetical protein, conserved	0,2474	0,03419
TcCLB.504827.159	hypothetical protein, conserved	0,2471	0,1192
TcCLB.510911.40	hypothetical protein, conserved	0,2471	0,1569
TcCLB.509507.20	hypothetical protein, conserved	0,2467	0,00824
TcCLB.511367.280	hypothetical protein, conserved	0,2467	0,02443
TcCLB.507927.80	hypothetical protein	0,2466	0,06807
TcCLB.506363.20	hypothetical protein, conserved	0,2466	0,1052
TcCLB.506711.30	cyclin, putative	0,2466	0,1086
TcCLB.508231.174	hypothetical protein, conserved	0,2466	0,1469
TcCLB.511021.60	hypothetical protein, conserved	0,2465	0,03766
TcCLB.510533.50	hypothetical protein, conserved	0,2465	0,1185

TcCLB.510101.110	hypothetical protein, conserved	0,2464	0,006654
TcCLB.506155.80	hypothetical protein, conserved	0,2464	0,01803
TcCLB.511237.40	CDP-DAG synthase, putative (CDS)	0,2461	0,02551
TcCLB.511725.120	kinetoplast polyadenylation/uridylation factor 2, putative	0,246	0,02087
TcCLB.509641.50	hypothetical protein, conserved	0,2459	0,02658
TcCLB.504125.120	hypothetical protein, conserved	0,2459	0,1208
TcCLB.510073.50	elongation factor 1-gamma (EF-1-gamma), putative	0,2458	0,04025
TcCLB.507669.180	hypothetical protein, conserved	0,2457	0,01372
TcCLB.506793.10	hypothetical protein, conserved (pseudogene)	0,2457	0,04334
TcCLB.507991.80	hypothetical protein, conserved	0,2455	0,01053
TcCLB.510799.70	hypothetical protein, conserved	0,2452	0,03197
TcCLB.506713.14	hypothetical protein, conserved	0,2452	0,1743
TcCLB.510737.10	6-phosphogluconate dehydrogenase, decarboxylating, putative	0,2452	0,183
TcCLB.506915.20	hypothetical protein	0,2451	0,02161
TcCLB.506435.440	hypothetical protein, conserved	0,245	0,01718
TcCLB.511867.180	hypothetical protein, conserved	0,245	0,06771
TcCLB.506529.250	hypothetical protein, conserved	0,2448	0,004118
TcCLB.506445.30	cation transporter, putative	0,2448	0,01853
TcCLB.511711.60	hypothetical protein	0,2448	0,2216
TcCLB.510879.120	ribosomal protein L3, putative	0,2446	0,0005787
TcCLB.507817.70	hypothetical protein, conserved	0,2445	0,0639
TcCLB.510731.59	dual specificity protein phosphatase, putative	0,2444	0,06555
TcCLB.508711.40	mitochondrial RNA binding protein, putative	0,2442	0,01149
TcCLB.508325.180	retrotransposon hot spot protein (RHS, pseudogene), putative	0,2442	0,0182
TcCLB.506773.150	hypothetical protein	0,2442	0,031
TcCLB.503651.40	hypothetical protein	0,244	0,04594
TcCLB.511481.10	hypothetical protein, conserved	0,2439	0,108
TcCLB.508387.40	hypothetical protein, conserved	0,2439	0,1524
TcCLB.503895.10	hypothetical protein, conserved	0,2438	0,02374
TcCLB.511589.60	hypothetical protein, conserved	0,2437	0,1911
TcCLB.506525.104	AP-4 complex subunit sigma-1, putative	0,2436	0,1657
TcCLB.509767.220	hypothetical protein, conserved	0,2435	0,008415
TcCLB.503955.10	mitochondrial DNA polymerase beta-PAK, putative	0,2435	0,07076
TcCLB.507897.2	hypothetical protein, conserved	0,2432	0,09362
TcCLB.507811.107	hypothetical protein, conserved	0,2432	0,1292
TcCLB.503423.5	retrotransposon hot spot (RHS) protein, putative (fragment)	0,2429	0,5094
TcCLB.511621.240	hypothetical protein, conserved	0,2427	0,006643
TcCLB.511877.15	elongation factor 1-gamma (EF-1-gamma, pseudogene), putative	0,2427	0,1829
TcCLB.510243.50	adenylate kinase, putative	0,2426	0,02399
TcCLB.507143.10	hypothetical protein, conserved	0,2425	0,004167
TcCLB.504159.109	hypothetical protein, conserved	0,2424	0,1526
TcCLB.506637.110	hypothetical protein, conserved	0,2423	0,003563
TcCLB.509791.140	hypothetical protein, conserved	0,2423	0,07286
TcCLB.510963.80	hypothetical protein, conserved	0,2423	0,2234
TcCLB.508873.50	hypothetical protein	0,2423	0,6316

TcCLB.511817.230	hypothetical protein, conserved	0,2422	0,004965
TcCLB.511807.6	ATP-dependent DEAD/H RNA helicase (pseudogene), puta	0,2422	0,04117
TcCLB.503789.34	hypothetical protein, conserved	0,2421	0,0515
TcCLB.506389.70	translation-associated element 2, putative	0,2419	0,01299
TcCLB.508209.80	hypothetical protein, conserved	0,2419	0,04437
TcCLB.503521.80	hypothetical protein, conserved	0,2419	0,07945
TcCLB.508547.70	Present in the outer mitochondrial membrane proteome	0,2418	0,04832
TcCLB.508239.10	origin recognition complex subunit 1 (ORC1), putative	0,2418	0,05807
TcCLB.507603.130	hypothetical protein, conserved	0,2417	0,06676
TcCLB.506265.140	hypothetical protein, conserved	0,2416	0,07057
TcCLB.402863.9	dynein heavy chain, putative (fragment)	0,2415	0,01879
TcCLB.508255.20	hypothetical protein, conserved (pseudogene)	0,2415	0,1196
TcCLB.511507.10	hypothetical protein, conserved	0,2415	0,2362
TcCLB.506457.99	hypothetical protein, conserved	0,2414	0,01959
TcCLB.506123.50	hypothetical protein, conserved	0,2414	0,0887
TcCLB.504071.60	hypothetical protein, conserved	0,241	0,04638
TcCLB.506885.170	hypothetical protein, conserved	0,2409	0,07388
TcCLB.510431.190	hypothetical protein	0,2407	0,002201
TcCLB.506221.120	hypothetical protein, conserved	0,2407	0,1107
TcCLB.511651.19	delta-adaptin, putative	0,2407	0,2397
TcCLB.510741.220	hypothetical protein, conserved	0,2404	0,01796
TcCLB.509927.10	trans-sialidase, putative (fragment)	0,2403	0,1118
TcCLB.503945.30	hypothetical protein, conserved	0,2403	0,1284
TcCLB.506243.77	retrotransposon hot spot protein (RHS, pseudogene), puta	0,2403	0,3175
TcCLB.510089.200	hypothetical protein, conserved	0,2402	0,01243
TcCLB.506979.50	hypothetical protein, conserved	0,2402	0,0166
TcCLB.506925.450	hypothetical protein, conserved	0,2402	0,01836
TcCLB.509571.4	PAB1-binding protein , putative	0,2397	0,004278
TcCLB.503835.20	hypothetical protein, conserved	0,2397	0,07267
TcCLB.510149.60	hypothetical protein, conserved	0,2396	0,1043
TcCLB.509155.10	hypothetical protein, conserved	0,2395	0,002322
TcCLB.508879.60	hypothetical protein, conserved	0,2395	0,004633
TcCLB.503957.20	retrotransposon hot spot (RHS) protein, putative	0,2393	0,04968
TcCLB.511847.60	mitochondrial DNA polymerase I protein B, putative (POLI	0,2392	0,01021
TcCLB.509213.20	hypothetical protein, conserved	0,2392	0,07748
TcCLB.509509.69	hypothetical protein, conserved	0,2392	0,1086
TcCLB.510745.49	hypothetical protein, conserved (fragment)	0,2392	0,2324
TcCLB.505967.19	dispersed gene family protein 1 (DGF-1), putative (fragme	0,2389	0,3694
TcCLB.506349.53	retrotransposon hot spot protein (RHS, pseudogene), puta	0,2388	0,007022
TcCLB.508397.10	V-type proton ATPase subunit D, putative (VAd)	0,2382	0,03071
TcCLB.509353.50	hypothetical protein, conserved	0,2382	0,03902
TcCLB.511647.44	hypothetical protein, conserved	0,2381	0,1623
TcCLB.511367.20	hypothetical protein	0,2381	0,5884
TcCLB.511257.60	surface protease GP63, putative	0,2379	0,1023
TcCLB.466965.10	trans-sialidase (pseudogene), putative	0,2378	0,1184

TcCLB.508575.20	hypothetical protein	0,2378	0,5118
TcCLB.509807.11	hypothetical protein, conserved (pseudogene)	0,2377	0,1135
TcCLB.506227.170	hypothetical protein, conserved	0,2376	0,1809
TcCLB.510431.270	hypothetical protein, conserved	0,2374	0,02173
TcCLB.508487.11	retrotransposon hot spot protein (RHS, pseudogene), puta	0,2374	0,1279
TcCLB.503421.14	ATP-dependent DEAD/H RNA helicase (pseudogene), puta	0,2373	0,42
TcCLB.507519.160	hypothetical protein, conserved	0,2372	0,08451
TcCLB.511577.40	35 kDa cyclophilin, putative (CYP35)	0,2372	0,1537
TcCLB.509965.110	importin alpha, putative	0,2371	0,00652
TcCLB.508039.30	retrotransposon hot spot (RHS) protein, putative	0,2371	0,02031
TcCLB.511811.20	hypothetical protein, conserved	0,2371	0,06597
TcCLB.511577.86	N-acetyltransferase, putative	0,2369	0,02478
TcCLB.506579.40	hypothetical protein, conserved	0,2368	0,002171
TcCLB.510719.240	hypothetical protein, conserved	0,2368	0,1161
TcCLB.507643.90	beta galactofuranosyl glycosyltransferase (pseudogene), f	0,2367	0,05442
TcCLB.508739.70	protein kinase, putative	0,2365	0,0005153
TcCLB.509647.70	guanylate kinase, putative	0,2365	0,02163
TcCLB.506829.30	hypothetical protein, conserved	0,2365	0,1178
TcCLB.506335.55	elongation factor 1-gamma (EF-1-gamma, pseudogene), l	0,2365	0,3313
TcCLB.509611.120	hypothetical protein, conserved	0,2362	0,1062
TcCLB.508951.40	acyl-CoA dehydrogenase, putative	0,2362	0,1176
TcCLB.510963.10	DNA damage repair protein, putative	0,2361	0,01637
TcCLB.506871.130	hypothetical protein, conserved	0,236	0,03836
TcCLB.511737.60	hypothetical protein, conserved	0,2359	0,07486
TcCLB.505999.30	anti-silencing protein ASF 1, putative	0,2359	0,1676
TcCLB.503953.40	hypothetical protein, conserved	0,2359	0,1706
TcCLB.510821.50	replication Factor A 28 kDa subunit, putative	0,2358	0,01135
TcCLB.506401.310	hypothetical protein, conserved	0,2354	0,09394
TcCLB.510571.10	hypothetical protein, conserved	0,2351	0,1906
TcCLB.509289.20	tuzin, putative	0,235	0,0004691
TcCLB.504427.30	hypothetical protein, conserved	0,235	0,03051
TcCLB.508909.100	hypothetical protein, conserved	0,2348	0,02721
TcCLB.504741.40	hypothetical protein, conserved	0,2345	0,08857
TcCLB.510665.70	acyl transferase-like protein, putative	0,2345	0,2433
TcCLB.510735.9	hypothetical protein, conserved	0,2343	0,02124
TcCLB.510895.20	hypothetical protein, conserved	0,2342	0,05615
TcCLB.508501.300	hypothetical protein, conserved	0,2342	0,07369
TcCLB.509753.202	hypothetical protein	0,2342	0,6298
TcCLB.398235.20	ubiquitin fusion degradation protein, putative	0,234	0,4991
TcCLB.504097.20	hypothetical protein, conserved	0,2339	0,0721
TcCLB.511807.270	hypothetical protein, conserved	0,2338	0,0118
TcCLB.511751.50	protein kinase, putative	0,2338	0,03583
TcCLB.511725.210	hypothetical protein, conserved	0,2338	0,06894
TcCLB.504057.70	hypothetical protein, conserved	0,2338	0,07612
TcCLB.510099.131	hypothetical protein, conserved (fragment)	0,2337	0,02908

TcCLB.507883.60	hypothetical protein, conserved	0,2337	0,04458
TcCLB.508001.30	hypothetical protein, conserved (pseudogene)	0,2337	0,1403
TcCLB.506683.10	hypothetical protein, conserved (pseudogene)	0,2337	0,6319
TcCLB.510901.210	hypothetical protein, conserved	0,2336	0,01949
TcCLB.507615.80	hypothetical protein, conserved	0,2335	0,008079
TcCLB.511291.110	hypothetical protein, conserved	0,2335	0,04943
TcCLB.507497.20	retrotransposon hot spot protein (RHS, pseudogene), puta	0,2335	0,3238
TcCLB.508257.140	Aquaporin 2	0,2334	0,0222
TcCLB.508189.11	retrotransposon hot spot protein (RHS, pseudogene), puta	0,2333	0,4905
TcCLB.509831.33	hypothetical protein, conserved	0,2331	0,003808
TcCLB.509805.40	Multisite-specific tRNA:(cytosine-C(5))-methyltransferase	0,2331	0,03819
TcCLB.503597.5	hypothetical protein (fragment)	0,2331	0,08789
TcCLB.509671.172	hypothetical protein, conserved	0,2331	0,1717
TcCLB.509875.110	hypothetical protein	0,2331	0,5925
TcCLB.504151.69	hypothetical protein, conserved	0,2325	0,02848
TcCLB.506025.10	hypothetical protein, conserved	0,2325	0,0609
TcCLB.508271.4	hypothetical protein, conserved	0,2325	0,19
TcCLB.511467.70	hypothetical protein, conserved	0,2325	0,2518
TcCLB.509971.60	surface protease GP63, putative	0,2324	0,5265
TcCLB.511821.100	hypothetical protein, conserved	0,2323	0,02045
TcCLB.508539.71	elongation factor 1-gamma (EF-1-gamma, pseudogene),	0,2322	0,3665
TcCLB.506067.179	elongation factor 1-gamma (EF-1-gamma, pseudogene),	0,2322	0,636
TcCLB.511151.11	hypothetical protein (fragment)	0,2321	0,007557
TcCLB.508645.10	SNF2 family protein	0,2321	0,01644
TcCLB.507757.26	hypothetical protein	0,2321	0,5732
TcCLB.510055.50	hypothetical protein, conserved	0,232	0,01095
TcCLB.510005.20	trans-sialidase, Group II, putative	0,2318	0,1476
TcCLB.504149.190	hypothetical protein, conserved (pseudogene)	0,2317	0,004851
TcCLB.510039.80	hypothetical protein, conserved	0,2317	0,1136
TcCLB.508153.560	hypothetical protein, conserved	0,2317	0,1449
TcCLB.510089.190	hypothetical protein, conserved	0,2316	0,0431
TcCLB.422921.20	50S ribosomal protein L17, putative	0,2316	0,2596
TcCLB.510303.190	cell cycle associated protein MOB1, putative	0,2315	0,04227
TcCLB.507711.160	hypothetical protein, conserved	0,2314	0,003237
TcCLB.511647.40	hypothetical protein, conserved	0,2314	0,04387
TcCLB.506553.10	hypothetical protein, conserved	0,2314	0,19
TcCLB.505071.104	hypothetical protein, conserved	0,2313	0,2462
TcCLB.508479.5	glycine dehydrogenase (pseudogene), putative	0,2312	0,3817
TcCLB.508647.210	dynein arm light chain, putative	0,2309	0,003472
TcCLB.508479.170	hypothetical protein, conserved	0,2309	0,04241
TcCLB.509319.50	hypothetical protein, conserved	0,2305	0,002237
TcCLB.509979.10	hypothetical protein, conserved	0,2305	0,004139
TcCLB.505193.60	hypothetical protein, conserved	0,2305	0,09005
TcCLB.506195.140	hypothetical protein, conserved	0,2304	0,02721
TcCLB.509671.40	hypothetical protein, conserved	0,2303	0,09249

TcCLB.507547.59	hypothetical protein, conserved	0,2301	0,2256
TcCLB.505163.80	oligosaccharyl transferase subunit, putative	0,2298	0,0003353
TcCLB.511303.24	hypothetical protein, conserved	0,2298	0,07823
TcCLB.503785.30	hypothetical protein, conserved	0,2298	0,1741
TcCLB.443971.10	hypothetical protein, conserved (fragment)	0,2298	0,571
TcCLB.509029.70	leucine-rich repeat protein, putative	0,2297	0,1294
TcCLB.509715.140	hypothetical protein, conserved	0,2295	0,1402
TcCLB.507993.260	hypothetical protein, conserved	0,2294	0,04939
TcCLB.507711.330	serine peptidase, putative	0,2292	0,0453
TcCLB.508355.160	hypothetical protein, conserved	0,2289	0,01635
TcCLB.508027.90	hypothetical protein, conserved	0,2289	0,02426
TcCLB.504625.50	dual specificity protein phosphatase or MAP kinase phosphatase, putative	0,2289	0,05097
TcCLB.510967.20	hypothetical protein, conserved	0,2285	0,1319
TcCLB.509317.40	ribosomal protein L11, putative	0,2282	0,1401
TcCLB.510959.15	elongation factor 1-gamma (EF-1-gamma, pseudogene), putative	0,2281	0,6175
TcCLB.510149.30	hypothetical protein, conserved	0,228	0,0191
TcCLB.511647.42	hypothetical protein, conserved	0,228	0,2199
TcCLB.510421.300	hypothetical protein, conserved	0,2279	0,1349
TcCLB.506201.70	serine/threonine-protein phosphatase PP1 alpha	0,2279	0,2207
TcCLB.509875.165	trans-sialidase (pseudogene), putative	0,2279	0,2465
TcCLB.508279.10	trans-sialidase (pseudogene), putative	0,2279	0,2874
TcCLB.508741.240	hypothetical protein, conserved	0,2278	0,02647
TcCLB.507925.20	hypothetical protein, conserved	0,2278	0,03179
TcCLB.508461.240	chaperone protein DNAJ, putative	0,2278	0,05687
TcCLB.506579.129	hypothetical protein, conserved (fragment)	0,2277	0,1319
TcCLB.505023.10	trans-sialidase (pseudogene), putative	0,2277	0,248
TcCLB.503467.30	oligosaccharyl transferase subunit, putative	0,2276	0,03209
TcCLB.511135.30	hypothetical protein, conserved	0,2276	0,05733
TcCLB.508119.100	hypothetical protein, conserved	0,2275	0,02685
TcCLB.509055.69	hypothetical protein, conserved (fragment)	0,2275	0,278
TcCLB.508999.20	Protein transport protein yif1, putative	0,2271	0,1458
TcCLB.507045.10	retrotransposon hot spot protein (RHS, pseudogene), putative	0,2268	0,1179
TcCLB.508413.50	RNA-binding protein, putative	0,2267	0,01625
TcCLB.508397.30	SPFH domain / Band 7 family protein, putative	0,2265	0,06899
TcCLB.511283.160	hypothetical protein, conserved	0,2264	0,01317
TcCLB.511523.60	hypothetical protein, conserved	0,2263	0,01773
TcCLB.503823.169	kinetoplastid kinetochore protein 2, putative (fragment) (l)	0,2263	0,07068
TcCLB.507159.14	hypothetical protein, conserved	0,2262	0,2037
TcCLB.506975.97	hypothetical protein, conserved (fragment)	0,2262	0,4472
TcCLB.511417.94	hypothetical protein, conserved	0,2261	0,1542
TcCLB.504221.20	26S proteasome regulatory non-ATPase subunit, putative	0,2259	0,04854
TcCLB.511199.20	hypothetical protein, conserved	0,2259	0,05765
TcCLB.510121.130	serine/threonine protein kinase, putative	0,2259	0,2291
TcCLB.503805.30	hypothetical protein, conserved	0,2257	0,1148
TcCLB.508717.56	hypothetical protein, conserved	0,2255	0,07322

TcCLB.509575.10	retrotransposon hot spot (RHS) protein, putative	0,2255	0,08561
TcCLB.511825.190	hypothetical protein, conserved	0,2252	0,008988
TcCLB.507925.50	hypothetical protein, conserved	0,2251	0,007635
TcCLB.508169.120	hypothetical protein, conserved	0,2251	0,09032
TcCLB.508827.30	eukaryotic translation initiation factor, putative	0,225	0,007455
TcCLB.511589.40	hypothetical protein, conserved	0,225	0,1378
TcCLB.511533.19	dynein light intermediate chain, putative	0,225	0,1857
TcCLB.508409.9	26S proteasome regulatory non-ATPase subunit, putative	0,2249	0,04221
TcCLB.509231.30	hypothetical protein	0,2249	0,2068
TcCLB.503999.100	phospholipid-transporting ATPase 1-like protein, putative	0,2249	0,2372
TcCLB.510187.110	Mitochondrial ribosomal protein S18, putative (MRPS18)	0,2248	0,01794
TcCLB.509715.80	hypothetical protein, conserved	0,2248	0,02864
TcCLB.510667.30	hypothetical protein, conserved	0,2248	0,04614
TcCLB.510431.330	hypothetical protein, conserved	0,2248	0,1514
TcCLB.506529.640	hypothetical protein, conserved	0,2247	0,01155
TcCLB.510749.30	Sorting nexin-4 (ATG24)	0,2247	0,01634
TcCLB.511715.30	hypothetical protein, conserved	0,2247	0,2294
TcCLB.473619.9	dispersed gene family protein 1 (DGF-1), putative (fragment)	0,2247	0,6597
TcCLB.510187.410	hypothetical protein, conserved	0,2246	0,04017
TcCLB.509265.50	hypothetical protein, conserved (pseudogene)	0,2246	0,09816
TcCLB.509979.281	elongation factor 1-gamma (EF-1-gamma, pseudogene),	0,2244	0,2896
TcCLB.511109.60	hypothetical protein, conserved	0,2243	0,0128
TcCLB.510317.14	hypothetical protein, conserved	0,2243	0,08055
TcCLB.506941.270	DNA-J protein, putative	0,2241	0,06796
TcCLB.506469.139	hypothetical protein, conserved	0,2241	0,2683
TcCLB.511215.50	hypothetical protein, conserved	0,2239	0,0217
TcCLB.506885.320	hypothetical protein, conserved	0,2239	0,02632
TcCLB.510729.299	protein kinase, putative	0,2239	0,2089
TcCLB.507949.40	hypothetical protein, conserved	0,2238	0,02968
TcCLB.511517.110	hypothetical protein, conserved	0,2238	0,04249
TcCLB.507603.160	hypothetical protein, conserved	0,2237	0,1674
TcCLB.511653.10	delta-adaptin, putative	0,2235	0,01864
TcCLB.454403.30	retrotransposon hot spot protein (RHS, pseudogene), puta	0,2234	0,1272
TcCLB.506437.20	tuzin, putative	0,2231	0,002779
TcCLB.511859.50	hypothetical protein, conserved	0,2231	0,08019
TcCLB.503995.30	hypothetical protein	0,223	0,1612
TcCLB.506629.60	vesicular-fusion ATPase-like protein, putative	0,2229	0,06298
TcCLB.511693.110	hypothetical protein, conserved	0,2228	0,1706
TcCLB.506789.140	MORN repeat-containing protein	0,2227	0,1208
TcCLB.508727.18	centrin, putative	0,2227	0,1298
TcCLB.506065.10	retrotransposon hot spot protein (RHS, pseudogene), puta	0,2227	0,3758
TcCLB.510519.110	hypothetical protein	0,2225	0,1916
TcCLB.509875.200	copper homeostasis protein, putative	0,2223	0,05456
TcCLB.503617.20	kinetoplast DNA-associated protein, putative	0,2222	0,007431
TcCLB.510661.129	hypothetical protein, conserved	0,2222	0,06504

TcCLB.504041.4	RNA polymerase I	0,222	0,207
TcCLB.508851.70	hypothetical protein	0,2219	0,07566
TcCLB.506343.10	serine/threonine protein kinase, putative	0,2216	0,1601
TcCLB.508089.40	hypothetical protein, conserved	0,2213	0,1286
TcCLB.506577.90	retrotransposon hot spot protein (RHS, pseudogene), puta	0,2212	0,04961
TcCLB.508741.210	hypothetical protein	0,2211	0,004063
TcCLB.511585.130	ubiquitin activating enzyme, putative	0,221	0,04321
TcCLB.509571.10	hypothetical protein, conserved	0,221	0,1564
TcCLB.506303.90	hypothetical protein, conserved	0,2209	0,04589
TcCLB.511817.70	hypothetical protein, conserved	0,2208	0,1202
TcCLB.510767.50	hypothetical protein, conserved	0,2208	0,1286
TcCLB.506777.100	hypothetical protein, conserved	0,2208	0,1313
TcCLB.503893.170	hypothetical protein, conserved	0,2207	0,05153
TcCLB.506177.130	hypothetical protein, conserved	0,2207	0,2479
TcCLB.504033.180	hypothetical protein, conserved	0,2205	0,003311
TcCLB.503885.50	hypothetical protein, conserved	0,2205	0,07074
TcCLB.503395.30	hypothetical protein, conserved	0,2203	0,04871
TcCLB.506933.98	dual specificity protein phosphatase, putative	0,2203	0,0578
TcCLB.504123.50	hypothetical protein, conserved (pseudogene)	0,2202	0,01103
TcCLB.510579.90	hypothetical protein, conserved	0,2202	0,04267
TcCLB.506961.40	retrotransposon hot spot protein (RHS, pseudogene), puta	0,2201	0,02586
TcCLB.506435.40	hypothetical protein, conserved	0,2201	0,1891
TcCLB.509815.10	retrotransposon hot spot (RHS) protein, putative	0,22	0,178
TcCLB.511021.80	hypothetical protein, conserved	0,2199	0,03583
TcCLB.508645.20	hypothetical protein	0,2199	0,05069
TcCLB.511211.60	protein phosphatase 4 catalytic subunit, putative	0,2198	0,03589
TcCLB.509785.70	retrotransposon hot spot (RHS) protein, putative	0,2196	0,1265
TcCLB.503893.40	hypothetical protein, conserved	0,2195	0,09438
TcCLB.506321.270	hypothetical protein, conserved	0,2195	0,1554
TcCLB.510001.31	hypothetical protein, conserved	0,2195	0,1591
TcCLB.509023.140	hypothetical protein, conserved	0,2194	0,141
TcCLB.508973.90	Present in the outer mitochondrial membrane proteome	0,2193	0,0318
TcCLB.421321.9	exportin-T, putative (fragment)	0,2193	0,06858
TcCLB.509999.90	carnitine/choline acetyltransferase, putative	0,2192	0,009155
TcCLB.510329.240	hypothetical protein, conserved	0,2192	0,1268
TcCLB.509395.50	hypothetical protein, conserved	0,2191	0,01378
TcCLB.509951.49	DNA-directed RNA polymerase II subunit 2, putative	0,2191	0,06783
TcCLB.506679.200	hypothetical protein, conserved	0,2191	0,07044
TcCLB.511351.20	hypothetical protein, conserved	0,2191	0,08479
TcCLB.505999.120	hypothetical protein	0,2191	0,1185
TcCLB.510603.10	hypothetical protein, conserved	0,2191	0,2378
TcCLB.511809.110	hypothetical protein, conserved	0,2189	0,02535
TcCLB.507257.20	hypothetical protein, conserved	0,2189	0,05373
TcCLB.508533.10	hypothetical protein, conserved	0,2188	0,0832
TcCLB.509539.59	hypothetical protein, conserved	0,2188	0,2871



TcCLB.506367.10	isovaleryl-coA dehydrogenase, putative (fragment)	0,2184	0,2828
TcCLB.506859.49	hypothetical protein, conserved	0,2183	0,03131
TcCLB.509735.150	retrotransposon hot spot protein (RHS, pseudogene), puta	0,2182	0,02913
TcCLB.510689.89	hypothetical protein, conserved	0,2182	0,461
TcCLB.510359.20	paraflagellar rod component, putative	0,2182	0,4845
TcCLB.509103.20	tubulin-tyrosine ligase, putative	0,2181	0,08678
TcCLB.505941.30	hypothetical protein, conserved	0,218	0,0313
TcCLB.509711.20	retrotransposon hot spot protein (RHS, pseudogene), puta	0,218	0,5029
TcCLB.506885.180	hypothetical protein, conserved	0,2178	0,07921
TcCLB.420495.10	hypothetical protein, conserved (pseudogene)	0,2178	0,1661
TcCLB.506245.76	trans-sialidase (pseudogene), putative	0,2177	0,3925
TcCLB.507951.280	ABC transporter, putative	0,2176	0,03204
TcCLB.508409.280	hypothetical protein, conserved	0,2175	0,112
TcCLB.506625.220	hypothetical protein, conserved	0,2174	0,04883
TcCLB.507993.369	sjogren s syndrome nuclear autoantigen 1, putative	0,2172	0,1212
TcCLB.511353.4	choline/carnitine O-acyltransferase, putative	0,2171	0,08551
TcCLB.507089.140	hypothetical protein, conserved	0,217	0,04814
TcCLB.508961.20	hypothetical protein, conserved	0,217	0,141
TcCLB.511481.30	hypothetical protein, conserved	0,2168	0,1674
TcCLB.511487.19	trans-sialidase (pseudogene), putative	0,2166	0,0441
TcCLB.506577.40	hypothetical protein, conserved	0,2166	0,08612
TcCLB.511727.90	vacuolar proton-ATPase-like protein, putative	0,2164	0,006229
TcCLB.511507.90	hypothetical protein, conserved	0,2164	0,09515
TcCLB.509267.60	NADH-ubiquinone oxidoreductase complex I subunit, puta	0,2164	0,1294
TcCLB.509717.70	transportin2-like protein, putative	0,2163	0,0202
TcCLB.511287.124	peroxin 13, putative (PEX13)	0,2163	0,09279
TcCLB.506369.70	histone H1, putative	0,2162	0,001526
TcCLB.507801.60	hypothetical protein, conserved	0,2162	0,03732
TcCLB.508059.20	hypothetical protein, conserved	0,2162	0,1011
TcCLB.506885.10	alpha-1,2-mannosyltransferase, putative	0,2161	0,04332
TcCLB.507941.30	PrimPol-like protein 1, putative (ppl1)	0,216	0,08834
TcCLB.503939.84	hypothetical protein, conserved	0,216	0,171
TcCLB.511815.24	hypothetical protein, conserved	0,2159	0,03795
TcCLB.508779.50	hypothetical protein, conserved	0,2158	0,02985
TcCLB.504105.80	hypothetical protein, conserved	0,2157	0,01123
TcCLB.510297.90	hypothetical protein, conserved	0,2156	0,01179
TcCLB.511509.30	protein kinase, putative	0,2155	0,09429
TcCLB.509153.139	hypothetical protein, conserved	0,2154	0,04567
TcCLB.508527.39	retrotransposon hot spot (RHS) protein, putative, (fragme	0,2153	0,08
TcCLB.503515.14	ubiquitin-conjugating enzyme E2, putative	0,2153	0,1329
TcCLB.510341.10	hypothetical protein	0,2153	0,2885
TcCLB.510155.70	heat shock protein 70 (hsp70), putative	0,2152	0,01213
TcCLB.507209.10	small nuclear ribonucleoprotein protein, putative	0,2151	0,07849
TcCLB.508273.50	hypothetical protein, conserved	0,215	0,09286
TcCLB.508775.40	trans-sialidase (pseudogene), putative	0,2149	0,3278

TcCLB.506503.30	hypothetical protein, conserved	0,2147	0,03745
TcCLB.511143.19	hypothetical protein, conserved	0,2147	0,2336
TcCLB.504173.30	hypothetical protein, conserved	0,2147	0,3117
TcCLB.510055.80	hypothetical protein	0,2146	0,09106
TcCLB.507823.20	hypothetical protein	0,2146	0,09112
TcCLB.507787.100	gamma-glutamylcysteine synthetase, putative	0,2144	0,09772
TcCLB.511277.400	UDP-galactose transporter	0,2143	0,07388
TcCLB.509967.40	hypothetical protein, conserved	0,2142	0,06921
TcCLB.504229.44	hypothetical protein, conserved (pseudogene)	0,2142	0,1541
TcCLB.507093.75	B9 domain-containing protein 2 (b9d2)	0,214	0,1651
TcCLB.510285.40	hypothetical protein, conserved	0,2139	0,1893
TcCLB.506659.10	immunodominant antigen, putative	0,2138	0,01707
TcCLB.511211.170	heat shock protein 70 (hsp70), putative	0,2137	0,01188
TcCLB.506577.170	hypothetical protein, conserved	0,2137	0,0958
TcCLB.508741.360	hypothetical protein, conserved	0,2136	0,09429
TcCLB.507823.30	hypothetical protein, conserved	0,2135	0,06304
TcCLB.509017.30	vacuolar ATP synthase subunit d	0,2135	0,07223
TcCLB.506219.30	exosome component CSL4, putative (CSL4)	0,2135	0,1069
TcCLB.503899.50	RNA-editing complex protein MP100, putative	0,2134	0,01698
TcCLB.506941.238	hypothetical protein, conserved	0,2134	0,09969
TcCLB.511383.60	hypothetical protein, conserved	0,2134	0,1808
TcCLB.508013.60	hypothetical protein	0,2134	0,5855
TcCLB.506247.350	hypothetical protein, conserved	0,2133	0,08046
TcCLB.506247.280	hypothetical protein, conserved	0,2133	0,08342
TcCLB.507531.19	phosphatidylinositol 4-kinase alpha, putative	0,2131	0,04403
TcCLB.511839.25	elongation factor 1-gamma (EF-1-gamma, pseudogene),	0,2131	0,6064
TcCLB.506175.20	hypothetical protein, conserved	0,213	0,02106
TcCLB.509233.200	hypothetical protein, conserved	0,213	0,02724
TcCLB.506919.70	hypothetical protein, conserved (pseudogene)	0,213	0,4339
TcCLB.507011.90	hypothetical protein, conserved	0,2129	0,03156
TcCLB.506605.160	histone acetyltransferase, putative	0,2129	0,06441
TcCLB.504057.150	hypothetical protein, conserved	0,2127	0,09632
TcCLB.507277.20	hypothetical protein, conserved	0,2127	0,2856
TcCLB.503453.20	hypothetical protein, conserved	0,2125	0,02307
TcCLB.507013.20	hypothetical protein, conserved	0,2125	0,1054
TcCLB.510879.170	hypothetical protein, conserved	0,2125	0,1607
TcCLB.504491.10	hypothetical protein	0,2125	0,3417
TcCLB.508153.1000	hypothetical protein, conserved	0,2124	0,1349
TcCLB.506989.80	hypothetical protein, conserved	0,2124	0,1692
TcCLB.508851.110	hypothetical protein, conserved	0,2123	0,279
TcCLB.510759.134	chaperone DNAJ protein, putative	0,2121	0,06552
TcCLB.509777.64	ADG1-like protein, putative	0,2121	0,1554
TcCLB.511589.160	replication factor C, subunit 4, putative	0,2119	0,07426
TcCLB.504115.90	retrotransposon hot spot protein (RHS, pseudogene), puta	0,2119	0,1659
TcCLB.510279.70	hypothetical protein	0,2119	0,5914

TcCLB.506871.110	hypothetical protein, conserved	0,2117	0,04888
TcCLB.506563.50	calpain-like cysteine peptidase (pseudogene), putative	0,2117	0,07228
TcCLB.509911.10	hypothetical protein, conserved	0,2115	0,02209
TcCLB.507795.100	mitochondrial ribosomal protein L3, putative	0,2115	0,03419
TcCLB.511423.130	hypothetical protein, conserved (pseudogene)	0,2115	0,1154
TcCLB.511599.61	hypothetical protein, conserved (pseudogene)	0,2115	0,2366
TcCLB.511859.80	hypothetical protein	0,2112	0,1149
TcCLB.510445.20	chromosomal passenger protein, putative (CPC1)	0,2111	0,08677
TcCLB.504029.80	serine/threonine protein phosphatase, putative	0,211	0,06873
TcCLB.509979.140	hypothetical protein, conserved	0,2109	0,08101
TcCLB.506693.40	hypothetical protein, conserved	0,2108	0,2889
TcCLB.510899.50	palmitoyl acyltransferase 4, putative	0,2107	0,07192
TcCLB.510033.22	surface protease GP63 (pseudogene), putative	0,2102	0,1305
TcCLB.507093.30	hypothetical protein, conserved	0,2101	0,04555
TcCLB.511043.30	DnaJ chaperone protein, putative (TcJ6)	0,21	0,0427
TcCLB.505037.20	ribosomal RNA processing protein 41B, putative (RRP41B)	0,21	0,0573
TcCLB.503643.39	hypothetical protein, conserved	0,2099	0,1856
TcCLB.506469.20	hypothetical protein	0,2097	0,05132
TcCLB.509097.36	surface protease GP63 (pseudogene), putative	0,2097	0,7519
TcCLB.504935.20	hypothetical protein, conserved	0,2096	0,1064
TcCLB.509997.40	hypothetical protein, conserved	0,2096	0,1182
TcCLB.509499.38	hypothetical protein, conserved	0,2095	0,05245
TcCLB.506201.20	60S ribosomal protein L13a, putative	0,2094	0,01796
TcCLB.508411.60	hypothetical protein, conserved	0,2094	0,09209
TcCLB.509471.40	hypothetical protein, conserved	0,2094	0,1028
TcCLB.509179.50	hypothetical protein	0,2094	0,1333
TcCLB.504741.110	hypothetical protein, conserved	0,2094	0,219
TcCLB.509109.180	hypothetical protein, conserved	0,2093	0,09404
TcCLB.508479.90	hypothetical protein, conserved (pseudogene)	0,2091	0,07103
TcCLB.410049.20	hypothetical protein, conserved	0,2091	0,2773
TcCLB.508247.60	hypothetical protein, conserved (pseudogene)	0,2091	0,4859
TcCLB.509259.129	hypothetical protein, conserved (pseudogene)	0,209	0,3406
TcCLB.510689.10	coatamer alpha subunit (pseudogene), putative	0,2088	0,0157
TcCLB.470687.9	hypothetical protein, conserved	0,2088	0,1861
TcCLB.511675.6	hypothetical protein, conserved (pseudogene)	0,2087	0,6456
TcCLB.508799.170	3-methylcrotonoyl-CoA carboxylase beta subunit, putative	0,2086	0,01485
TcCLB.509733.110	hypothetical protein, conserved	0,2086	0,02037
TcCLB.509287.250	retrotransposon hot spot protein (RHS, pseudogene), puta	0,2086	0,1091
TcCLB.510689.70	hypothetical protein, conserved	0,2086	0,2842
TcCLB.507317.50	hypothetical protein, conserved	0,2084	0,05458
TcCLB.506621.70	hypothetical protein, conserved	0,2084	0,09739
TcCLB.506337.70	2-oxoglutarate dehydrogenase E1 component, putative	0,2083	0,003312
TcCLB.506517.50	hypothetical protein, conserved	0,2083	0,08674
TcCLB.508547.140	hypothetical protein, conserved	0,2081	0,0954
TcCLB.511303.20	hypothetical protein	0,208	0,08252

TcCLB.508869.10	hypothetical protein	0,208	0,5919
TcCLB.506625.100	hypothetical protein, conserved	0,2079	0,02534
TcCLB.511391.100	hypothetical protein, conserved	0,2079	0,1542
TcCLB.509211.20	hypothetical protein, conserved	0,2078	0,008841
TcCLB.506289.60	hypothetical protein, conserved	0,2078	0,1565
TcCLB.509871.39	hypothetical protein, conserved (pseudogene)	0,2076	0,04222
TcCLB.503409.20	hypothetical protein, conserved	0,2075	0,1443
TcCLB.510145.10	hypothetical protein, conserved	0,2075	0,1999
TcCLB.511717.170	Metalloprotease M41 FtsH, putative	0,2074	0,05602
TcCLB.511153.100	RNA-binding protein, putative	0,2074	0,06159
TcCLB.508323.80	aquaporin, putative	0,2073	0,1749
TcCLB.511727.100	hypothetical protein, conserved	0,2072	0,0433
TcCLB.511211.160	heat shock protein 70 (hsp70), putative	0,2068	0,01562
TcCLB.510943.184	tyrosine phosphatase, putative	0,2068	0,09686
TcCLB.503955.60	hypothetical protein, conserved	0,2067	0,1087
TcCLB.507765.20	PUF nine target 1	0,2065	0,02798
TcCLB.504081.250	90 kDa surface protein, putative	0,2065	0,4635
TcCLB.506181.97	hypothetical protein, conserved	0,2064	0,1735
TcCLB.509735.120	retrotransposon hot spot (RHS) protein, putative	0,2063	0,03459
TcCLB.508645.30	dynein light chain, putative	0,2059	0,08708
TcCLB.511577.4	CLC-type chloride channel, putative (fragment)	0,2059	0,3832
TcCLB.504217.19	mitochondrial carrier protein, putative	0,2057	0,1343
TcCLB.503839.10	hypothetical protein, conserved	0,2056	0,08255
TcCLB.504259.19	hypothetical protein, conserved	0,2056	0,1088
TcCLB.507275.10	protein kinase, putative	0,2056	0,1864
TcCLB.506351.20	hypothetical protein, conserved	0,2056	0,2527
TcCLB.507875.130	trans-sialidase (pseudogene), putative	0,2056	0,3728
TcCLB.506999.130	hypothetical protein, conserved	0,2053	0,02567
TcCLB.399373.9	retrotransposon hot spot (RHS) protein, putative (fragmer	0,2053	0,05745
TcCLB.508199.90	hypothetical protein, conserved	0,2051	0,1221
TcCLB.510523.10	hypothetical protein, conserved (pseudogene)	0,205	0,1044
TcCLB.509005.40	hypothetical protein, conserved	0,2048	0,05693
TcCLB.511923.110	aspartate carbamoyltransferase, putative	0,2048	0,08532
TcCLB.503779.30	hypothetical protein, conserved	0,2048	0,1835
TcCLB.510401.10	dispersed gene family protein 1 (DGF-1), putative	0,2047	0,7407
TcCLB.511621.190	dual specificity protein phosphatase, putative	0,2046	0,1885
TcCLB.507831.50	hypothetical protein, conserved	0,2045	0,01487
TcCLB.510659.28	hypothetical protein, conserved	0,2045	0,1343
TcCLB.504115.100	dispersed gene family protein 1 (DGF-1), putative	0,2044	0,2193
TcCLB.510729.240	hypothetical protein, conserved	0,2043	0,1309
TcCLB.511277.330	uracil-DNA glycosylase	0,2042	0,0383
TcCLB.511837.50	DNA repair protein, putative	0,2042	0,1102
TcCLB.511275.20	hypothetical protein, conserved	0,2041	0,05764
TcCLB.510283.130	hypothetical protein, conserved	0,2041	0,1657
TcCLB.508113.7	trans-sialidase (pseudogene), putative	0,2041	0,2736

TcCLB.508815.30	DNA repair protein, putative	0,204	0,02561
TcCLB.506203.50	DnaJ chaperone protein, putative	0,2039	0,0788
TcCLB.511519.9	small glutamine-rich tetratricopeptide repeat protein, put	0,2039	0,1552
TcCLB.506181.30	hypothetical protein, conserved	0,2039	0,2771
TcCLB.509199.40	hypothetical protein, conserved	0,2037	0,1715
TcCLB.507049.63	hypothetical protein, conserved	0,2037	0,3138
TcCLB.508045.10	hypothetical protein, conserved	0,2036	0,04221
TcCLB.511903.250	hypothetical protein, conserved	0,2036	0,1263
TcCLB.483009.9	exonuclease, putative	0,2035	0,08731
TcCLB.511911.98	hypothetical protein, conserved	0,2035	0,09664
TcCLB.506471.90	dispersed gene family protein 1 (DGF-1, pseudogene), put	0,2033	0,2195
TcCLB.509121.20	dispersed gene family protein 1 (DGF-1, pseudogene), put	0,2032	0,167
TcCLB.505365.80	retrotransposon hot spot protein (RHS, pseudogene), puta	0,2032	0,2973
TcCLB.510155.140	Meckel syndrome type 6 protein, putative (mks6)	0,2031	0,01134
TcCLB.511307.6	hypothetical protein, conserved	0,2031	0,1774
TcCLB.503847.90	ABC1 protein, putative	0,203	0,06247
TcCLB.509287.50	glucose-6-phosphate 1-dehydrogenase, putative	0,2029	0,0613
TcCLB.509171.29	RNA pseudouridylate synthase, putative	0,2029	0,06342
TcCLB.511515.9	E3 ubiquitin-protein ligase, putative (fragment)	0,2029	0,1687
TcCLB.509967.160	epsilon tubulin, putative	0,2027	0,06459
TcCLB.507933.20	hypothetical protein, conserved	0,2026	0,162
TcCLB.511587.33	hypothetical protein	0,2026	0,3504
TcCLB.511237.20	hypothetical protein, conserved	0,2025	0,08448
TcCLB.511727.150	hypothetical protein, conserved	0,2023	0,02165
TcCLB.503667.31	retrotransposon hot spot protein (RHS, pseudogene), puta	0,2023	0,4575
TcCLB.510841.30	hypothetical protein	0,2022	0,4001
TcCLB.508379.29	hypothetical protein, conserved	0,2021	0,3247
TcCLB.506481.10	tRNA pseudouridine synthase A-like protein (pseudogene)	0,202	0,1401
TcCLB.506513.90	hypothetical protein, conserved	0,202	0,1483
TcCLB.508633.100	retrotransposon hot spot (RHS) protein, putative	0,202	0,1489
TcCLB.506339.81	elongation factor 1-gamma (EF-1-gamma, pseudogene),	0,2019	0,5118
TcCLB.508857.120	hypothetical protein, conserved	0,2017	0,1304
TcCLB.506435.290	hypothetical protein, conserved	0,2017	0,1823
TcCLB.508777.190	hypothetical protein, conserved	0,2017	0,2096
TcCLB.506625.249	RNA pseudouridylate synthase protein, putative	0,2016	0,05456
TcCLB.504185.20	hypothetical protein, conserved	0,2015	0,1004
TcCLB.509419.245	hypothetical protein, conserved (pseudogene)	0,2015	0,3814
TcCLB.507849.40	hypothetical protein, conserved	0,2014	0,0196
TcCLB.509119.30	hypothetical protein, conserved	0,2014	0,08423
TcCLB.511577.160	hypothetical protein, conserved	0,2013	0,1173
TcCLB.504137.120	hypothetical protein, conserved	0,2012	0,1125
TcCLB.511903.180	hypothetical protein, conserved	0,2012	0,131
TcCLB.511217.20	Present in the outer mitochondrial membrane proteome 4	0,2011	0,09159
TcCLB.506401.350	hypothetical protein, conserved	0,2011	0,1106
TcCLB.503829.10	hypothetical protein, conserved	0,2008	0,1343

TcCLB.505009.20	divalent cation tolerance protein, putative	0,2008	0,5002
TcCLB.510669.9	hypothetical protein, conserved	0,2007	0,1686
TcCLB.508777.180	prefoldin subunit 2, putative	0,2006	0,09622
TcCLB.511747.14	hypothetical protein, conserved	0,2006	0,1989
TcCLB.479883.10	hypothetical protein, conserved	0,2004	0,165
TcCLB.506355.10	glucose transporter	0,2003	0,2117
TcCLB.507007.20	hypothetical protein, conserved	0,2002	0,05033
TcCLB.508501.310	hypothetical protein, conserved	0,2002	0,1162
TcCLB.508023.20	trans-sialidase (pseudogene), putative	0,2001	0,3397
TcCLB.504057.145	cytochrome b5-like Heme/Steroid binding domain contain	0,2	0,1094
TcCLB.509607.10	ubiquitin-conjugating enzyme E2, putative	0,1999	0,0729
TcCLB.508457.40	hypothetical protein	0,1999	0,1786
TcCLB.509105.130	ATP-binding cassette sub-family F member 1, putative (Al	0,1997	0,01386
TcCLB.509579.40	hypothetical protein, conserved (pseudogene)	0,1997	0,2628
TcCLB.508879.170	mitochondrial RNA binding complex 1 subunit, putative	0,1996	0,05944
TcCLB.506147.110	hypothetical protein, conserved	0,1996	0,1057
TcCLB.508601.20	hypothetical protein, conserved	0,1996	0,1087
TcCLB.507993.270	hypothetical protein, conserved	0,1996	0,1159
TcCLB.506789.260	hypothetical protein, conserved	0,1996	0,2651
TcCLB.442495.19	KU70 protein, putative (fragment)	0,1994	0,3038
TcCLB.506181.80	hypothetical protein, conserved	0,1993	0,2294
TcCLB.510661.200	hypothetical protein, conserved	0,1991	0,08834
TcCLB.506859.110	3'a2rel-related protein, putative	0,1991	0,2837
TcCLB.511365.94	anaphase promoting complex, subunit 10-like protein	0,1989	0,1672
TcCLB.506171.60	trans-sialidase, Group II, putative	0,1989	0,5035
TcCLB.506531.30	hypothetical protein, conserved	0,1985	0,1233
TcCLB.510517.80	hypothetical protein, conserved	0,1985	0,2973
TcCLB.509551.95	anaphase promoting complex subunit protein, putative	0,1985	0,4312
TcCLB.511545.170	hypothetical protein, conserved	0,1984	0,1582
TcCLB.511797.130	mucin TcMUCII (pseudogene), putative	0,1982	0,3675
TcCLB.508873.260	hypothetical protein	0,1982	0,6844
TcCLB.503513.10	casein kinase II, alpha chain, putative	0,1981	0,1248
TcCLB.508521.112	beta galactofuranosyl glycosyltransferase (pseudogene), f	0,1979	0,4449
TcCLB.508385.10	hypothetical protein, conserved	0,1978	0,03772
TcCLB.509153.60	lipin, putative	0,1977	0,02294
TcCLB.510329.80	hypothetical protein, conserved	0,1975	0,03131
TcCLB.511693.100	long-chain-fatty-acid-CoA ligase, putative	0,1974	0,02156
TcCLB.506839.20	hypothetical protein	0,1974	0,04198
TcCLB.508355.270	hypothetical protein	0,1974	0,08375
TcCLB.506685.50	myosin heavy chain, putative (fragment)	0,1974	0,1912
TcCLB.510579.40	hypothetical protein, conserved	0,1972	0,1614
TcCLB.511771.156	retrotransposon hot spot protein (RHS, pseudogene), puta	0,1972	0,1655
TcCLB.511281.56	sjogren s syndrome nuclear autoantigen 1, putative	0,1969	0,2035
TcCLB.510719.170	hypothetical protein, conserved	0,1969	0,2088
TcCLB.509641.30	Ubiquitin-like modifier-activating enzyme ATG7, putative	0,1967	0,06483

TcCLB.509607.60	hypothetical protein	0,1966	0,04916
TcCLB.507257.170	hypothetical protein, conserved	0,1966	0,1378
TcCLB.511801.10	hypothetical protein, conserved	0,1965	0,02568
TcCLB.509099.70	endo/exonuclease Mre11, putative	0,1964	0,03244
TcCLB.507681.50	hypothetical protein, conserved	0,1963	0,03037
TcCLB.508647.170	DNA polymerase theta (polymerase domain only), putativ	0,1962	0,06272
TcCLB.509693.100	2-aminoethylphosphonate:pyruvateaminotransferase- like	0,1961	0,1462
TcCLB.506543.50	hypothetical protein, conserved	0,1959	0,5186
TcCLB.506247.240	hypothetical protein, conserved	0,1958	0,1161
TcCLB.507715.20	hypothetical protein, conserved	0,1956	0,08729
TcCLB.506201.150	hypothetical protein, conserved	0,1952	0,3456
TcCLB.504103.80	hypothetical protein, conserved	0,1951	0,09913
TcCLB.507853.20	dynein beta chain, flagellar outer arm (pseudogene), puta	0,1951	0,2058
TcCLB.506637.120	hypothetical protein, conserved	0,195	0,04317
TcCLB.510575.120	hypothetical protein, conserved	0,195	0,1866
TcCLB.506367.174	hypothetical protein, conserved	0,195	0,2803
TcCLB.506713.40	N-acetyltransferase complex ARD1 subunit, putative	0,1949	0,295
TcCLB.510315.40	Putative intraflagellar transport protein C3 (fragment) (PII	0,1948	0,07074
TcCLB.509507.10	hypothetical protein, conserved	0,1943	0,04253
TcCLB.506587.30	hypothetical protein, conserved	0,1943	0,06463
TcCLB.508933.10	dihydrolipoamide dehydrogenase, putative	0,1942	0,1118
TcCLB.505807.120	lysyl-tRNA synthetase, putative	0,1942	0,146
TcCLB.503537.9	retrotransposon hot spot protein (RHS, pseudogene), puta	0,1939	0,05267
TcCLB.508641.190	hypothetical protein, conserved	0,1938	0,2281
TcCLB.504173.40	hypothetical protein	0,1937	0,2529
TcCLB.504579.20	trans-sialidase (pseudogene), putative	0,1936	0,1075
TcCLB.511903.260	hypothetical protein, conserved	0,1933	0,1432
TcCLB.511585.60	hypothetical protein, conserved	0,1932	0,1525
TcCLB.511217.140	coatmer delta subunit, putative	0,193	0,0191
TcCLB.506201.84	hypothetical protein, conserved	0,193	0,217
TcCLB.503459.20	hypothetical protein, conserved	0,1928	0,1116
TcCLB.508169.129	Mutt-Nudix-related hydrolase 5, putative (Nudix5)	0,1928	0,2274
TcCLB.507775.50	proteasome alpha 7 subunit, putative	0,1927	0,1249
TcCLB.508645.59	dynein light chain, putative	0,1926	0,06485
TcCLB.508909.70	hypothetical protein, conserved	0,1926	0,2467
TcCLB.511543.30	amino acid transporter, putative	0,1925	0,3927
TcCLB.508241.120	rrp44p homologue, putative	0,1922	0,009627
TcCLB.508873.410	hypothetical protein, conserved	0,1921	0,3245
TcCLB.509023.130	DNA replication licensing factor MCM4, putative (MCM4)	0,1918	0,08219
TcCLB.509499.29	hypothetical protein, conserved	0,1918	0,2497
TcCLB.510099.20	hypothetical protein, conserved	0,1917	0,1118
TcCLB.510181.110	hypothetical protein, conserved	0,1917	0,1394
TcCLB.511807.110	GMP synthase [glutamine-hydrolysing] (Gmps)	0,1916	0,0143
TcCLB.511507.30	cyclosome subunit, putative	0,1916	0,05877
TcCLB.508873.425	elongation factor 1-gamma (EF-1-gamma, pseudogene),	0,1915	0,1934

TcCLB.511577.10	hypothetical protein, conserved	0,1913	0,3486
TcCLB.506241.40	hypothetical protein, conserved	0,1912	0,107
TcCLB.508461.110	hypothetical protein, conserved	0,1911	0,1033
TcCLB.506323.40	trans-sialidase (pseudogene), putative	0,1911	0,1554
TcCLB.511371.10	retrotransposon hot spot (RHS) protein, putative	0,1909	0,1227
TcCLB.507881.20	retrotransposon hot spot (RHS) protein, putative	0,1908	0,05074
TcCLB.508693.160	hypothetical protein, conserved	0,1908	0,08811
TcCLB.509775.49	ribosomal protein L2, putative	0,1907	0,384
TcCLB.510731.130	hypothetical protein, conserved	0,1906	0,4282
TcCLB.508599.10	hypothetical protein, conserved (pseudogene)	0,1906	0,6517
TcCLB.504137.20	hypothetical protein, conserved	0,1905	0,07642
TcCLB.503833.69	ribosome biogenesis protein, putative (fragment)	0,1905	0,1935
TcCLB.511585.150	Meckel syndrome type 6 protein, putative (mks6)	0,1904	0,04089
TcCLB.510121.60	hypothetical protein, conserved	0,1904	0,1384
TcCLB.511127.340	tyrosine phosphatase, putative	0,1903	0,06664
TcCLB.503499.10	hypothetical protein, conserved	0,1902	0,05148
TcCLB.509601.40	hypothetical protein, conserved	0,1902	0,06568
TcCLB.503935.10	dolichyl-lipid chaperone, putative (rft1)	0,1902	0,1379
TcCLB.449247.20	hypothetical protein, conserved	0,1902	0,3098
TcCLB.511621.140	hypothetical protein, conserved	0,1901	0,1353
TcCLB.506227.80	mitochondrial DNA polymerase I protein B, putative (POLI	0,19	0,03167
TcCLB.509085.120	retrotransposon hot spot (RHS) protein, putative	0,19	0,2393
TcCLB.509265.36	ATP-dependent DEAD/H RNA helicase (pseudogene), puta	0,1899	0,5082
TcCLB.510933.180	syntaxin binding protein (pseudogene), putative	0,1899	0,6224
TcCLB.507047.120	myo-inositol-1(or 4)-monophosphatase 1, putative	0,1898	0,1819
TcCLB.507941.50	hypothetical protein, conserved	0,1897	0,07114
TcCLB.509429.100	PITH domain-containing protein	0,1896	0,1244
TcCLB.507875.50	hypothetical protein	0,1896	0,3683
TcCLB.503431.90	hypothetical protein, conserved	0,1895	0,1269
TcCLB.508951.50	calmodulin, putative	0,1895	0,3139
TcCLB.424771.10	retrotransposon hot spot (RHS) protein, putative	0,1894	0,4826
TcCLB.510729.230	hypothetical protein, conserved	0,1893	0,05828
TcCLB.506989.160	PTS2 receptor, putative (PEX7)	0,1893	0,08808
TcCLB.510657.160	Double RNA binding domain protein 9 (DRBD9)	0,1891	0,1642
TcCLB.503703.70	Mitochondrial SSU ribosomal protein, putative	0,189	0,04757
TcCLB.511353.50	hypothetical protein, conserved	0,189	0,2097
TcCLB.506557.24	hypothetical protein, conserved	0,189	0,2938
TcCLB.506825.90	hypothetical protein, conserved	0,1888	0,03444
TcCLB.507851.70	hypothetical protein	0,1888	0,09223
TcCLB.503903.10	hypothetical protein	0,1888	0,2234
TcCLB.510317.30	polynucleotide adenylyltransferase, putative (PAP)	0,1888	0,2801
TcCLB.511881.20	serine/threonine-protein phosphatase	0,1887	0,1306
TcCLB.503703.50	copper-transporting ATPase-like protein, putative	0,1886	0,03653
TcCLB.510359.10	hypothetical protein, conserved	0,1886	0,3111
TcCLB.504045.114	hypothetical protein, conserved	0,1886	0,3169



TcCLB.511677.10	dispersed gene family protein 1 (DGF-1), putative	0,1884	0,2192
TcCLB.510575.20	hypothetical protein, conserved	0,1884	0,2464
TcCLB.511153.120	pantothenate kinase subunit, putative	0,1883	0,09855
TcCLB.509395.70	hypothetical protein, conserved	0,1883	0,1246
TcCLB.504797.50	hypothetical protein, conserved	0,1882	0,08528
TcCLB.507979.40	hypothetical protein, conserved	0,1882	0,3728
TcCLB.511511.80	tubulin-tyrosine ligase-like protein, putative	0,1881	0,1023
TcCLB.425597.10	trans-sialidase (pseudogene), putative	0,1881	0,5398
TcCLB.503903.20	hypothetical protein, conserved	0,188	0,1772
TcCLB.507257.90	hypothetical protein, conserved	0,1879	0,1875
TcCLB.510153.5	hypothetical protein, conserved	0,1876	0,4766
TcCLB.511495.20	hypothetical protein, conserved	0,1875	0,1302
TcCLB.508273.130	hypothetical protein	0,1875	0,5484
TcCLB.503515.20	Kinetoplastid RNA editing protein 1, putative (KREPA1)	0,1874	0,04022
TcCLB.450019.9	dispersed gene family protein 1 (DGF-1), putative (fragm	0,1874	0,2759
TcCLB.507519.180	hypothetical protein, conserved	0,1873	0,1399
TcCLB.508675.20	DNA excision repair protein, putative	0,1871	0,04914
TcCLB.507005.30	hypothetical protein, conserved	0,187	0,1158
TcCLB.507509.89	cleavage and polyadenylation specificity factor-like protein	0,1869	0,07521
TcCLB.508029.20	ubiquitin-protein ligase, putative	0,1869	0,2054
TcCLB.508641.330	pre-mRNA splicing factor, putative	0,1868	0,33
TcCLB.509211.30	serine/threonine protein phosphatase, putative	0,1866	0,1924
TcCLB.506349.10	protein kinase, putative	0,1866	0,6153
TcCLB.510353.10	major vault protein, putative	0,1865	0,01959
TcCLB.510657.140	hypothetical protein, conserved	0,1865	0,1508
TcCLB.511445.100	hypothetical protein, conserved	0,1863	0,07068
TcCLB.510181.30	ATP-dependent DEAD/H RNA helicase, putative	0,1863	0,1404
TcCLB.506693.10	hypothetical protein	0,1863	0,1696
TcCLB.509965.300	hypothetical protein, conserved	0,1862	0,3138
TcCLB.503487.20	hypothetical protein	0,1861	0,08807
TcCLB.507467.30	hypothetical protein, conserved	0,1861	0,269
TcCLB.506755.20	paraflagellar rod component, putative	0,1858	0,1076
TcCLB.510719.200	telomerase reverse transcriptase, putative (TERT)	0,1857	0,1308
TcCLB.503667.20	hypothetical protein	0,1857	0,5965
TcCLB.510645.49	ribosomal protein L3 mitochondrial, putative	0,1856	0,2847
TcCLB.503485.20	hypothetical protein, conserved (pseudogene)	0,1855	0,2955
TcCLB.509207.100	hypothetical protein, conserved	0,1853	0,09908
TcCLB.506887.110	hypothetical protein, conserved (pseudogene)	0,1853	0,2197
TcCLB.511439.60	hypothetical protein, conserved	0,1853	0,2263
TcCLB.510769.120	calcium motive p-type ATPase, putative	0,1852	0,04428
TcCLB.510613.10	hypothetical protein, conserved	0,1852	0,157
TcCLB.510735.40	hypothetical protein, conserved	0,1851	0,06486
TcCLB.507047.134	hypothetical protein, conserved	0,185	0,4373
TcCLB.511817.310	hypothetical protein, conserved	0,1849	0,02954
TcCLB.408437.10	hypothetical protein, conserved	0,1849	0,09701

TcCLB.511821.140	hypothetical protein, conserved	0,1849	0,1263
TcCLB.507851.20	hypothetical protein, conserved	0,1849	0,151
TcCLB.504105.210	Translation factor GUF1, mitochondrial, putative (GUF1)	0,1846	0,05063
TcCLB.510359.420	mucin-associated surface protein (MASP, pseudogene), p	0,1845	0,3223
TcCLB.510461.25	elongation factor 1-gamma (EF-1-gamma, pseudogene),	0,1845	0,7002
TcCLB.508153.980	hypothetical protein, conserved	0,1843	0,0385
TcCLB.509331.134	trypanothione synthetase, putative	0,1843	0,2278
TcCLB.507007.60	hypothetical protein, conserved	0,1843	0,2295
TcCLB.509937.30	phosphatidylserine synthase, putative	0,1842	0,1758
TcCLB.511245.70	hypothetical protein, conserved	0,184	0,09723
TcCLB.506629.10	intraflagellar transport protein 88, putative (fragment) (IF	0,1839	0,2284
TcCLB.505183.140	protein kinase, putative	0,1838	0,07153
TcCLB.506529.260	chaperone DNAJ protein, putative	0,1838	0,08288
TcCLB.508827.120	hypothetical protein, conserved	0,1838	0,1652
TcCLB.510101.340	hypothetical protein, conserved	0,1837	0,01635
TcCLB.511733.100	hypothetical protein, conserved	0,1836	0,09069
TcCLB.508641.80	hypothetical protein, conserved	0,1836	0,1586
TcCLB.510429.24	hypothetical protein, conserved	0,1836	0,3279
TcCLB.509207.110	hypothetical protein, conserved	0,1835	0,1858
TcCLB.508543.170	hypothetical protein, conserved	0,1834	0,04831
TcCLB.509573.30	flagellar protofilament ribbon protein, putative	0,1833	0,05022
TcCLB.508827.20	hypothetical protein, conserved	0,1833	0,1893
TcCLB.510663.10	hypothetical protein, conserved	0,183	0,3238
TcCLB.506337.120	hypothetical protein, conserved	0,1829	0,2418
TcCLB.509151.120	hypothetical protein, conserved	0,1826	0,1311
TcCLB.506931.40	hypothetical protein, conserved	0,1825	0,08019
TcCLB.508541.210	hypothetical protein, conserved	0,1825	0,09567
TcCLB.511575.100	protein transport protein SEC23, putative	0,1824	0,03392
TcCLB.453445.10	hypothetical protein, conserved	0,1824	0,04718
TcCLB.511505.10	RNA pseudouridylate synthase, putative	0,1823	0,09323
TcCLB.509799.90	hypothetical protein, conserved	0,1822	0,2081
TcCLB.507003.70	hypothetical protein, conserved	0,1822	0,2618
TcCLB.504081.26	hypothetical protein	0,1822	0,4669
TcCLB.508139.150	hypothetical protein, conserved	0,1821	0,4249
TcCLB.510297.60	zinc transporter, putative	0,1819	0,1521
TcCLB.510507.60	inositol 1,4,5-trisphosphate receptor, putative (fragment)	0,1818	0,05703
TcCLB.510095.40	retrotransposon hot spot protein (RHS, pseudogene), puta	0,1817	0,2243
TcCLB.506653.50	elongation factor 1-gamma (EF-1-gamma, pseudogene),	0,1817	0,5883
TcCLB.507711.260	hypothetical protein, conserved	0,1816	0,0662
TcCLB.511249.90	hypothetical protein, conserved	0,1816	0,09284
TcCLB.511727.199	CYC2-like cyclin 6, putative (CYC6)	0,1815	0,1454
TcCLB.511621.259	hypothetical protein, conserved	0,1815	0,3332
TcCLB.506525.80	N-myristoyl transferase, putative	0,1813	0,1767
TcCLB.507009.100	cyclophilin, putative	0,1813	0,2185
TcCLB.506831.50	hypothetical protein, conserved	0,1812	0,08623

TcCLB.507641.260	chaperonin HSP60, mitochondrial precursor (pseudogene)	0,1811	0,2311
TcCLB.511711.90	cop-coated vesicle membrane protein p24 precursor, puta	0,181	0,05828
TcCLB.508503.40	hypothetical protein, conserved	0,181	0,08924
TcCLB.511925.40	hypothetical protein, conserved	0,1809	0,3787
TcCLB.506563.130	calpain-like cysteine peptidase (pseudogene), putative	0,1807	0,1329
TcCLB.507395.10	dihydroceramide synthase, putative (DHCS)	0,1806	0,113
TcCLB.504185.9	hypothetical protein, conserved	0,1806	0,4598
TcCLB.504689.60	dispersed gene family protein 1 (DGF-1), putative	0,1806	0,4695
TcCLB.506513.80	hypothetical protein, conserved	0,1805	0,1575
TcCLB.507857.60	Dynein intermediate chain 1, axonemal (DNAI1)	0,1805	0,1963
TcCLB.511507.39	intraflagellar transport (IFT) protein, putative (IFT20)	0,1805	0,2236
TcCLB.509127.40	hypothetical protein, conserved	0,1804	0,148
TcCLB.506649.100	tRNA nucleotidyltransferase, putative	0,1803	0,08577
TcCLB.510259.40	hypothetical protein, conserved	0,1802	0,4051
TcCLB.507519.130	Mini-chromosome maintenance complex-binding protein	0,1801	0,1015
TcCLB.506845.60	retrotransposon hot spot (RHS) protein, putative	0,1799	0,5191
TcCLB.508389.10	hypothetical protein, conserved	0,1798	0,06524
TcCLB.506895.10	hypothetical protein, conserved	0,1798	0,2073
TcCLB.507767.10	succinyl-CoA ligase [GDP-forming] beta-chain, putative	0,1797	0,02152
TcCLB.511425.19	hypothetical protein, conserved (pseudogene)	0,1797	0,2072
TcCLB.508415.10	hypothetical protein, conserved (pseudogene)	0,1797	0,3176
TcCLB.510073.10	cysteine peptidase (N-terminal), putative	0,1796	0,3884
TcCLB.506821.90	hypothetical protein, conserved	0,1795	0,1238
TcCLB.506195.100	malate dehydrogenase (pseudogene), putative	0,1794	0,1972
TcCLB.511767.60	trans-sialidase (pseudogene), putative	0,1793	0,1155
TcCLB.508413.60	hypothetical protein, conserved	0,1793	0,1816
TcCLB.511693.50	hypothetical protein, conserved	0,1792	0,08133
TcCLB.503495.5	hypothetical protein	0,1792	0,4398
TcCLB.506401.80	hypothetical protein, conserved	0,1791	0,03634
TcCLB.511727.70	hypothetical protein, conserved	0,179	0,06894
TcCLB.509053.20	hypothetical protein, conserved	0,179	0,1036
TcCLB.508357.23	hypothetical protein, conserved	0,1789	0,2346
TcCLB.511737.6	hypothetical protein, conserved	0,1789	0,2828
TcCLB.511041.50	flagellum transition zone component, putative	0,1788	0,01872
TcCLB.506529.310	hypothetical protein, conserved	0,1788	0,1166
TcCLB.509831.50	intraflagellar transport protein 88, putative (fragment) (IF	0,1788	0,1883
TcCLB.506705.20	adenosine kinase, putative	0,1788	0,353
TcCLB.508405.110	hypothetical protein, conserved	0,1787	0,1686
TcCLB.509379.10	dihydrolipoamide dehydrogenase, putative (GCVL-1)	0,1787	0,1756
TcCLB.510167.29	exosome complex exonuclease, putative	0,1787	0,2044
TcCLB.508641.180	RNA-binding protein 38, putative (RBP38)	0,1786	0,0835
TcCLB.506629.120	hypothetical protein, conserved	0,1786	0,1284
TcCLB.509169.39	protein kinase, putative	0,1786	0,3759
TcCLB.506435.50	hypothetical protein, conserved	0,1785	0,2518
TcCLB.508995.20	Tubulin/FtsZ family, putative	0,1781	0,07659

TcCLB.511249.40	hypothetical protein, conserved	0,178	0,169
TcCLB.507735.60	hypothetical protein, conserved	0,1779	0,09862
TcCLB.506713.70	retrotransposon hot spot protein (RHS, pseudogene), puta	0,1779	0,1826
TcCLB.505555.20	hypothetical protein, conserved	0,1779	0,2473
TcCLB.506367.80	hypothetical protein	0,1778	0,4059
TcCLB.505037.140	retrotransposon hot spot protein (RHS, pseudogene), puta	0,1777	0,2456
TcCLB.510299.79	protein phosphatase 2C, putative	0,1776	0,146
TcCLB.508153.860	hypothetical protein, conserved	0,1775	0,05411
TcCLB.506517.130	hypothetical protein, conserved	0,1773	0,09148
TcCLB.508515.80	hypothetical protein, conserved	0,1773	0,1588
TcCLB.511045.29	hypothetical protein, conserved	0,1772	0,1015
TcCLB.508679.7	hypothetical protein, conserved (pseudogene)	0,1772	0,5635
TcCLB.504883.40	hypothetical protein, conserved	0,1771	0,07628
TcCLB.504867.114	tyrosine phosphatase, putative	0,1771	0,1915
TcCLB.510143.90	hypothetical protein, conserved	0,1771	0,2025
TcCLB.509569.160	hypothetical protein, conserved	0,177	0,1401
TcCLB.511719.20	hypothetical protein, conserved	0,1769	0,2381
TcCLB.511869.9	dynein heavy chain, putative (fragment)	0,1768	0,1425
TcCLB.510145.50	hypothetical protein, conserved	0,1766	0,05292
TcCLB.509891.50	hypothetical protein, conserved	0,1766	0,3006
TcCLB.510359.250	hypothetical protein, conserved	0,1766	0,493
TcCLB.506737.60	hypothetical protein, conserved	0,1765	0,3957
TcCLB.506717.200	hypothetical protein, conserved	0,1765	0,4159
TcCLB.508461.530	hypothetical protein, conserved	0,1764	0,09632
TcCLB.507653.110	trans-sialidase (pseudogene), putative	0,1764	0,173
TcCLB.506777.110	hypothetical protein, conserved	0,1763	0,1639
TcCLB.505997.40	hypothetical protein, conserved (pseudogene)	0,1763	0,1695
TcCLB.511705.20	putative prolyl carboxypeptidase, putative	0,1763	0,3298
TcCLB.509247.10	hypothetical protein, conserved	0,1762	0,1991
TcCLB.508543.70	hypothetical protein, conserved	0,1762	0,2236
TcCLB.507047.100	hypothetical protein, conserved	0,1759	0,09095
TcCLB.506449.30	retrotransposon hot spot protein (RHS, pseudogene), puta	0,1758	0,4831
TcCLB.511899.30	hypothetical protein, conserved	0,1756	0,09424
TcCLB.511859.30	hypothetical protein, conserved	0,1756	0,1979
TcCLB.506491.20	myosin heavy chain, putative	0,1755	0,04489
TcCLB.509747.10	hypothetical protein, conserved	0,1754	0,306
TcCLB.507539.20	hypothetical protein, conserved	0,1754	0,4653
TcCLB.507521.50	proteasome beta 6 subunit, putative	0,175	0,1178
TcCLB.507099.50	programmed cell death 6 protein-like, putative	0,1749	0,127
TcCLB.510289.40	GPI inositol deacylase precursor, putative	0,1749	0,1495
TcCLB.509233.239	hypothetical protein, conserved	0,1747	0,3762
TcCLB.509595.50	DIS3-like exonuclease, putative	0,1746	0,08115
TcCLB.506705.10	hypothetical protein	0,1746	0,1511
TcCLB.506989.50	hypothetical protein, conserved	0,1746	0,1759
TcCLB.504057.140	ADP/ATP mitochondrial carrier protein, putative	0,1745	0,0726

TcCLB.504147.40	Mitochondrial N(5)-glutamine methyltransferase MTQ1, p	0,1745	0,07692
TcCLB.510009.10	hypothetical protein, conserved	0,1742	0,4857
TcCLB.508139.135	retrotransposon hot spot protein (RHS, pseudogene), puta	0,174	0,2158
TcCLB.506629.190	hypothetical protein, conserved	0,1739	0,1149
TcCLB.510861.40	hypothetical protein, conserved	0,1738	0,1777
TcCLB.506343.20	dispersed gene family protein 1 (DGF-1, pseudogene), put	0,1738	0,4922
TcCLB.503879.30	hypothetical protein, conserved	0,1737	0,122
TcCLB.509019.10	trans-sialidase (pseudogene), putative	0,1737	0,1355
TcCLB.508169.50	hypothetical protein, conserved	0,1735	0,1373
TcCLB.508059.30	hypothetical protein, conserved	0,1734	0,1411
TcCLB.511317.40	hypothetical protein, conserved	0,1734	0,1483
TcCLB.507837.60	Suppressor of G2 allele of SKP1, putative	0,1734	0,1819
TcCLB.509053.110	ubiquitin fusion degradation protein 2, putative	0,1733	0,02374
TcCLB.508667.49	small nuclear ribonucleoprotein SmD2, putative	0,1733	0,1871
TcCLB.507907.50	hypothetical protein, conserved	0,1732	0,01959
TcCLB.506537.130	protein kinase, putative	0,1732	0,4899
TcCLB.509429.110	proteasome beta-1 subunit, putative	0,1731	0,07526
TcCLB.504037.20	hypothetical protein, conserved	0,1731	0,09721
TcCLB.414145.9	hypothetical protein, conserved (fragment)	0,1731	0,2476
TcCLB.508609.20	hypothetical protein	0,1731	0,2856
TcCLB.442287.10	serine/threonine protein phosphatase (pseudogene), puta	0,173	0,08872
TcCLB.511861.90	retrotransposon hot spot (RHS) protein, putative	0,1729	0,2026
TcCLB.504003.40	hypothetical protein, conserved	0,1728	0,08445
TcCLB.504033.120	hypothetical protein, conserved	0,1728	0,09152
TcCLB.503887.30	hypothetical protein, conserved	0,1727	0,1074
TcCLB.503943.20	hypothetical protein, conserved	0,1726	0,04973
TcCLB.506977.120	hypothetical protein, conserved	0,1726	0,1289
TcCLB.507747.260	hypothetical protein, conserved	0,1726	0,143
TcCLB.511751.200	epsilon-adaptin, putative	0,1725	0,07526
TcCLB.509853.10	mannosyl-oligosaccharide 1,2-alpha-mannosidase IB, put	0,1722	0,1225
TcCLB.507991.30	hypothetical protein, conserved	0,1722	0,1939
TcCLB.509213.110	hypothetical protein, conserved	0,1721	0,06155
TcCLB.511911.120	DNA polymerase eta, putative	0,1719	0,1358
TcCLB.507711.180	hypothetical protein, conserved	0,1719	0,1678
TcCLB.503487.60	hypothetical protein, conserved	0,1719	0,2314
TcCLB.508175.160	deoxyuridine triphosphatase, putative	0,1718	0,1792
TcCLB.504635.20	hypothetical protein, conserved	0,1718	0,2236
TcCLB.509663.25	hypothetical protein, conserved (pseudogene)	0,1717	0,4375
TcCLB.507773.50	hypothetical protein, conserved	0,1716	0,09978
TcCLB.511857.50	actin-like protein, putative	0,1714	0,1392
TcCLB.510187.260	hypothetical protein, conserved	0,1714	0,161
TcCLB.507587.50	hypothetical protein	0,1712	0,7084
TcCLB.508879.10	hypothetical protein, conserved	0,1711	0,1544
TcCLB.508837.80	Flagellar Member 3 (FLAM3)	0,171	0,09797
TcCLB.507811.90	hypothetical protein, conserved	0,171	0,1237

TcCLB.510359.190	hypothetical protein, conserved	0,171	0,3027
TcCLB.511825.250	hypothetical protein, conserved	0,1709	0,2817
TcCLB.504013.11	ribosomal protein L13, putative (fragment)	0,1708	0,0196
TcCLB.511773.30	hypothetical protein	0,1708	0,3839
TcCLB.507663.40	hypothetical protein, conserved	0,1708	0,4116
TcCLB.508951.60	hypothetical protein, conserved	0,1707	0,175
TcCLB.508541.30	hypothetical protein	0,1705	0,736
TcCLB.509149.70	hypothetical protein, conserved	0,1703	0,1148
TcCLB.506863.50	ribosomal RNA processing protein 45, putative (RRP45)	0,1703	0,2887
TcCLB.506275.70	hypothetical protein, conserved	0,1701	0,1731
TcCLB.506321.310	phosphoribosylpyrophosphate synthetase, putative	0,17	0,04344
TcCLB.469435.4	ribosomal protein L14, putative	0,1699	0,3484
TcCLB.507997.89	hypothetical protein, conserved	0,1699	0,439
TcCLB.508857.90	hypothetical protein, conserved	0,1696	0,1207
TcCLB.511517.140	hypothetical protein	0,1696	0,1989
TcCLB.510797.30	hypothetical protein, conserved	0,1696	0,2077
TcCLB.510777.10	hypothetical protein, conserved	0,1696	0,269
TcCLB.420495.19	hypothetical protein, conserved (pseudogene)	0,1696	0,4894
TcCLB.508891.40	hypothetical protein, conserved	0,1695	0,1366
TcCLB.511847.89	hypothetical protein, conserved	0,1695	0,4007
TcCLB.510089.219	diacylglycerol acyltransferase, putative	0,1693	0,2533
TcCLB.510101.440	hypothetical protein, conserved	0,1692	0,1916
TcCLB.509643.80	DNA mismatch repair protein MSH2, putative (MSH2)	0,1689	0,05852
TcCLB.510325.45	hypothetical protein	0,1689	0,1487
TcCLB.508515.50	glycogenin glucosyltransferase, putative	0,1689	0,3722
TcCLB.508027.94	hypothetical protein, conserved	0,1688	0,1947
TcCLB.509099.170	hypothetical protein, conserved	0,1687	0,3395
TcCLB.506321.230	hypothetical protein	0,1687	0,5327
TcCLB.506357.110	hypothetical protein, conserved	0,1683	0,1517
TcCLB.506625.84	hypothetical protein, conserved	0,168	0,267
TcCLB.508641.210	hypothetical protein, conserved	0,1679	0,288
TcCLB.508879.20	hypothetical protein	0,1677	0,3573
TcCLB.510311.130	DNA repair helicase, putative	0,1676	0,109
TcCLB.506633.100	hypothetical protein, conserved	0,1676	0,2572
TcCLB.510517.20	hypothetical protein, conserved	0,1675	0,3154
TcCLB.508879.100	hypothetical protein, conserved	0,1674	0,05622
TcCLB.504193.41	N-acetyltransferase complex ARD1 subunit (pseudogene),	0,1674	0,3436
TcCLB.504163.20	hypothetical protein, conserved	0,1672	0,1403
TcCLB.508355.310	hypothetical protein, conserved	0,1671	0,1033
TcCLB.509745.60	telomerase reverse transcriptase, putative (TERT)	0,1666	0,1437
TcCLB.511279.20	hypothetical protein, conserved	0,1665	0,1604
TcCLB.509537.80	hypothetical protein, conserved	0,1664	0,0345
TcCLB.511391.140	alpha-adaptin-like, putative	0,1664	0,1148
TcCLB.508579.40	hypothetical protein, conserved	0,1662	0,266
TcCLB.504505.20	retrotransposon hot spot (RHS) protein, putative	0,1661	0,3391

TcCLB.506507.30	beta galactofuranosyl glycosyltransferase, putative	0,166	0,2683
TcCLB.503815.29	hypothetical protein, conserved	0,1659	0,4593
TcCLB.506829.5	hypothetical protein, conserved	0,1658	0,3348
TcCLB.510217.10	hypothetical protein	0,1658	0,8085
TcCLB.508231.230	protein transport protein Sec23A, putative	0,1657	0,2295
TcCLB.511511.139	zinc finger protein, putative	0,1654	0,1236
TcCLB.511229.100	hypothetical protein, conserved	0,1652	0,0922
TcCLB.506147.180	DNA polymerase epsilon catalytic subunit, putative	0,1652	0,1069
TcCLB.510039.50	hypothetical protein, conserved	0,1652	0,175
TcCLB.510101.150	adaptin-related protein-like, putative	0,1651	0,09019
TcCLB.506627.50	mitochondrial exoribonuclease DSS-1, putative	0,1651	0,1021
TcCLB.504105.100	hypothetical protein	0,1651	0,1465
TcCLB.511621.70	ribosomal protein L11, putative	0,1651	0,1727
TcCLB.511585.50	hypothetical protein, conserved	0,1651	0,2012
TcCLB.507053.110	hypothetical protein, conserved	0,165	0,1057
TcCLB.505997.190	retrotransposon hot spot protein (RHS, pseudogene), puta	0,1649	0,206
TcCLB.510219.10	hypothetical protein, conserved	0,1648	0,2597
TcCLB.504157.120	hypothetical protein, conserved	0,1648	0,3818
TcCLB.506925.390	MP44, putative	0,1647	0,1893
TcCLB.511171.60	surface protease GP63 (pseudogene), putative	0,1647	0,7288
TcCLB.504479.20	retrotransposon hot spot protein (RHS, pseudogene), puta	0,1646	0,3318
TcCLB.507297.20	cysteinyl-tRNA synthetase, putative	0,1645	0,04198
TcCLB.509029.120	ATP-dependent DNA helicase, putative	0,1644	0,1786
TcCLB.511537.60	hypothetical protein, conserved	0,1643	0,1232
TcCLB.511847.70	hypothetical protein, conserved	0,1643	0,1938
TcCLB.504241.90	dispersed gene family protein 1 (DGF-1), putative	0,1643	0,7247
TcCLB.503541.20	hypothetical protein, conserved	0,1642	0,2522
TcCLB.506187.20	trans-sialidase, Group V, putative	0,1642	0,3117
TcCLB.507801.50	tubulin-tyrosine ligase, putative	0,1641	0,1494
TcCLB.511807.210	hypothetical protein, conserved (pseudogene)	0,164	0,06733
TcCLB.504213.130	hypothetical protein, conserved	0,1639	0,2879
TcCLB.510951.19	hypothetical protein, conserved	0,1637	0,3163
TcCLB.510427.5	hypothetical protein, conserved	0,1637	0,4082
TcCLB.507083.100	hypothetical protein, conserved	0,1636	0,04999
TcCLB.507991.60	mismatch repair protein MLH1, putative	0,1636	0,2196
TcCLB.510943.120	hypothetical protein, conserved	0,1634	0,09739
TcCLB.511017.20	2,3-bisphosphoglycerate-independent phosphoglycerate n	0,1634	0,1218
TcCLB.510687.10	dynein heavy chain (pseudogene), putative	0,1633	0,0273
TcCLB.510769.30	hypothetical protein, conserved	0,1633	0,1155
TcCLB.506203.100	hypothetical protein	0,1632	0,1345
TcCLB.508629.26	retrotransposon hot spot protein (RHS, pseudogene), puta	0,1632	0,3021
TcCLB.506195.70	PrimPol-like protein 2, putative (ppl2)	0,1629	0,136
TcCLB.511291.30	lipoic acid synthetase, mitochondrial precursor, putative	0,1629	0,1827
TcCLB.503757.49	hypothetical protein, conserved (fragment)	0,1629	0,6316
TcCLB.506743.90	hypothetical protein, conserved	0,1628	0,4615

TcCLB.503599.40	hypothetical protein, conserved	0,1627	0,1478
TcCLB.507049.20	hypothetical protein	0,1627	0,2856
TcCLB.510043.59	hypothetical protein, conserved (fragment)	0,1626	0,1571
TcCLB.506181.40	hypothetical protein, conserved	0,1622	0,1397
TcCLB.508873.170	retrotransposon hot spot protein (RHS, pseudogene), puta	0,1622	0,6238
TcCLB.507841.40	hypothetical protein, conserved	0,1621	0,1934
TcCLB.510885.40	WD repeat and HMG-box DNA-binding protein, putative	0,162	0,05705
TcCLB.509073.50	hypothetical protein, conserved	0,162	0,1963
TcCLB.509959.160	hypothetical protein, conserved (pseudogene)	0,162	0,2898
TcCLB.506249.60	40S ribosomal protein S8, putative	0,1619	0,1095
TcCLB.509179.40	hypothetical protein, conserved	0,1619	0,263
TcCLB.511355.40	GUP1, putative	0,1618	0,1935
TcCLB.510663.80	hypothetical protein, conserved	0,1618	0,2249
TcCLB.507611.40	protein kinase, putative	0,1618	0,6996
TcCLB.509609.19	DNA repair and recombination helicase protein PIF7, puta	0,1617	0,3457
TcCLB.504427.190	hypothetical protein, conserved	0,1616	0,2376
TcCLB.510759.110	hypothetical protein, conserved	0,1615	0,1258
TcCLB.509033.100	hypothetical protein, conserved	0,1615	0,1891
TcCLB.506485.60	hypothetical protein, conserved	0,1614	0,1943
TcCLB.509243.30	hypothetical protein, conserved	0,1612	0,342
TcCLB.509617.20	paraflagellar rod protein 3, putative (PAR3)	0,161	0,192
TcCLB.507547.80	protein kinase, putative	0,161	0,3568
TcCLB.503733.40	hypothetical protein, conserved	0,161	0,364
TcCLB.507641.140	ATP-dependent DEAD/H RNA helicase, putative	0,1609	0,04585
TcCLB.503637.20	hypothetical protein, conserved	0,1608	0,1259
TcCLB.504103.100	ABC1 protein, putative	0,1607	0,1916
TcCLB.508641.120	hypothetical protein, conserved	0,1607	0,2202
TcCLB.506983.60	DNA excision repair protein, putative	0,1606	0,05606
TcCLB.509857.40	hypothetical protein, conserved	0,1606	0,09032
TcCLB.510533.160	hypothetical protein, conserved	0,1605	0,2078
TcCLB.507515.50	hypothetical protein	0,1604	0,1995
TcCLB.503847.30	hypothetical protein, conserved	0,1604	0,2128
TcCLB.508143.65	elongation factor 1-gamma (EF-1-gamma, pseudogene),	0,1604	0,6715
TcCLB.506989.250	hypothetical protein, conserved	0,16	0,1221
TcCLB.503719.10	hypothetical protein	0,1599	0,1207
TcCLB.508479.390	RNA triphosphatase, putative	0,1599	0,2651
TcCLB.509123.20	hypothetical protein	0,1599	0,7525
TcCLB.505183.50	hypothetical protein, conserved	0,1598	0,1155
TcCLB.506301.50	succinyl-coA:3-ketoacid-coenzyme A transferase, mitocho	0,1598	0,1897
TcCLB.503897.10	hypothetical protein	0,1597	0,1068
TcCLB.507533.10	phosphatidylinositol 4-kinase alpha, putative	0,1597	0,1366
TcCLB.503909.50	hypothetical protein, conserved (YCF45)	0,1596	0,1516
TcCLB.507711.130	hypothetical protein, conserved	0,1593	0,3023
TcCLB.510741.70	protein kinase, putative	0,1593	0,3808
TcCLB.511065.10	STOP axonemal protein, putative	0,1591	0,1695



TcCLB.506527.4	hypothetical protein, conserved (fragment)	0,1589	0,1192
TcCLB.508209.39	hypothetical protein, conserved	0,1589	0,1681
TcCLB.506941.210	hypothetical protein, conserved	0,1589	0,2044
TcCLB.508153.1100	mitochondrial protein 99, putative (MP99)	0,1588	0,1569
TcCLB.504111.30	hypothetical protein, conserved	0,1588	0,2125
TcCLB.510355.250	hypothetical protein, conserved	0,1587	0,1203
TcCLB.510423.70	hypothetical protein, conserved	0,1587	0,4149
TcCLB.511515.20	AAA ATPase (pseudogene), putative	0,1586	0,1254
TcCLB.511693.120	hypothetical protein	0,1586	0,1417
TcCLB.507681.60	hypothetical protein, conserved	0,1586	0,3621
TcCLB.506743.4	eukaryotic translation initiation factor 1A, putative (fragm	0,1585	0,2312
TcCLB.508881.40	hypothetical protein, conserved	0,1584	0,1519
TcCLB.506855.110	hypothetical protein, conserved	0,1584	0,1582
TcCLB.511867.40	hypothetical protein, conserved	0,1583	0,2852
TcCLB.507001.60	hypothetical protein, conserved	0,1582	0,08577
TcCLB.508973.110	hypothetical protein, conserved	0,1581	0,1912
TcCLB.511899.20	hypothetical protein, conserved	0,158	0,2015
TcCLB.504147.210	hypothetical protein, conserved	0,1578	0,3092
TcCLB.508979.80	hypothetical protein, conserved	0,1577	0,275
TcCLB.510283.80	hypothetical protein, conserved	0,1576	0,2774
TcCLB.504017.40	aminomethyltransferase, mitochondrial, putative (GCV)	0,1576	0,296
TcCLB.508209.70	hypothetical protein, conserved	0,1575	0,2665
TcCLB.506405.110	ribosomal protein L13, putative	0,1575	0,3756
TcCLB.508799.130	hypothetical protein, conserved	0,1574	0,08804
TcCLB.506537.10	retrotransposon hot spot protein (RHS, pseudogene), puta	0,1574	0,1758
TcCLB.511183.116	trans-sialidase (pseudogene), putative	0,1573	0,6178
TcCLB.511907.210	hypothetical protein, conserved	0,157	0,2365
TcCLB.511585.269	retrotransposon hot spot protein (RHS, pseudogene), puta	0,157	0,3604
TcCLB.509233.80	heat shock protein DNAJ, putative	0,1569	0,1579
TcCLB.511621.160	hypothetical protein, conserved	0,1569	0,1903
TcCLB.511301.140	potassium voltage-gated channel	0,1569	0,2291
TcCLB.509591.30	ras-family member, GTP-binding protein, putative	0,1568	0,1378
TcCLB.509965.200	hypothetical protein, conserved	0,1568	0,281
TcCLB.511217.39	hypothetical protein, conserved	0,1568	0,3427
TcCLB.511417.20	retrotransposon hot spot protein (RHS, pseudogene), puta	0,1568	0,548
TcCLB.506147.184	hypothetical protein, conserved	0,1567	0,3301
TcCLB.508687.25	hypothetical protein	0,1567	0,5084
TcCLB.506239.20	hypothetical protein, conserved	0,1566	0,2226
TcCLB.428403.5	hypothetical protein, conserved	0,1565	0,2759
TcCLB.490165.19	hypothetical protein, conserved	0,1564	0,4766
TcCLB.510399.10	dispersed gene family protein 1 (DGF-1), putative	0,1564	0,7486
TcCLB.503847.60	hypothetical protein, conserved	0,1563	0,112
TcCLB.511545.110	hypothetical protein	0,1563	0,3624
TcCLB.503829.89	spliceosomal U5 snRNP-specific protein, putative	0,1561	0,3803
TcCLB.504247.10	hypothetical protein, conserved	0,156	0,2606

TcCLB.506825.20	hypothetical protein, conserved	0,1559	0,06296
TcCLB.509991.110	transcription elongation factor 1 homolog (ELOF1)	0,1558	0,2604
TcCLB.508443.50	hypothetical protein, conserved	0,1558	0,2653
TcCLB.503521.39	mitochondrial carrier protein, putative	0,1558	0,2825
TcCLB.507787.150	hypothetical protein, conserved	0,1557	0,1589
TcCLB.507005.50	hypothetical protein	0,1556	0,1448
TcCLB.511429.20	cyclophilin 15, putative	0,1556	0,2194
TcCLB.510741.60	hypothetical protein, conserved	0,1556	0,23
TcCLB.503841.20	AMPK subunit gamma (AMPKG)	0,1555	0,1973
TcCLB.509259.45	hypothetical protein	0,1554	0,475
TcCLB.504163.10	hypothetical protein, conserved	0,1553	0,09069
TcCLB.510687.149	coatomer alpha subunit, putative	0,1553	0,1512
TcCLB.508899.54	hypothetical protein, conserved	0,1552	0,2779
TcCLB.510099.30	hypothetical protein, conserved	0,1551	0,1912
TcCLB.510761.70	ubiquitin hydrolase, putative	0,1549	0,136
TcCLB.508207.60	hypothetical protein, conserved	0,1549	0,2538
TcCLB.504069.60	GPI transamidase component GAA1, putative	0,1549	0,2711
TcCLB.508357.9	hypothetical protein, conserved (fragment)	0,1546	0,1235
TcCLB.504741.210	hypothetical protein, conserved	0,1546	0,1834
TcCLB.511671.50	hypothetical protein, conserved	0,1541	0,04711
TcCLB.511001.180	hypothetical protein, conserved	0,1541	0,1303
TcCLB.508045.14	hypothetical protein, conserved	0,1541	0,1787
TcCLB.508849.20	retrotransposon hot spot protein (RHS, pseudogene), puta	0,1541	0,1853
TcCLB.508153.120	ubiquitin hydrolase, putative	0,154	0,152
TcCLB.507063.40	hypothetical protein, conserved	0,1539	0,2596
TcCLB.509011.40	calreticulin, putative	0,1538	0,02273
TcCLB.508355.50	hypothetical protein, conserved	0,1537	0,3241
TcCLB.511185.150	hypothetical protein, conserved (pseudogene)	0,1536	0,316
TcCLB.507049.5	kynurenine aminotransferase (pseudogene), putative	0,1533	0,2572
TcCLB.507711.220	hypothetical protein, conserved	0,1532	0,4352
TcCLB.508409.230	UBX domain-containing protein	0,153	0,1311
TcCLB.503869.60	coatomer beta subunit (pseudogene), putative	0,1529	0,1043
TcCLB.507713.20	hypothetical protein, conserved	0,1529	0,2159
TcCLB.506925.290	hypothetical protein	0,1528	0,1386
TcCLB.506835.140	hypothetical protein, conserved	0,1526	0,1064
TcCLB.506925.50	hypothetical protein, conserved	0,1526	0,1493
TcCLB.510381.5	SNF2 DNA repair protein (pseudogene), putative	0,1526	0,316
TcCLB.503821.10	DNA-directed RNA polymerase I subunit, putative	0,1526	0,3823
TcCLB.506287.120	hypothetical protein	0,1523	0,2175
TcCLB.510659.110	hypothetical protein, conserved	0,1522	0,2118
TcCLB.506017.31	ATP-dependent DEAD/H RNA helicase (pseudogene), puta	0,1522	0,5904
TcCLB.511117.60	mucin-associated surface protein (MASP, pseudogene), pi	0,1521	0,6313
TcCLB.511003.40	hypothetical protein, conserved	0,1519	0,135
TcCLB.507073.49	hypothetical protein, conserved	0,1518	0,228
TcCLB.506147.160	hypothetical protein, conserved	0,1518	0,2767

TcCLB.503791.49	vacuolar protein sorting-associated protein, putative (frag	0,1516	0,298
TcCLB.509733.50	hypothetical protein, conserved	0,1515	0,2214
TcCLB.503975.20	hypothetical protein	0,1515	0,3076
TcCLB.508409.220	hypothetical protein, conserved	0,1514	0,2166
TcCLB.507491.50	hypothetical protein, conserved	0,1511	0,2342
TcCLB.506529.620	hypothetical protein	0,1511	0,2898
TcCLB.507079.10	hypothetical protein, conserved	0,1508	0,2294
TcCLB.504257.30	S-adenosylmethionine decarboxylase proenzyme, putative	0,1506	0,151
TcCLB.508461.90	hypothetical protein, conserved	0,1505	0,1889
TcCLB.506529.190	hypothetical protein, conserved	0,1504	0,2157
TcCLB.508965.94	hypothetical protein, conserved	0,1504	0,2258
TcCLB.506435.450	hypothetical protein, conserved	0,1503	0,1553
TcCLB.509455.130	cAMP response protein, putative (CARP4)	0,1501	0,1557
TcCLB.504171.20	hypothetical protein, conserved	0,1501	0,3288
TcCLB.511529.140	hypothetical protein, conserved	0,1499	0,1018
TcCLB.503897.110	plectin-like protein, putative	0,1499	0,2568
TcCLB.506095.9	dispersed gene family protein 1 (DGF-1), putative (fragme	0,1499	0,356
TcCLB.510635.40	hypothetical protein, conserved	0,1498	0,2569
TcCLB.509779.50	hypothetical protein, conserved	0,1498	0,2583
TcCLB.508325.130	protein kinase, putative	0,1497	0,226
TcCLB.506475.50	Replication Factor C Subunit 1-related protein	0,1497	0,228
TcCLB.507591.20	beta galactofuranosyl glycosyltransferase (pseudogene), f	0,1497	0,4854
TcCLB.508175.90	hypothetical protein	0,1496	0,07941
TcCLB.420369.40	hypothetical protein, conserved	0,1496	0,3094
TcCLB.510165.40	hypothetical protein, conserved	0,1495	0,1577
TcCLB.507093.310	hypothetical protein, conserved	0,1495	0,2224
TcCLB.505931.30	trans-sialidase, Group I, putative	0,1495	0,4006
TcCLB.460125.10	hypothetical protein, conserved (fragment)	0,1494	0,4676
TcCLB.511481.40	N-Acetyl-D-glucosaminylphosphatidylinositol de-N-acetyl	0,1492	0,3368
TcCLB.511309.20	hydrolase-like protein, putative	0,1492	0,3475
TcCLB.510039.100	hypothetical protein, conserved	0,1491	0,3633
TcCLB.509085.60	dispersed gene family protein 1 (DGF-1), putative	0,1491	0,4843
TcCLB.507541.30	casein kinase, putative	0,149	0,08093
TcCLB.503781.20	phosphatidylinositol N-acetylglucosaminyltransferase sub	0,1489	0,2797
TcCLB.510241.100	hypothetical protein, conserved	0,1489	0,2937
TcCLB.508109.20	mucin TcMUCII, putative	0,1489	0,6181
TcCLB.503629.10	hypothetical protein, conserved	0,1484	0,1879
TcCLB.508479.150	serine/threonine protein kinase, putative	0,1483	0,102
TcCLB.507041.20	hypothetical protein, conserved	0,1483	0,1947
TcCLB.507521.40	hypothetical protein, conserved	0,1483	0,2934
TcCLB.511269.20	Multisite-specific tRNA:(cytosine-C(5))-methyltransferase	0,1482	0,1289
TcCLB.509791.180	hypothetical protein, conserved	0,1481	0,303
TcCLB.504425.50	hypothetical protein, conserved	0,1481	0,4846
TcCLB.508799.250	hypothetical protein, conserved	0,148	0,1179
TcCLB.504017.79	glycyl-tRNA synthetase, putative	0,1477	0,2112

TcCLB.509645.19	hypothetical protein, conserved	0,1477	0,2268
TcCLB.506661.100	hypothetical protein, conserved	0,1477	0,5159
TcCLB.503999.90	RNA-binding protein 34, putative (RBP34)	0,1475	0,2946
TcCLB.511893.20	hypothetical protein, conserved	0,1475	0,7664
TcCLB.509911.90	peptidase, putative	0,1474	0,0587
TcCLB.506531.20	hypothetical protein, conserved	0,1474	0,1544
TcCLB.506581.4	hypothetical protein, conserved	0,1473	0,5891
TcCLB.508891.120	periodic tryptophan protein 2 (pseudogene), putative	0,1472	0,163
TcCLB.506833.9	hypothetical protein, conserved	0,1471	0,2219
TcCLB.506821.30	glycosylphosphatidylinositol-specific phospholipase C	0,1471	0,2289
TcCLB.508479.260	hypothetical protein, conserved	0,147	0,2075
TcCLB.503479.10	hypothetical protein, conserved	0,147	0,2683
TcCLB.472777.20	hypothetical protein, conserved	0,1469	0,1922
TcCLB.506627.80	hypothetical protein, conserved	0,1469	0,1938
TcCLB.503953.20	hypothetical protein, conserved	0,1469	0,4196
TcCLB.510323.70	hypothetical protein, conserved	0,1468	0,1544
TcCLB.506529.14	hypothetical protein, conserved	0,1468	0,3391
TcCLB.504229.70	retrotransposon hot spot (RHS) protein, putative	0,1467	0,2712
TcCLB.506243.94	retrotransposon hot spot protein (RHS, pseudogene), puta	0,1467	0,3087
TcCLB.506665.20	hypothetical protein	0,1466	0,5619
TcCLB.508489.40	hypothetical protein, conserved	0,1465	0,2602
TcCLB.511315.56	hypothetical protein, conserved	0,1465	0,6195
TcCLB.506969.10	mucin-associated surface protein (MASP, pseudogene), p	0,1464	0,4192
TcCLB.510175.170	glycine dehydrogenase [decarboxylating] (pseudogene), p	0,1463	0,4014
TcCLB.506557.20	hypothetical protein, conserved	0,1462	0,1728
TcCLB.511003.140	vacuolar transport protein 4A, putative	0,1462	0,2437
TcCLB.508153.820	inorganic pyrophosphatase, putative	0,1462	0,3041
TcCLB.509235.10	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, p	0,1462	0,5053
TcCLB.511779.31	hypothetical protein	0,1462	0,7205
TcCLB.506459.190	hypothetical protein	0,1461	0,6146
TcCLB.504033.170	tyrosine phosphatase, putative	0,146	0,2802
TcCLB.510627.70	hypothetical protein, conserved (pseudogene)	0,146	0,7426
TcCLB.507689.25	hypothetical protein, conserved	0,1458	0,6512
TcCLB.511537.21	hypothetical protein, conserved	0,1457	0,3728
TcCLB.506479.80	hypothetical protein, conserved	0,1456	0,242
TcCLB.510333.10	hypothetical protein, conserved	0,1455	0,1331
TcCLB.510237.95	hypothetical protein, conserved (pseudogene)	0,1455	0,6908
TcCLB.503537.18	retrotransposon hot spot protein (RHS, pseudogene), puta	0,1454	0,5712
TcCLB.506155.70	SWI/SNF-related helicase, putative	0,1452	0,07986
TcCLB.509167.40	amino acid permease, putative	0,1452	0,2371
TcCLB.511633.30	hypothetical protein, conserved	0,1452	0,2762
TcCLB.510901.100	DNA topoisomerase III, putative	0,1451	0,1199
TcCLB.508699.100	surface protease GP63, putative	0,1451	0,3903
TcCLB.508541.120	trans-sialidase (pseudogene), putative	0,1449	0,7427
TcCLB.509797.20	hypothetical protein, conserved	0,1447	0,2504

TcCLB.507911.30	dispersed gene family protein 1 (DGF-1), putative	0,1446	0,4498
TcCLB.508741.415	hypothetical protein, conserved (pseudogene)	0,1445	0,3971
TcCLB.459619.10	hypothetical protein, conserved (pseudogene)	0,1445	0,6244
TcCLB.506871.20	hypothetical protein, conserved	0,1444	0,1319
TcCLB.510101.250	hypothetical protein, conserved	0,1444	0,2134
TcCLB.509721.50	hypothetical protein	0,1442	0,3179
TcCLB.509683.130	aminopeptidase, putative	0,1441	0,2547
TcCLB.509179.200	hypothetical protein, conserved	0,1441	0,5135
TcCLB.506737.30	hypothetical protein, conserved	0,1439	0,2331
TcCLB.507681.80	hypothetical protein	0,1438	0,1537
TcCLB.503929.20	ribosomal protein L13, putative	0,1438	0,4121
TcCLB.511663.50	dispersed gene family protein 1 (DGF-1), putative	0,1438	0,7305
TcCLB.510759.4	hypothetical protein, conserved	0,1437	0,296
TcCLB.503465.40	hypothetical protein	0,1437	0,3083
TcCLB.506053.60	hypothetical protein (fragment)	0,1435	0,3125
TcCLB.504035.130	hypothetical protein, conserved	0,1432	0,2743
TcCLB.508569.10	hypothetical protein, conserved	0,1432	0,6819
TcCLB.457251.19	hypothetical protein, conserved (fragment)	0,143	0,4347
TcCLB.509205.110	elongation factor G2-like protein, putative	0,143	0,6709
TcCLB.508285.5	trans-sialidase (pseudogene), putative	0,1428	0,5612
TcCLB.506757.10	phospholipid:diacylglycerol acyltransferase, putative	0,1427	0,1019
TcCLB.508469.10	hypothetical protein, conserved	0,1427	0,4832
TcCLB.504867.30	hypothetical protein, conserved	0,1427	0,5365
TcCLB.511229.110	glycyl-tRNA synthetase, putative	0,1426	0,1041
TcCLB.509943.11	cAMP specific phosphodiesterase, putative	0,1426	0,6433
TcCLB.503733.10	hypothetical protein, conserved	0,1425	0,3471
TcCLB.503399.10	hypothetical protein, conserved	0,1424	0,3308
TcCLB.511575.50	hypothetical protein, conserved	0,1422	0,07862
TcCLB.510769.150	hypothetical protein, conserved	0,1422	0,1673
TcCLB.506885.60	hypothetical protein, conserved	0,1422	0,1764
TcCLB.509225.30	trans-sialidase (pseudogene), putative	0,1421	0,2692
TcCLB.511627.60	vesicle-associated membrane protein	0,1419	0,2232
TcCLB.510791.30	mucin-associated surface protein (MASP, pseudogene), pu	0,1418	0,2159
TcCLB.510439.61	heat shock 70 kDa protein, putative (fragment)	0,1415	0,1562
TcCLB.508387.90	paraflagellar rod protein, putative	0,1414	0,1493
TcCLB.511805.29	2,3-bisphosphoglycerate-independent phosphoglycerate r	0,1414	0,517
TcCLB.506457.130	hypothetical protein, conserved	0,1412	0,1948
TcCLB.506561.20	retrotransposon hot spot protein (RHS, pseudogene), puta	0,1412	0,3532
TcCLB.506529.460	hypothetical protein, conserved	0,1411	0,1867
TcCLB.507225.10	retrotransposon hot spot (RHS) protein, putative	0,1408	0,2124
TcCLB.508355.300	hypothetical protein, conserved	0,1408	0,2841
TcCLB.510311.30	hypothetical protein, conserved	0,1407	0,1895
TcCLB.510595.20	hypothetical protein, conserved	0,1407	0,3241
TcCLB.508297.30	hypothetical protein, conserved	0,1406	0,2525
TcCLB.506821.10	hypothetical protein	0,1405	0,2713

TcCLB.506835.20	hypothetical protein	0,1403	0,1564
TcCLB.509069.40	hypothetical protein	0,1402	0,2128
TcCLB.506537.230	hypothetical protein, conserved	0,1402	0,5457
TcCLB.510661.270	replication factor C, subunit 3, putative	0,14	0,2929
TcCLB.511469.10	hypothetical protein, conserved	0,14	0,4513
TcCLB.509611.110	RNA-editing complex protein, putative	0,1399	0,2656
TcCLB.509493.120	hypothetical protein	0,1397	0,4893
TcCLB.476725.9	dispersed gene family protein 1 (DGF-1), putative (fragment)	0,1397	0,5825
TcCLB.508799.104	hypothetical protein, conserved	0,1396	0,3852
TcCLB.504033.220	palmitoyl acyltransferase 1, putative	0,1395	0,146
TcCLB.506885.110	hypothetical protein, conserved	0,1393	0,09593
TcCLB.511813.30	proteasome regulatory ATPase subunit 5, putative	0,1393	0,2572
TcCLB.509289.5	tuzin (fragment)	0,1392	0,04354
TcCLB.510431.170	hypothetical protein, conserved	0,1392	0,1991
TcCLB.510163.20	elongation factor 1-gamma (EF-1-gamma), putative	0,1392	0,249
TcCLB.507049.100	mitochondrial RNA binding protein, putative	0,139	0,2484
TcCLB.508267.10	hypothetical protein, conserved	0,1389	0,1348
TcCLB.506927.30	hypothetical protein, conserved (fragment)	0,1389	0,3889
TcCLB.504425.110	permease-like protein, putative	0,1387	0,3931
TcCLB.504071.100	hypothetical protein, conserved	0,1386	0,1416
TcCLB.510029.10	hypothetical protein, conserved (pseudogene)	0,1386	0,4145
TcCLB.503527.60	hypothetical protein, conserved	0,1384	0,3004
TcCLB.507991.10	hypothetical protein, conserved	0,1384	0,3829
TcCLB.511837.70	mitogen activated protein kinase, putative	0,1383	0,1293
TcCLB.510797.4	phosphatidylinositol (3,5) kinase, putative (fragment)	0,1383	0,3957
TcCLB.506801.30	hypothetical protein	0,1383	0,4031
TcCLB.508153.340	ATP-dependent 6-phosphofructokinase, glycosomal (PFK)	0,1382	0,2849
TcCLB.508899.10	proteasome regulatory non-ATP-ase subunit 9, putative (f	0,1382	0,3
TcCLB.510283.160	hypothetical protein, conserved	0,138	0,3292
TcCLB.510299.60	hypothetical protein, conserved	0,1379	0,4068
TcCLB.444777.29	intraflagellar transport protein 88, putative (fragment) (IF	0,1378	0,2692
TcCLB.509935.20	hypothetical protein, conserved	0,1377	0,1844
TcCLB.507603.54	hypothetical protein, conserved	0,1374	0,4371
TcCLB.506819.20	hypothetical protein	0,1371	0,4737
TcCLB.503627.20	protein kinase, putative	0,1368	0,1246
TcCLB.506999.30	hypothetical protein, conserved	0,1368	0,1462
TcCLB.511283.220	hypothetical protein, conserved	0,1368	0,1645
TcCLB.507019.60	hypothetical protein, conserved	0,1367	0,1741
TcCLB.507663.80	hypothetical protein, conserved	0,1367	0,2249
TcCLB.506525.162	hypothetical protein, conserved	0,1367	0,4513
TcCLB.510345.30	hypothetical protein	0,1367	0,4734
TcCLB.508317.70	hypothetical protein	0,1366	0,1271
TcCLB.507691.61	trans-sialidase (pseudogene), putative	0,1366	0,4353
TcCLB.509127.70	hypothetical protein, conserved	0,1365	0,2259
TcCLB.506211.30	intraflagellar transport protein 80, putative (IFT80)	0,1365	0,2613

TcCLB.508879.50	hypothetical protein	0,1365	0,2664
TcCLB.508961.30	trafficking protein particle complex subunit 3, putative	0,1365	0,4833
TcCLB.506797.120	hypothetical protein, conserved	0,1364	0,1862
TcCLB.506241.50	hypothetical protein, conserved	0,1364	0,2459
TcCLB.511351.41	choline/carnitine O-acyltransferase, putative	0,1364	0,5292
TcCLB.504105.120	hypothetical protein, conserved	0,136	0,08653
TcCLB.504741.50	hypothetical protein, conserved	0,1359	0,3038
TcCLB.511739.20	hypothetical protein, conserved	0,1358	0,2162
TcCLB.505333.20	ATP-dependent DEAD/H RNA helicase (pseudogene), puta	0,1358	0,7065
TcCLB.511727.50	hypothetical protein, conserved	0,1357	0,1107
TcCLB.511507.70	calpain-like cysteine peptidase, putative	0,1357	0,3519
TcCLB.508479.213	hypothetical protein, conserved	0,1354	0,4836
TcCLB.509875.140	retrotransposon hot spot protein (RHS, pseudogene), puta	0,1354	0,6653
TcCLB.508913.25	trans-sialidase, Group I, putative	0,1354	0,7259
TcCLB.508681.20	hypothetical protein	0,1354	0,7576
TcCLB.509207.20	histone H2A, putative	0,1354	0,7697
TcCLB.505231.10	dynein heavy chain, putative	0,1353	0,208
TcCLB.510791.60	mucin-associated surface protein (MASP, pseudogene), pi	0,1352	0,4598
TcCLB.511717.20	hypothetical protein, conserved	0,1351	0,1922
TcCLB.509461.30	hypothetical protein, conserved	0,1351	0,2291
TcCLB.508307.110	hypothetical protein, conserved	0,135	0,07506
TcCLB.511633.60	structural maintenance of chromosome (SMC), putative	0,135	0,09422
TcCLB.506887.69	dual specificity protein phosphatase, putative	0,135	0,2889
TcCLB.507927.50	metallo-beta-lactamase superfamily, putative	0,135	0,3743
TcCLB.507031.80	hypothetical protein, conserved	0,1349	0,09871
TcCLB.508643.9	pre-mRNA-splicing factor ATP-dependent RNA helicase, p	0,1349	0,247
TcCLB.506457.40	hypoxanthine-guanine phosphoribosyltransferase, putative	0,1349	0,2497
TcCLB.504045.120	hypothetical protein, conserved	0,1348	0,24
TcCLB.509767.210	vesicle transport v-SNARE 11, putative	0,1348	0,304
TcCLB.507937.14	mucin TcMUCII (pseudogene), putative	0,1346	0,7261
TcCLB.503525.4	hypothetical protein, conserved	0,1345	0,1963
TcCLB.507857.30	hypothetical protein, conserved	0,1345	0,1994
TcCLB.506201.30	serine/threonine-protein phosphatase PP1 beta	0,1345	0,2237
TcCLB.510509.20	hypothetical protein, conserved	0,1345	0,2336
TcCLB.507017.60	hypothetical protein, conserved	0,1344	0,2664
TcCLB.506217.10	hypothetical protein	0,1342	0,6013
TcCLB.511487.51	hypothetical protein	0,1342	0,6904
TcCLB.504427.50	AMPK subunit beta, putative (AMPKB)	0,1341	0,2838
TcCLB.505075.30	hypothetical protein, conserved	0,1341	0,3744
TcCLB.507017.30	hypothetical protein, conserved	0,134	0,3919
TcCLB.510889.110	primase 2, putative	0,1339	0,2481
TcCLB.504081.342	hypothetical protein (pseudogene)	0,1339	0,7517
TcCLB.508207.210	hypothetical protein, conserved	0,1338	0,3584
TcCLB.511571.49	nucleoside phosphatase, putative	0,1337	0,09215
TcCLB.507519.170	hypothetical protein, conserved	0,1337	0,2568

TcCLB.506531.40	hypothetical protein, conserved	0,1337	0,3196
TcCLB.510597.20	hypothetical protein, conserved	0,1336	0,3569
TcCLB.508989.70	hypothetical protein, conserved	0,1334	0,2262
TcCLB.511817.60	hypothetical protein, conserved	0,1334	0,3504
TcCLB.503595.19	ATP-dependent DEAD/H RNA helicase, putative (fragment	0,1333	0,3226
TcCLB.507257.140	hypothetical protein, conserved	0,1331	0,3458
TcCLB.508881.10	hypothetical protein, conserved	0,1331	0,438
TcCLB.503653.20	hypothetical protein, conserved	0,1331	0,5058
TcCLB.503593.70	eukaryotic peptide chain release factor subunit 1, putative	0,1329	0,2527
TcCLB.511737.80	hypothetical protein	0,1329	0,3552
TcCLB.507059.60	orotidine-5-phosphate decarboxylase/orotate phosphoribc	0,1328	0,2543
TcCLB.509695.120	epsilon tubulin, putative	0,1328	0,2993
TcCLB.422921.10	hypothetical protein, conserved	0,1328	0,4341
TcCLB.504261.30	trans-sialidase (pseudogene), putative	0,1328	0,7109
TcCLB.506529.535	hypothetical protein, conserved	0,1326	0,7863
TcCLB.506871.80	RNA polymerase-like protein, putative	0,1325	0,4011
TcCLB.509723.10	protein kinase, putative	0,1324	0,5732
TcCLB.511881.40	protein transport protein Sec24C, putative	0,1321	0,2464
TcCLB.506485.70	hypothetical protein, conserved	0,1319	0,2557
TcCLB.507511.30	RNA guanylyltransferase, putative	0,1319	0,2697
TcCLB.503915.9	hypothetical protein, conserved (fragment)	0,1319	0,2753
TcCLB.508641.230	hypothetical protein, conserved	0,1318	0,2061
TcCLB.507505.20	DnaJ chaperone protein (pseudogene), putative	0,1318	0,2895
TcCLB.507805.20	hypothetical protein	0,1318	0,35
TcCLB.504147.180	hypothetical protein, conserved	0,1318	0,4267
TcCLB.511577.130	poly(A) export protein, putative	0,1317	0,3367
TcCLB.506297.10	hypothetical protein	0,1316	0,1827
TcCLB.509895.110	hypothetical protein, conserved	0,1316	0,6294
TcCLB.506159.30	dispersed gene family protein 1 (DGF-1), putative	0,1316	0,6299
TcCLB.509237.140	calpain-like cysteine peptidase, putative	0,1315	0,3258
TcCLB.509401.30	cysteine peptidase, putative	0,1314	0,0777
TcCLB.508349.20	tRNA nucleotidyltransferase, putative	0,1314	0,2181
TcCLB.508625.30	ARP2/3 complex subunit, putative	0,1314	0,5048
TcCLB.511233.70	hypothetical protein, conserved	0,1312	0,1385
TcCLB.510265.20	26S protease regulatory subunit, putative	0,1312	0,1611
TcCLB.508347.120	hypothetical protein, conserved	0,1312	0,2015
TcCLB.510121.90	hypothetical protein, conserved	0,1312	0,2153
TcCLB.503983.10	hypothetical protein, conserved	0,1311	0,4914
TcCLB.506925.170	hypothetical protein, conserved	0,1311	0,7632
TcCLB.511585.320	retrotransposon hot spot (RHS) protein, putative	0,1309	0,2483
TcCLB.503793.10	2-oxoglutarate dehydrogenase subunit, putative	0,1307	0,3836
TcCLB.507093.160	hypothetical protein, conserved	0,1306	0,2713
TcCLB.506857.30	hypothetical protein, conserved	0,1306	0,374
TcCLB.507677.70	hypothetical protein, conserved	0,1303	0,3061
TcCLB.506697.40	helicase, putative	0,1302	0,1777



TcCLB.508141.40	ATP-dependent RNA helicase, putative	0,1301	0,07543
TcCLB.509213.80	hypothetical protein, conserved	0,1301	0,3741
TcCLB.508719.60	kinetoplast DNA-associated protein, putative	0,1301	0,4718
TcCLB.503781.30	hypothetical protein, conserved	0,1301	0,5933
TcCLB.511423.90	zeta tubulin, putative	0,13	0,2711
TcCLB.508409.30	DNA-directed RNA polymerase II subunit 3, putative (RPB1)	0,1298	0,188
TcCLB.510877.140	hypothetical protein, conserved	0,1298	0,3298
TcCLB.511003.120	hypothetical protein, conserved	0,1298	0,4168
TcCLB.510377.210	trans-sialidase (pseudogene), putative	0,1298	0,7082
TcCLB.506661.90	hypothetical protein, conserved	0,1297	0,24
TcCLB.507603.190	hypothetical protein, conserved	0,1297	0,2687
TcCLB.507841.14	retrotransposon hot spot (RHS) protein, putative (fragmer)	0,1295	0,354
TcCLB.503697.50	hypothetical protein, conserved	0,1294	0,1469
TcCLB.441923.10	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, $\beta$	0,1294	0,444
TcCLB.511903.290	hypothetical protein, conserved	0,1292	0,1238
TcCLB.479961.20	retrotransposon hot spot protein (RHS, pseudogene), puta	0,129	0,457
TcCLB.503797.20	centrin (pseudogene), putative	0,1287	0,4943
TcCLB.511229.70	hypothetical protein, conserved	0,1286	0,4037
TcCLB.511635.80	hypothetical protein, conserved	0,1284	0,4008
TcCLB.511643.4	hypothetical protein, conserved	0,1284	0,637
TcCLB.509985.50	PrimPol-like protein 1, putative (ppl1)	0,1283	0,2311
TcCLB.507623.90	hypothetical protein, conserved	0,1282	0,2173
TcCLB.509979.60	sec1 family transport protein, putative	0,128	0,3081
TcCLB.503495.10	dispersed gene family protein 1 (DGF-1), putative	0,128	0,5344
TcCLB.509259.130	protein kinase, putative	0,128	0,7698
TcCLB.508257.250	hypothetical protein, conserved	0,1279	0,06353
TcCLB.511867.209	dynein heavy chain, putative (fragment)	0,1279	0,2598
TcCLB.508741.250	hypothetical protein	0,1278	0,1914
TcCLB.510579.14	hypothetical protein, conserved	0,1277	0,2684
TcCLB.507723.110	acetyltransferase, putative	0,1277	0,3258
TcCLB.506619.10	sedoheptulose-1,7-bisphosphatase, putative	0,1277	0,3495
TcCLB.511001.110	hypothetical protein, conserved	0,1277	0,3944
TcCLB.508209.90	10 kDa heat shock protein, putative	0,1277	0,776
TcCLB.510297.70	hypothetical protein	0,1276	0,3235
TcCLB.503801.79	hypothetical protein, conserved	0,1276	0,4394
TcCLB.510517.100	hypothetical protein, conserved	0,1275	0,363
TcCLB.508199.80	EF hand, putative	0,1274	0,2527
TcCLB.475705.9	hypothetical protein, conserved	0,1274	0,4013
TcCLB.469435.10	hypothetical protein, conserved	0,1274	0,4114
TcCLB.507519.40	hypothetical protein	0,1273	0,2291
TcCLB.508205.10	hypothetical protein, conserved	0,1273	0,3826
TcCLB.504797.120	hypothetical protein, conserved	0,1273	0,4238
TcCLB.509917.6	ATP-dependent DEAD/H RNA helicase (pseudogene), puta	0,1273	0,53
TcCLB.510595.58	hypothetical protein, conserved	0,1273	0,6192
TcCLB.507723.160	hypothetical protein, conserved	0,1272	0,1975

TcCLB.507795.90	hypothetical protein, conserved	0,1272	0,4462
TcCLB.509109.190	hypothetical protein, conserved	0,1271	0,4301
TcCLB.509503.9	dispersed gene family protein 1 (DGF-1), putative (fragm	0,1271	0,6893
TcCLB.506247.70	nuclear pore complex protein (NUP155), putative	0,127	0,1037
TcCLB.508965.100	hypothetical protein, conserved	0,127	0,1984
TcCLB.506213.100	hypothetical protein, conserved	0,1268	0,3234
TcCLB.506925.260	protein kinase, putative	0,1268	0,3248
TcCLB.508989.30	RNA-binding protein, putative	0,1267	0,2397
TcCLB.511421.20	Non cytoplasmic domain containing protein, conserved	0,1266	0,2759
TcCLB.509233.40	hypothetical protein, conserved	0,1266	0,3891
TcCLB.506227.180	ras-related protein RAB5B, putative (RAB5B)	0,1265	0,2117
TcCLB.507951.270	LETM1 and EF-hand domain-containing protein 1, putative	0,1265	0,234
TcCLB.508407.10	membrane associated protein, putative	0,1265	0,3593
TcCLB.510329.340	hypothetical protein, conserved	0,1264	0,3127
TcCLB.509037.30	hypothetical protein, conserved	0,1263	0,3471
TcCLB.508421.40	hypothetical protein, conserved (pseudogene)	0,1263	0,7401
TcCLB.506577.110	hypothetical protein, conserved	0,1262	0,4996
TcCLB.507867.70	prefoldin subunit, putative	0,1261	0,4618
TcCLB.508349.10	hypothetical protein, conserved	0,126	0,3683
TcCLB.511871.4	dynein heavy chain, putative	0,1258	0,4673
TcCLB.503999.70	ras-family member, GTP-binding protein, putative	0,1257	0,221
TcCLB.503425.10	hypothetical protein, conserved	0,1254	0,3111
TcCLB.503421.20	hypothetical protein, conserved (pseudogene)	0,1254	0,4565
TcCLB.510221.30	hypothetical protein, conserved	0,1253	0,1377
TcCLB.510101.200	zinc finger ccch and cchc domain-containing protein	0,1253	0,2309
TcCLB.510969.4	hypothetical protein	0,1253	0,6309
TcCLB.509769.130	DNA polymerase zeta catalytic subunit, putative	0,125	0,1109
TcCLB.508257.80	hypothetical protein, conserved	0,125	0,1523
TcCLB.506241.150	hypothetical protein	0,125	0,3
TcCLB.511265.10	dispersed gene family protein 1 (DGF-1, pseudogene), put	0,125	0,4615
TcCLB.509805.130	prolyl-tRNA synthetase, putative	0,1249	0,1363
TcCLB.510303.230	hypothetical protein, conserved	0,1247	0,213
TcCLB.508741.300	proteasome regulatory non-ATPase subunit 6, putative	0,1246	0,2157
TcCLB.503885.60	hypothetical protein, conserved	0,1246	0,2993
TcCLB.511389.90	hypothetical protein, conserved	0,1246	0,3839
TcCLB.509151.80	hypothetical protein, conserved	0,1246	0,3939
TcCLB.419417.19	hypothetical protein, conserved	0,1245	0,5881
TcCLB.506175.80	hypothetical protein, conserved	0,1243	0,5007
TcCLB.508547.110	ATP-dependent DEAD/H RNA helicase, putative	0,1242	0,19
TcCLB.509369.40	dispersed gene family protein 1 (DGF-1, pseudogene), put	0,1242	0,6572
TcCLB.510861.80	hypothetical protein	0,1241	0,3226
TcCLB.509999.110	serine/threonine-protein kinase, putative	0,1241	0,3332
TcCLB.506445.80	hypothetical protein, conserved	0,1241	0,3418
TcCLB.509695.10	aspartyl-tRNA synthetase, putative	0,124	0,2876
TcCLB.506925.500	hypothetical protein, conserved	0,1239	0,2335

TcCLB.508625.100	hypothetical protein, conserved (pseudogene)	0,1238	0,2889
TcCLB.511633.20	hypothetical protein, conserved	0,1238	0,3121
TcCLB.504899.30	hypothetical protein	0,1238	0,4519
TcCLB.506015.50	hypothetical protein (pseudogene)	0,1238	0,7129
TcCLB.509795.89	phosphoprotein lepp12, putative	0,1236	0,361
TcCLB.506829.20	hypothetical protein, conserved	0,1235	0,2349
TcCLB.505807.190	polynucleotide kinase 3'-phosphatase, putative	0,1235	0,3753
TcCLB.507515.20	hypothetical protein, conserved	0,1234	0,1517
TcCLB.507087.40	kinesin, putative	0,1234	0,1936
TcCLB.511727.280	hypothetical protein, conserved	0,1233	0,1642
TcCLB.480975.10	hypothetical protein, conserved	0,1233	0,3529
TcCLB.511145.80	RNA polymerase II, putative	0,1233	0,408
TcCLB.510431.200	LisH domain-containing protein FOPNL, putative (fopnl)	0,1232	0,3596
TcCLB.511049.20	hypothetical protein, conserved	0,1232	0,372
TcCLB.508543.120	hypothetical protein, conserved	0,1232	0,499
TcCLB.505193.40	SUMO1/Ulp2, putative	0,1231	0,2306
TcCLB.504147.340	hypothetical protein, conserved	0,123	0,1597
TcCLB.506559.270	sarcoplasmic reticulum glycoprotein, putative	0,1229	0,1492
TcCLB.506945.120	chromosomal passenger protein, putative (CPC1)	0,1228	0,3074
TcCLB.509253.10	hypothetical protein, conserved	0,1228	0,3404
TcCLB.508831.90	hypothetical protein, conserved	0,1228	0,489
TcCLB.509163.50	hypothetical protein	0,1228	0,6693
TcCLB.503865.60	hypothetical protein, conserved	0,1227	0,2861
TcCLB.510221.10	RNA pseudouridylate synthase, putative	0,1227	0,2997
TcCLB.474341.9	dynein heavy chain, putative	0,1226	0,2845
TcCLB.507681.250	hypothetical protein, conserved	0,1225	0,3504
TcCLB.503433.20	hypothetical protein, conserved	0,1224	0,3522
TcCLB.510717.30	2-oxoglutarate dehydrogenase E1 component, putative	0,1223	0,1684
TcCLB.511803.70	hypothetical protein, conserved	0,1223	0,3859
TcCLB.511001.100	SNF-7-like protein, putative	0,1221	0,3176
TcCLB.509047.70	hypothetical protein, conserved	0,122	0,432
TcCLB.509011.70	adrenodoxin precursor, putative	0,122	0,4869
TcCLB.511255.625	surface protease GP63 (pseudogene), putative	0,122	0,8261
TcCLB.511863.20	hypothetical protein, conserved	0,1219	0,3145
TcCLB.508257.200	hypothetical protein, conserved	0,1218	0,2017
TcCLB.506811.70	hypothetical protein	0,1216	0,2323
TcCLB.510879.200	hypothetical protein, conserved	0,1216	0,4204
TcCLB.508689.40	hypothetical protein, conserved	0,1215	0,1953
TcCLB.506155.110	hypothetical protein, conserved	0,1213	0,3119
TcCLB.509877.20	hypothetical protein, conserved	0,1212	0,2928
TcCLB.507857.40	ATP-dependent DEAD/H RNA helicase, putative	0,121	0,1993
TcCLB.504121.10	KU70 protein, putative	0,1208	0,4145
TcCLB.506919.130	retrotransposon hot spot protein (RHS, pseudogene), puta	0,1208	0,7208
TcCLB.506493.40	hypothetical protein, conserved	0,1207	0,2963
TcCLB.507843.10	retrotransposon hot spot (RHS) protein, putative	0,1207	0,4274

TcCLB.511537.50	chaperone DNAJ protein, putative	0,1206	0,2734
TcCLB.466529.9	hypothetical protein, conserved	0,1206	0,4771
TcCLB.507119.20	hypothetical protein, conserved (pseudogene)	0,1205	0,2483
TcCLB.505123.4	ATP-dependent RNA helicase, putative (fragment)	0,1205	0,2721
TcCLB.511071.45	tuzin-like (pseudogene), putative	0,1205	0,2979
TcCLB.507739.70	hypothetical protein, conserved	0,1204	0,2783
TcCLB.511589.20	hypothetical protein	0,1204	0,3883
TcCLB.510357.150	hypothetical protein, conserved	0,1203	0,3925
TcCLB.506369.9	hypothetical protein, conserved	0,1202	0,5482
TcCLB.504089.50	flagellar radial spoke component, putative	0,12	0,2881
TcCLB.511367.354	U1 small nuclear ribonucleoprotein C, putative	0,1198	0,4179
TcCLB.506885.124	Enriched in surface-labeled proteome protein 19 (SLS3)	0,1197	0,295
TcCLB.508987.39	hypothetical protein, conserved	0,1197	0,3196
TcCLB.507895.80	hypothetical protein, conserved	0,1195	0,3053
TcCLB.506337.220	hypothetical protein	0,1195	0,4492
TcCLB.508857.80	hypothetical protein, conserved	0,1194	0,4937
TcCLB.509571.60	hypothetical protein, conserved	0,1192	0,3411
TcCLB.507601.20	hypothetical protein, conserved	0,1192	0,5593
TcCLB.507677.110	hypothetical protein	0,1191	0,2569
TcCLB.508205.39	dynein light chain, putative	0,1191	0,3406
TcCLB.507603.100	hypothetical protein, conserved	0,119	0,381
TcCLB.509717.100	membrane-bound acid phosphatase 2, putative	0,1188	0,2467
TcCLB.508479.240	hypothetical protein, conserved	0,1188	0,2854
TcCLB.511353.40	eukaryotic translation initiation factor 4E (eIF4E) interacti	0,1188	0,3438
TcCLB.510767.69	hypothetical protein, conserved	0,1186	0,53
TcCLB.460061.10	hypothetical protein (fragment)	0,1186	0,5979
TcCLB.437575.18	transporter, putative	0,1185	0,5475
TcCLB.511727.310	Leucine-rich repeat-containing protein ODA7 (ODA7)	0,1184	0,2966
TcCLB.508949.40	hypothetical protein, conserved	0,1184	0,4133
TcCLB.504149.150	hypothetical protein, conserved	0,1182	0,1691
TcCLB.508889.19	hypothetical protein	0,1181	0,3889
TcCLB.505975.41	retrotransposon hot spot protein (RHS, pseudogene), puta	0,118	0,3219
TcCLB.510181.40	hypothetical protein, conserved	0,118	0,5736
TcCLB.509199.10	Elongation factor G 2, mitochondrial, putative (EF-G2)	0,1179	0,2645
TcCLB.506113.10	retrotransposon hot spot protein (RHS, pseudogene), puta	0,1179	0,3597
TcCLB.511419.80	phosphatidylinositol-4-phosphate 5-kinase related	0,1179	0,4302
TcCLB.506743.190	hypothetical protein, conserved	0,1179	0,4524
TcCLB.509667.31	hypothetical protein, conserved (pseudogene)	0,1179	0,5999
TcCLB.509849.20	hypothetical protein, conserved	0,1177	0,2684
TcCLB.506925.280	hypothetical protein, conserved	0,1177	0,3791
TcCLB.506893.70	hypothetical protein, conserved	0,1176	0,3995
TcCLB.511217.70	hypothetical protein, conserved	0,1175	0,2059
TcCLB.508817.40	hypothetical protein, conserved	0,1175	0,2512
TcCLB.506529.330	hypothetical protein, conserved	0,1175	0,4674
TcCLB.505065.30	carnitine O-palmitoyltransferase (pseudogene), putative	0,1175	0,7366

TcCLB.511741.50	C-1-tetrahydrofolate synthase, cytoplasmic, putative	0,1173	0,4283
TcCLB.510797.10	2-oxoglutarate dehydrogenase subunit, putative	0,1172	0,4082
TcCLB.510091.130	hypothetical protein, conserved	0,117	0,2494
TcCLB.508317.60	hypothetical protein, conserved	0,117	0,4657
TcCLB.508479.450	hypothetical protein, conserved (pseudogene)	0,1169	0,4858
TcCLB.504867.50	hypothetical protein, conserved	0,1168	0,2659
TcCLB.507009.130	hypothetical protein, conserved	0,1167	0,2813
TcCLB.507723.140	hypothetical protein, conserved	0,1167	0,4152
TcCLB.511217.150	hypothetical protein, conserved	0,1166	0,4341
TcCLB.510123.60	hypothetical protein, conserved	0,1164	0,3552
TcCLB.508347.100	hypothetical protein, conserved	0,1163	0,2685
TcCLB.509877.10	hypothetical protein, conserved	0,1163	0,4032
TcCLB.503399.29	hydrolase-like protein	0,1163	0,5748
TcCLB.504159.30	hypothetical protein, conserved	0,1162	0,3831
TcCLB.509979.40	hypothetical protein, conserved	0,1161	0,4123
TcCLB.507837.40	hypothetical protein, conserved	0,1161	0,4499
TcCLB.509069.14	hypothetical protein, conserved	0,116	0,3716
TcCLB.510659.100	hypothetical protein, conserved	0,1159	0,4796
TcCLB.510311.60	hypothetical protein, conserved	0,1156	0,1905
TcCLB.505989.78	hypothetical protein, conserved	0,1156	0,4338
TcCLB.508173.230	hypothetical protein, conserved	0,1155	0,2954
TcCLB.508667.30	hypothetical protein, conserved	0,1154	0,3701
TcCLB.506825.180	protein kinase, putative	0,1153	0,1793
TcCLB.507601.90	hypothetical protein, conserved	0,1153	0,3175
TcCLB.510579.60	heat shock protein, putative	0,1153	0,3472
TcCLB.507579.30	surface protease GP63 (pseudogene), putative	0,1153	0,7197
TcCLB.506111.20	dispersed gene family protein 1 (DGF-1), putative	0,1152	0,5295
TcCLB.507257.180	hypothetical protein	0,115	0,2625
TcCLB.511409.50	hypothetical protein, conserved	0,1149	0,3543
TcCLB.506265.45	chaperone DNAJ protein, putative	0,1148	0,4865
TcCLB.508117.30	elongation factor 1-gamma (EF-1-gamma, pseudogene),	0,1146	0,632
TcCLB.506241.70	calcium motive p-type ATPase, putative	0,1143	0,2143
TcCLB.508113.14	mucin TcMUC (pseudogene), putative	0,1143	0,5903
TcCLB.503455.30	hypothetical protein, conserved	0,1142	0,3157
TcCLB.507045.5	trans-sialidase (pseudogene), putative	0,1141	0,7841
TcCLB.506595.120	trans-sialidase (pseudogene), putative	0,1139	0,3994
TcCLB.506067.189	trans-sialidase (pseudogene), putative	0,1139	0,7127
TcCLB.508139.120	hypothetical protein	0,1139	0,7339
TcCLB.510609.90	hypothetical protein, conserved	0,1138	0,2625
TcCLB.507611.320	hypothetical protein, conserved	0,1138	0,4321
TcCLB.506215.10	hypothetical protein	0,1137	0,6505
TcCLB.509167.60	hypothetical protein, conserved	0,1135	0,2581
TcCLB.511449.40	mucin TcMUCII (pseudogene), putative	0,1135	0,7225
TcCLB.511277.480	hypothetical protein, conserved	0,1132	0,3146
TcCLB.506203.20	dynein light chain, putative	0,1132	0,3607

TcCLB.508357.30	hypothetical protein, conserved	0,1131	0,4241
TcCLB.506175.60	GTPase activator protein, putative	0,1129	0,312
TcCLB.506811.140	hypothetical protein, conserved	0,1129	0,3315
TcCLB.507277.10	hypothetical protein, conserved	0,1129	0,3931
TcCLB.507881.30	glycine dehydrogenase [decarboxylating] (pseudogene), p	0,1126	0,6853
TcCLB.508887.30	hypothetical protein	0,1126	0,699
TcCLB.503617.15	U6 snRNA-associated Sm-like protein LSm3p	0,1119	0,6484
TcCLB.509161.60	hypothetical protein, conserved	0,1118	0,2736
TcCLB.510099.100	hypothetical protein, conserved	0,1117	0,2761
TcCLB.508013.120	elongation factor 1-alpha (ef-1-alpha), putative	0,1116	0,756
TcCLB.510877.60	ruvB-like DNA helicase, putative (RUVBL)	0,1114	0,1879
TcCLB.510073.80	hypothetical protein, conserved	0,1114	0,255
TcCLB.504507.10	hypothetical protein, conserved	0,1114	0,4267
TcCLB.507519.90	hypothetical protein, conserved	0,1113	0,4363
TcCLB.511313.20	hypothetical protein, conserved	0,1112	0,4029
TcCLB.506211.50	membrane protein, putative	0,1112	0,449
TcCLB.506999.40	metacaspase 5, putative	0,111	0,2557
TcCLB.506627.110	hypothetical protein, conserved	0,111	0,27
TcCLB.505989.70	surface protease GP63, putative	0,111	0,4091
TcCLB.504171.30	hypothetical protein, conserved	0,1109	0,2693
TcCLB.504251.20	hypothetical protein, conserved	0,1106	0,4817
TcCLB.507513.100	hypothetical protein, conserved	0,1105	0,3194
TcCLB.511321.40	hypothetical protein, conserved	0,1105	0,3389
TcCLB.504109.40	hypothetical protein, conserved	0,1105	0,3961
TcCLB.511295.70	hypothetical protein, conserved (fragment)	0,1105	0,7616
TcCLB.511577.70	hypothetical protein, conserved	0,1104	0,3903
TcCLB.509213.100	3-ketoacyl-CoA reductase, putative	0,1102	0,2804
TcCLB.511587.75	hypothetical protein	0,1102	0,7516
TcCLB.508127.9	hypothetical protein, conserved	0,1101	0,3196
TcCLB.511751.180	pseudouridine synthase A-like protein, putative	0,11	0,3799
TcCLB.503789.10	hypothetical protein	0,11	0,5381
TcCLB.503927.9	dynein light intermediate chain, putative	0,1098	0,3299
TcCLB.506941.9	endosomal trafficking protein RME-8, putative	0,1098	0,3596
TcCLB.506223.120	phosphatidylinositol 3-related kinase, putative	0,1097	0,2122
TcCLB.504431.90	U2 small nuclear ribonucleoprotein B, putative	0,1097	0,5396
TcCLB.508237.18	SNF2 DNA repair protein, putative	0,1096	0,3816
TcCLB.506739.10	Eukaryotic translation initiation factor 4 gamma type 1, p	0,1096	0,4223
TcCLB.510491.20	dynein light chain, putative	0,1096	0,5185
TcCLB.510877.120	NADPH-dependent FMN/FAD containing oxidoreductase, p	0,1095	0,3088
TcCLB.511801.70	hypothetical protein, conserved	0,1094	0,3823
TcCLB.510733.60	DNA polymerase epsilon catalytic subunit, putative	0,1093	0,2492
TcCLB.509805.100	hypothetical protein, conserved	0,1093	0,3054
TcCLB.506529.610	hypothetical protein	0,1092	0,6625
TcCLB.511481.20	hypothetical protein, conserved	0,1091	0,5459
TcCLB.510575.150	hypothetical protein, conserved	0,1089	0,2945

TcCLB.507611.110	retrotransposon hot spot (RHS) protein, putative	0,1089	0,4114
TcCLB.506401.190	hypothetical protein, conserved	0,1089	0,4536
TcCLB.508355.40	choline/carnitine O-acetyltransferase, putative	0,1089	0,5371
TcCLB.511439.80	hypothetical protein, conserved	0,1087	0,24
TcCLB.506203.25	hypothetical protein	0,1087	0,3359
TcCLB.509899.110	orotidine-5-phosphate decarboxylase/orotate phosphoribc	0,1086	0,322
TcCLB.504149.201	ATP-dependent DEAD/H RNA helicase (pseudogene), puta	0,1086	0,6424
TcCLB.506629.150	hypothetical protein, conserved	0,1083	0,3801
TcCLB.507519.100	hypothetical protein, conserved	0,1083	0,6013
TcCLB.506479.67	hypothetical protein, conserved	0,1082	0,3304
TcCLB.506777.70	cdc2-related kinase 8, putative (CRK8)	0,1081	0,3221
TcCLB.503887.10	hypothetical protein, conserved	0,1079	0,5118
TcCLB.508465.130	hypothetical protein, conserved	0,1078	0,354
TcCLB.511395.50	hypothetical protein, conserved	0,1076	0,3933
TcCLB.506773.170	hypothetical protein, conserved	0,1074	0,3823
TcCLB.511291.100	Vesicle-trafficking protein SEC22, putative (SEC22)	0,1074	0,4188
TcCLB.508181.20	6-phosphofructo-2-kinase 1	0,1071	0,2827
TcCLB.505965.30	prenyltransferase, putative	0,1071	0,4468
TcCLB.507031.130	hypothetical protein, conserved	0,1069	0,3421
TcCLB.508501.220	hypothetical protein, conserved	0,1069	0,3489
TcCLB.506367.100	hypothetical protein, conserved	0,1069	0,4727
TcCLB.506513.50	protein kinase, putative	0,1068	0,4082
TcCLB.506503.4	transporter, putative	0,1068	0,4418
TcCLB.506145.40	hypothetical protein, conserved	0,1066	0,2444
TcCLB.507165.30	hypothetical protein, conserved	0,1065	0,4327
TcCLB.504109.90	cysteine peptidase, Clan CA, family C12, putative	0,1064	0,4746
TcCLB.509127.104	ARP2/3 complex subunit, putative	0,1064	0,6075
TcCLB.506319.5	hypothetical protein, conserved (fragment)	0,1064	0,6959
TcCLB.509995.29	hypothetical protein, conserved	0,1063	0,5298
TcCLB.509911.80	hypothetical protein, conserved	0,1062	0,4387
TcCLB.506507.40	trans-sialidase (pseudogene), putative	0,106	0,4179
TcCLB.503669.20	hypothetical protein, conserved	0,1057	0,465
TcCLB.511529.30	hypothetical protein, conserved	0,1057	0,4739
TcCLB.510913.10	dispersed gene family protein 1 (DGF-1), putative (fragm	0,1057	0,5833
TcCLB.510421.240	diacylglycerol acyltransferase, putative	0,1056	0,507
TcCLB.510329.300	hypothetical protein, conserved	0,1056	0,5082
TcCLB.507057.50	hypothetical protein, conserved	0,1055	0,3968
TcCLB.509631.100	hypothetical protein, conserved (pseudogene)	0,1054	0,8155
TcCLB.510535.70	hypothetical protein, conserved	0,1053	0,3876
TcCLB.507023.170	hypothetical protein, conserved	0,1053	0,3909
TcCLB.511127.410	hypothetical protein, conserved	0,1052	0,2664
TcCLB.506223.90	hypothetical protein, conserved	0,1052	0,4037
TcCLB.507675.30	hypothetical protein, conserved	0,1051	0,571
TcCLB.508257.210	hypothetical protein, conserved	0,105	0,398
TcCLB.506729.90	hypothetical protein, conserved	0,1049	0,3841

TcCLB.508515.110	hypothetical protein, conserved	0,1048	0,3075
TcCLB.506241.19	dispersed gene family protein 1 (DGF-1), putative	0,1048	0,5955
TcCLB.439301.9	hypothetical protein, conserved	0,1047	0,3227
TcCLB.507089.154	hypothetical protein, conserved	0,1046	0,2224
TcCLB.510121.80	hypothetical protein, conserved	0,1045	0,2994
TcCLB.509103.10	hypothetical protein, conserved	0,1044	0,4143
TcCLB.508461.350	hypothetical protein, conserved	0,1043	0,3382
TcCLB.507053.120	hypothetical protein, conserved	0,1043	0,426
TcCLB.509335.20	retrotransposon hot spot protein (RHS, pseudogene), puta	0,1043	0,5777
TcCLB.506401.100	DNA polymerase sigma, putative	0,1042	0,2214
TcCLB.506959.74	hypothetical protein, conserved	0,1042	0,3443
TcCLB.511349.61	retrotransposon hot spot protein (RHS, pseudogene), puta	0,1041	0,8268
TcCLB.436535.10	hypothetical protein, conserved	0,104	0,5559
TcCLB.511843.35	hypothetical protein	0,104	0,6974
TcCLB.510315.4	hypothetical protein, conserved (fragment)	0,1035	0,53
TcCLB.511323.20	hypothetical protein, conserved	0,1035	0,5563
TcCLB.507305.20	casein kinase, putative	0,1034	0,2657
TcCLB.508699.110	elongation factor G2-like protein, putative	0,1034	0,5456
TcCLB.510265.80	hypothetical protein, conserved	0,1033	0,3608
TcCLB.506393.166	ATP-dependent DEAD/H RNA helicase (pseudogene), puta	0,1033	0,749
TcCLB.504255.50	hypothetical protein, conserved	0,1032	0,4168
TcCLB.511871.130	retrotransposon hot spot (RHS) protein, putative	0,1032	0,4433
TcCLB.507081.120	hypothetical protein, conserved	0,1031	0,4513
TcCLB.507649.50	hypothetical protein, conserved	0,1029	0,2559
TcCLB.503713.20	hypothetical protein, conserved	0,1028	0,539
TcCLB.510783.30	dispersed gene family protein 1 (DGF-1, pseudogene), put	0,1028	0,7527
TcCLB.509537.70	hypothetical protein, conserved	0,1027	0,4151
TcCLB.509109.40	hypothetical protein, conserved	0,1027	0,4607
TcCLB.511867.90	hypothetical protein, conserved	0,1027	0,472
TcCLB.508779.9	hypothetical protein, conserved (fragment)	0,1023	0,4663
TcCLB.437349.10	hypothetical protein, conserved	0,1021	0,5413
TcCLB.511189.100	hypothetical protein, conserved	0,102	0,4373
TcCLB.506679.80	SNF1-related protein kinases, putative	0,1019	0,3397
TcCLB.511903.270	hypothetical protein, conserved	0,1019	0,6204
TcCLB.508409.130	protein transport protein Sec24A, putative	0,1018	0,202
TcCLB.503791.10	TPR-repeat-containing chaperone protein DNAJ, putative (	0,1018	0,4446
TcCLB.477935.9	calpain-like cysteine peptidase (pseudogene), putative	0,1018	0,5215
TcCLB.508247.140	hypothetical protein	0,1018	0,7167
TcCLB.507601.80	hypothetical protein, conserved	0,1017	0,5232
TcCLB.507715.40	GTP-binding elongation factor Tu family, putative	0,1016	0,2518
TcCLB.511817.220	kinesin, putative	0,1016	0,3354
TcCLB.510595.49	hypothetical protein, conserved	0,1015	0,4083
TcCLB.511735.30	hypothetical protein, conserved	0,1015	0,5945
TcCLB.510747.34	hypothetical protein, conserved	0,1014	0,4995
TcCLB.507019.120	hypothetical protein, conserved	0,1013	0,5166



TcCLB.508707.70	hypothetical protein, conserved	0,1012	0,2127
TcCLB.504343.10	trans-sialidase, Group II, putative	0,1012	0,5443
TcCLB.510119.30	hypothetical protein, conserved	0,1011	0,5009
TcCLB.510283.90	hypothetical protein, conserved	0,101	0,3874
TcCLB.507991.70	hypothetical protein, conserved	0,1009	0,4547
TcCLB.510181.140	hypothetical protein, conserved	0,1008	0,5051
TcCLB.506883.69	hypothetical protein, conserved	0,1008	0,637
TcCLB.511321.60	hypothetical protein, conserved	0,1008	0,6923
TcCLB.510231.20	hypothetical protein	0,1007	0,3935
TcCLB.508409.40	Putative intraflagellar transport protein B2 (PIFTB2)	0,1004	0,3522
TcCLB.509951.20	hypothetical protein, conserved	0,1004	0,6882
TcCLB.506627.90	hypothetical protein	0,1003	0,2528
TcCLB.509229.140	hypothetical protein, conserved	0,1003	0,3201
TcCLB.508623.10	trans-sialidase (pseudogene), putative	0,1003	0,3396
TcCLB.506701.29	hypothetical protein, conserved	0,1003	0,557
TcCLB.503717.130	trans-sialidase (pseudogene), putative	0,1003	0,7404
TcCLB.503943.14	hypothetical protein, conserved	0,1002	0,4549
TcCLB.511727.160	hypothetical protein, conserved	0,1001	0,232
TcCLB.511909.70	hypothetical protein, conserved	0,1001	0,5594
TcCLB.511733.40	FUN14 family, putative (POMP32)	0,1001	0,5876
TcCLB.511673.9	hypothetical protein, conserved	0,09985	0,6422
TcCLB.510291.30	protein phosphatase 2C-like, putative	0,09982	0,4898
TcCLB.511109.30	dynein intermediate chain, putative	0,09969	0,4574
TcCLB.510975.40	hypothetical protein, conserved	0,09954	0,2598
TcCLB.511001.160	hypothetical protein, conserved	0,09953	0,3313
TcCLB.511589.150	hypothetical protein, conserved	0,09953	0,5882
TcCLB.509837.20	hypothetical protein, conserved	0,09948	0,2602
TcCLB.509167.10	hypothetical protein, conserved	0,09932	0,3927
TcCLB.511277.180	hypothetical protein, conserved	0,09931	0,3518
TcCLB.510613.20	kinesin, putative	0,09924	0,4262
TcCLB.510517.60	hypothetical protein, conserved	0,09921	0,4856
TcCLB.509179.160	hypothetical protein, conserved	0,09913	0,4226
TcCLB.511525.29	hypothetical protein, conserved	0,0991	0,321
TcCLB.506277.10	mucin-associated surface protein (MASP), putative	0,09909	0,6935
TcCLB.509243.50	sigma-adaptin 3, putative	0,09889	0,5364
TcCLB.507491.90	protein kinase, putative	0,09885	0,4922
TcCLB.509911.60	hypothetical protein	0,09879	0,3343
TcCLB.511925.60	hypothetical protein, conserved	0,09872	0,4891
TcCLB.504149.55	acyl-CoA thioesterase, putative	0,09869	0,2807
TcCLB.511711.80	Ras-related protein RAB2B, putative (RAB2B)	0,09863	0,4328
TcCLB.506677.30	hypothetical protein, conserved	0,09861	0,3948
TcCLB.510661.160	hypothetical protein, conserved	0,09855	0,4883
TcCLB.509641.60	hypothetical protein, conserved	0,09848	0,5536
TcCLB.511321.26	vesicle transport v-SNARE protein, putative	0,09845	0,528
TcCLB.508445.40	hypothetical protein, conserved	0,09837	0,5214

TcCLB.508815.90	hypothetical protein, conserved	0,09829	0,4509
TcCLB.506925.330	hypothetical protein, conserved	0,09816	0,2512
TcCLB.507381.31	retrotransposon hot spot protein (RHS, pseudogene), puta	0,0981	0,4383
TcCLB.511283.294	b9 domain-containing protein 1 (b9d1)	0,09806	0,3349
TcCLB.504149.117	hypothetical protein, conserved	0,098	0,38
TcCLB.510859.40	hypothetical protein, conserved	0,09797	0,5104
TcCLB.510835.30	hypothetical protein, conserved	0,09785	0,5023
TcCLB.506825.120	hypothetical protein, conserved	0,0977	0,2631
TcCLB.510659.44	cysteine desulfurase, putative	0,09763	0,3921
TcCLB.511725.110	hypothetical protein, conserved	0,09746	0,5747
TcCLB.509165.49	damage-specific DNA binding protein, putative	0,09731	0,4682
TcCLB.511587.100	retrotransposon hot spot (RHS) protein, putative	0,09713	0,373
TcCLB.510155.115	hypothetical protein, conserved	0,0969	0,4017
TcCLB.511661.100	protein kinase, putative	0,09676	0,2771
TcCLB.506789.170	ATPase, putative	0,09674	0,4423
TcCLB.508441.50	hypothetical protein, conserved	0,09668	0,6122
TcCLB.510659.219	hypothetical protein, conserved	0,09663	0,4966
TcCLB.508717.20	NADH dehydrogenase, putative	0,09661	0,3895
TcCLB.503689.10	small GTP-binding protein Rab7, putative	0,09657	0,4321
TcCLB.511685.50	hypothetical protein, conserved	0,09634	0,5518
TcCLB.507559.90	hypothetical protein	0,09628	0,2664
TcCLB.506649.80	RNA-binding protein, putative (DRBD3)	0,09622	0,2129
TcCLB.440099.10	hypothetical protein	0,09622	0,5216
TcCLB.481729.20	hypothetical protein, conserved	0,09615	0,7086
TcCLB.510351.130	hypothetical protein, conserved	0,09603	0,5067
TcCLB.510187.430	DNA mismatch repair protein MSH6, putative (MSH6)	0,09595	0,2356
TcCLB.508963.10	Flagellar Member 3 (pseudogene)	0,09594	0,3204
TcCLB.503685.30	carnitine/choline acetyltransferase, putative	0,09594	0,5177
TcCLB.504013.30	hypothetical protein, conserved	0,09578	0,5823
TcCLB.508851.50	hypothetical protein, conserved	0,09573	0,4914
TcCLB.507951.250	tRNA isopentenyltransferase, putative	0,09571	0,4631
TcCLB.508193.20	retrotransposon hot spot protein (RHS, pseudogene), puta	0,09565	0,3059
TcCLB.506821.140	histone deacetylase, putative	0,0956	0,4432
TcCLB.510681.20	myosin heavy chain kinase A, putative	0,09547	0,4843
TcCLB.503401.20	hypothetical protein, conserved	0,09542	0,5961
TcCLB.508515.170	retrotransposon hot spot protein (RHS, pseudogene), puta	0,09541	0,4681
TcCLB.511025.10	dynein light intermediate chain, putative	0,0953	0,4
TcCLB.504741.220	hypothetical protein, conserved	0,09516	0,4868
TcCLB.508379.20	hypothetical protein, conserved	0,09511	0,671
TcCLB.503811.80	hypothetical protein, conserved	0,0951	0,4626
TcCLB.504717.20	hypothetical protein, conserved	0,09501	0,2856
TcCLB.506517.100	hypothetical protein, conserved	0,09479	0,362
TcCLB.509149.50	hypothetical protein, conserved	0,09472	0,3272
TcCLB.506147.150	hypothetical protein, conserved	0,09466	0,3993
TcCLB.504085.50	ATP-dependent DEAD/H RNA helicase, putative	0,09458	0,4029

TcCLB.509145.10	hypothetical protein, conserved	0,09448	0,4398
TcCLB.509563.30	hypothetical protein, conserved	0,09438	0,3902
TcCLB.511511.150	sphingosine 1-phosphate lyase, putative (SPL)	0,09433	0,4966
TcCLB.404843.20	hypothetical protein, conserved	0,09426	0,4516
TcCLB.506339.25	hypothetical protein, conserved (pseudogene)	0,09424	0,6352
TcCLB.508153.90	hypothetical protein	0,09421	0,5062
TcCLB.508289.41	syntaxin binding protein (pseudogene), putative	0,09419	0,7478
TcCLB.511269.10	hypothetical protein, conserved	0,09418	0,3889
TcCLB.507467.100	hypothetical protein	0,09418	0,3935
TcCLB.508355.350	hypothetical protein, conserved	0,09403	0,4495
TcCLB.510173.40	MRB1 complex subunit MRB3010 (MRB3010)	0,09402	0,3722
TcCLB.511255.618	syntaxin binding protein (pseudogene), putative	0,09401	0,846
TcCLB.506539.10	trans-sialidase (pseudogene), putative	0,094	0,7255
TcCLB.509827.4	retrotransposon hot spot (RHS) protein, putative	0,09388	0,6248
TcCLB.507819.20	retrotransposon hot spot protein (RHS, pseudogene), puta	0,09377	0,5029
TcCLB.434931.10	paraxonemal rod protein PAR2, putative	0,09372	0,4493
TcCLB.510719.110	actin-like protein, putative	0,09367	0,5009
TcCLB.508153.370	hypothetical protein, conserved	0,09364	0,3712
TcCLB.506405.60	hypothetical protein, conserved	0,09353	0,5478
TcCLB.506331.30	hypothetical protein	0,09352	0,7974
TcCLB.507047.20	dispersed gene family protein 1 (DGF-1, pseudogene), put	0,0935	0,6026
TcCLB.508541.240	casein kinase, putative	0,09341	0,7739
TcCLB.504109.140	DNA-directed RNA polymerase I subunit, putative	0,09324	0,5069
TcCLB.511217.160	hypothetical protein, conserved	0,0932	0,417
TcCLB.433273.10	dynein heavy chain, putative (fragment)	0,09315	0,474
TcCLB.508931.50	hypothetical protein	0,09308	0,4601
TcCLB.510713.20	dispersed gene family protein 1 (DGF-1), putative	0,09308	0,6109
TcCLB.510329.210	SNF1-related protein kinase catalytic subunit alpha, putat	0,09304	0,3364
TcCLB.511585.220	calcium/potassium channel (CAKC), putative	0,09299	0,3353
TcCLB.503451.9	hypothetical protein, conserved (fragment)	0,09291	0,2986
TcCLB.508027.50	hypothetical protein, conserved	0,0929	0,5209
TcCLB.509287.140	dispersed gene family protein 1 (DGF-1), putative	0,09262	0,6517
TcCLB.503521.60	hypothetical protein, conserved	0,09257	0,6327
TcCLB.510889.240	hypothetical protein, conserved	0,09252	0,5611
TcCLB.511071.30	hypothetical protein, conserved	0,09239	0,5733
TcCLB.511109.20	hypothetical protein, conserved	0,09231	0,6242
TcCLB.509857.10	hypothetical protein, conserved	0,09225	0,4534
TcCLB.510007.10	hypothetical protein, conserved	0,09221	0,5924
TcCLB.509631.140	flagellar attachment zone protein, putative (FAZ1)	0,0922	0,3098
TcCLB.506227.50	hypothetical protein, conserved	0,09217	0,5159
TcCLB.508515.60	hypothetical protein, conserved	0,09217	0,5421
TcCLB.503847.40	hypothetical protein, conserved	0,09216	0,4635
TcCLB.416883.18	proteasome alpha 2 subunit, putative	0,0919	0,4666
TcCLB.509967.7	hypothetical protein, conserved	0,09174	0,6852
TcCLB.510533.210	hypothetical protein, conserved (pseudogene)	0,09173	0,5124

TcCLB.424383.9	trans-sialidase (pseudogene), putative	0,09168	0,7107
TcCLB.506885.350	proteasome alpha 1 subunit, putative	0,09157	0,4058
TcCLB.419417.4	ADP-ribosylation factor, putative (fragment)	0,09157	0,4489
TcCLB.511823.50	palmitoyl acyltransferase 11, putative	0,09147	0,4647
TcCLB.506289.70	hypothetical protein, conserved	0,09127	0,3503
TcCLB.510421.150	protein kinase, putative	0,09125	0,2967
TcCLB.510329.350	hypothetical protein, conserved	0,09111	0,4431
TcCLB.510145.59	exonuclease, putative	0,09095	0,4849
TcCLB.508815.4	RNA polymerase I, putative	0,09095	0,7207
TcCLB.511501.50	GTPase activating protein, putative	0,09061	0,4313
TcCLB.506717.219	GMP synthase (pseudogene), putative	0,09059	0,516
TcCLB.511277.580	RNA-binding protein 29, putative (RBP29)	0,09053	0,3358
TcCLB.506181.130	hypothetical protein	0,09052	0,571
TcCLB.503987.70	ribosome biogenesis protein TSR3, putative (tsr3)	0,09038	0,5955
TcCLB.452699.5	trans-sialidase (pseudogene), putative	0,09027	0,8279
TcCLB.506885.70	polyadenylate-binding protein 1, putative	0,0902	0,4522
TcCLB.511277.410	hypothetical protein, conserved	0,09003	0,4228
TcCLB.509049.51	hypothetical protein, conserved	0,08991	0,571
TcCLB.506211.10	lipoic acid synthetase, mitochondrial precursor, putative	0,08982	0,5033
TcCLB.508601.90	Small Surface Antigen (LDK)	0,08966	0,4438
TcCLB.504241.57	retrotransposon hot spot protein (RHS, pseudogene), puta	0,08965	0,7989
TcCLB.511735.70	hypothetical protein, conserved	0,08961	0,4891
TcCLB.508153.1060	hypothetical protein, conserved	0,08961	0,669
TcCLB.511535.39	hypothetical protein, conserved	0,08951	0,6952
TcCLB.507599.10	Ribosome biogenesis protein Tsr3, putative (fragment)	0,08948	0,728
TcCLB.511409.60	hypothetical protein, conserved	0,08946	0,5457
TcCLB.511751.150	hypothetical protein, conserved	0,08938	0,5667
TcCLB.510941.10	hypothetical protein, conserved	0,08937	0,4657
TcCLB.504099.30	hypothetical protein, conserved (pseudogene)	0,08936	0,6229
TcCLB.508179.30	hypothetical protein, conserved	0,08914	0,5265
TcCLB.504131.40	hypothetical protein, conserved	0,08892	0,4266
TcCLB.506963.90	calmodulin, putative	0,08892	0,4602
TcCLB.506857.80	kinesin, putative	0,08882	0,3983
TcCLB.506839.60	tyrosine specific protein phosphatase, putative	0,08875	0,4168
TcCLB.503929.5	hypothetical protein, conserved	0,08859	0,6577
TcCLB.503667.10	trans-sialidase, putative	0,08852	0,7031
TcCLB.506443.50	hypothetical protein, conserved	0,08826	0,4534
TcCLB.510719.220	hypothetical protein	0,08826	0,5494
TcCLB.509099.110	hypothetical protein, conserved	0,08808	0,7059
TcCLB.511235.10	hypothetical protein, conserved (pseudogene)	0,08795	0,7852
TcCLB.507735.20	hypothetical protein, conserved	0,08791	0,3457
TcCLB.506401.230	hypothetical protein, conserved	0,08782	0,3839
TcCLB.415187.10	hypothetical protein, conserved	0,08781	0,7371
TcCLB.506287.180	hypothetical protein, conserved	0,08766	0,488
TcCLB.509803.40	5-oxoprolinase, putative	0,08764	0,5082

TcCLB.511725.270	hypothetical protein, conserved	0,0876	0,3345
TcCLB.507953.110	retrotransposon hot spot protein (RHS, pseudogene), puta	0,0876	0,8383
TcCLB.508781.90	hypothetical protein, conserved	0,08737	0,6048
TcCLB.503635.80	hypothetical protein, conserved	0,0873	0,4837
TcCLB.509595.44	hypothetical protein, conserved	0,08706	0,6165
TcCLB.509647.50	hypothetical protein, conserved	0,087	0,2975
TcCLB.506529.90	puromycin-sensitive aminopeptidase-like protein, putative	0,087	0,5294
TcCLB.509067.60	Tetratricopeptide-like helical domain containing protein (I	0,08691	0,189
TcCLB.510235.6	hypothetical protein	0,08685	0,753
TcCLB.503889.20	mucin TcMUC (pseudogene), putative	0,0867	0,5636
TcCLB.511587.10	hypothetical protein	0,08669	0,7989
TcCLB.511901.10	Trypanosome basal body component protein (TBBC)	0,08658	0,5943
TcCLB.509053.90	hypothetical protein, conserved	0,0865	0,5412
TcCLB.506363.50	hypothetical protein, conserved	0,08645	0,3509
TcCLB.510053.50	vesicle transport v-SNARE protein, putative	0,08642	0,6505
TcCLB.505987.30	hypothetical protein, conserved	0,08621	0,4735
TcCLB.509757.20	leucine carboxyl methyltransferase, putative	0,08609	0,5215
TcCLB.510663.64	mitochondrial carrier protein, putative	0,08597	0,6119
TcCLB.506829.60	hypothetical protein, conserved	0,08593	0,5228
TcCLB.506989.240	hypothetical protein, conserved (pseudogene)	0,08591	0,3215
TcCLB.511503.9	hypothetical protein, conserved (pseudogene)	0,08584	0,5691
TcCLB.511907.270	ubiquitin-conjugating enzyme E2, putative	0,08574	0,4429
TcCLB.511349.110	retrotransposon hot spot protein (RHS, pseudogene), puta	0,08571	0,7458
TcCLB.508139.110	hypothetical protein	0,08566	0,7892
TcCLB.509925.50	retrotransposon hot spot protein (RHS, pseudogene), puta	0,08564	0,6516
TcCLB.503757.30	hypothetical protein, conserved	0,08546	0,6097
TcCLB.510575.170	hypothetical protein, conserved	0,08536	0,5011
TcCLB.510253.20	hypothetical protein, conserved	0,08535	0,3517
TcCLB.507519.80	eukaryotic peptide chain release factor subunit 1, putative	0,08535	0,4952
TcCLB.432787.10	mitochondrial RNA binding complex 1 subunit, putative (f	0,08523	0,5906
TcCLB.506709.20	hypothetical protein, conserved	0,08494	0,3975
TcCLB.508207.194	hypothetical protein, conserved	0,08467	0,4384
TcCLB.506817.40	hypothetical protein, conserved	0,08466	0,4236
TcCLB.509857.20	hypothetical protein, conserved	0,08453	0,5129
TcCLB.508265.80	hypothetical protein	0,08442	0,5066
TcCLB.505937.70	trans-sialidase (pseudogene), putative	0,08416	0,701
TcCLB.510359.150	ATP-dependent helicase, putative	0,08415	0,4025
TcCLB.508593.80	hypothetical protein, conserved	0,08406	0,4423
TcCLB.510755.70	hypothetical protein, conserved	0,08391	0,5295
TcCLB.507821.130	trans-sialidase, Group II, putative	0,08379	0,7177
TcCLB.511473.6	ATP-dependent DEAD/H RNA helicase (pseudogene), puta	0,08378	0,7873
TcCLB.511859.70	hypothetical protein, conserved	0,08369	0,5684
TcCLB.511517.150	hypothetical protein, conserved	0,08366	0,6125
TcCLB.508693.20	DNA topoisomerase IB, large subunit	0,08365	0,4762
TcCLB.504769.140	trans-sialidase, Group VIII, putative	0,08349	0,7809

TcCLB.507611.389	hypothetical protein, conserved	0,08341	0,704
TcCLB.506147.210	hypothetical protein, conserved	0,08339	0,5871
TcCLB.509049.40	hypothetical protein, conserved	0,08333	0,5572
TcCLB.504867.60	hypothetical protein, conserved	0,08329	0,4655
TcCLB.509033.109	hypothetical protein, conserved	0,08328	0,6791
TcCLB.504153.110	hypothetical protein, conserved	0,08324	0,4727
TcCLB.507775.40	hypothetical protein, conserved	0,08323	0,6093
TcCLB.510483.320	retrotransposon hot spot protein (RHS, pseudogene), puta	0,08322	0,642
TcCLB.508269.60	exosome-associated protein 4, putative (EAP4)	0,08308	0,6554
TcCLB.504103.30	myosin heavy chain, putative	0,08297	0,4916
TcCLB.511217.120	peptidyl-prolyl cis-trans isomerase, putative	0,08297	0,5716
TcCLB.506303.150	hypothetical protein, conserved	0,0825	0,4761
TcCLB.510773.60	hypothetical protein	0,08246	0,7706
TcCLB.503899.100	hypothetical protein	0,08238	0,5106
TcCLB.509597.10	hypothetical protein, conserved	0,08218	0,4374
TcCLB.509213.150	hypothetical protein, conserved	0,08207	0,5439
TcCLB.503453.90	hypothetical protein, conserved	0,08192	0,4707
TcCLB.506195.60	hypothetical protein, conserved	0,08192	0,5424
TcCLB.508153.960	hypothetical protein, conserved	0,08186	0,5064
TcCLB.506775.130	hypothetical protein, conserved	0,08185	0,4721
TcCLB.503945.10	eukaryotic translation initiation factor 1A, putative	0,08182	0,5443
TcCLB.510647.40	syntaxin, putative	0,08176	0,504
TcCLB.510243.110	hypothetical protein, conserved	0,08175	0,5563
TcCLB.508347.90	hypothetical protein, conserved	0,08172	0,4034
TcCLB.511867.100	hypothetical protein, conserved	0,08162	0,5032
TcCLB.511867.170	hypothetical protein, conserved	0,08152	0,4427
TcCLB.508775.70	dispersed gene family protein 1 (DGF-1), putative	0,08142	0,8368
TcCLB.510181.120	hypothetical protein, conserved	0,08133	0,5201
TcCLB.508451.5	mucin-associated surface protein (MASP, pseudogene), pi	0,08133	0,6712
TcCLB.503983.29	hypothetical protein, conserved	0,08125	0,6621
TcCLB.511391.220	hypothetical protein, conserved	0,08124	0,2474
TcCLB.508277.230	nucleolar RNA binding protein, putative	0,08122	0,4372
TcCLB.508915.9	hypothetical protein, conserved	0,081	0,5622
TcCLB.509913.30	hypothetical protein, conserved	0,08098	0,3988
TcCLB.503521.20	hypothetical protein, conserved	0,08095	0,4835
TcCLB.510311.160	hypothetical protein, conserved	0,08081	0,542
TcCLB.509683.70	dynein light chain Tctex-type, putative	0,08069	0,5395
TcCLB.508405.50	hypothetical protein, conserved	0,08056	0,5801
TcCLB.511183.130	hypothetical protein, conserved (pseudogene)	0,08048	0,8401
TcCLB.506415.30	hypothetical protein, conserved	0,08042	0,6156
TcCLB.511293.20	hypothetical protein, conserved	0,08034	0,379
TcCLB.510249.14	hypothetical protein, conserved	0,08031	0,8886
TcCLB.507755.10	hypothetical protein	0,07976	0,5344
TcCLB.509769.4	Meckel syndrome type 1 protein, putative (fragment) (mk	0,07963	0,5147
TcCLB.510305.40	hypothetical protein, conserved	0,07957	0,5106

TcCLB.510691.70	hypothetical protein, conserved	0,07938	0,6547
TcCLB.509541.4	paraflagellar rod component par4, putative	0,07937	0,6611
TcCLB.506871.150	hypothetical protein, conserved	0,07935	0,4762
TcCLB.508153.610	Putative intraflagellar transport protein C3 (PIFTC3)	0,07922	0,5069
TcCLB.506743.10	hypothetical protein	0,07918	0,6799
TcCLB.510901.40	hypothetical protein, conserved	0,07912	0,66
TcCLB.507621.10	retrotransposon hot spot protein (RHS, pseudogene), puta	0,07907	0,7878
TcCLB.507093.120	hypothetical protein, conserved	0,07899	0,5806
TcCLB.506313.10	retrotransposon hot spot (RHS) protein, putative (fragmer	0,07897	0,4889
TcCLB.509471.20	Present in the outer mitochondrial membrane proteome	0,07896	0,3665
TcCLB.509597.4	hypothetical protein, conserved	0,07896	0,5058
TcCLB.506885.400	40 kDa cyclophilin, putative (CYP40)	0,07894	0,5123
TcCLB.510291.7	TPR-repeat-containing chaperone protein DNAJ, putative (	0,07892	0,5592
TcCLB.511121.11	retrotransposon hot spot (RHS) protein, putative (fragmer	0,07891	0,619
TcCLB.508153.350	hypothetical protein, conserved	0,07888	0,6153
TcCLB.509573.40	hypothetical protein, conserved	0,07883	0,7429
TcCLB.507035.75	retrotransposon hot spot protein (RHS, pseudogene), puta	0,07866	0,5649
TcCLB.505965.86	tRNA pseudouridine synthase (pseudogene), putative	0,07865	0,496
TcCLB.506913.20	protein kinase, putative (fragment)	0,07856	0,7351
TcCLB.503435.14	hypothetical protein	0,07854	0,5148
TcCLB.504001.3	flagellar radial spoke component, putative (fragment)	0,07849	0,6483
TcCLB.504203.60	TPR-repeat-containing chaperone protein DNAJ, putative (	0,07811	0,5032
TcCLB.508197.20	ADP-ribosylation factor, putative	0,07801	0,654
TcCLB.509829.9	retrotransposon hot spot (RHS) protein, putative (fragmer	0,07794	0,7128
TcCLB.511245.50	hypothetical protein, conserved	0,07788	0,4035
TcCLB.510599.40	hypothetical protein, conserved	0,07786	0,4486
TcCLB.506975.34	aminoacylase, putative	0,07773	0,7237
TcCLB.510963.5	hypothetical protein, conserved (fragment)	0,07771	0,699
TcCLB.511807.50	hypothetical protein, conserved	0,07764	0,3476
TcCLB.509769.36	palmitoyl acyltransferase 12, putative	0,07746	0,5369
TcCLB.506739.180	hypothetical protein, conserved	0,07736	0,423
TcCLB.504167.14	hypothetical protein	0,07716	0,5997
TcCLB.511859.161	hypothetical protein	0,07712	0,6799
TcCLB.508373.29	orotidine-5-phosphate decarboxylase/orotate phosphoribc	0,07691	0,5686
TcCLB.506851.10	NIMA-related kinase, putative	0,07679	0,3788
TcCLB.506959.30	ATP-dependent DEAD/H RNA helicase, putative	0,07677	0,4309
TcCLB.510533.10	Cytoplasmic dynein 1 heavy chain (DYNC1H1), putative	0,07671	0,4652
TcCLB.506577.20	hypothetical protein	0,07665	0,4741
TcCLB.506287.100	hypothetical protein, conserved	0,07662	0,5485
TcCLB.506133.75	mucin TcMUCII (pseudogene), putative	0,0766	0,7739
TcCLB.504253.20	hypothetical protein, conserved	0,07648	0,539
TcCLB.506629.80	vesicular transport protein (CDC48 homologue), putative	0,07638	0,3209
TcCLB.507883.10	glucose-6-phosphate 1-dehydrogenase (pseudogene), puti	0,07627	0,7017
TcCLB.507035.30	dispersed gene family protein 1 (DGF-1), putative	0,07624	0,6303
TcCLB.506961.90	retrotransposon hot spot (RHS) protein, putative	0,07615	0,517

TcCLB.511193.9	dispersed gene family protein 1 (DGF-1, pseudogene), put	0,07605	0,7147
TcCLB.503823.100	hypothetical protein, conserved	0,07604	0,5734
TcCLB.511705.5	trans-sialidase (pseudogene), putative	0,07599	0,8544
TcCLB.509721.30	intraflagellar transport protein 122B, putative (IFT122B)	0,07593	0,4245
TcCLB.506727.4	hypothetical protein, conserved	0,0759	0,7421
TcCLB.508355.330	hypothetical protein, conserved	0,07585	0,4054
TcCLB.511361.30	hypothetical protein, conserved	0,07585	0,6414
TcCLB.510055.30	hypothetical protein, conserved	0,07585	0,7841
TcCLB.505155.10	retrotransposon hot spot protein (RHS, pseudogene), puta	0,07573	0,6479
TcCLB.509827.10	hypothetical protein, conserved	0,0757	0,5295
TcCLB.509109.90	hypothetical protein, conserved	0,07561	0,6756
TcCLB.509601.30	hypothetical protein	0,07555	0,5138
TcCLB.510387.15	syntaxin binding protein (pseudogene), putative	0,07551	0,8293
TcCLB.506203.10	nucleoside transporter 1, putative	0,07549	0,5694
TcCLB.510799.30	hypothetical protein, conserved	0,07545	0,5281
TcCLB.506963.60	hypothetical protein, conserved (pseudogene)	0,07541	0,6296
TcCLB.511013.3	ATP-dependent DEAD/H RNA helicase (pseudogene), puta	0,07541	0,85
TcCLB.510689.40	phosphatidylinositol 3-kinase (tor2), putative (TOR2)	0,07535	0,4086
TcCLB.511287.90	ribosome biogenesis protein, putative	0,07533	0,4668
TcCLB.510339.14	hypothetical protein, conserved	0,07532	0,539
TcCLB.504427.40	hypothetical protein, conserved	0,0752	0,6689
TcCLB.508231.30	target of rapamycin (TOR) kinase 1, putative (TOR1)	0,07515	0,2794
TcCLB.511263.20	hypothetical protein, conserved	0,07509	0,3927
TcCLB.504055.130	trans-sialidase (pseudogene), putative	0,07508	0,6446
TcCLB.508895.70	membrane protein, putative	0,07497	0,6458
TcCLB.508409.260	hypothetical protein, conserved	0,07489	0,4334
TcCLB.510089.64	hypothetical protein, conserved	0,07489	0,6026
TcCLB.510661.190	protein kinase, putative	0,07481	0,7681
TcCLB.511871.80	frataxin-like, mitochondrial precursor, putative	0,0747	0,6968
TcCLB.511881.14	RNA polymerase subunit RPB10, putative (RPB10)	0,07469	0,6683
TcCLB.505965.70	helicase (pseudogene), putative	0,07466	0,495
TcCLB.506885.330	hypothetical protein, conserved	0,07463	0,4659
TcCLB.508185.19	ubiquitin hydrolase, putative (fragment)	0,07463	0,8085
TcCLB.511367.230	NADPH:adrenodoxin oxidoreductase, mitochondrial, putati	0,07461	0,478
TcCLB.506607.10	hypothetical protein, conserved	0,07457	0,6415
TcCLB.510323.90	hypothetical protein, conserved	0,07448	0,5176
TcCLB.503901.9	hypothetical protein, conserved (pseudogene)	0,07442	0,6182
TcCLB.507507.49	hypothetical protein, conserved	0,07436	0,7831
TcCLB.506743.170	hypothetical protein, conserved	0,07426	0,5747
TcCLB.509127.110	hypothetical protein, conserved	0,07424	0,5538
TcCLB.510533.190	hypothetical protein, conserved	0,0741	0,6234
TcCLB.507235.10	dispersed gene family protein 1 (DGF-1), putative	0,07409	0,8425
TcCLB.510303.119	hypothetical protein, conserved	0,07408	0,5965
TcCLB.510165.110	retrotransposon hot spot (RHS) protein, putative	0,07406	0,6921
TcCLB.511537.16	hypothetical protein, conserved	0,07402	0,5573



TcCLB.510359.69	mitochondrial carrier protein, putative	0,074	0,5855
TcCLB.509471.50	hypothetical protein, conserved	0,07389	0,5086
TcCLB.442297.10	ARP2/3 complex 16kDa subunit, putative	0,07385	0,669
TcCLB.511385.120	hypothetical protein, conserved	0,07384	0,7712
TcCLB.508773.9	dispersed gene family protein 1 (DGF-1), putative	0,07383	0,8822
TcCLB.507025.10	hypothetical protein, conserved	0,07369	0,4635
TcCLB.511229.60	hypothetical protein, conserved	0,07363	0,7714
TcCLB.509643.110	hypothetical protein, conserved	0,0736	0,5509
TcCLB.507011.190	hypothetical protein, conserved	0,07349	0,699
TcCLB.509733.160	amino acid transporter, putative	0,07348	0,6098
TcCLB.511013.6	N-acetyltransferase complex ARD1 subunit (pseudogene),	0,07321	0,8672
TcCLB.508991.10	retrotransposon hot spot protein (RHS, pseudogene), puta	0,07317	0,5859
TcCLB.505987.60	hypothetical protein	0,07309	0,3807
TcCLB.509031.10	surface protease GP63 (pseudogene), putative	0,07308	0,7076
TcCLB.507723.60	hypothetical protein	0,073	0,6523
TcCLB.511151.50	phosphoadenosine phosphosulfate reductase-like protein,	0,07279	0,5108
TcCLB.507007.30	hypothetical protein	0,07267	0,6255
TcCLB.511319.10	hypothetical protein, conserved	0,07266	0,4571
TcCLB.508193.30	dispersed gene family protein 1 (DGF-1, pseudogene), put	0,07261	0,7712
TcCLB.507105.10	beta prime cop protein, putative	0,07258	0,4081
TcCLB.509885.30	SPFH domain / Band 7 family protein, putative	0,07256	0,5729
TcCLB.506821.80	hypothetical protein, conserved	0,07251	0,7128
TcCLB.509799.70	hypothetical protein, conserved	0,07246	0,5145
TcCLB.507511.20	hypothetical protein, conserved	0,0724	0,5048
TcCLB.510945.20	hypothetical protein, conserved	0,07235	0,5563
TcCLB.511417.60	hypothetical protein, conserved	0,07206	0,5851
TcCLB.504215.50	hypothetical protein, conserved	0,07203	0,4741
TcCLB.507851.10	hypothetical protein, conserved	0,07201	0,5037
TcCLB.509207.160	proteasome regulatory ATPase subunit 1, putative	0,07198	0,4208
TcCLB.508831.20	oligomeric golgi complex component 8, putative	0,07189	0,5658
TcCLB.508257.204	hypothetical protein, conserved	0,07173	0,5518
TcCLB.504137.110	hypothetical protein, conserved	0,07169	0,481
TcCLB.507039.30	retrotransposon hot spot protein (RHS, pseudogene), puta	0,07141	0,5464
TcCLB.511421.180	hypothetical protein, conserved	0,07122	0,6319
TcCLB.510089.130	protein kinase, putative	0,0711	0,4798
TcCLB.503689.20	hypothetical protein, conserved	0,07101	0,7702
TcCLB.507711.170	hypothetical protein, conserved	0,07089	0,5784
TcCLB.508153.250	hypothetical protein	0,07075	0,6878
TcCLB.504179.80	hypothetical protein, conserved	0,07074	0,5363
TcCLB.506777.60	NGG1 interacting factor 3, putative	0,07071	0,654
TcCLB.510889.30	kinase, putative	0,07055	0,5662
TcCLB.481729.10	hypothetical protein, conserved	0,07053	0,6228
TcCLB.508153.80	DNA replication complex GINS protein SLD5, putative	0,07034	0,6509
TcCLB.506907.14	hypothetical protein, conserved	0,07018	0,5854
TcCLB.509455.90	Putative intraflagellar transport protein A1 (PIFTA1)	0,06994	0,4914

TcCLB.506811.150	hypothetical protein, conserved	0,06989	0,5591
TcCLB.506223.84	hypothetical protein, conserved	0,06983	0,6194
TcCLB.507521.115	hypothetical protein, conserved	0,06972	0,7059
TcCLB.511169.10	hypothetical protein, conserved	0,06937	0,6716
TcCLB.507895.140	hypothetical protein	0,0693	0,5226
TcCLB.508723.100	rab-like GTPase activating protein, putative	0,06927	0,5656
TcCLB.509049.20	hypothetical protein, conserved	0,06927	0,5846
TcCLB.504035.90	translation initiation factor IF-2, putative	0,0692	0,5136
TcCLB.509979.30	hypothetical protein, conserved	0,06911	0,57
TcCLB.504247.34	Transcription elongation factor 1 domain-containing prote	0,06897	0,6405
TcCLB.507641.120	ATP-dependent DEAD/H RNA helicase, putative	0,06896	0,4902
TcCLB.510307.352	retrotransposon hot spot protein (RHS, pseudogene), puta	0,06893	0,689
TcCLB.511911.21	hypothetical protein, conserved	0,06893	0,8309
TcCLB.507527.4	dolichyl-P-Man:GDP-Man5GlcNAc2-PP-dolichyl alpha-1,2-	0,06892	0,7209
TcCLB.505163.30	hypothetical protein, conserved	0,06868	0,545
TcCLB.507507.40	ubiquitin hydrolase, putative	0,06868	0,6919
TcCLB.510155.130	hypothetical protein, conserved	0,06861	0,436
TcCLB.511671.140	hypothetical protein	0,06856	0,5963
TcCLB.510421.260	diacylglycerol acyltransferase, putative	0,06852	0,6251
TcCLB.506021.10	retrotransposon hot spot protein (RHS, pseudogene), puta	0,06845	0,5954
TcCLB.506247.200	adaptin complex 1 subunit, putative	0,06844	0,4309
TcCLB.407477.30	diphthine synthase, putative	0,06843	0,6338
TcCLB.425851.9	hypothetical protein, conserved	0,06826	0,7208
TcCLB.509945.24	hypothetical protein, conserved	0,06824	0,6707
TcCLB.508175.290	hypothetical protein, conserved	0,06793	0,5476
TcCLB.506811.10	kinesin, putative	0,0678	0,5691
TcCLB.503543.10	presenilin-like aspartic peptidase, putative	0,06777	0,5649
TcCLB.506695.20	hypothetical protein, conserved	0,0675	0,6612
TcCLB.509765.20	retrotransposon hot spot protein (RHS, pseudogene), puta	0,06739	0,784
TcCLB.511665.100	retrotransposon hot spot protein (RHS, pseudogene), puta	0,06735	0,711
TcCLB.509253.50	recombination initiation protein NBS1, putative	0,06702	0,4977
TcCLB.507709.20	hypothetical protein	0,06695	0,5396
TcCLB.511907.330	retrotransposon hot spot (RHS) protein, putative	0,0668	0,5832
TcCLB.506225.20	trans-sialidase (pseudogene), putative	0,06654	0,7793
TcCLB.506635.20	ATP-dependent RNA helicase, putative	0,06646	0,4887
TcCLB.511467.50	hypothetical protein, conserved	0,06635	0,6946
TcCLB.506671.41	elongation factor 1-gamma (EF-1-gamma, pseudogene),	0,06633	0,9074
TcCLB.507483.39	calmodulin (CALA2)	0,06626	0,7668
TcCLB.509171.40	hypothetical protein, conserved	0,06609	0,5328
TcCLB.511045.50	hypothetical protein, conserved	0,06607	0,7084
TcCLB.508261.25	trans-sialidase (pseudogene), putative	0,06606	0,6159
TcCLB.507459.10	hypothetical protein, conserved (pseudogene)	0,06604	0,8326
TcCLB.511745.30	E3 ubiquitin-protein ligase, putative	0,06602	0,5012
TcCLB.509965.134	hypothetical protein, conserved	0,06602	0,7661
TcCLB.508961.79	69 kDa paraflagellar rod protein, putative	0,06592	0,5584

TcCLB.503697.130	hypothetical protein, conserved	0,0659	0,5082
TcCLB.508153.400	serine/threonine-protein kinase, putative	0,06587	0,5257
TcCLB.509117.19	hypothetical protein, conserved	0,06584	0,6296
TcCLB.509791.189	flagellum targeting protein kharon1, putative (fragment)	0,06581	0,6484
TcCLB.508641.40	retrotransposon hot spot protein (RHS, pseudogene), puta	0,0658	0,7969
TcCLB.509791.90	hypothetical protein, conserved	0,06565	0,657
TcCLB.507773.20	hypothetical protein	0,06553	0,6846
TcCLB.509211.10	hypothetical protein, conserved	0,06551	0,5902
TcCLB.510275.90	hypothetical protein	0,06537	0,7768
TcCLB.511907.320	hypothetical protein, conserved	0,06532	0,5682
TcCLB.511167.119	hypothetical protein, conserved (fragment)	0,06526	0,5348
TcCLB.509067.50	hypothetical protein, conserved	0,06519	0,4921
TcCLB.503879.119	protein transport protein Sec24C, putative	0,06514	0,5876
TcCLB.508207.160	hypothetical protein, conserved	0,0651	0,6553
TcCLB.506925.180	protein kinase, putative	0,06507	0,5782
TcCLB.506869.60	protein kinase, putative	0,06504	0,5717
TcCLB.510655.130	hypothetical protein, conserved	0,06494	0,7641
TcCLB.506667.170	hypothetical protein	0,06491	0,867
TcCLB.506113.40	hypothetical protein, conserved (pseudogene)	0,06481	0,6408
TcCLB.506825.60	hypothetical protein, conserved	0,06479	0,5047
TcCLB.506393.120	hypothetical protein, conserved (pseudogene)	0,06479	0,5922
TcCLB.510531.40	hypothetical protein, conserved	0,06471	0,5358
TcCLB.511911.140	hypothetical protein, conserved	0,0647	0,6872
TcCLB.507893.9	dispersed gene family protein 1 (DGF-1), putative (fragme	0,06466	0,7827
TcCLB.511513.30	hypothetical protein, conserved	0,06465	0,4793
TcCLB.511523.50	hypothetical protein, conserved	0,06451	0,637
TcCLB.507063.260	hypothetical protein	0,06443	0,8281
TcCLB.511657.60	hypothetical protein, conserved	0,06435	0,4873
TcCLB.506355.130	hypothetical protein, conserved	0,06434	0,6032
TcCLB.504103.40	hypothetical protein, conserved	0,06417	0,6299
TcCLB.511469.50	hypothetical protein, conserved	0,06407	0,6797
TcCLB.508539.50	hypothetical protein, conserved	0,06402	0,5857
TcCLB.508355.110	hypothetical protein	0,06388	0,6091
TcCLB.508181.124	hypothetical protein, conserved	0,06369	0,5979
TcCLB.510325.10	ubiquitin hydrolase, putative	0,06368	0,5973
TcCLB.507089.170	hypothetical protein, conserved	0,06363	0,6235
TcCLB.509897.260	hypothetical protein	0,0636	0,7967
TcCLB.511903.50	amastin, putative	0,06348	0,6886
TcCLB.506363.159	separase, putative	0,06346	0,8582
TcCLB.504057.30	hypothetical protein, conserved	0,06333	0,4625
TcCLB.511911.110	RNA helicase, putative	0,06329	0,6041
TcCLB.506967.65	mucin TcMUCII (pseudogene), putative	0,06305	0,8715
TcCLB.508221.990	surface protease GP63 (pseudogene), putative	0,06298	0,8562
TcCLB.511751.120	aldehyde dehydrogenase family, putative	0,06295	0,6676
TcCLB.505987.41	hypothetical protein, conserved	0,06285	0,7259

TcCLB.504047.60	protein kinase, putative	0,06267	0,5351
TcCLB.509805.60	Ras-related protein Rab5A, putative (RAB5A)	0,06238	0,5174
TcCLB.511731.10	UV excision repair RAD23-like protein, putative	0,06226	0,5351
TcCLB.506201.90	hypothetical protein, conserved	0,06223	0,6272
TcCLB.503815.4	hypothetical protein, conserved	0,06201	0,7854
TcCLB.508831.150	hypothetical protein, conserved	0,06195	0,5095
TcCLB.506773.180	regulator of chromatin condensation, putative	0,06192	0,6011
TcCLB.511409.10	PAB1-binding protein , putative	0,06185	0,4152
TcCLB.507203.5	trans-sialidase (pseudogene), putative	0,06181	0,6553
TcCLB.506989.60	phosphate transporter, putative	0,06173	0,6588
TcCLB.511355.7	TFIID-like protein, putative (fragment)	0,06167	0,6709
TcCLB.508177.10	hypothetical protein, conserved	0,06164	0,6932
TcCLB.503897.90	hypothetical protein, conserved	0,06156	0,5612
TcCLB.503697.60	nuclear cap binding complex subunit CBP110, putative (CB	0,0615	0,532
TcCLB.508987.9	hypothetical protein, conserved	0,06131	0,5352
TcCLB.510719.150	hypothetical protein, conserved	0,06118	0,4911
TcCLB.507843.20	trans-sialidase, putative (pseudogene)	0,06107	0,8838
TcCLB.511635.30	ARP2/3 complex 16kDa subunit, putative	0,061	0,7084
TcCLB.510773.100	Flagellar Member 4 (FLAM4)	0,06094	0,581
TcCLB.511479.10	trans-sialidase (pseudogene), putative	0,06094	0,9219
TcCLB.504069.10	proteasome alpha 2 subunit, putative	0,06093	0,6384
TcCLB.508177.81	surface protease GP63 (pseudogene), putative	0,0605	0,7169
TcCLB.510275.130	dispersed gene family protein 1 (DGF-1), putative	0,0603	0,8094
TcCLB.507601.140	ATP-dependent RNA helicase, putative	0,06019	0,5907
TcCLB.510535.109	trans-sialidase, putative	0,05993	0,7555
TcCLB.511729.20	hypothetical protein	0,05954	0,6125
TcCLB.509059.40	hypothetical protein, conserved	0,05942	0,5703
TcCLB.508239.49	dynein regulatory complex subunit, putative	0,05942	0,7208
TcCLB.508283.25	hypothetical protein, conserved (pseudogene)	0,0594	0,8252
TcCLB.509167.120	S-adenosylmethionine decarboxylase proenzyme, putative	0,05933	0,572
TcCLB.509179.110	hypothetical protein, conserved	0,0593	0,6274
TcCLB.424123.10	hypothetical protein, conserved (pseudogene)	0,05926	0,641
TcCLB.509911.30	hypothetical protein	0,05922	0,6844
TcCLB.506469.120	hypothetical protein, conserved	0,05918	0,6543
TcCLB.510791.11	hypothetical protein	0,05914	0,7931
TcCLB.511289.30	metallo-peptidase, Clan MG, Family M24	0,05909	0,4914
TcCLB.510659.194	hypothetical protein, conserved	0,05906	0,6501
TcCLB.507513.130	hypothetical protein, conserved (pseudogene)	0,05894	0,5039
TcCLB.503823.60	hypothetical protein, conserved	0,05894	0,636
TcCLB.487739.20	choline/ethanolamine kinase (pseudogene), putative	0,05893	0,7349
TcCLB.507023.180	protein kinase, putative	0,05889	0,6166
TcCLB.511585.210	hypothetical protein, conserved	0,05889	0,6757
TcCLB.507509.60	hypothetical protein, conserved	0,05852	0,6182
TcCLB.505807.29	hypothetical protein, conserved	0,0585	0,8165
TcCLB.506825.50	hypothetical protein, conserved	0,05848	0,5422

TcCLB.511277.320	hypothetical protein, conserved	0,05825	0,5399
TcCLB.511893.30	hypothetical protein, conserved (pseudogene)	0,05819	0,734
TcCLB.503891.70	ribonuclease HII, putative	0,05818	0,6515
TcCLB.507941.80	hypothetical protein, conserved	0,058	0,7209
TcCLB.503801.50	hypothetical protein, conserved	0,05784	0,632
TcCLB.506933.46	hypothetical protein, conserved	0,05775	0,7313
TcCLB.508347.50	hypothetical protein, conserved	0,05759	0,7496
TcCLB.506999.70	chaperone DNAJ protein, putative	0,05758	0,6
TcCLB.507093.200	hypothetical protein, conserved	0,05747	0,5675
TcCLB.507993.70	hypothetical protein, conserved	0,05745	0,5924
TcCLB.507649.60	hypothetical protein, conserved	0,05741	0,6636
TcCLB.507669.130	hypothetical protein, conserved	0,05732	0,6921
TcCLB.508141.20	hypothetical protein, conserved	0,05708	0,6195
TcCLB.511249.30	hypothetical protein, conserved	0,05706	0,5691
TcCLB.507159.90	DNA-directed RNA polymerase III subunit, putative	0,05698	0,6665
TcCLB.507001.70	syntaxin, putative	0,05688	0,6743
TcCLB.509579.34	ATP-dependent DEAD/H RNA helicase (pseudogene), puta	0,05683	0,8658
TcCLB.506347.10	dynein heavy chain (pseudogene), putative	0,05678	0,4974
TcCLB.506941.80	tubulin-tyrosine ligase-like protein, putative	0,05666	0,6597
TcCLB.511269.60	Vacuolar protein sorting-associated protein 16 homolog, ꝑ	0,05665	0,7104
TcCLB.508265.40	hypothetical protein, conserved	0,0565	0,6111
TcCLB.503627.9	hypothetical protein, conserved (fragment)	0,0565	0,6518
TcCLB.504109.80	Intraflagellar transport protein 144, putative (PIFTF6)	0,05649	0,6099
TcCLB.511827.60	CCR4 associated factor, putative	0,05648	0,5541
TcCLB.509777.80	hypothetical protein, conserved	0,05635	0,6868
TcCLB.510755.110	hypothetical protein, conserved	0,05633	0,7374
TcCLB.509381.29	hypothetical protein, conserved	0,05624	0,618
TcCLB.507519.50	hypothetical protein, conserved	0,05622	0,7209
TcCLB.509799.20	hypothetical protein, conserved	0,05595	0,637
TcCLB.508207.70	Adenine phosphoribosyltransferase, putative	0,05595	0,6728
TcCLB.506635.104	hypothetical protein	0,05595	0,7681
TcCLB.503939.80	prolyl-tRNA synthetase, putative	0,05589	0,5069
TcCLB.507623.60	hypothetical protein, conserved	0,05585	0,5575
TcCLB.510431.220	ribosome assembly protein RRB1, putative	0,05578	0,7259
TcCLB.503865.40	hypothetical protein, conserved	0,05576	0,7119
TcCLB.504243.20	hypothetical protein, conserved	0,05576	0,7349
TcCLB.511907.89	hypothetical protein, conserved	0,05571	0,8005
TcCLB.503587.47	hypothetical protein	0,05571	0,8714
TcCLB.506933.43	hypothetical protein, conserved	0,05565	0,6641
TcCLB.507099.80	ABC transporter, putative	0,05552	0,5694
TcCLB.511907.30	hypothetical protein, conserved	0,05547	0,5887
TcCLB.503885.20	hypothetical protein, conserved	0,05546	0,575
TcCLB.509965.90	hypothetical protein, conserved	0,05534	0,5705
TcCLB.508637.66	hypothetical protein, conserved	0,05534	0,675
TcCLB.506223.50	hypothetical protein, conserved	0,05528	0,6859

TcCLB.511803.80	hypothetical protein, conserved (fragment)	0,05512	0,8817
TcCLB.506337.20	hypothetical protein, conserved	0,05494	0,6563
TcCLB.508387.100	ubiquitin-conjugating enzyme E2, putative	0,05478	0,6904
TcCLB.508637.79	DNA polymerase eta, putative	0,05476	0,6575
TcCLB.511459.20	hypothetical protein, conserved	0,05464	0,6427
TcCLB.506287.90	hypothetical protein, conserved	0,05463	0,6689
TcCLB.508307.60	hypothetical protein, conserved	0,0546	0,5915
TcCLB.511363.4	hypothetical protein, conserved	0,05453	0,7404
TcCLB.509799.110	hypothetical protein, conserved	0,0545	0,7789
TcCLB.511511.170	ADP-ribosylation factor-like protein, putative	0,05424	0,7034
TcCLB.511817.190	hypothetical protein, conserved	0,05417	0,6736
TcCLB.509965.340	hypothetical protein, conserved	0,05408	0,629
TcCLB.509643.30	hypothetical protein, conserved	0,05399	0,6246
TcCLB.509109.100	hypothetical protein, conserved	0,05394	0,7946
TcCLB.511725.240	hypothetical protein, conserved	0,05389	0,5551
TcCLB.507611.180	hypothetical protein	0,05383	0,8669
TcCLB.507491.119	hypothetical protein, conserved	0,05381	0,6091
TcCLB.503613.79	hypothetical protein	0,05378	0,7288
TcCLB.506249.40	hypothetical protein, conserved	0,05372	0,6563
TcCLB.509493.60	hypothetical protein	0,05369	0,8226
TcCLB.506739.40	hypothetical protein, conserved	0,05366	0,6833
TcCLB.510709.41	hypothetical protein, conserved	0,05344	0,9051
TcCLB.507911.33	retrotransposon hot spot protein (RHS, pseudogene), puta	0,05341	0,8736
TcCLB.506203.110	hypothetical protein, conserved	0,05339	0,6543
TcCLB.506625.120	hypothetical protein, conserved	0,05325	0,615
TcCLB.511245.200	hypothetical protein, conserved	0,0532	0,5606
TcCLB.506227.200	hypothetical protein	0,05309	0,6768
TcCLB.506469.110	hypothetical protein	0,05283	0,7385
TcCLB.509429.290	hydroxyacylglutathione hydrolase, putative	0,05274	0,7501
TcCLB.510939.9	hypothetical protein, conserved	0,05271	0,8094
TcCLB.509413.10	hypothetical protein, conserved	0,05252	0,6081
TcCLB.506529.140	hypothetical protein, conserved	0,05246	0,7177
TcCLB.510759.50	hypothetical protein	0,05233	0,6728
TcCLB.507641.240	hypothetical protein	0,05222	0,8622
TcCLB.511027.10	chloride channel protein, putative	0,05217	0,6734
TcCLB.503755.50	hypothetical protein, conserved	0,05216	0,6765
TcCLB.508819.20	hypothetical protein, conserved	0,05215	0,6699
TcCLB.510265.30	hypothetical protein, conserved	0,05211	0,5107
TcCLB.510515.70	hypothetical protein, conserved	0,0521	0,8175
TcCLB.508089.60	hypothetical protein, conserved	0,05204	0,7183
TcCLB.511153.124	hypothetical protein, conserved	0,05202	0,7753
TcCLB.511071.40	amastin, putative	0,05193	0,7408
TcCLB.503419.54	hypothetical protein, conserved	0,05192	0,7568
TcCLB.511589.190	hypothetical protein, conserved	0,0519	0,7381
TcCLB.510039.36	hypothetical protein	0,05186	0,8203

TcCLB.511039.39	hypothetical protein, conserved	0,05185	0,7234
TcCLB.510735.90	hypothetical protein, conserved	0,0518	0,7466
TcCLB.506695.10	actin-like protein, putative	0,0517	0,7424
TcCLB.508443.40	hypothetical protein	0,05152	0,7366
TcCLB.508691.20	hypothetical protein, conserved	0,05136	0,7082
TcCLB.507979.50	hypothetical protein, conserved	0,05132	0,637
TcCLB.508325.30	dispersed gene family protein 1 (DGF-1), putative	0,05126	0,7577
TcCLB.507517.110	hypothetical protein, conserved	0,05118	0,7253
TcCLB.511545.30	hypothetical protein, conserved	0,05103	0,6851
TcCLB.507629.20	hypothetical protein, conserved	0,051	0,5698
TcCLB.508819.10	hypothetical protein, conserved	0,05083	0,7494
TcCLB.511287.150	fibrillarin, putative	0,05077	0,7034
TcCLB.511101.19	retrotransposon hot spot (RHS) protein, putative	0,05055	0,7605
TcCLB.508177.60	hypothetical protein, conserved	0,05053	0,7009
TcCLB.504137.160	hypothetical protein, conserved	0,05053	0,7896
TcCLB.509505.20	hypothetical protein, conserved	0,05052	0,7121
TcCLB.420293.31	hypothetical protein	0,05038	0,871
TcCLB.510729.90	hypothetical protein, conserved	0,05036	0,7056
TcCLB.508541.140	surface protease GP63 (pseudogene), putative	0,05027	0,8461
TcCLB.442427.10	trans-sialidase (pseudogene), putative	0,05017	0,8045
TcCLB.503479.49	U6 snRNA-associated Sm-like protein LSm7p	0,05016	0,7461
TcCLB.511463.10	rRNA dimethyltransferase, putative	0,05012	0,7103
TcCLB.506779.170	haloacid dehalogenase hydrolase, putative	0,05009	0,7084
TcCLB.508601.110	hypothetical protein, conserved	0,04992	0,6041
TcCLB.510725.30	hypothetical protein, conserved	0,0499	0,7485
TcCLB.508743.5	hypothetical protein, conserved (pseudogene)	0,04985	0,8749
TcCLB.506505.40	protein kinase, putative	0,04977	0,632
TcCLB.505051.20	Checkpoint protein HUS1, putative (hus1)	0,04955	0,6809
TcCLB.505941.10	surface protease GP63, putative	0,04949	0,7661
TcCLB.507515.130	hypothetical protein, conserved	0,04943	0,7478
TcCLB.507223.20	hypothetical protein, conserved	0,04937	0,8582
TcCLB.467795.19	hypothetical protein, conserved	0,04916	0,7626
TcCLB.511215.40	hypothetical protein, conserved	0,04913	0,6294
TcCLB.508041.20	hypothetical protein, conserved	0,04904	0,6714
TcCLB.504077.40	translation elongation factor EF-2, putative	0,04904	0,6871
TcCLB.511801.4	hypothetical protein, conserved	0,04895	0,7038
TcCLB.508953.40	hypothetical protein, conserved	0,04874	0,7339
TcCLB.508175.189	hypothetical protein, conserved	0,04874	0,7371
TcCLB.511365.70	proteasome regulatory non-ATP-ase subunit 9, putative (F	0,0487	0,6636
TcCLB.511493.5	hypothetical protein, conserved	0,0487	0,857
TcCLB.509081.10	elongation factor 1-gamma (EF-1-gamma), putative	0,0486	0,8192
TcCLB.509733.90	hypothetical protein, conserved	0,04855	0,6416
TcCLB.508277.130	hypothetical protein, conserved	0,04847	0,778
TcCLB.511283.109	AP-4 complex subunit sigma-1, putative	0,04836	0,7548
TcCLB.511301.110	inosine-5'-monophosphate dehydrogenase, putative	0,04829	0,5225

TcCLB.511355.30	phosphatidic acid phosphatase protein, putative	0,04792	0,6996
TcCLB.508693.10	cleavage and polyadenylation specificity factor, putative	0,04782	0,5957
TcCLB.511209.50	hypothetical protein, conserved	0,04774	0,7223
TcCLB.508323.30	hypothetical protein, conserved	0,04763	0,7275
TcCLB.503909.110	intraflagellar transport (IFT) protein, putative (IFT20)	0,04749	0,7599
TcCLB.507681.40	hypothetical protein	0,04748	0,7264
TcCLB.503673.27	8-oxoguanine DNA glycosylase (pseudogene), putative	0,04746	0,8399
TcCLB.506419.10	ribosomal protein L7/L12, putative	0,04731	0,7625
TcCLB.508629.68	N-acetyltransferase complex ARD1 subunit (pseudogene),	0,04731	0,867
TcCLB.504147.320	hypothetical protein, conserved	0,04722	0,5993
TcCLB.506679.220	nucleoplasmin-like protein (NLP), putative	0,04722	0,6175
TcCLB.506559.260	ATP-dependent RNA helicase, putative	0,04721	0,6008
TcCLB.506175.50	hypothetical protein, conserved	0,04721	0,6588
TcCLB.509217.143	ATP-dependent DEAD/H RNA helicase (pseudogene), puta	0,04714	0,8864
TcCLB.507641.30	hypothetical protein, conserved	0,04705	0,6442
TcCLB.506485.90	hypothetical protein, conserved	0,04691	0,6883
TcCLB.508741.380	hypothetical protein, conserved	0,04689	0,5692
TcCLB.511617.9	NUP-1 protein (pseudogene), putative	0,04684	0,5172
TcCLB.506247.180	hypothetical protein, conserved	0,04683	0,6322
TcCLB.506233.20	retrotransposon hot spot protein (RHS, pseudogene), puta	0,04681	0,8658
TcCLB.511865.90	dynein heavy chain, putative	0,04633	0,7264
TcCLB.508199.60	hypothetical protein, conserved	0,04633	0,8188
TcCLB.510685.20	hypothetical protein	0,04627	0,7585
TcCLB.504047.50	hypothetical protein, conserved	0,04625	0,6679
TcCLB.507817.60	Present in the outer mitochondrial membrane proteome 3	0,0461	0,6294
TcCLB.507515.40	hypothetical protein, conserved	0,0461	0,7761
TcCLB.508707.340	serine/threonine protein phosphatase, putative (fragment	0,04602	0,8282
TcCLB.507491.130	hypothetical protein, conserved	0,046	0,7283
TcCLB.510431.180	Present in the outer mitochondrial membrane proteome 1	0,04599	0,6986
TcCLB.508881.80	DNA ligase, putative	0,04589	0,8163
TcCLB.506477.30	tubulin-tyrosine ligase, putative	0,04582	0,7061
TcCLB.511001.230	hypothetical protein, conserved	0,04574	0,7209
TcCLB.509455.20	hypothetical protein, conserved	0,0457	0,7074
TcCLB.509119.10	oligomeric golgi complex component 8, putative	0,04568	0,7277
TcCLB.508409.270	RNA-binding protein, putative	0,04553	0,7065
TcCLB.509647.150	calcium-transporting ATPase, putative	0,04552	0,5887
TcCLB.506779.60	DNA-directed RNA polymerase II, subunit 9, putative	0,04507	0,7582
TcCLB.511439.70	hypothetical protein, conserved	0,04496	0,7084
TcCLB.508859.109	exosome complex exonuclease, putative	0,04491	0,8078
TcCLB.506025.70	dolichyl-lipid chaperone, putative (rft1)	0,04466	0,7841
TcCLB.509157.110	hypothetical protein, conserved	0,04466	0,8048
TcCLB.508995.30	tubulin-tyrosine ligase, putative	0,04465	0,7327
TcCLB.508525.30	hypothetical protein, conserved	0,04446	0,7066
TcCLB.504109.30	hypothetical protein, conserved	0,04443	0,6781
TcCLB.510933.140	trans-sialidase (pseudogene), putative	0,04435	0,9053



TcCLB.511543.50	hypothetical protein, conserved	0,04432	0,7867
TcCLB.503577.20	U2 splicing auxiliary factor, putative (u2af26)	0,04427	0,616
TcCLB.508059.10	hypothetical protein, conserved	0,0442	0,8039
TcCLB.511575.110	hypothetical protein, conserved	0,04419	0,7068
TcCLB.509459.40	hypothetical protein, conserved	0,04416	0,7092
TcCLB.507801.114	aldo-keto reductase (pseudogene), putative	0,04412	0,7865
TcCLB.506847.4	hypothetical protein, conserved	0,0439	0,8421
TcCLB.506893.50	hypothetical protein, conserved	0,04387	0,8395
TcCLB.511433.20	hypothetical protein, conserved	0,04381	0,8591
TcCLB.510943.190	myosin heavy chain MYA2-related, putative	0,04374	0,6958
TcCLB.506637.20	hypothetical protein, conserved	0,04374	0,7561
TcCLB.509715.26	hypothetical protein, conserved	0,04374	0,7752
TcCLB.508121.15	hypothetical protein, conserved (pseudogene)	0,04373	0,8246
TcCLB.508153.800	hypothetical protein	0,04371	0,7652
TcCLB.508919.90	hypothetical protein, conserved	0,0437	0,7786
TcCLB.509915.10	trans-sialidase (pseudogene), putative	0,04355	0,8639
TcCLB.508631.40	hypothetical protein, conserved (pseudogene)	0,0434	0,7261
TcCLB.504167.20	mucin TcMUCl, putative	0,0434	0,7977
TcCLB.506567.134	hypothetical protein, conserved	0,04336	0,7353
TcCLB.509979.110	hypothetical protein, conserved	0,04336	0,8095
TcCLB.507669.84	ATP-dependent DEAD/H RNA helicase, putative	0,04328	0,6726
TcCLB.511719.10	phosphatidylinositol 3-related kinase, putative	0,04314	0,6551
TcCLB.510215.10	NADH-dependent fumarate reductase, putative	0,04313	0,7865
TcCLB.510629.101	hypothetical protein, conserved (pseudogene)	0,0431	0,941
TcCLB.510741.50	hypothetical protein, conserved	0,04303	0,7139
TcCLB.509065.130	hypothetical protein, conserved	0,043	0,7501
TcCLB.509601.5	mannosyl-oligosaccharide 1,2-alpha-mannosidase IB, putative	0,04282	0,8674
TcCLB.507821.101	hypothetical protein, conserved (pseudogene)	0,04272	0,8415
TcCLB.507053.60	hypothetical protein, conserved	0,0427	0,6873
TcCLB.510089.160	hypothetical protein, conserved (pseudogene)	0,04265	0,6459
TcCLB.504047.34	acylphosphatase, putative	0,04245	0,8201
TcCLB.506407.30	hypothetical protein, conserved	0,04231	0,736
TcCLB.511211.20	Coatmer subunit gamma (COPG)	0,04229	0,6561
TcCLB.506983.10	hypothetical protein, conserved	0,04228	0,7962
TcCLB.503993.30	surface protease GP63, putative	0,04228	0,8221
TcCLB.504055.81	ubiquitin-protein ligase, putative	0,04223	0,7559
TcCLB.511491.60	kinesin, putative	0,04221	0,6691
TcCLB.509507.40	hypothetical protein, conserved	0,04212	0,7665
TcCLB.503635.89	hypothetical protein, conserved	0,0421	0,7884
TcCLB.508347.80	Present in the outer mitochondrial membrane proteome 2	0,04206	0,6612
TcCLB.510687.80	hypothetical protein, conserved	0,04203	0,765
TcCLB.510089.70	hypothetical protein	0,04199	0,8394
TcCLB.506649.110	hypothetical protein, conserved	0,04193	0,8027
TcCLB.506473.14	Protein transport protein yif1, putative	0,04189	0,763
TcCLB.508153.160	hypothetical protein, conserved	0,04185	0,799

TcCLB.506989.309	hypothetical protein, conserved	0,0417	0,7116
TcCLB.506729.30	hypothetical protein, conserved	0,04169	0,8176
TcCLB.504153.300	GTPase protein, putative	0,04165	0,7104
TcCLB.405737.14	hypothetical protein	0,04159	0,7876
TcCLB.511855.60	hypothetical protein, conserved	0,04152	0,7653
TcCLB.503525.50	RNA helicase, putative	0,04137	0,799
TcCLB.503855.80	hypothetical protein, conserved	0,04125	0,7394
TcCLB.507667.11	hypothetical protein, conserved (fragment)	0,04119	0,781
TcCLB.511771.199	hypothetical protein	0,04114	0,9225
TcCLB.507625.160	hypothetical protein, conserved	0,04113	0,8281
TcCLB.506583.50	hypothetical protein, conserved	0,0411	0,7755
TcCLB.510203.19	surface protease GP63 (pseudogene), putative	0,04106	0,9229
TcCLB.504131.110	hypothetical protein, conserved	0,04094	0,7987
TcCLB.506155.10	hypothetical protein, conserved	0,04093	0,768
TcCLB.509751.10	hypothetical protein, conserved	0,04089	0,7983
TcCLB.510307.19	mucin-associated surface protein (MASP, pseudogene), pu	0,04075	0,8603
TcCLB.503823.150	hypothetical protein, conserved	0,04068	0,7638
TcCLB.510769.40	hypothetical protein, conserved	0,04063	0,7643
TcCLB.511119.10	dispersed gene family protein 1 (DGF-1), putative (fragmε	0,04054	0,885
TcCLB.503703.10	hypothetical protein, conserved	0,0405	0,773
TcCLB.506173.10	hypothetical protein, conserved	0,04049	0,8117
TcCLB.510747.114	hypothetical protein, conserved	0,04047	0,8703
TcCLB.509023.40	hypothetical protein, conserved	0,04043	0,7627
TcCLB.510339.7	hypothetical protein, conserved (fragment)	0,04041	0,7686
TcCLB.511907.60	hypothetical protein, conserved	0,0404	0,7806
TcCLB.506925.160	hypothetical protein, conserved	0,04033	0,784
TcCLB.506821.50	hypothetical protein	0,04028	0,8318
TcCLB.509825.7	hypothetical protein, conserved	0,0402	0,9288
TcCLB.505999.110	NADH-ubiquinone oxidoreductase complex I subunit, putat	0,04005	0,7702
TcCLB.510667.60	peptidyl-prolyl cis-trans isomerase (cyclophilin), putative	0,03989	0,7884
TcCLB.510531.90	hypothetical protein, conserved (pseudogene)	0,0398	0,7682
TcCLB.507491.10	hypothetical protein, conserved	0,03977	0,7493
TcCLB.509017.20	hypothetical protein, conserved	0,03972	0,7565
TcCLB.506699.10	hypothetical protein, conserved	0,03971	0,8121
TcCLB.507089.280	chaperone DnaJ protein (pseudogene), putative	0,03971	0,8552
TcCLB.511561.20	dispersed gene family protein 1 (DGF-1), putative	0,03967	0,8337
TcCLB.511529.259	hypothetical protein, conserved	0,03965	0,8817
TcCLB.508303.40	hypothetical protein, conserved	0,03961	0,7944
TcCLB.508817.140	hypothetical protein, conserved	0,03948	0,6995
TcCLB.506221.129	hypothetical protein, conserved (fragment)	0,03939	0,798
TcCLB.511867.50	proteasome alpha 7 subunit, putative	0,03935	0,7475
TcCLB.507811.20	delta-adaptin, putative	0,03934	0,7468
TcCLB.507925.30	hypothetical protein, conserved	0,03931	0,8582
TcCLB.507389.79	hypothetical protein, conserved	0,03928	0,8231
TcCLB.506815.40	mitochondrial RNA binding complex 1 subunit, putative	0,03924	0,8185

TcCLB.509005.10	axoneme central apparatus protein (fragment) (PF16)	0,03924	0,846
TcCLB.508277.80	hypothetical protein, conserved	0,03916	0,7963
TcCLB.509965.360	hypothetical protein, conserved	0,03908	0,8108
TcCLB.503583.100	hypothetical protein, conserved	0,03905	0,8203
TcCLB.507673.10	serine/threonine-protein phosphatase PP1, putative	0,03905	0,8233
TcCLB.508601.100	hypothetical protein, conserved	0,03888	0,6971
TcCLB.510667.4	hypothetical protein, conserved (fragment)	0,03886	0,7833
TcCLB.461927.9	adenosine monophosphate deaminase, putative	0,03883	0,7983
TcCLB.506953.45	ascorbate-dependent peroxidase (pseudogene), putative	0,03877	0,8506
TcCLB.503825.19	protein kinase, putative	0,03867	0,8798
TcCLB.422189.10	nucleoside phosphatase, putative	0,03866	0,7836
TcCLB.507771.60	hypothetical protein, conserved	0,03854	0,7054
TcCLB.503833.50	hypothetical protein, conserved	0,03841	0,6722
TcCLB.508153.500	helicase, putative	0,0384	0,6636
TcCLB.511843.60	retrotransposon hot spot protein (RHS, pseudogene), puta	0,03824	0,8523
TcCLB.508707.100	hypothetical protein, conserved	0,03822	0,7139
TcCLB.510737.90	hypothetical protein, conserved	0,0379	0,8276
TcCLB.511815.4	proteasome regulatory ATPase subunit 5, putative (fragm	0,03789	0,7725
TcCLB.511033.20	hypothetical protein	0,03777	0,7528
TcCLB.506695.4	Putative intraflagellar transport protein C3 (fragment) (PII	0,03765	0,811
TcCLB.506127.140	hypothetical protein	0,03747	0,7112
TcCLB.510533.40	Mu-adaptin 1, putative	0,03746	0,7329
TcCLB.511107.10	hypothetical protein, conserved (pseudogene)	0,03745	0,7561
TcCLB.506989.70	flagellar radial spoke protein-like, putative	0,0373	0,799
TcCLB.511179.114	hypothetical protein, conserved	0,03723	0,8322
TcCLB.469785.30	hypothetical protein	0,03714	0,8022
TcCLB.511787.30	hypothetical protein, conserved (pseudogene)	0,03711	0,8715
TcCLB.504047.70	hypothetical protein, conserved	0,03704	0,7374
TcCLB.510325.50	DNA replication complex GINS protein SLD5, putative	0,03704	0,8419
TcCLB.510105.36	hypothetical protein, conserved	0,03694	0,7983
TcCLB.504203.20	sec1-like protein, putative	0,03691	0,7161
TcCLB.510873.20	surface protease GP63, putative	0,0369	0,7969
TcCLB.506227.210	hypothetical protein, conserved	0,0369	0,8121
TcCLB.506459.160	mucin TcMUCII (pseudogene), putative	0,03683	0,9216
TcCLB.508837.130	hypothetical protein, conserved	0,03679	0,7714
TcCLB.506725.40	hypothetical protein, conserved	0,03679	0,809
TcCLB.509319.20	hypothetical protein, conserved	0,03678	0,8706
TcCLB.507085.30	trans-sialidase, Group I, putative	0,03671	0,7576
TcCLB.508153.310	protein kinase, putative	0,03659	0,7665
TcCLB.506477.14	hypothetical protein, conserved	0,03653	0,7999
TcCLB.506529.224	hypothetical protein, conserved	0,03644	0,826
TcCLB.511855.70	protein kinase, putative	0,03622	0,7685
TcCLB.506559.430	TPR-repeat protein, putative	0,03619	0,697
TcCLB.507023.289	hypothetical protein, conserved (fragment)	0,03609	0,85
TcCLB.504017.30	hypothetical protein, conserved	0,03601	0,7569

TcCLB.507949.60	hypothetical protein, conserved	0,0359	0,7841
TcCLB.510155.150	hypothetical protein, conserved	0,03576	0,7684
TcCLB.511127.200	kinesin, putative	0,03572	0,7759
TcCLB.508629.74	retrotransposon hot spot protein (RHS, pseudogene), puta	0,03566	0,8013
TcCLB.506885.200	hypothetical protein, conserved	0,03556	0,6973
TcCLB.507669.90	hypothetical protein, conserved	0,03545	0,7615
TcCLB.510663.50	hypothetical protein, conserved	0,03544	0,7514
TcCLB.504717.30	hypothetical protein, conserved	0,03542	0,7951
TcCLB.506201.110	hypothetical protein, conserved	0,03517	0,7984
TcCLB.510963.70	ARP2/3 complex subunit, putative	0,03516	0,8255
TcCLB.510667.20	hypothetical protein, conserved	0,03516	0,8613
TcCLB.510143.60	hypothetical protein, conserved	0,03492	0,8085
TcCLB.510565.120	hypothetical protein, conserved	0,03487	0,8129
TcCLB.503723.10	hypothetical protein, conserved	0,03478	0,8332
TcCLB.503449.20	copper homeostasis protein, putative	0,03465	0,8127
TcCLB.508029.40	hypothetical protein	0,03458	0,8531
TcCLB.507017.120	ubiquitin hydrolase, putative	0,03446	0,715
TcCLB.506753.180	hypothetical protein, conserved	0,03429	0,8591
TcCLB.509893.20	hypothetical protein, conserved	0,03426	0,7288
TcCLB.507511.71	hypothetical protein (pseudogene)	0,03426	0,9022
TcCLB.510903.10	tRNA pseudouridine synthase, putative	0,0342	0,8226
TcCLB.508625.90	DNA damage repair protein, putative	0,03418	0,7569
TcCLB.508415.59	hypothetical protein, conserved	0,03416	0,8848
TcCLB.509767.160	hypothetical protein, conserved	0,03405	0,863
TcCLB.510741.110	hypothetical protein, conserved	0,03403	0,8
TcCLB.508277.290	hypothetical protein, conserved	0,03386	0,6802
TcCLB.507809.80	hypothetical protein, conserved	0,03375	0,6721
TcCLB.506123.60	hypothetical protein, conserved	0,03374	0,8053
TcCLB.509657.61	elongation factor 1-gamma (EF-1-gamma, pseudogene),	0,0337	0,924
TcCLB.504241.85	hypothetical protein, conserved (pseudogene)	0,03368	0,8778
TcCLB.504193.51	ATP-dependent DEAD/H RNA helicase (pseudogene), puta	0,03358	0,8261
TcCLB.508075.60	hypothetical protein, conserved	0,03349	0,7948
TcCLB.511025.20	hypothetical protein, conserved	0,03346	0,7876
TcCLB.506581.69	Mutt-Nudix-related hydrolase 5, putative	0,03341	0,8496
TcCLB.510657.120	hypothetical protein, conserved	0,03338	0,8802
TcCLB.511017.30	cyclin dependent kinase-binding protein, putative	0,03335	0,7481
TcCLB.506855.209	U6 snRNA-associated Sm-like protein LSm7p	0,03332	0,8261
TcCLB.506925.480	ribokinase, putative	0,03331	0,8186
TcCLB.505267.110	dispersed gene family protein 1 (DGF-1), putative	0,03314	0,8821
TcCLB.506405.80	hypothetical protein, conserved	0,03303	0,8228
TcCLB.507981.51	trans-sialidase (pseudogene), putative	0,03303	0,9225
TcCLB.511445.20	radial spoke protein 3, putative (RSP3)	0,0329	0,7936
TcCLB.503835.30	hypothetical protein, conserved	0,0329	0,8005
TcCLB.506435.120	ATP-dependent RNA helicase, putative	0,03276	0,7377
TcCLB.510303.50	deoxyribose-phosphate aldolase, putative	0,03269	0,7963

TcCLB.504045.50	hypothetical protein	0,03268	0,7966
TcCLB.508357.100	hypothetical protein, conserved	0,03266	0,7259
TcCLB.504153.10	hypothetical protein, conserved	0,03265	0,8708
TcCLB.508543.160	hypothetical protein, conserved	0,03243	0,7703
TcCLB.507049.150	hypothetical protein, conserved	0,03238	0,8188
TcCLB.510087.40	hypothetical protein	0,03235	0,931
TcCLB.511255.700	trans-sialidase, Group V, putative	0,03233	0,9087
TcCLB.511283.240	hypothetical protein, conserved	0,0323	0,6869
TcCLB.461165.10	hypothetical protein, conserved	0,03229	0,8379
TcCLB.504017.50	hypothetical protein, conserved	0,03227	0,8642
TcCLB.506859.20	proteasome regulatory ATPase subunit 5, putative	0,03219	0,7765
TcCLB.506743.220	hypothetical protein, conserved	0,03214	0,8831
TcCLB.510101.260	hypothetical protein, conserved	0,03203	0,7601
TcCLB.507509.20	hypothetical protein, conserved	0,03203	0,7891
TcCLB.508719.80	hypothetical protein, conserved	0,03196	0,8324
TcCLB.508465.10	aminotransferase, putative	0,03193	0,8264
TcCLB.503459.10	hypothetical protein, conserved	0,03184	0,8275
TcCLB.506775.40	hypothetical protein, conserved	0,03181	0,7826
TcCLB.506825.230	hypothetical protein, conserved	0,03175	0,7219
TcCLB.506733.10	hypothetical protein, conserved	0,03174	0,8316
TcCLB.506697.10	hypothetical protein, conserved	0,03168	0,7722
TcCLB.506211.230	hypothetical protein, conserved	0,03156	0,8055
TcCLB.511753.70	hypothetical protein, conserved	0,03152	0,7717
TcCLB.509985.40	hypothetical protein, conserved	0,03144	0,8193
TcCLB.508221.697	trans-sialidase (pseudogene), putative	0,03143	0,9015
TcCLB.510533.110	hypothetical protein, conserved	0,03136	0,799
TcCLB.504147.130	hypothetical protein, conserved	0,03122	0,8085
TcCLB.508881.20	hypothetical protein, conserved	0,03096	0,8168
TcCLB.507209.50	hypothetical protein, conserved	0,03089	0,8133
TcCLB.506629.210	hypothetical protein, conserved	0,03085	0,8208
TcCLB.506869.70	mitochondrial structure specific endonuclease I (SSE-1), p	0,03081	0,8189
TcCLB.507541.40	casein kinase, putative	0,03069	0,6997
TcCLB.509059.20	hypothetical protein, conserved	0,03069	0,7881
TcCLB.511543.60	glutathione peroxidase, putative	0,03053	0,8473
TcCLB.508189.31	hypothetical protein, conserved (pseudogene)	0,03039	0,9242
TcCLB.506937.40	dynein heavy chain, putative	0,03037	0,8036
TcCLB.504041.29	DNA repair protein, putative	0,0303	0,8377
TcCLB.508131.19	hypothetical protein, conserved (fragment)	0,03023	0,836
TcCLB.507275.30	hypothetical protein, conserved	0,03021	0,8265
TcCLB.503959.30	hypothetical protein, conserved	0,03016	0,7684
TcCLB.509205.10	guanine-nucleotide-exchange-factor, putative	0,03002	0,8484
TcCLB.511317.70	RNA-binding protein, putative (RBP30)	0,02977	0,8195
TcCLB.510687.90	hypothetical protein, conserved	0,02971	0,8259
TcCLB.505183.90	hypothetical protein, conserved	0,02965	0,8889
TcCLB.507739.80	hypothetical protein, conserved	0,02961	0,7987

TcCLB.503473.10	protein kinase, putative	0,0296	0,8156
TcCLB.507669.70	Dynein intermediate chain 1, axonemal (DNAI1)	0,02953	0,827
TcCLB.508181.130	peter pan protein, putative	0,02951	0,8168
TcCLB.510423.60	hypothetical protein, conserved	0,0295	0,7951
TcCLB.509699.85	surface protease GP63 (pseudogene), putative	0,02949	0,9254
TcCLB.511239.70	hypothetical protein, conserved	0,02929	0,8118
TcCLB.506819.49	hypothetical protein, conserved	0,02929	0,8672
TcCLB.507801.90	beta-ketoacyl-ACP reductase	0,02921	0,8494
TcCLB.509999.40	COPII coat assembly protein sec16, putative (sec16)	0,02905	0,7268
TcCLB.510003.30	phosphatidylinositol 4-kinase alpha, putative	0,02899	0,7705
TcCLB.509455.120	Peptide chain release factor 1, mitochondrial, putative (RI	0,02892	0,8176
TcCLB.508823.60	hypothetical protein, conserved	0,02888	0,85
TcCLB.507911.15	retrotransposon hot spot protein (RHS, pseudogene), puta	0,02878	0,9073
TcCLB.511491.90	hypothetical protein	0,0287	0,8521
TcCLB.507641.150	hypothetical protein, conserved	0,02864	0,7675
TcCLB.511385.110	hypothetical protein	0,02856	0,8664
TcCLB.507515.30	hypothetical protein, conserved	0,0285	0,8831
TcCLB.511439.120	aminopeptidase, putative	0,02845	0,7779
TcCLB.506809.5	retrotransposon hot spot (RHS) protein, putative	0,02838	0,9334
TcCLB.510437.45	hypothetical protein	0,02822	0,8686
TcCLB.507669.104	transcription elongation factor, putative	0,02817	0,8289
TcCLB.506357.90	DNA-directed RNA polymerase II/III subunit, putative	0,02813	0,8417
TcCLB.504193.30	retrotransposon hot spot protein (RHS, pseudogene), puta	0,02804	0,8189
TcCLB.510629.450	hypothetical protein, conserved	0,02795	0,8466
TcCLB.510513.20	hypothetical protein, conserved	0,02784	0,8263
TcCLB.504037.40	hypothetical protein, conserved	0,02781	0,8901
TcCLB.509683.20	hypothetical protein, conserved	0,0277	0,808
TcCLB.509105.80	hypothetical protein, conserved	0,02745	0,8543
TcCLB.508409.190	hypothetical protein, conserved	0,02745	0,8919
TcCLB.507081.30	translation elongation factor EF-2, putative	0,02734	0,8039
TcCLB.506215.19	intraflagellar transport protein 140, putative (IFT140)	0,02728	0,7504
TcCLB.510043.40	hypothetical protein, conserved	0,02719	0,8275
TcCLB.503971.59	hypothetical protein, conserved (fragment)	0,02719	0,8604
TcCLB.509157.230	hypothetical protein, conserved	0,02714	0,8031
TcCLB.510601.10	hypothetical protein, conserved	0,02713	0,9033
TcCLB.511417.129	hypothetical protein, conserved	0,0271	0,9368
TcCLB.511907.250	hypothetical protein	0,02699	0,7936
TcCLB.508781.40	hypothetical protein, conserved	0,02688	0,8292
TcCLB.510551.15	hypothetical protein	0,02675	0,9298
TcCLB.504147.10	hypothetical protein, conserved	0,02671	0,8038
TcCLB.509757.10	hypothetical protein, conserved	0,02662	0,8425
TcCLB.506145.50	hypothetical protein, conserved	0,02653	0,9106
TcCLB.511255.160	trans-sialidase (pseudogene), putative	0,02646	0,9452
TcCLB.510579.30	hypothetical protein, conserved	0,02644	0,7841
TcCLB.504003.80	hypothetical protein, conserved	0,02643	0,9155

TcCLB.503809.50	hypothetical protein, conserved	0,02621	0,8813
TcCLB.508879.180	hypothetical protein, conserved	0,02616	0,8769
TcCLB.508637.70	RNA helicase, putative	0,02604	0,8156
TcCLB.508999.10	DnaJ chaperone protein, putative	0,02556	0,8211
TcCLB.510747.26	hypothetical protein, conserved	0,02544	0,914
TcCLB.509317.50	Asparagine-linked glycosylation protein 12 (ALG12)	0,02535	0,8454
TcCLB.508729.9	hypothetical protein, conserved	0,02511	0,9058
TcCLB.507017.100	hypothetical protein, conserved	0,02501	0,8961
TcCLB.506217.30	hypothetical protein	0,02501	0,9299
TcCLB.508731.50	dynein light chain Tctex-type, putative	0,02495	0,8798
TcCLB.508917.30	kinesin, putative	0,02479	0,8254
TcCLB.508771.60	retrotransposon hot spot protein (RHS, pseudogene), puta	0,02478	0,8562
TcCLB.509797.50	hypothetical protein, conserved	0,02473	0,8732
TcCLB.503971.40	translation initiation factor 2 subunit, putative	0,02466	0,8732
TcCLB.511761.40	hypothetical protein, conserved	0,02466	0,934
TcCLB.511293.30	DNA-directed RNA polymerases I and III subunit RPAC1, p	0,02447	0,862
TcCLB.509775.9	protein kinase, putative (fragment)	0,02438	0,896
TcCLB.506925.210	hypothetical protein, conserved	0,02426	0,9066
TcCLB.507011.50	Pre-rRNA-processing protein PNO1, putative (PNO1)	0,02425	0,8612
TcCLB.506483.69	mitogen activated protein kinase 4, putative (MPK4)	0,02406	0,8787
TcCLB.506805.20	hypothetical protein	0,02399	0,9447
TcCLB.503955.100	protein kinase, putative	0,02391	0,8401
TcCLB.504643.30	ubiquitin-conjugating enzyme E2, putative	0,02381	0,8222
TcCLB.510719.130	hypothetical protein, conserved	0,02377	0,8587
TcCLB.504251.30	hypothetical protein, conserved	0,02376	0,8461
TcCLB.506999.110	hypothetical protein, conserved	0,02366	0,8261
TcCLB.507989.40	ATP-dependent DEAD/H DNA helicase recQ, putative	0,02358	0,8114
TcCLB.510731.50	small nuclear RNA gene activation protein (SNAP) 50, put	0,02357	0,8316
TcCLB.503869.50	exosome-associated protein 1, putative (EAP1)	0,02355	0,8514
TcCLB.507797.18	serine/threonine protein kinase, putative	0,02353	0,8879
TcCLB.510687.70	hypothetical protein, conserved	0,02346	0,8927
TcCLB.509747.50	hypothetical protein, conserved	0,02319	0,8481
TcCLB.509805.50	hypothetical protein, conserved	0,02319	0,8862
TcCLB.511211.230	hypothetical protein, conserved	0,02318	0,8425
TcCLB.506227.120	hypothetical protein, conserved	0,02317	0,8602
TcCLB.508909.250	hypothetical protein, conserved	0,02315	0,8601
TcCLB.509111.10	hypothetical protein, conserved	0,02291	0,862
TcCLB.509895.50	hypothetical protein, conserved	0,02274	0,8277
TcCLB.509789.50	rab-like GTPase activating protein, putative	0,02273	0,8617
TcCLB.503955.30	hypothetical protein, conserved	0,02258	0,8679
TcCLB.503421.7	N-acetyltransferase complex ARD1 subunit (pseudogene),	0,02251	0,9436
TcCLB.507729.41	elongation factor 1-gamma (EF-1-gamma, pseudogene),	0,02236	0,9575
TcCLB.508117.10	surface protease GP63 (pseudogene), putative	0,02225	0,9182
TcCLB.509707.20	hypothetical protein, conserved	0,02222	0,812
TcCLB.504105.70	hypothetical protein, conserved	0,02214	0,8682

TcCLB.504431.109	cytochrome b5, putative	0,02207	0,8906
TcCLB.510311.70	26S protease regulatory subunit, putative	0,02199	0,8375
TcCLB.510289.20	hypothetical protein, conserved	0,02191	0,844
TcCLB.510013.270	trans-sialidase (pseudogene), putative	0,02185	0,9211
TcCLB.506247.400	hypothetical protein, conserved	0,02172	0,889
TcCLB.506401.300	hypothetical protein, conserved	0,02163	0,8717
TcCLB.506401.130	hypothetical protein, conserved	0,02157	0,8742
TcCLB.504703.10	glycosyl hydrolase (pseudogene), putative	0,0215	0,8378
TcCLB.506195.280	hypothetical protein, conserved	0,02141	0,8237
TcCLB.509733.134	hypothetical protein, conserved	0,02138	0,914
TcCLB.509575.30	hypothetical protein, conserved	0,0213	0,8727
TcCLB.504153.280	hypothetical protein, conserved	0,02106	0,8952
TcCLB.508909.240	hypothetical protein, conserved	0,021	0,8672
TcCLB.506357.29	dynein light chain Tctex-type, putative	0,02086	0,9088
TcCLB.510943.23	hypothetical protein, conserved	0,0208	0,8819
TcCLB.507801.140	TPR-repeat protein, putative	0,02074	0,8709
TcCLB.506327.10	proteasome subunit alpha type-1, putative (fragment) (PS	0,02059	0,8937
TcCLB.506543.20	hypothetical protein, conserved	0,02053	0,8399
TcCLB.509965.10	hypothetical protein, conserved (pseudogene)	0,02048	0,8885
TcCLB.506373.30	retrotransposon hot spot protein (RHS, pseudogene), puta	0,02035	0,901
TcCLB.508899.40	hypothetical protein, conserved	0,02015	0,8476
TcCLB.510741.124	hypothetical protein, conserved	0,02015	0,8899
TcCLB.510769.140	hypothetical protein, conserved	0,01997	0,8908
TcCLB.510121.40	hypothetical protein	0,01995	0,8979
TcCLB.509897.250	retrotransposon hot spot protein (RHS, pseudogene), puta	0,01971	0,9011
TcCLB.509115.41	elongation factor 1-gamma (EF-1-gamma, pseudogene),	0,01959	0,9298
TcCLB.509161.10	ubiquitin-conjugating enzyme E2, putative	0,01927	0,8804
TcCLB.506163.80	katanin, putative	0,01924	0,8913
TcCLB.506525.20	protein transport protein SEC13, putative	0,0192	0,8938
TcCLB.503593.30	hypothetical protein, conserved	0,0189	0,8802
TcCLB.509007.90	hypothetical protein	0,01888	0,9069
TcCLB.508827.100	splicing factor 3B subunit 1, putative	0,01884	0,8381
TcCLB.511277.590	hypothetical protein, conserved	0,01879	0,8602
TcCLB.510143.40	UBX domain-containing protein	0,01875	0,8639
TcCLB.511421.100	Enkuring domain-containig protein	0,01856	0,8598
TcCLB.506359.50	hypothetical protein, conserved	0,01829	0,9169
TcCLB.509151.110	hypothetical protein, conserved	0,01824	0,8597
TcCLB.506797.10	hypothetical protein, conserved	0,01766	0,8796
TcCLB.510187.510	hypothetical protein, conserved	0,01754	0,9042
TcCLB.410797.10	surface protease GP63, putative	0,01751	0,9053
TcCLB.507603.180	ubiquitin hydrolase, putative	0,01749	0,8687
TcCLB.507047.60	hypothetical protein, conserved	0,01748	0,9106
TcCLB.509497.9	hypothetical protein, conserved	0,01739	0,916
TcCLB.507083.90	hypothetical protein, conserved	0,01733	0,9142
TcCLB.508201.20	surface protease GP63 (pseudogene), putative	0,01731	0,9542



TcCLB.510763.40	hypothetical protein, conserved	0,01729	0,9216
TcCLB.503723.70	protein farnesyltransferase, putative	0,01726	0,8923
TcCLB.504797.60	hypothetical protein, conserved	0,01725	0,8847
TcCLB.508411.40	hypothetical protein, conserved	0,01717	0,8998
TcCLB.507039.41	hypothetical protein, conserved	0,01717	0,9282
TcCLB.504147.200	Regulatory particle triple-A ATPase subunit 6 (RPT6)	0,01705	0,89
TcCLB.511815.80	3'a2rel-related protein, putative	0,01705	0,916
TcCLB.503985.10	trans-sialidase (pseudogene), putative	0,01694	0,945
TcCLB.508647.20	hypothetical protein	0,0169	0,8729
TcCLB.508461.146	hypothetical protein, conserved	0,01675	0,8967
TcCLB.412509.10	retrotransposon hot spot (RHS) protein, putative	0,01656	0,9449
TcCLB.511383.70	hypothetical protein, conserved	0,01653	0,9212
TcCLB.510835.24	mitochondrial carrier protein, putative	0,01649	0,9173
TcCLB.506595.70	trans-sialidase (pseudogene), putative	0,01639	0,926
TcCLB.504427.140	hypothetical protein, conserved	0,01633	0,9053
TcCLB.508469.4	hypothetical protein, conserved (fragment)	0,0163	0,9073
TcCLB.508461.450	hypothetical protein, conserved	0,0162	0,8962
TcCLB.510759.160	metacaspase 5, putative	0,01618	0,8813
TcCLB.506195.270	hypothetical protein, conserved	0,01617	0,8884
TcCLB.511297.20	anaphase promoting complex subunit 10, putative	0,01612	0,9277
TcCLB.509777.90	hypothetical protein, conserved	0,01604	0,8947
TcCLB.506811.80	hypothetical protein, conserved	0,01599	0,9087
TcCLB.509671.180	hypothetical protein, conserved	0,01597	0,9216
TcCLB.511725.180	dynein, putative	0,01595	0,9029
TcCLB.510349.70	hypothetical protein, conserved	0,0159	0,9234
TcCLB.508541.100	surface protease GP63, putative	0,0158	0,964
TcCLB.511751.110	hypothetical protein, conserved	0,01568	0,902
TcCLB.506611.55	elongation factor 1-gamma (EF-1-gamma, pseudogene),	0,01559	0,9749
TcCLB.510303.30	hypothetical protein, conserved	0,01558	0,8803
TcCLB.510759.170	hypothetical protein, conserved	0,01545	0,8831
TcCLB.510203.49	hypothetical protein, conserved (pseudogene)	0,01532	0,9366
TcCLB.509875.220	hypothetical protein, conserved	0,0153	0,8974
TcCLB.511467.4	hypothetical protein, conserved	0,0152	0,914
TcCLB.508965.90	hypothetical protein, conserved	0,01494	0,8838
TcCLB.510513.60	hypothetical protein, conserved	0,01489	0,9264
TcCLB.506513.100	hypothetical protein, conserved	0,01485	0,8907
TcCLB.511367.90	hypothetical protein, conserved	0,01483	0,8885
TcCLB.508141.30	hypothetical protein, conserved	0,01475	0,9022
TcCLB.508479.300	hypothetical protein, conserved	0,01474	0,9141
TcCLB.460747.30	hypothetical protein, conserved	0,01474	0,9454
TcCLB.507723.70	hypothetical protein, conserved (pseudogene)	0,01467	0,889
TcCLB.510187.390	Protein kinase domain, putative	0,01457	0,8997
TcCLB.509717.140	hypothetical protein, conserved (pseudogene)	0,01449	0,9524
TcCLB.506367.140	hypothetical protein, conserved	0,01444	0,9087
TcCLB.509127.80	hypothetical protein, conserved	0,01442	0,9379

TcCLB.508061.50	dispersed gene family protein 1 (DGF-1), putative	0,01437	0,9195
TcCLB.508815.110	serine/threonine protein phosphatase catalytic subunit, pi	0,01436	0,8884
TcCLB.510901.30	hypothetical protein, conserved	0,01432	0,9191
TcCLB.509669.90	hypothetical protein, conserved	0,01429	0,9153
TcCLB.510359.230	hypothetical protein, conserved	0,01404	0,9003
TcCLB.509161.40	centrin, putative	0,01397	0,9288
TcCLB.510165.10	heat shock protein DNAJ, putative	0,01394	0,916
TcCLB.511001.170	hypothetical protein, conserved	0,01388	0,8906
TcCLB.507023.220	hypothetical protein, conserved	0,01386	0,8984
TcCLB.507811.60	vesicle-associated membrane protein, putative	0,01378	0,9159
TcCLB.508299.30	hypothetical protein	0,01374	0,8879
TcCLB.503919.10	spliced leader RNA PSE-promoter transcription factor, put	0,01373	0,9134
TcCLB.509171.100	hypothetical protein, conserved	0,01358	0,9098
TcCLB.503979.10	ethanolamine phosphotransferase, putative (fragment)	0,01358	0,9118
TcCLB.506127.80	molybdopterin synthase sulphurylase-like protein, putative	0,0135	0,9147
TcCLB.509265.23	N-acetyltransferase complex ARD1 subunit (pseudogene),	0,01337	0,9636
TcCLB.507083.109	hypothetical protein, conserved (fragment)	0,01325	0,902
TcCLB.509429.270	proteasome regulatory ATPase subunit 3, putative	0,01324	0,889
TcCLB.510773.9	hypothetical protein, conserved (fragment)	0,01322	0,9457
TcCLB.508397.60	methyltransferase, putative	0,01321	0,9397
TcCLB.509965.130	hypothetical protein, conserved	0,01318	0,9458
TcCLB.409101.9	hypothetical protein, conserved (fragment)	0,01312	0,9496
TcCLB.508355.10	hypothetical protein, conserved	0,01304	0,9298
TcCLB.506221.60	hypothetical protein, conserved (pseudogene)	0,01301	0,9032
TcCLB.506871.90	hypothetical protein, conserved	0,01295	0,8979
TcCLB.508741.90	hypothetical protein	0,01293	0,9202
TcCLB.504103.109	hypothetical protein, conserved	0,01288	0,9364
TcCLB.506557.30	hypothetical protein, conserved	0,01282	0,9139
TcCLB.507851.30	hypothetical protein, conserved	0,01281	0,9023
TcCLB.507839.35	trans-sialidase, putative	0,01274	0,9608
TcCLB.511895.50	hypothetical protein, conserved	0,01273	0,909
TcCLB.508329.9	potassium voltage-gated channel, putative	0,01268	0,9737
TcCLB.506587.80	hypothetical protein, conserved	0,01267	0,9218
TcCLB.504147.330	hypothetical protein, conserved	0,01265	0,8764
TcCLB.506177.10	hypothetical protein, conserved	0,01264	0,9245
TcCLB.510879.90	hypothetical protein, conserved	0,01239	0,941
TcCLB.510763.90	hypothetical protein, conserved	0,01233	0,9424
TcCLB.506705.30	hypothetical protein, conserved	0,0123	0,9434
TcCLB.411059.18	clathrin heavy chain, putative	0,01222	0,9407
TcCLB.507711.235	deoxyribodipyrimidine photo-lyase, putative	0,01215	0,9339
TcCLB.506211.20	hypothetical protein, conserved	0,01212	0,9319
TcCLB.510509.9	inositol 1,4,5-trisphosphate receptor, putative (fragment)	0,01203	0,9298
TcCLB.510901.200	differentiation inhibitory kinase, putative (ZFK)	0,01198	0,9087
TcCLB.463269.10	eukaryotic translation initiation factor 1A, putative (fragm	0,01193	0,9693
TcCLB.505941.40	hypothetical protein, conserved	0,01184	0,9394

TcCLB.507923.20	U3 small nuclear ribonucleoprotein (snRNP), putative	0,0118	0,9033
TcCLB.507229.25	trans-sialidase (pseudogene), putative	0,01174	0,9383
TcCLB.506667.110	trans-sialidase (pseudogene), putative	0,01173	0,9645
TcCLB.508043.40	kinesin, putative	0,01163	0,9106
TcCLB.506585.90	RNA processing endonuclease 1, putative	0,01147	0,9337
TcCLB.434931.20	hypothetical protein, conserved	0,01144	0,9407
TcCLB.506275.90	hypothetical protein, conserved	0,0113	0,9364
TcCLB.507359.30	hypothetical protein, conserved (pseudogene)	0,0112	0,9846
TcCLB.511181.70	hypothetical protein, conserved	0,01113	0,9468
TcCLB.507787.30	hypothetical protein, conserved	0,01113	0,9555
TcCLB.479379.9	dynein heavy chain, putative	0,01093	0,9212
TcCLB.508641.220	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, p	0,01093	0,9469
TcCLB.511145.30	hypothetical protein, conserved	0,01079	0,9298
TcCLB.508741.260	hypothetical protein, conserved	0,01062	0,9311
TcCLB.509135.9	hypothetical protein (fragment)	0,01061	0,9564
TcCLB.508141.70	Kinesin-13 4, putative (KIN13-4)	0,01047	0,9462
TcCLB.511521.20	hypothetical protein, conserved	0,01042	0,943
TcCLB.509795.30	hypothetical protein, conserved	0,01038	0,9327
TcCLB.510989.50	hypothetical protein, conserved	0,01021	0,9091
TcCLB.508027.30	hypothetical protein, conserved	0,01017	0,949
TcCLB.510187.448	hypothetical protein, conserved	0,01016	0,9169
TcCLB.506649.10	hypothetical protein	0,01006	0,9468
TcCLB.508385.60	hypothetical protein, conserved	0,009891	0,9491
TcCLB.510607.29	dispersed gene family protein 1 (DGF-1), putative (fragme	0,009885	0,9675
TcCLB.509693.130	hypothetical protein	0,009875	0,9447
TcCLB.505997.174	dispersed gene family protein 1 (DGF-1), putative	0,009789	0,9628
TcCLB.511123.20	retrotransposon hot spot protein (RHS, pseudogene), puta	0,009625	0,9542
TcCLB.506539.21	hypothetical protein, conserved (pseudogene)	0,009497	0,9731
TcCLB.507795.60	tryptophanyl-tRNA synthetase (pseudogene), putative	0,00947	0,9436
TcCLB.508153.1110	arginine N-methyltransferase, putative	0,009304	0,9452
TcCLB.506591.69	hypothetical protein, conserved	0,009205	0,9391
TcCLB.503611.10	nucleoplasmin-like protein (NLP), putative	0,009075	0,9442
TcCLB.509961.20	dispersed gene family protein 1 (DGF-1), putative	0,009073	0,9813
TcCLB.508461.234	hypothetical protein, conserved	0,009006	0,9576
TcCLB.506195.220	hypothetical protein, conserved	0,008986	0,9558
TcCLB.506735.70	hypothetical protein, conserved	0,008909	0,929
TcCLB.508897.70	ADP-ribosylation factor family, putative	0,008785	0,9543
TcCLB.511003.221	cleavage and polyadenylation specificity factor, putative (i	0,00852	0,942
TcCLB.507611.380	hypothetical protein	0,008493	0,9508
TcCLB.511653.50	hypothetical protein, conserved	0,008454	0,9537
TcCLB.506573.10	hypothetical protein, conserved	0,008414	0,9421
TcCLB.508307.130	hypothetical protein, conserved	0,008345	0,9459
TcCLB.509569.170	hypothetical protein	0,008254	0,9363
TcCLB.504109.180	hypothetical protein, conserved	0,007955	0,9696
TcCLB.507875.180	AGP2beta-2, putative	0,007834	0,9436

TcCLB.507437.21	elongation factor 1-gamma (EF-1-gamma, pseudogene),	0,007807	0,9864
TcCLB.506567.77	hypothetical protein, conserved (pseudogene)	0,007728	0,9744
TcCLB.507007.80	hypothetical protein	0,007641	0,9384
TcCLB.506167.40	proteasome subunit alpha type-1, putative (PSA1)	0,007638	0,9576
TcCLB.504003.14	hypothetical protein, conserved	0,007635	0,9585
TcCLB.509601.44	hypothetical protein, conserved	0,007616	0,9399
TcCLB.506503.56	hypothetical protein, conserved	0,007601	0,9561
TcCLB.510595.10	hypothetical protein	0,007561	0,9523
TcCLB.463673.9	hypothetical protein, conserved	0,007549	0,9625
TcCLB.504153.190	mitochondrial edited mRNA stability factor 1 subunit	0,007467	0,944
TcCLB.510175.200	retrotransposon hot spot protein (RHS, pseudogene), puta	0,0074	0,9743
TcCLB.508369.40	serine/threonine-protein kinase A (pseudogene), putative	0,007393	0,9537
TcCLB.505101.50	GMP synthetase (pseudogene), putative	0,007305	0,9741
TcCLB.507801.179	vesicle-associated membrane protein	0,007283	0,9544
TcCLB.504153.90	Cytoplasmic dynein 2 heavy chain (DYNC2H1), putative	0,007244	0,9256
TcCLB.510755.120	RNA-binding protein, putative	0,0072	0,9502
TcCLB.507777.10	hypothetical protein, conserved	0,007184	0,9645
TcCLB.510363.290	hypothetical protein	0,007066	0,9945
TcCLB.508145.10	RNA-binding protein, putative	0,007057	0,988
TcCLB.511439.100	p-nitrophenylphosphatase, putative	0,007024	0,9667
TcCLB.510353.30	paraflagellar rod component par4, putative	0,006999	0,9544
TcCLB.508461.430	proteasome beta 2 subunit, putative	0,006982	0,9447
TcCLB.511297.10	hypothetical protein, conserved	0,006953	0,9403
TcCLB.511323.30	hypothetical protein, conserved	0,006953	0,9615
TcCLB.506777.90	hypothetical protein, conserved	0,006901	0,9571
TcCLB.510607.80	dispersed gene family protein 1 (DGF-1), putative	0,006747	0,9794
TcCLB.506453.20	mucin TcMUC (pseudogene), putative	0,006673	0,9763
TcCLB.510189.51	elongation factor 1-gamma (EF-1-gamma, pseudogene),	0,006499	0,9896
TcCLB.510625.140	elongation factor 1-gamma (EF-1-gamma), putative	0,006348	0,9644
TcCLB.503423.10	glycine dehydrogenase [decarboxylating] (pseudogene), p	0,006293	0,9737
TcCLB.508501.270	hypothetical protein, conserved	0,00629	0,96
TcCLB.507093.72	hypothetical protein, conserved	0,006151	0,954
TcCLB.510603.150	hypothetical protein, conserved	0,006131	0,9696
TcCLB.503719.39	hypothetical protein, conserved	0,005994	0,9716
TcCLB.418221.4	hypothetical protein, conserved (fragment)	0,005819	0,97
TcCLB.505977.13	protein kinase, putative (fragment)	0,005803	0,9645
TcCLB.508881.150	hypothetical protein, conserved	0,005612	0,9664
TcCLB.509637.9	hypothetical protein, conserved	0,00542	0,9743
TcCLB.511545.50	hypothetical protein, conserved	0,005321	0,9635
TcCLB.507993.380	hypothetical protein, conserved	0,005235	0,9718
TcCLB.506627.70	hypothetical protein	0,005098	0,971
TcCLB.508721.4	hypothetical protein, conserved	0,005031	0,9784
TcCLB.509767.180	exosome component CSL4, putative (CSL4)	0,00497	0,982
TcCLB.509985.60	hypothetical protein, conserved	0,004825	0,9636
TcCLB.506505.50	hypothetical protein, conserved	0,00477	0,9644

TcCLB.509837.30	hypothetical protein	0,004694	0,978
TcCLB.510099.40	hypothetical protein, conserved	0,004609	0,9734
TcCLB.507727.19	hypothetical protein	0,004427	0,9876
TcCLB.504105.240	hypothetical protein, conserved	0,004372	0,9668
TcCLB.504097.10	RNA editing complex protein MP61, putative	0,004303	0,9732
TcCLB.510715.120	mucin TcMUCII, putative	0,004294	0,9884
TcCLB.507305.11	casein kinase (pseudogene), putative	0,004201	0,9611
TcCLB.509231.5	hypothetical protein, conserved (fragment)	0,004146	0,9938
TcCLB.510663.57	transport protein particle (TRAPP) subunit, putative	0,004052	0,9794
TcCLB.509539.40	hypothetical protein, conserved	0,004029	0,9868
TcCLB.511467.20	hypothetical protein, conserved	0,004	0,9581
TcCLB.504105.60	hypothetical protein, conserved	0,003961	0,9752
TcCLB.504089.40	long-chain-fatty-acid-CoA ligase, putative	0,003955	0,9718
TcCLB.508355.370	hypothetical protein, conserved	0,003955	0,9795
TcCLB.508641.100	hypothetical protein, conserved	0,003895	0,9754
TcCLB.507053.209	Cytoplasmic dynein 2 heavy chain (DYNC2H1), putative	0,003814	0,9717
TcCLB.511715.50	hypothetical protein, conserved (pseudogene)	0,003737	0,9819
TcCLB.509885.64	hypothetical protein, conserved	0,003685	0,9876
TcCLB.509803.10	hypothetical protein	0,003684	0,9867
TcCLB.511431.90	conserved protein, unknown function	0,003658	0,9913
TcCLB.511283.20	protein transport protein SEC13, putative	0,003478	0,9819
TcCLB.508867.9	kinesin, putative (fragment)	0,003455	0,9896
TcCLB.511143.30	hypothetical protein, conserved	0,00324	0,9826
TcCLB.510603.110	hypothetical protein, conserved	0,003147	0,988
TcCLB.509769.10	hypothetical protein, conserved	0,00299	0,9894
TcCLB.507093.170	hypothetical protein, conserved	0,002923	0,9747
TcCLB.507057.40	hypothetical protein, conserved	0,002764	0,9883
TcCLB.508747.10	hypothetical protein	0,002376	0,9972
TcCLB.440099.19	hypothetical protein, conserved	0,002315	0,9889
TcCLB.506925.410	ATPase, putative	0,002274	0,9877
TcCLB.508325.320	protein kinase, putative	0,002017	0,9931
TcCLB.510121.100	hypothetical protein	0,001893	0,9938
TcCLB.504769.60	hypothetical protein, conserved	0,001846	0,9925
TcCLB.505183.10	hypothetical protein, conserved	0,001804	0,9896
TcCLB.506155.90	hypothetical protein, conserved (pseudogene)	0,001693	0,9872
TcCLB.506765.43	hypothetical protein	0,001641	0,9942
TcCLB.503809.20	peroxin 12, putative (PEX12)	0,001513	0,9924
TcCLB.507963.90	hypothetical protein, conserved	0,001463	0,9943
TcCLB.507081.70	hypothetical protein, conserved	0,001419	0,9913
TcCLB.508625.40	hypothetical protein, conserved	0,001338	0,9947
TcCLB.511517.90	hypothetical protein, conserved	0,001315	0,9926
TcCLB.509539.44	hypothetical protein, conserved	0,001177	0,9968
TcCLB.506559.540	hypothetical protein, conserved	0,001042	0,9951
TcCLB.508489.20	hypothetical protein, conserved	0,0009611	0,995
TcCLB.509203.79	guanine-nucleotide-exchange-factor, putative (fragment)	0,0009089	0,9963

TcCLB.506701.10	dihydrolipoamide dehydrogenase, putative (GCVL-1)	0,000906	0,9967
TcCLB.511301.170	retrotransposon hot spot (RHS) protein, putative	0,0008683	0,9956
TcCLB.508693.190	hypothetical protein, conserved	0,0008563	0,9943
TcCLB.506241.200	hypothetical protein, conserved	0,0008091	0,9945
TcCLB.507001.30	ankyrin repeat protein, putative	0,000793	0,997
TcCLB.508111.40	hypothetical protein, conserved	0,0007824	0,995
TcCLB.503897.50	hypothetical protein, conserved	0,0006871	0,9961
TcCLB.511423.70	glycerol-3-phosphate dehydrogenase (FAD-dependent), pu	0,0006447	0,9967
TcCLB.508179.40	hypothetical protein, conserved	0,0005822	0,9966
TcCLB.506503.110	DNA-directed RNA polymerases I and III subunit RPAC1, p	0,0004871	0,9973
TcCLB.508257.90	hypothetical protein, conserved	0,000363	0,9977
TcCLB.506275.40	hypothetical protein, conserved	0,0003497	0,9977
TcCLB.508851.79	hypothetical protein, conserved	0,00034	0,9982
TcCLB.506723.30	hypothetical protein	0,000336	0,9989
TcCLB.511725.160	hypothetical protein, conserved	0,0003285	0,9973
TcCLB.506867.40	surface protease GP63, putative	0,0001145	0,9993
TcCLB.510661.100	hypothetical protein	0,0001061	0,9993
TcCLB.511317.20	hypothetical protein, conserved	0,00003341	0,9997
TcCLB.503651.10	hypothetical protein, conserved	-0,00008295	0,9994
TcCLB.509287.5	hypothetical protein, conserved (pseudogene)	-0,0001935	0,9993
TcCLB.509671.84	hypothetical protein, conserved	-0,0002906	0,9984
TcCLB.506343.51	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,0003047	0,999
TcCLB.509719.9	N-acetyltransferase complex ARD1 subunit, putative (frag	-0,0003199	0,999
TcCLB.508405.90	soluble N-ethylmaleimide sensitive factor (NSF) attachm	-0,0003654	0,9982
TcCLB.507047.160	hypothetical protein, conserved	-0,00042	0,9985
TcCLB.510187.394	hypothetical protein, conserved	-0,0004897	0,9973
TcCLB.511903.60	hypothetical protein, conserved	-0,000529	0,9977
TcCLB.510137.10	trans-sialidase (pseudogene), putative	-0,0005756	0,998
TcCLB.508277.350	cation transporter, putative	-0,0006266	0,9951
TcCLB.509229.20	hypothetical protein, conserved	-0,0006726	0,9951
TcCLB.507509.30	RNA polymerase-like protein, putative	-0,0007335	0,9968
TcCLB.507481.20	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,0007716	0,997
TcCLB.511215.14	hypothetical protein, conserved	-0,0008527	0,9955
TcCLB.510303.100	hypothetical protein, conserved	-0,0009058	0,9947
TcCLB.503999.50	ubiquitin-conjugating enzyme, putative	-0,001025	0,9942
TcCLB.506727.30	hypothetical protein, conserved	-0,00106	0,995
TcCLB.511239.10	hypothetical protein, conserved	-0,001146	0,9945
TcCLB.509793.30	kinetoplast DNA-associated protein, putative	-0,001169	0,9945
TcCLB.509427.60	trans-sialidase (pseudogene), putative	-0,001192	0,9963
TcCLB.503479.70	bilobe protein, conserved	-0,001212	0,9899
TcCLB.430605.10	hypothetical protein, conserved	-0,001227	0,9914
TcCLB.503819.10	hypothetical protein, conserved	-0,00127	0,9938
TcCLB.511621.244	hypothetical protein, conserved	-0,001365	0,995
TcCLB.508919.60	ADP-ribosylation factor, putative (ARL-1)	-0,001551	0,993
TcCLB.506559.490	hypothetical protein, conserved	-0,001585	0,9945

TcCLB.511537.40	protein phosphatase 2A catalytic subunit, putative	-0,001749	0,9891
TcCLB.505989.100	hypothetical protein, conserved	-0,001759	0,9912
TcCLB.507007.9	hypothetical protein, conserved (pseudogene)	-0,001817	0,9888
TcCLB.509791.160	hypothetical protein, conserved	-0,001824	0,9864
TcCLB.503973.250	mucin TcMUCII (pseudogene), putative	-0,001945	0,995
TcCLB.434945.4	ADP-ribosylation factor, putative	-0,002005	0,9885
TcCLB.508547.130	NUDIX family hydrolase, putative	-0,002085	0,9896
TcCLB.510105.180	hypothetical protein, conserved	-0,002096	0,9868
TcCLB.504035.140	mismatch repair protein MLH1, putative	-0,00213	0,9881
TcCLB.508355.320	arginyl-tRNA synthetase, putative	-0,002156	0,9851
TcCLB.506479.74	Quinonprotein alcohol dehydrogenase-like protein, putative	-0,002174	0,9868
TcCLB.506475.130	hypothetical protein, conserved	-0,002183	0,9851
TcCLB.507089.180	hypothetical protein, conserved	-0,002226	0,986
TcCLB.503639.30	hypothetical protein, conserved	-0,002293	0,9884
TcCLB.511589.230	eukaryotic translation initiation factor 3 subunit 2, putative	-0,002318	0,9837
TcCLB.508859.100	hypothetical protein, conserved	-0,002407	0,9894
TcCLB.509647.40	hypothetical protein, conserved	-0,002485	0,987
TcCLB.509609.10	hypothetical protein, conserved	-0,002505	0,9883
TcCLB.506195.50	hypothetical protein, conserved	-0,002527	0,9891
TcCLB.511273.10	dispersed gene family protein 1 (DGF-1, pseudogene), putative	-0,002693	0,995
TcCLB.508999.269	hypothetical protein, conserved (fragment)	-0,002698	0,988
TcCLB.506973.14	mucin TcMUCII (pseudogene), putative	-0,002764	0,9914
TcCLB.509987.10	hypothetical protein, conserved	-0,003474	0,9837
TcCLB.509749.39	short-chain dehydrogenase, putative	-0,003494	0,993
TcCLB.509205.30	eukaryotic translation initiation factor, putative	-0,003579	0,9782
TcCLB.508055.25	hypothetical protein	-0,003601	0,9932
TcCLB.511821.70	hypothetical protein, conserved	-0,003649	0,9807
TcCLB.508461.19	hypothetical protein, conserved	-0,003678	0,9823
TcCLB.503689.40	hypothetical protein, conserved	-0,003715	0,9721
TcCLB.511293.40	U3 snoRNA-associated protein UTP11, putative	-0,003759	0,9785
TcCLB.508699.10	DNA topoisomerase II, putative	-0,003773	0,969
TcCLB.506679.30	hypothetical protein, conserved	-0,003787	0,9696
TcCLB.506683.190	trans-sialidase, Group II, putative	-0,003791	0,9836
TcCLB.506605.10	hypothetical protein, conserved	-0,003794	0,9849
TcCLB.503505.14	PTP1-interacting protein, 39 kDa, putative	-0,003806	0,9831
TcCLB.510131.10	hypothetical protein, conserved	-0,003876	0,9743
TcCLB.510265.14	hypothetical protein, conserved	-0,003905	0,9823
TcCLB.510741.40	hypothetical protein, conserved	-0,00401	0,9686
TcCLB.507671.39	serine/threonine-protein phosphatase PP1	-0,004045	0,9851
TcCLB.509561.120	deaminase, putative	-0,004375	0,9818
TcCLB.503823.10	phosphoglycerate mutase family member 5, putative	-0,004473	0,9825
TcCLB.507951.140	U2 small nuclear ribonucleoprotein B, putative	-0,004491	0,9861
TcCLB.508833.10	hypothetical protein	-0,004492	0,9835
TcCLB.507747.230	acid phosphatase type 5, putative	-0,00461	0,9752
TcCLB.511633.10	hypothetical protein, conserved	-0,00463	0,9932

TcCLB.509213.10	hypothetical protein, conserved	-0,004698	0,9781
TcCLB.509385.19	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,004818	0,9879
TcCLB.510187.240	hypothetical protein, conserved	-0,005055	0,9586
TcCLB.510087.10	hypothetical protein, conserved	-0,005109	0,9753
TcCLB.507943.80	hypothetical protein, conserved (pseudogene)	-0,005193	0,9723
TcCLB.511509.21	hypothetical protein, conserved	-0,005419	0,9646
TcCLB.508207.80	Mini-chromosome maintenance complex-binding protein	-0,005522	0,9676
TcCLB.507005.70	Pre-rRNA-processing protein PNO1, putative (PNO1)	-0,005735	0,9687
TcCLB.509669.110	GTPase activator protein, putative	-0,005739	0,9645
TcCLB.508409.320	hypothetical protein, conserved	-0,006065	0,9532
TcCLB.510149.100	hypothetical protein, conserved	-0,006069	0,9681
TcCLB.509625.10	ATP-dependent RNA helicase, putative (fragment)	-0,006142	0,9593
TcCLB.510885.30	hypothetical protein	-0,006164	0,958
TcCLB.511003.50	hypothetical protein, conserved	-0,006196	0,9547
TcCLB.503847.99	hypothetical protein, conserved (pseudogene)	-0,006487	0,9736
TcCLB.507491.140	hypothetical protein, conserved	-0,006491	0,9629
TcCLB.510517.110	hypothetical protein	-0,006533	0,9763
TcCLB.510315.10	IAG-nucleoside hydrolase, putative (IAGNH)	-0,006545	0,9562
TcCLB.503953.50	hypothetical protein, conserved	-0,006569	0,9562
TcCLB.508543.60	hypothetical protein, conserved	-0,006682	0,9605
TcCLB.508403.20	hypothetical protein, conserved (pseudogene)	-0,006695	0,9571
TcCLB.507031.20	hypothetical protein, conserved	-0,006728	0,956
TcCLB.440099.28	protein kinase, putative	-0,006831	0,9702
TcCLB.508587.50	hypothetical protein	-0,006864	0,984
TcCLB.504253.40	hypothetical protein, conserved	-0,007127	0,9568
TcCLB.508277.30	hypothetical protein, conserved	-0,007163	0,95
TcCLB.509461.90	inositol 1,4,5-trisphosphate receptor, putative (IP3R)	-0,007214	0,9299
TcCLB.508553.20	hypothetical protein	-0,007219	0,9856
TcCLB.508199.50	palmitoyl acyltransferase 1, putative	-0,00735	0,9436
TcCLB.506821.100	mitochondrial RNA binding complex 1 subunit, putative (R	-0,007363	0,9506
TcCLB.510665.40	DNA-repair protein, putative	-0,007403	0,943
TcCLB.507023.30	pseudouridine synthase A-like protein, putative	-0,007431	0,9506
TcCLB.504021.50	hypothetical protein	-0,00754	0,9488
TcCLB.510525.20	hypothetical protein, conserved	-0,00754	0,9603
TcCLB.510491.80	hypothetical protein, conserved	-0,007643	0,9524
TcCLB.503869.9	axoneme central apparatus protein, putative	-0,007694	0,9615
TcCLB.511127.70	hypothetical protein, conserved	-0,007791	0,948
TcCLB.471901.5	GDP-mannose 4,6 dehydratase, putative (fragment)	-0,007837	0,9868
TcCLB.507625.80	hypothetical protein, conserved	-0,007839	0,9547
TcCLB.506265.100	ATP-dependent RNA helicase, putative	-0,0079	0,938
TcCLB.506203.129	DNA-directed RNA polymerase, mitochondrial (fragment)	-0,007924	0,9408
TcCLB.508461.290	4E-interacting protein, putative	-0,007967	0,9492
TcCLB.511507.24	hypothetical protein, conserved	-0,008081	0,9709
TcCLB.510101.20	phosphatidylinositol-4-phosphate 5-kinase, putative	-0,008387	0,9495
TcCLB.506733.30	hypothetical protein, conserved	-0,008415	0,934



TcCLB.507829.19	Vacuolar protein sorting-associated protein 16 homolog, p	-0,008419	0,9699
TcCLB.510101.230	ATPase (pseudogene), putative	-0,008482	0,9298
TcCLB.509573.50	hypothetical protein, conserved	-0,008602	0,9289
TcCLB.510115.70	trans-sialidase, putative	-0,008719	0,9773
TcCLB.506419.20	tousled-like kinase II, putative	-0,008723	0,9492
TcCLB.507159.65	DNA-directed RNA polymerase subunit, putative	-0,008787	0,9513
TcCLB.506203.30	SWI/SNF-related matrix-associated actin-dependent regu	-0,008824	0,9375
TcCLB.508073.20	hypothetical protein	-0,008894	0,9539
TcCLB.509349.30	hypothetical protein	-0,008962	0,9746
TcCLB.508775.30	dispersed gene family protein 1 (DGF-1), putative	-0,009008	0,9764
TcCLB.507583.10	hypothetical protein, conserved	-0,009058	0,9737
TcCLB.507037.50	exonuclease, putative	-0,009087	0,9602
TcCLB.508409.250	hypothetical protein, conserved	-0,009142	0,9529
TcCLB.507983.10	dispersed gene family protein 1 (DGF-1), putative (fragm	-0,009155	0,9807
TcCLB.511887.40	hypothetical protein, conserved	-0,009191	0,9692
TcCLB.506637.40	hypothetical protein, conserved	-0,009192	0,9561
TcCLB.506469.70	hypothetical protein	-0,009264	0,9679
TcCLB.504205.20	trans-sialidase (pseudogene), putative	-0,009268	0,9693
TcCLB.511491.120	hypothetical protein, conserved	-0,009335	0,9298
TcCLB.509871.31	ATP-dependent DEAD/H RNA helicase (pseudogene), puta	-0,009355	0,9764
TcCLB.507787.130	hypothetical protein, conserved	-0,009357	0,9402
TcCLB.507509.10	hypothetical protein, conserved (pseudogene)	-0,009379	0,9576
TcCLB.508851.19	retrotransposon hot spot (RHS) protein, putative	-0,00938	0,9402
TcCLB.509429.220	dolichyl-P-Man:GDP-Man5GlcNAc2-PP-dolichyl alpha-1,2-1	-0,009468	0,938
TcCLB.509471.10	hypothetical protein, conserved	-0,009616	0,9457
TcCLB.511899.50	Trypanosome basal body component protein (fragment) (	-0,009787	0,9316
TcCLB.510861.50	hypothetical protein, conserved	-0,009892	0,9714
TcCLB.503677.29	hypothetical protein, conserved	-0,01008	0,9402
TcCLB.509695.80	hypothetical protein, conserved	-0,0101	0,9339
TcCLB.511577.30	hypothetical protein, conserved	-0,01014	0,9356
TcCLB.510421.170	hypothetical protein, conserved	-0,01016	0,9066
TcCLB.505481.10	hypothetical protein	-0,01022	0,9727
TcCLB.508273.60	hypothetical protein, conserved	-0,01035	0,9255
TcCLB.511585.125	hypothetical protein, conserved	-0,01044	0,9362
TcCLB.510431.260	hypothetical protein, conserved	-0,01044	0,9424
TcCLB.510329.140	hypothetical protein, conserved	-0,01049	0,9015
TcCLB.503833.30	peroxin 13, putative (PEX13)	-0,01052	0,9367
TcCLB.510289.44	hypothetical protein, conserved	-0,01053	0,9537
TcCLB.509047.110	rac serine-threonine kinase, putative	-0,01062	0,924
TcCLB.510889.80	protein phosphatase with EF-Hand domains (PPEF)	-0,01074	0,9055
TcCLB.507019.45	hypothetical protein	-0,01078	0,9412
TcCLB.511633.70	protein kinase, putative	-0,01085	0,9214
TcCLB.511283.60	hypothetical protein, conserved	-0,0109	0,9288
TcCLB.506413.10	CDP-DAG synthase, putative (fragment) (CDS)	-0,01092	0,9531
TcCLB.503929.60	hypothetical protein, conserved	-0,01093	0,945

TcCLB.509877.70	hypothetical protein, conserved	-0,01098	0,9333
TcCLB.506721.20	radial spoke protein 3, putative (RSP3)	-0,01103	0,9216
TcCLB.507673.40	hypothetical protein, conserved	-0,01105	0,9148
TcCLB.507739.20	metallo-peptidase, Clan MA(E) Family M41	-0,01105	0,921
TcCLB.509029.30	hypothetical protein, conserved	-0,01105	0,9486
TcCLB.508579.20	hypothetical protein, conserved	-0,0111	0,9642
TcCLB.503493.30	hypothetical protein, conserved	-0,01117	0,941
TcCLB.509551.100	hypothetical protein, conserved	-0,01135	0,9337
TcCLB.506855.260	thymidine kinase, putative	-0,01135	0,9494
TcCLB.510753.20	hypothetical protein, conserved	-0,01158	0,9407
TcCLB.509639.20	hypothetical protein, conserved	-0,01158	0,9422
TcCLB.511509.5	hypothetical protein, conserved	-0,0116	0,9321
TcCLB.504013.50	selenocysteine-tRNA-specific elongation factor, putative	-0,01162	0,925
TcCLB.507771.90	hypothetical protein, conserved	-0,01167	0,9006
TcCLB.510243.100	chloride channel protein, putative	-0,01178	0,9188
TcCLB.511657.70	hypothetical protein, conserved	-0,01179	0,9261
TcCLB.504029.21	lipase, putative (fragment)	-0,01195	0,9148
TcCLB.507669.190	hypothetical protein, conserved	-0,01201	0,9377
TcCLB.509437.30	hypothetical protein, conserved	-0,01203	0,8995
TcCLB.509551.40	hypothetical protein, conserved	-0,01203	0,942
TcCLB.448567.9	dynein heavy chain, putative	-0,01205	0,9446
TcCLB.511021.20	hypothetical protein	-0,01207	0,9497
TcCLB.503813.20	hypothetical protein, conserved	-0,01211	0,924
TcCLB.508479.224	hypothetical protein, conserved	-0,01225	0,9506
TcCLB.506753.164	hypothetical protein, conserved	-0,01227	0,9548
TcCLB.511621.250	hypothetical protein, conserved	-0,01229	0,9255
TcCLB.507951.154	cytochrome b5, putative	-0,01232	0,9353
TcCLB.510657.30	Sorting nexin-4 (ATG24)	-0,01236	0,9046
TcCLB.511907.240	protein kinase, putative	-0,01237	0,9159
TcCLB.506407.40	hypothetical protein, conserved	-0,01241	0,9148
TcCLB.509877.80	ATPase domain protein, putative	-0,01255	0,941
TcCLB.507159.44	DNA-directed RNA polymerase III subunit, putative	-0,01261	0,9252
TcCLB.506241.190	hypothetical protein, conserved	-0,01261	0,938
TcCLB.509941.85	trans-sialidase (pseudogene), putative	-0,01264	0,9356
TcCLB.507357.130	mucin TcMUCII, putative	-0,01265	0,9757
TcCLB.507601.50	hypothetical protein	-0,01274	0,9288
TcCLB.511577.83	thioredoxin, putative	-0,01283	0,9481
TcCLB.503893.160	hypothetical protein, conserved	-0,01288	0,9215
TcCLB.504741.120	hypothetical protein, conserved	-0,01309	0,9251
TcCLB.509789.30	rab-like GTPase activating protein, putative	-0,01331	0,9264
TcCLB.506777.24	hypothetical protein, conserved	-0,01332	0,9334
TcCLB.504153.220	DNA recombination and repair protein RAD51, putative	-0,01335	0,9144
TcCLB.504157.20	beta-ketoacyl synthase family protein, putative	-0,01335	0,9319
TcCLB.503575.40	hypothetical protein, conserved	-0,01335	0,9428
TcCLB.511505.20	hypothetical protein, conserved	-0,01344	0,9191

TcCLB.511215.119	69 kDa paraflagellar rod protein, putative	-0,01378	0,9021
TcCLB.510725.90	hypothetical protein, conserved	-0,01379	0,9367
TcCLB.511129.47	hypothetical protein, conserved (pseudogene)	-0,01388	0,9429
TcCLB.507927.30	hypothetical protein, conserved	-0,01389	0,9339
TcCLB.509965.70	hypothetical protein, conserved	-0,01392	0,9122
TcCLB.505071.70	hypothetical protein, conserved	-0,01397	0,9301
TcCLB.504215.10	hypothetical protein, conserved	-0,01398	0,9112
TcCLB.508641.250	hypothetical protein	-0,01408	0,896
TcCLB.507979.10	hypothetical protein, conserved	-0,01436	0,9296
TcCLB.506367.40	hypothetical protein, conserved	-0,01446	0,899
TcCLB.506247.300	hypothetical protein, conserved	-0,01447	0,9244
TcCLB.507015.50	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,01469	0,9165
TcCLB.510757.20	hypothetical protein, conserved	-0,01478	0,9179
TcCLB.511393.40	hypothetical protein, conserved	-0,01482	0,9151
TcCLB.506199.30	hypothetical protein, conserved	-0,01482	0,9252
TcCLB.510817.60	hypothetical protein, conserved	-0,01487	0,8778
TcCLB.510123.30	DNA repair protein, putative	-0,01488	0,9171
TcCLB.510099.70	hypothetical protein, conserved	-0,0149	0,8928
TcCLB.511753.130	U3 small nuclear ribonucleoprotein (snRNP), putative	-0,01514	0,8703
TcCLB.511303.40	carnitine O-acetyltransferase, putative	-0,01516	0,905
TcCLB.507625.180	kinesin, putative	-0,01535	0,8978
TcCLB.508457.10	Kinesin-13 6, putative (KIN13-6)	-0,01548	0,9098
TcCLB.508325.300	hypothetical protein, conserved	-0,01561	0,9424
TcCLB.510729.160	hypothetical protein, conserved	-0,01566	0,8984
TcCLB.503647.20	hypothetical protein, conserved	-0,01566	0,9362
TcCLB.510483.30	trans-sialidase (pseudogene), putative	-0,01566	0,9526
TcCLB.510285.120	hypothetical protein, conserved	-0,0158	0,884
TcCLB.508209.130	hypothetical protein, conserved	-0,01588	0,9077
TcCLB.510241.124	hypothetical protein, conserved	-0,01597	0,8783
TcCLB.507849.80	hypothetical protein, conserved	-0,01632	0,9298
TcCLB.510101.350	hypothetical protein, conserved	-0,01638	0,8627
TcCLB.509777.30	trans-sialidase, Group II, putative	-0,01643	0,8938
TcCLB.510729.50	hypothetical protein, conserved	-0,01647	0,9204
TcCLB.510645.9	serine/threonine protein kinase, putative	-0,01652	0,8972
TcCLB.507093.40	hypothetical protein, conserved	-0,01661	0,8593
TcCLB.510943.70	hypothetical protein, conserved	-0,01669	0,9147
TcCLB.508637.69	hypothetical protein, conserved	-0,01682	0,9142
TcCLB.509203.14	hypothetical protein	-0,01683	0,9375
TcCLB.506175.10	hypothetical protein, conserved	-0,01708	0,9012
TcCLB.511725.190	vacuolar sorting protein, putative	-0,01714	0,916
TcCLB.507711.210	hypothetical protein, conserved	-0,01715	0,8675
TcCLB.510877.40	hypothetical protein, conserved	-0,01722	0,8621
TcCLB.506793.20	hypothetical protein, conserved	-0,01733	0,8884
TcCLB.503771.40	syntaxin binding protein (pseudogene), putative	-0,01734	0,9647
TcCLB.506265.10	hypothetical protein, conserved	-0,01747	0,9165

TcCLB.509875.190	clathrin coat assembly protein, putative	-0,01751	0,89
TcCLB.509429.50	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,01757	0,8714
TcCLB.511907.190	hypothetical protein	-0,01764	0,8801
TcCLB.504081.141	syntaxin binding protein (pseudogene), putative	-0,01765	0,9633
TcCLB.503925.100	hypothetical protein, conserved	-0,01776	0,9099
TcCLB.506657.10	hypothetical protein, conserved	-0,01795	0,9371
TcCLB.506715.59	Monooxygenase, putative	-0,01801	0,9459
TcCLB.508521.18	trans-sialidase, putative (pseudogene)	-0,01805	0,9603
TcCLB.507023.60	hypothetical protein, conserved	-0,01814	0,8953
TcCLB.510535.90	hypothetical protein, conserved	-0,01823	0,9459
TcCLB.506577.47	hypothetical protein, conserved	-0,01831	0,8824
TcCLB.509395.120	histone deacetylase, putative	-0,01837	0,8778
TcCLB.505997.200	hypothetical protein, conserved	-0,01839	0,9092
TcCLB.511751.30	queuine tRNA-ribosyltransferase, putative	-0,01846	0,8686
TcCLB.510661.240	hypothetical protein, conserved	-0,01854	0,8605
TcCLB.510825.20	hypothetical protein, conserved	-0,01857	0,9305
TcCLB.510965.10	hypothetical protein, conserved	-0,01869	0,8962
TcCLB.509443.10	hypothetical protein	-0,01889	0,9254
TcCLB.509289.10	amastin, putative	-0,01894	0,8903
TcCLB.506961.160	retrotransposon hot spot (RHS) protein, putative	-0,01908	0,8806
TcCLB.503805.6	hypothetical protein, conserved	-0,01917	0,9083
TcCLB.507129.19	hypothetical protein, conserved	-0,01924	0,8811
TcCLB.511367.100	hypothetical protein, conserved	-0,01938	0,8979
TcCLB.507839.18	hypothetical protein, conserved	-0,01955	0,8893
TcCLB.510655.80	hypothetical protein, conserved	-0,01955	0,9261
TcCLB.505037.50	small GTP-binding protein RAB6, putative	-0,01962	0,863
TcCLB.510573.19	hypothetical protein, conserved	-0,01962	0,9051
TcCLB.511875.5	elongation factor 1-gamma (EF-1-gamma, pseudogene),	-0,01962	0,9561
TcCLB.509805.200	acetyltransferase, putative	-0,01996	0,8633
TcCLB.510303.310	arginine N-methyltransferase, type III, putative (PRMT7)	-0,02013	0,8446
TcCLB.510745.10	hypothetical protein, conserved	-0,0203	0,8764
TcCLB.509567.50	hypothetical protein, conserved	-0,02048	0,8813
TcCLB.510901.190	hypothetical protein, conserved	-0,02065	0,8703
TcCLB.508119.190	hypothetical protein, conserved	-0,02069	0,8341
TcCLB.503865.70	hypothetical protein, conserved	-0,02085	0,8434
TcCLB.510617.10	hypothetical protein, conserved	-0,02088	0,9044
TcCLB.510519.90	hypothetical protein, conserved	-0,02089	0,9278
TcCLB.510329.230	hypothetical protein, conserved	-0,0209	0,877
TcCLB.510359.140	hypothetical protein, conserved	-0,02091	0,9191
TcCLB.506303.60	protein kinase, putative	-0,02109	0,8967
TcCLB.511725.90	hypothetical protein, conserved	-0,02111	0,8795
TcCLB.506671.30	mucin-associated surface protein (MASP, pseudogene), pi	-0,02111	0,9187
TcCLB.509747.90	hypothetical protein, conserved	-0,02115	0,8913
TcCLB.510187.74	short-chain dehydrogenase, putative	-0,0212	0,8817
TcCLB.508909.60	hypothetical protein, conserved	-0,02138	0,8872

TcCLB.508153.840	hypothetical protein, conserved	-0,02147	0,8683
TcCLB.407335.18	hypothetical protein, conserved	-0,02149	0,8984
TcCLB.506925.510	ribosome production factor 1, putative	-0,02162	0,8386
TcCLB.509777.110	hypothetical protein, conserved	-0,02164	0,9026
TcCLB.511239.80	hypothetical protein, conserved	-0,02197	0,8675
TcCLB.503651.49	hypothetical protein, conserved (pseudogene)	-0,02198	0,887
TcCLB.508951.80	hypothetical protein, conserved	-0,02209	0,8536
TcCLB.506479.50	rRNA biogenesis protein, putative	-0,0221	0,8466
TcCLB.503599.50	hypothetical protein, conserved	-0,02217	0,8988
TcCLB.510765.20	hypothetical protein, conserved	-0,02218	0,9144
TcCLB.509817.50	trans-sialidase, Group I, putative	-0,02219	0,9331
TcCLB.506857.50	hypothetical protein, conserved	-0,02234	0,8377
TcCLB.506591.50	hypothetical protein, conserved (pseudogene)	-0,02241	0,8025
TcCLB.510087.100	GINS complex subunit Psf3, putative	-0,02248	0,9236
TcCLB.508727.54	hypothetical protein, conserved	-0,02249	0,8741
TcCLB.509061.20	hypothetical protein, conserved	-0,02253	0,8767
TcCLB.503849.80	NADH-dependent fumarate reductase, putative	-0,02259	0,9191
TcCLB.511743.20	hypothetical protein, conserved	-0,02264	0,859
TcCLB.509695.210	serine carboxypeptidase (CBP1), putative	-0,02264	0,8717
TcCLB.511313.40	ATP-dependent RNA helicase, putative	-0,02295	0,8222
TcCLB.509267.6	trans-sialidase (pseudogene), putative	-0,02298	0,9187
TcCLB.509973.40	hypothetical protein	-0,02303	0,9491
TcCLB.506723.41	beta galactofuranosyl glycosyltransferase (pseudogene), p	-0,0231	0,8838
TcCLB.503911.20	pre-mRNA splicing factor ATP-dependent RNA helicase, p	-0,02319	0,8627
TcCLB.503913.10	hypothetical protein, conserved	-0,0232	0,8658
TcCLB.506227.160	MOZ/SAS family acetyltransferase, putative	-0,02323	0,8666
TcCLB.506925.540	hypothetical protein, conserved	-0,02334	0,8401
TcCLB.507021.80	hypothetical protein, conserved	-0,02336	0,8682
TcCLB.440343.9	dispersed gene family protein 1 (DGF-1), putative (fragme	-0,02338	0,959
TcCLB.503589.10	GDP-mannose pyrophosphorylase	-0,02344	0,8655
TcCLB.509991.100	Transcription elongation factor 1 domain-containing prote	-0,02358	0,8663
TcCLB.507831.80	hypothetical protein, conserved	-0,02367	0,8593
TcCLB.504045.100	hypothetical protein, conserved	-0,0237	0,8591
TcCLB.506929.40	target SNARE, putative	-0,02378	0,8582
TcCLB.507021.50	kinesin, putative	-0,02379	0,8078
TcCLB.505807.100	hypothetical protein, conserved	-0,0238	0,8655
TcCLB.506883.60	hypothetical protein, conserved	-0,02383	0,8591
TcCLB.503589.19	hypothetical protein, conserved	-0,02389	0,9147
TcCLB.506985.20	hypothetical protein, conserved	-0,02431	0,8767
TcCLB.506203.70	pre-mRNA-splicing factor ATP-dependent RNA helicase, p	-0,02445	0,8085
TcCLB.510659.50	RNA polymerase-associated protein LEO1, putative	-0,02457	0,7916
TcCLB.507993.110	hypothetical protein, conserved	-0,02464	0,8738
TcCLB.510291.20	hypothetical protein, conserved	-0,02473	0,8622
TcCLB.401041.10	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,02477	0,8347
TcCLB.507603.120	hypothetical protein, conserved	-0,02478	0,8162

TcCLB.506187.40	trans-sialidase (pseudogene), putative	-0,02478	0,9194
TcCLB.511865.40	hypothetical protein, conserved	-0,02487	0,8269
TcCLB.511277.50	hypothetical protein, conserved	-0,02505	0,8153
TcCLB.511367.129	hypothetical protein, conserved	-0,02515	0,8648
TcCLB.511245.60	hypothetical protein, conserved	-0,02522	0,924
TcCLB.506101.20	trans-sialidase (pseudogene), putative	-0,0253	0,9121
TcCLB.508237.9	protein kinase, putative	-0,02535	0,8864
TcCLB.509805.180	ttaggg binding factor, putative	-0,02565	0,836
TcCLB.509997.60	hypothetical protein, conserved	-0,02581	0,7841
TcCLB.510725.50	hypothetical protein, conserved	-0,02581	0,8106
TcCLB.504021.30	hypothetical protein, conserved	-0,02595	0,8
TcCLB.508547.80	hypothetical protein, conserved	-0,02595	0,8203
TcCLB.504817.20	hypothetical protein, conserved	-0,02604	0,8426
TcCLB.508065.60	hypothetical protein, conserved	-0,02625	0,8376
TcCLB.508199.10	ADP-ribosylation factor, putative	-0,0263	0,8587
TcCLB.504935.10	eukaryotic translation initiation factor 4E, putative	-0,02632	0,8686
TcCLB.509231.39	hypothetical protein, conserved	-0,02648	0,8997
TcCLB.507721.10	hypothetical protein, conserved	-0,02651	0,8648
TcCLB.507087.10	hydrolase-like protein (pseudogene), putative	-0,02653	0,889
TcCLB.511771.171	hypothetical protein	-0,02658	0,928
TcCLB.509171.70	hypothetical protein, conserved	-0,02662	0,8594
TcCLB.509485.20	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,02667	0,8913
TcCLB.506811.180	protein kinase, putative	-0,02671	0,8995
TcCLB.506465.50	serine/threonine protein phosphatase-like protein, putativ	-0,02671	0,904
TcCLB.511751.250	hypothetical protein, conserved	-0,02687	0,8617
TcCLB.507663.20	hypothetical protein, conserved	-0,02693	0,8414
TcCLB.511385.14	hypothetical protein, conserved (fragment)	-0,0271	0,828
TcCLB.504741.10	hypothetical protein, conserved	-0,02718	0,8913
TcCLB.507711.250	hypothetical protein, conserved	-0,0272	0,8125
TcCLB.506211.250	fibrillar, putative	-0,02721	0,8383
TcCLB.509287.20	protein kinase, putative	-0,02726	0,8418
TcCLB.511277.220	hypothetical protein, conserved	-0,02732	0,8622
TcCLB.413293.30	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,02739	0,8569
TcCLB.506009.70	hypothetical protein	-0,02741	0,8514
TcCLB.508647.140	DNA replication licensing factor MCM5, putative	-0,02744	0,8097
TcCLB.511415.11	retrotransposon hot spot (RHS) protein, putative (fragmer	-0,02746	0,8665
TcCLB.506815.30	beta prime cop protein, putative	-0,02747	0,8
TcCLB.506811.210	cell division cycle protein 45 (CDC45), putative	-0,02753	0,832
TcCLB.509429.30	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,02773	0,8099
TcCLB.509259.126	hypothetical protein	-0,02782	0,896
TcCLB.507625.84	hypothetical protein, conserved	-0,02783	0,8732
TcCLB.510623.10	mucin TcMUCII, putative	-0,02786	0,9542
TcCLB.511433.10	hypothetical protein, conserved	-0,02788	0,8669
TcCLB.506567.140	hypothetical protein, conserved	-0,02789	0,8973
TcCLB.510763.100	trypanin-like protein, putative	-0,02791	0,8028

TcCLB.509647.90	chloride channel protein, putative	-0,028	0,8179
TcCLB.509055.40	hypothetical protein, conserved	-0,02803	0,8181
TcCLB.510329.320	hypothetical protein, conserved	-0,02805	0,8648
TcCLB.508173.54	hypothetical protein, conserved	-0,02807	0,7944
TcCLB.510603.40	hypothetical protein, conserved	-0,02814	0,7966
TcCLB.509959.236	N-acetyltransferase complex ARD1 subunit (pseudogene),	-0,02815	0,9571
TcCLB.506519.90	hypothetical protein, conserved	-0,02826	0,8587
TcCLB.461165.4	hypothetical protein, conserved (fragment)	-0,02827	0,914
TcCLB.508207.5	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,02832	0,8105
TcCLB.508719.70	flagellum targeting protein kharon1, putative (KH1)	-0,02834	0,822
TcCLB.507821.140	trans-sialidase (pseudogene), putative	-0,02842	0,9099
TcCLB.506855.360	hypothetical protein, conserved	-0,02843	0,7807
TcCLB.508771.30	hypothetical protein, conserved	-0,02849	0,8511
TcCLB.510155.210	calcium/potassium channel (CAKC), putative	-0,02857	0,8272
TcCLB.506739.120	hypothetical protein, conserved	-0,02867	0,8241
TcCLB.508941.10	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,02905	0,9447
TcCLB.511529.240	hypothetical protein, conserved	-0,02906	0,7796
TcCLB.510545.73	syntaxin binding protein (pseudogene), putative	-0,02918	0,9207
TcCLB.509745.40	hypothetical protein, conserved	-0,02923	0,8261
TcCLB.507837.30	hypothetical protein, conserved	-0,02926	0,7946
TcCLB.509859.30	hypothetical protein, conserved	-0,02933	0,8143
TcCLB.510425.28	hypothetical protein, conserved	-0,02933	0,9128
TcCLB.503939.90	hypothetical protein, conserved	-0,02943	0,7678
TcCLB.511879.9	hypothetical protein, conserved	-0,02943	0,7791
TcCLB.509231.26	hypothetical protein, conserved	-0,02957	0,8263
TcCLB.503909.84	calpain-like cysteine peptidase, putative	-0,02961	0,8241
TcCLB.508479.490	hypothetical protein	-0,02976	0,8921
TcCLB.506913.10	hypothetical protein, conserved	-0,02984	0,8685
TcCLB.506849.20	dynein heavy chain (pseudogene), putative	-0,02989	0,8479
TcCLB.510603.119	hypothetical protein, conserved	-0,03	0,885
TcCLB.508865.10	glutathione synthetase, putative	-0,03002	0,8246
TcCLB.508741.310	hypothetical protein	-0,03016	0,8378
TcCLB.508951.90	hypothetical protein, conserved	-0,03023	0,8514
TcCLB.510659.104	poly(ADP-ribose) glycohydrolase, putative	-0,03026	0,827
TcCLB.506357.69	hypothetical protein, conserved	-0,03049	0,9091
TcCLB.510255.20	hypothetical protein, conserved	-0,03051	0,8442
TcCLB.509999.80	hypothetical protein, conserved	-0,03052	0,7691
TcCLB.510091.70	U6 snRNA-associated Sm-like protein LSm8, putative	-0,03064	0,8657
TcCLB.510063.10	sigma-adaptin 3, putative	-0,0307	0,8523
TcCLB.510089.120	hypothetical protein, conserved	-0,03088	0,8383
TcCLB.506659.30	glutathione synthetase, putative	-0,03095	0,821
TcCLB.506337.30	class-E vacuolar protein-sorting protein 24 (Vps24p), puta	-0,03115	0,8094
TcCLB.510429.30	hypothetical protein, conserved	-0,03122	0,8195
TcCLB.507093.184	hypothetical protein, conserved	-0,03126	0,8023
TcCLB.503733.30	hypothetical protein, conserved	-0,03136	0,8045

TcCLB.507709.130	hypothetical protein, conserved	-0,0315	0,8424
TcCLB.503887.60	glycerolphosphate mutase, putative	-0,03152	0,8149
TcCLB.506493.50	serine/threonine protein kinase, putative	-0,03163	0,8809
TcCLB.506465.30	hypothetical protein, conserved	-0,03166	0,8037
TcCLB.506953.20	hypothetical protein, conserved	-0,03166	0,88
TcCLB.509611.100	lipoate-protein ligase, putative	-0,03169	0,8383
TcCLB.508137.20	hypothetical protein, conserved	-0,0317	0,7525
TcCLB.507807.10	hypothetical protein, conserved	-0,03175	0,7339
TcCLB.506983.30	hypothetical protein, conserved	-0,03189	0,7746
TcCLB.506563.20	exosome-associated protein 1, putative (EAP1)	-0,03198	0,8514
TcCLB.507001.120	hypothetical protein, conserved	-0,03199	0,8405
TcCLB.503953.14	hypothetical protein, conserved	-0,03207	0,8347
TcCLB.507801.40	hypothetical protein, conserved	-0,0321	0,8827
TcCLB.511751.114	hypothetical protein, conserved	-0,03222	0,8736
TcCLB.509583.19	dynein heavy chain, putative (fragment)	-0,03229	0,8507
TcCLB.510743.60	phospholipase A1, putative	-0,03232	0,8272
TcCLB.504057.40	NAD dependent epimerase/dehydratase family, putative (	-0,03242	0,7556
TcCLB.511407.60	small GTP-binding protein Rab11, putative (Rab11)	-0,03251	0,8005
TcCLB.510899.30	hypothetical protein, conserved	-0,03252	0,8223
TcCLB.511115.40	transcription elongation factor s-II, putative	-0,03256	0,7695
TcCLB.503439.40	trans-sialidase (pseudogene), putative	-0,03259	0,8276
TcCLB.505807.160	hypothetical protein, conserved	-0,03274	0,8475
TcCLB.506051.10	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,03284	0,8383
TcCLB.503917.35	B9 domain-containing protein 2 (b9d2)	-0,03284	0,8654
TcCLB.511595.50	mucin-associated surface protein (MASP, pseudogene), pi	-0,03284	0,8827
TcCLB.511003.100	hypothetical protein, conserved	-0,03287	0,7773
TcCLB.503981.80	hypothetical protein, conserved	-0,03317	0,7063
TcCLB.508405.80	cysteine peptidase, Clan CD, family C50, putative	-0,03318	0,7765
TcCLB.508817.150	hypothetical protein, conserved	-0,03326	0,7841
TcCLB.506629.140	hypothetical protein, conserved	-0,03344	0,7854
TcCLB.511619.10	hypothetical protein, conserved	-0,03346	0,8316
TcCLB.508467.19	hypothetical protein, conserved (fragment)	-0,03355	0,8817
TcCLB.511269.30	hypothetical protein, conserved	-0,03379	0,8365
TcCLB.508831.70	U5 snRNP-specific 40 kDa protein, putative	-0,03413	0,801
TcCLB.510225.50	hypothetical protein, conserved	-0,03419	0,8241
TcCLB.503977.79	elongation factor 1-gamma (EF-1-gamma), putative	-0,0343	0,9452
TcCLB.508205.48	hypothetical protein, conserved	-0,03438	0,8806
TcCLB.510951.10	hypothetical protein, conserved	-0,03438	0,8906
TcCLB.503973.20	trans-sialidase (pseudogene), putative	-0,03444	0,8798
TcCLB.511483.50	hypothetical protein, conserved	-0,03455	0,857
TcCLB.511669.20	hypothetical protein	-0,03464	0,9087
TcCLB.510945.10	ubiquitin carboxyl-terminal hydrolase, putative	-0,03466	0,8024
TcCLB.511717.80	DNA repair and recombination helicase protein PIF4, puta	-0,0347	0,8416
TcCLB.511903.30	ubiquitin-conjugating enzyme E2, putative	-0,03476	0,7648
TcCLB.503579.150	RNA editing 3' terminal uridylyl transferase 2, putative	-0,03499	0,8085



TcCLB.504117.9	hypothetical protein, conserved	-0,03502	0,7613
TcCLB.508827.139	Coatomer subunit gamma (fragment) (COPG)	-0,03506	0,7193
TcCLB.511585.190	eukaryotic initiation factor 4a, putative	-0,03516	0,6833
TcCLB.508813.50	oxidoreductase-like protein, putative	-0,03528	0,7424
TcCLB.506513.14	hypothetical protein, conserved	-0,0355	0,8594
TcCLB.506591.90	hypothetical protein, conserved	-0,03555	0,948
TcCLB.398751.10	hypothetical protein, conserved	-0,03569	0,9245
TcCLB.510155.30	hypothetical protein, conserved	-0,0357	0,7178
TcCLB.511277.510	hypothetical protein, conserved	-0,03572	0,7223
TcCLB.506107.20	dihydrouridine synthase (Dus), putative	-0,03592	0,8617
TcCLB.511249.100	hypothetical protein, conserved	-0,036	0,6938
TcCLB.508693.170	hypothetical protein, conserved	-0,03605	0,8083
TcCLB.506885.260	hypothetical protein, conserved	-0,03607	0,7059
TcCLB.511287.170	hypothetical protein, conserved	-0,03613	0,7697
TcCLB.508153.830	peter pan protein, putative	-0,0362	0,806
TcCLB.510187.10	hypothetical protein, conserved	-0,03622	0,896
TcCLB.510073.90	hypothetical protein, conserved	-0,03624	0,7821
TcCLB.511807.260	hypothetical protein, conserved	-0,03642	0,6617
TcCLB.509567.40	nuclear transport factor 2, putative	-0,0365	0,7989
TcCLB.506959.50	hypothetical protein, conserved	-0,03665	0,768
TcCLB.511021.10	protein phosphatase 2A catalytic subunit, putative	-0,03667	0,8108
TcCLB.503663.10	septum formation inhibitor, Maf-like protein, putative	-0,03674	0,84
TcCLB.508819.50	katanin, putative (fragment)	-0,03753	0,8241
TcCLB.510257.10	hypothetical protein, conserved	-0,03765	0,6457
TcCLB.508173.260	hypothetical protein, conserved	-0,03775	0,7814
TcCLB.509671.30	hypothetical protein, conserved	-0,03776	0,7888
TcCLB.507787.10	kinesin-like protein (pseudogene), putative	-0,03795	0,7963
TcCLB.509053.60	hypothetical protein, conserved	-0,03823	0,8473
TcCLB.508409.50	hypothetical protein, conserved	-0,03824	0,7549
TcCLB.510857.20	hypothetical protein, conserved	-0,03843	0,8208
TcCLB.509629.20	DnaJ chaperone protein, putative	-0,03847	0,8426
TcCLB.506857.70	hypothetical protein, conserved	-0,03851	0,7528
TcCLB.509967.100	hypothetical protein, conserved (pseudogene)	-0,03856	0,8256
TcCLB.506945.200	mago nashi-like protein, putative	-0,03859	0,7092
TcCLB.469785.5	hypothetical protein, conserved (fragment)	-0,03889	0,8481
TcCLB.510969.30	hypothetical protein, conserved	-0,03916	0,853
TcCLB.506493.9	hypothetical protein, conserved	-0,03937	0,7899
TcCLB.511483.10	hypothetical protein	-0,03938	0,7661
TcCLB.464807.20	hypothetical protein, conserved (fragment)	-0,03958	0,7533
TcCLB.508965.60	rac serine-threonine kinase, putative	-0,03964	0,7173
TcCLB.509217.150	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,03966	0,8316
TcCLB.506679.260	hypothetical protein, conserved	-0,03974	0,7168
TcCLB.508169.30	hypothetical protein, conserved	-0,03999	0,7911
TcCLB.510081.11	hypothetical protein, conserved (pseudogene)	-0,04001	0,7483
TcCLB.508891.10	dolichyl-P-Man:GDP-ManGlcNAc2-PP-dolichyl beta-1,4-m	-0,04007	0,8197

TcCLB.506967.13	hypothetical protein, conserved	-0,0401	0,8514
TcCLB.506631.40	hypothetical protein, conserved	-0,04017	0,7205
TcCLB.510063.20	ATP-dependent DEAD/H DNA helicase recQ, putative	-0,0402	0,8624
TcCLB.510329.60	RAB GDP dissociation inhibitor alpha, putative	-0,04028	0,6863
TcCLB.509633.10	hypothetical protein, conserved	-0,0405	0,8246
TcCLB.511019.120	hypothetical protein, conserved	-0,04053	0,7065
TcCLB.504057.178	hypothetical protein, conserved	-0,0406	0,7627
TcCLB.511511.60	phospholipid-translocating P-type ATPase (flippase), putative	-0,04066	0,7969
TcCLB.510311.40	hypothetical protein, conserved	-0,0408	0,6526
TcCLB.508817.5	dynein heavy chain, putative	-0,04088	0,8128
TcCLB.506675.99	trans-sialidase (pseudogene), putative	-0,0409	0,9068
TcCLB.511815.70	hypothetical protein, conserved	-0,04116	0,8426
TcCLB.508173.200	hypothetical protein, conserved	-0,04128	0,6035
TcCLB.508529.30	retrotransposon hot spot protein (RHS, pseudogene), putative	-0,0414	0,7107
TcCLB.510197.47	mucin TcMUCII (pseudogene), putative	-0,04142	0,8743
TcCLB.507773.40	hypothetical protein, conserved	-0,04145	0,7273
TcCLB.511927.20	hypothetical protein, conserved	-0,04145	0,8083
TcCLB.511467.13	hypothetical protein, conserved	-0,04155	0,8261
TcCLB.511817.130	hypothetical protein, conserved	-0,04157	0,806
TcCLB.503687.20	glyceraldehyde-3-phosphate dehydrogenase, putative	-0,04159	0,7424
TcCLB.507771.9	kinesin, putative (fragment)	-0,0416	0,862
TcCLB.511321.70	hypothetical protein, conserved	-0,04161	0,721
TcCLB.511573.58	Nucleolar protein 56, putative (fragment) (NOP56)	-0,04174	0,7049
TcCLB.507093.270	guanine nucleotide releasing protein, putative	-0,04177	0,7652
TcCLB.511003.190	hypothetical protein, conserved	-0,04188	0,8019
TcCLB.510083.30	retrotransposon hot spot protein (RHS, pseudogene), putative	-0,0419	0,6739
TcCLB.509029.160	hypothetical protein, conserved	-0,0419	0,7212
TcCLB.508541.10	elongation factor 1-gamma (EF-1-gamma, pseudogene), putative	-0,04193	0,8916
TcCLB.511897.10	TFIIH basal transcription factor complex helicase subunit, putative	-0,042	0,7135
TcCLB.510187.540	amino acid permease, putative	-0,04207	0,7431
TcCLB.510303.270	hypothetical protein, conserved	-0,04216	0,5933
TcCLB.508479.220	hypothetical protein, conserved	-0,04238	0,7881
TcCLB.510691.4	hypothetical protein, conserved	-0,04249	0,8735
TcCLB.509565.9	hypothetical protein (fragment)	-0,0425	0,6452
TcCLB.506961.97	N-acetyltransferase complex ARD1 subunit (pseudogene), putative	-0,04268	0,8963
TcCLB.508879.80	hypothetical protein, conserved	-0,04272	0,7494
TcCLB.507063.250	hypothetical protein	-0,04277	0,8339
TcCLB.507969.50	actin 2, putative	-0,04281	0,7963
TcCLB.510595.40	hypothetical protein, conserved	-0,04296	0,7686
TcCLB.506847.70	hypothetical protein, conserved	-0,04319	0,7966
TcCLB.510997.30	hypothetical protein, conserved	-0,0432	0,6839
TcCLB.509259.111	N-acetyltransferase complex ARD1 subunit (pseudogene), putative	-0,04321	0,8934
TcCLB.508385.40	dual specificity protein phosphatase, putative	-0,04331	0,7761
TcCLB.509747.60	hypothetical protein, conserved	-0,04334	0,697
TcCLB.508231.50	legume-like lectin, putative	-0,04343	0,763

TcCLB.506327.60	hypothetical protein, conserved	-0,04346	0,7935
TcCLB.509707.29	phosphatidylinositol-4-phosphate 5-kinase-like protein	-0,0435	0,825
TcCLB.509999.60	lipase domain protein, putative	-0,04352	0,6413
TcCLB.506383.10	mannosyl-oligosaccharide 1,2-alpha-mannosidase IB, putative	-0,04367	0,7593
TcCLB.507513.20	hypothetical protein, conserved	-0,04371	0,7115
TcCLB.510659.36	hypothetical protein, conserved	-0,04375	0,7348
TcCLB.510517.30	hypothetical protein, conserved	-0,0439	0,6826
TcCLB.509693.120	hypothetical protein, conserved	-0,04397	0,6831
TcCLB.504151.50	hypothetical protein, conserved	-0,04407	0,8059
TcCLB.511339.10	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, putative	-0,04407	0,889
TcCLB.510053.20	hypothetical protein, conserved	-0,0441	0,7106
TcCLB.509443.48	hypothetical protein, conserved	-0,04411	0,828
TcCLB.508881.130	hypothetical protein, conserved	-0,04421	0,7675
TcCLB.509169.10	hypothetical protein, conserved	-0,04426	0,718
TcCLB.510767.40	hypothetical protein, conserved	-0,04429	0,7595
TcCLB.509733.120	hypothetical protein, conserved	-0,0443	0,6546
TcCLB.511217.80	hypothetical protein, conserved	-0,04432	0,8572
TcCLB.510719.230	hypothetical protein, conserved	-0,04489	0,689
TcCLB.506627.10	AMP deaminase 2, putative	-0,04507	0,7051
TcCLB.507017.170	hypothetical protein, conserved	-0,04522	0,8188
TcCLB.506175.70	hypothetical protein, conserved	-0,04523	0,7061
TcCLB.506165.16	protein kinase, putative	-0,04524	0,867
TcCLB.507849.60	hypothetical protein, conserved	-0,04537	0,6678
TcCLB.508951.10	hypothetical protein, conserved	-0,04537	0,7105
TcCLB.506247.270	ATPase, putative	-0,04539	0,635
TcCLB.511925.50	hypothetical protein, conserved	-0,04539	0,7255
TcCLB.510655.70	hypothetical protein, conserved	-0,04547	0,7749
TcCLB.503779.40	protein-l-isoaspartate o-methyltransferase, putative	-0,04555	0,7071
TcCLB.503809.10	hypothetical protein, conserved	-0,04562	0,657
TcCLB.511589.29	hypothetical protein, conserved	-0,04576	0,7584
TcCLB.407477.69	hypothetical protein, conserved (fragment)	-0,0458	0,7549
TcCLB.508871.30	surface protease GP63 (pseudogene), putative	-0,04582	0,8704
TcCLB.506941.139	zinc finger protein, putative	-0,0461	0,6773
TcCLB.508895.50	RNA-binding protein, putative	-0,04621	0,6813
TcCLB.508355.210	hypothetical protein, conserved	-0,04623	0,763
TcCLB.507663.9	hypothetical protein, conserved	-0,04625	0,8223
TcCLB.511071.160	hypothetical protein, conserved	-0,04628	0,7584
TcCLB.508479.200	palmitoyl acyltransferase 10, putative	-0,04633	0,6791
TcCLB.506265.150	hypothetical protein, conserved	-0,04641	0,8022
TcCLB.510407.40	hypothetical protein, conserved	-0,04643	0,7327
TcCLB.506855.160	hypothetical protein, conserved	-0,04648	0,6111
TcCLB.508577.80	hypothetical protein, conserved	-0,04649	0,792
TcCLB.508149.40	hypothetical protein, conserved (pseudogene)	-0,04649	0,8675
TcCLB.508755.11	trans-sialidase (pseudogene), putative	-0,04651	0,8281
TcCLB.509229.90	hypothetical protein, conserved	-0,04656	0,6758

TcCLB.510877.110	hypothetical protein, conserved	-0,04681	0,5669
TcCLB.510579.50	hypothetical protein, conserved	-0,0469	0,7074
TcCLB.508823.110	hypothetical protein, conserved	-0,04696	0,5939
TcCLB.436497.10	hypothetical protein	-0,0472	0,7494
TcCLB.506147.70	hypothetical protein, conserved	-0,04743	0,7399
TcCLB.511903.10	hypothetical protein	-0,04745	0,8424
TcCLB.511285.90	19S proteasome non-atpase subunit 8 (Rpn8)	-0,04747	0,6716
TcCLB.507787.40	hypothetical protein, conserved	-0,04765	0,7737
TcCLB.511589.100	hypothetical protein, conserved	-0,04768	0,822
TcCLB.506929.20	hypothetical protein, conserved	-0,04776	0,6805
TcCLB.509179.90	hypothetical protein, conserved	-0,04777	0,8549
TcCLB.509819.30	septum formation inhibitor, Maf-like protein, putative	-0,04781	0,7534
TcCLB.503395.10	hypothetical protein, conserved	-0,04794	0,8158
TcCLB.503973.350	hypothetical protein	-0,04794	0,905
TcCLB.503797.4	hypothetical protein, conserved	-0,04797	0,6825
TcCLB.509671.150	hypothetical protein, conserved	-0,04813	0,749
TcCLB.508413.10	hypothetical protein, conserved	-0,04837	0,6836
TcCLB.510997.50	ATP-dependent DEAD/H RNA helicase (pseudogene), puta	-0,04838	0,7155
TcCLB.510647.20	hypothetical protein, conserved	-0,0484	0,6677
TcCLB.508405.60	hypothetical protein, conserved	-0,04852	0,6904
TcCLB.510329.110	hypothetical protein	-0,04866	0,6475
TcCLB.505999.189	hypothetical protein, conserved (pseudogene)	-0,04885	0,8039
TcCLB.508699.20	Translation initiation factor eIF-2B subunit epsilon, putati	-0,04889	0,6114
TcCLB.511459.70	hypothetical protein, conserved	-0,04893	0,8802
TcCLB.506945.220	serine/arginine-rich protein specific kinase SRPK, putative	-0,04896	0,5438
TcCLB.506649.64	hypothetical protein, conserved	-0,04901	0,8261
TcCLB.509563.60	hypothetical protein	-0,04926	0,8033
TcCLB.506367.70	hypothetical protein, conserved	-0,04938	0,7209
TcCLB.511813.10	hypothetical protein, conserved	-0,04946	0,6927
TcCLB.504033.190	EF hand, putative	-0,04959	0,7025
TcCLB.509569.40	hypothetical protein, conserved	-0,04975	0,6126
TcCLB.506211.60	RNA-binding protein, putative	-0,04979	0,6828
TcCLB.509791.60	hypothetical protein, conserved	-0,0498	0,6526
TcCLB.511585.200	hypothetical protein, conserved	-0,04986	0,6895
TcCLB.510547.46	hypothetical protein, conserved (pseudogene)	-0,04995	0,922
TcCLB.509573.20	hypothetical protein, conserved	-0,04997	0,8124
TcCLB.506559.517	hypothetical protein, conserved	-0,05007	0,6437
TcCLB.511467.16	hypothetical protein, conserved	-0,0502	0,6906
TcCLB.508601.130	Elongation factor G 2, mitochondrial, putative (EF-G2)	-0,05055	0,6182
TcCLB.511647.50	hypothetical protein, conserved	-0,05057	0,7197
TcCLB.508851.140	hypothetical protein, conserved	-0,05062	0,723
TcCLB.507773.10	trans-sialidase, Group IV, putative	-0,05075	0,7275
TcCLB.505071.140	protein kinase, putative	-0,05076	0,6965
TcCLB.507011.30	hypothetical protein, conserved	-0,05087	0,673
TcCLB.509749.20	hypothetical protein, conserved	-0,05092	0,8176

TcCLB.417797.9	hypothetical protein, conserved	-0,05099	0,7266
TcCLB.510945.60	hypothetical protein, conserved	-0,051	0,5843
TcCLB.508505.30	hypothetical protein, conserved	-0,05115	0,6678
TcCLB.509023.90	hypothetical protein, conserved	-0,05132	0,7972
TcCLB.504157.110	dynein intermediate chain, putative	-0,05136	0,7455
TcCLB.511491.20	hypothetical protein, conserved	-0,05137	0,5348
TcCLB.507669.239	hypothetical protein, conserved	-0,05149	0,6819
TcCLB.510421.270	hypothetical protein, conserved	-0,05158	0,7939
TcCLB.507997.60	hypothetical protein, conserved	-0,05168	0,6398
TcCLB.511733.60	hypothetical protein, conserved	-0,05173	0,7101
TcCLB.509999.50	lipase domain protein, putative	-0,05195	0,5939
TcCLB.509161.50	hypothetical protein, conserved	-0,05198	0,6772
TcCLB.427789.10	hypothetical protein, conserved	-0,05204	0,7987
TcCLB.508781.30	hypothetical protein, conserved	-0,05207	0,6715
TcCLB.511803.30	hypothetical protein, conserved	-0,05208	0,709
TcCLB.506479.110	hypothetical protein	-0,05211	0,6377
TcCLB.506673.60	AP-3 complex subunit beta, putative (AP3B)	-0,05215	0,6474
TcCLB.506477.20	vesicular-fusion protein nsf, putative	-0,05217	0,657
TcCLB.472253.10	vacuolar protein sorting complex subunit (pseudogene), pu	-0,05221	0,7667
TcCLB.510741.90	hypothetical protein, conserved	-0,05237	0,7522
TcCLB.510001.50	hypothetical protein, conserved	-0,05266	0,767
TcCLB.510733.54	hypothetical protein, conserved	-0,05271	0,7461
TcCLB.506735.50	hypothetical protein, conserved	-0,05273	0,6048
TcCLB.503673.18	hypothetical protein, conserved	-0,05285	0,7353
TcCLB.507041.80	hypothetical protein	-0,05286	0,7973
TcCLB.511423.100	kinetoplast ribosomal PPR-repeat containing protein 3, pu	-0,05289	0,6389
TcCLB.509563.10	hypothetical protein, conserved	-0,05294	0,6596
TcCLB.508075.20	DNA repair protein, putative	-0,05294	0,6857
TcCLB.511283.260	hypothetical protein, conserved	-0,05296	0,5517
TcCLB.510105.150	hypothetical protein, conserved	-0,05297	0,7697
TcCLB.508409.150	hypothetical protein, conserved	-0,05298	0,5855
TcCLB.511075.50	hypothetical protein	-0,05301	0,7167
TcCLB.511577.19	hypothetical protein, conserved	-0,05318	0,784
TcCLB.507723.150	hypothetical protein, conserved	-0,05331	0,6867
TcCLB.505363.10	trans-sialidase, Group II, putative	-0,05333	0,8456
TcCLB.507795.80	hypothetical protein, conserved	-0,05338	0,6512
TcCLB.510597.40	nucleoporin (NUP54/57), putative	-0,0534	0,7821
TcCLB.508699.40	eukaryotic translation initiation factor, putative	-0,05356	0,6488
TcCLB.509601.20	hypothetical protein, conserved	-0,05361	0,7427
TcCLB.511741.20	hypothetical protein, conserved	-0,05362	0,6827
TcCLB.506893.60	hypothetical protein, conserved	-0,05368	0,7747
TcCLB.507031.60	nuclear cap binding complex subunit CBP30, putative (CBF	-0,05376	0,696
TcCLB.506335.69	mucin-associated surface protein (MASP, pseudogene), pu	-0,05377	0,8627
TcCLB.511517.30	hypothetical protein, conserved	-0,0538	0,6618
TcCLB.506961.104	ATP-dependent DEAD/H RNA helicase (pseudogene), puta	-0,05393	0,8033

TcCLB.506873.10	hypothetical protein, conserved	-0,054	0,5921
TcCLB.507197.20	oxidoreductase-like protein, putative	-0,05422	0,6192
TcCLB.508251.10	hypothetical protein	-0,05427	0,8997
TcCLB.504079.20	hypothetical protein, conserved	-0,0543	0,7937
TcCLB.506975.60	hypothetical protein, conserved	-0,05432	0,6013
TcCLB.503925.30	protein kinase, putative	-0,05438	0,6884
TcCLB.506255.30	hypothetical protein, conserved	-0,05438	0,8166
TcCLB.511717.209	phosphatidylinositol 3-related kinase, putative (fragment)	-0,05439	0,8617
TcCLB.508839.60	ADP-ribosylation factor, putative	-0,05455	0,7266
TcCLB.506195.180	hypothetical protein, conserved	-0,05473	0,7365
TcCLB.508023.60	trans-sialidase (pseudogene), putative	-0,05491	0,7197
TcCLB.408345.10	hypothetical protein, conserved	-0,05509	0,8156
TcCLB.506411.20	hypothetical protein, conserved	-0,05531	0,6685
TcCLB.511751.70	hypothetical protein, conserved	-0,05535	0,5042
TcCLB.507951.15	hypothetical protein, conserved (fragment)	-0,05544	0,5833
TcCLB.506425.90	hypothetical protein, conserved	-0,05553	0,6726
TcCLB.511557.64	hypothetical protein	-0,05563	0,6916
TcCLB.511261.130	hypothetical protein, conserved	-0,0558	0,7558
TcCLB.511043.20	small G-protein, putative	-0,05592	0,5604
TcCLB.511239.40	hypothetical protein, conserved	-0,05599	0,6311
TcCLB.506755.150	hypothetical protein, conserved	-0,05601	0,6886
TcCLB.507677.129	hypothetical protein, conserved	-0,05617	0,5847
TcCLB.506363.120	hypothetical protein, conserved	-0,05617	0,7013
TcCLB.506247.30	RNA editing complex protein MP63, putative	-0,05619	0,4837
TcCLB.509595.70	Trichohyalin, putative	-0,05624	0,6098
TcCLB.510265.70	hypothetical protein, conserved	-0,05633	0,5245
TcCLB.509641.40	hypothetical protein, conserved	-0,05638	0,5327
TcCLB.509065.70	glyceraldehyde 3-phosphate dehydrogenase, putative	-0,05638	0,6146
TcCLB.510519.130	hypothetical protein, conserved	-0,05638	0,6866
TcCLB.511303.140	hypothetical protein, conserved	-0,05641	0,6239
TcCLB.511313.30	formin, putative	-0,05651	0,7801
TcCLB.509809.30	hypothetical protein, conserved	-0,05652	0,5272
TcCLB.510099.110	hypothetical protein, conserved	-0,05657	0,5782
TcCLB.511741.30	replication factor C, subunit 2, putative	-0,05672	0,6193
TcCLB.508165.330	trans-sialidase (pseudogene), putative	-0,05673	0,8202
TcCLB.508573.120	dispersed gene family protein 1 (DGF-1), putative	-0,05679	0,8466
TcCLB.510149.20	hypothetical protein, conserved	-0,05688	0,6531
TcCLB.511037.30	hypothetical protein, conserved	-0,0569	0,5473
TcCLB.510101.450	hypothetical protein, conserved	-0,05691	0,5556
TcCLB.511585.70	heat shock protein 70 (hsp70), putative	-0,05695	0,5787
TcCLB.508055.30	trans-sialidase, Group II, putative	-0,05696	0,806
TcCLB.506559.559	antigenic protein, putative	-0,05701	0,5931
TcCLB.507001.40	hypothetical protein, conserved	-0,05701	0,5979
TcCLB.510185.10	sterol 24-c-methyltransferase, putative	-0,05705	0,6714
TcCLB.408573.5	hypothetical protein	-0,05705	0,8978

TcCLB.508553.10	dispersed gene family protein 1 (DGF-1, pseudogene), put	-0,05709	0,797
TcCLB.439125.10	Peptide chain release factor 1, mitochondrial, putative (RI	-0,05738	0,7078
TcCLB.454403.10	trans-sialidase (pseudogene), putative	-0,0574	0,6166
TcCLB.511289.119	C-terminal motor kinesin, putative (fragment)	-0,05771	0,6797
TcCLB.506335.110	trans-sialidase (pseudogene), putative	-0,05774	0,8055
TcCLB.508637.110	nucleotide-binding protein, putative	-0,05775	0,6986
TcCLB.510075.30	hypothetical protein, conserved	-0,05776	0,5776
TcCLB.507025.20	hypothetical protein, conserved	-0,0578	0,6858
TcCLB.506201.140	hypothetical protein, conserved	-0,05796	0,5426
TcCLB.506941.50	hypothetical protein, conserved	-0,05798	0,6296
TcCLB.509859.60	hypothetical protein, conserved	-0,0581	0,5924
TcCLB.506925.80	hypothetical protein, conserved	-0,05824	0,5991
TcCLB.506007.40	protein kinase, putative	-0,05841	0,6245
TcCLB.506871.160	RNA guanylyltransferase, putative	-0,05843	0,5782
TcCLB.508857.40	UDP-glucuronosyl and UDP-glucosyl transferase, putative	-0,05851	0,7113
TcCLB.504867.80	DNA primase large subunit, putative (pril)	-0,05869	0,6575
TcCLB.510629.440	hypothetical protein, conserved	-0,05872	0,4998
TcCLB.510963.60	hypothetical protein, conserved	-0,05873	0,6605
TcCLB.510487.37	trans-sialidase (pseudogene), putative	-0,05889	0,8261
TcCLB.510579.119	hypothetical protein, conserved	-0,05912	0,6588
TcCLB.508891.20	hypothetical protein, conserved	-0,05921	0,5963
TcCLB.506435.30	mitochondrial DNA polymerase I protein A, putative	-0,05945	0,5674
TcCLB.511019.108	hypothetical protein, conserved	-0,05947	0,6904
TcCLB.506943.90	hypothetical protein, conserved	-0,0595	0,7361
TcCLB.506885.270	tubulin tyrosine ligase, putative	-0,05951	0,6011
TcCLB.503891.40	hypothetical protein, conserved	-0,05954	0,6075
TcCLB.506223.70	hypothetical protein	-0,05961	0,7741
TcCLB.509695.30	hypothetical protein, conserved	-0,05965	0,7212
TcCLB.506559.360	hypothetical protein, conserved	-0,05973	0,5715
TcCLB.509985.30	hypothetical protein, conserved	-0,05992	0,6824
TcCLB.507031.170	protein kinase (pseudogene), putative	-0,06	0,5951
TcCLB.511473.9	N-acetyltransferase complex ARD1 subunit (pseudogene),	-0,06007	0,8083
TcCLB.511271.10	dispersed gene family protein 1 (DGF-1, pseudogene), put	-0,06008	0,7902
TcCLB.508159.26	hypothetical protein, conserved (pseudogene)	-0,06009	0,8037
TcCLB.508641.90	hypothetical protein, conserved	-0,06017	0,5645
TcCLB.508153.440	polynucleotide adenylyltransferase, putative (PAP)	-0,06017	0,6609
TcCLB.507483.4	polyubiquitin (pseudogene), putative	-0,06027	0,7977
TcCLB.507641.170	hypothetical protein, conserved	-0,06029	0,5773
TcCLB.508153.220	hypothetical protein, conserved	-0,06052	0,6389
TcCLB.508681.31	hypothetical protein	-0,06055	0,8613
TcCLB.509153.30	hypothetical protein, conserved	-0,06057	0,4704
TcCLB.508831.40	hypothetical protein, conserved	-0,0606	0,7685
TcCLB.506625.210	hypothetical protein, conserved	-0,06063	0,645
TcCLB.504827.90	hypothetical protein, conserved	-0,06075	0,6783
TcCLB.510359.540	hypothetical protein	-0,06085	0,8984

TcCLB.506265.170	hypothetical protein, conserved	-0,06094	0,6584
TcCLB.510279.263	trans-sialidase (pseudogene), putative	-0,06094	0,8542
TcCLB.511283.200	hypothetical protein, conserved	-0,06098	0,5097
TcCLB.509065.180	protein kinase-like protein, putative	-0,061	0,5762
TcCLB.509073.30	ubiquitin hydrolase, putative	-0,06108	0,5448
TcCLB.508445.80	hypothetical protein, conserved	-0,06122	0,6046
TcCLB.509063.2	hypothetical protein, conserved (fragment)	-0,06124	0,8638
TcCLB.503987.30	Enriched in surface-labeled proteome protein 16 (ESP16)	-0,06128	0,5961
TcCLB.510155.180	eukaryotic initiation factor 4a, putative	-0,0614	0,5372
TcCLB.503841.60	hypothetical protein, conserved	-0,06154	0,6518
TcCLB.511803.50	hypothetical protein, conserved	-0,06175	0,6938
TcCLB.509047.100	hypothetical protein, conserved	-0,06181	0,6699
TcCLB.508965.50	hypothetical protein, conserved	-0,06209	0,6086
TcCLB.506359.99	hypothetical protein	-0,06216	0,7387
TcCLB.507305.30	casein kinase, putative	-0,06217	0,7748
TcCLB.510729.180	hypothetical protein	-0,06228	0,5879
TcCLB.503691.9	hypothetical protein, conserved (fragment)	-0,06228	0,7226
TcCLB.511715.80	hypothetical protein, conserved	-0,06234	0,6133
TcCLB.509991.20	conserved protein, unknown function	-0,06263	0,5426
TcCLB.508233.40	hypothetical protein	-0,06266	0,6432
TcCLB.509885.60	methyltransferase, putative	-0,06267	0,7071
TcCLB.511141.30	protein kinase, putative	-0,06269	0,7602
TcCLB.503557.10	hypothetical protein, conserved	-0,06271	0,697
TcCLB.511749.9	hypothetical protein, conserved (fragment)	-0,06272	0,5047
TcCLB.510257.70	hypothetical protein, conserved	-0,06273	0,5397
TcCLB.506355.150	hypothetical protein, conserved	-0,06273	0,6872
TcCLB.508181.149	hypothetical protein, conserved	-0,0629	0,7939
TcCLB.511309.80	trans-sialidase (pseudogene), putative	-0,06301	0,7009
TcCLB.503593.20	hypothetical protein, conserved	-0,06306	0,5882
TcCLB.507039.20	GDP-mannose 4,6 dehydratase (pseudogene), putative	-0,06326	0,6867
TcCLB.511263.50	hypothetical protein, conserved	-0,06328	0,785
TcCLB.506637.90	hypothetical protein, conserved	-0,06331	0,519
TcCLB.506649.4	hypothetical protein, conserved	-0,06335	0,7264
TcCLB.506529.480	hypothetical protein, conserved	-0,06352	0,6077
TcCLB.511729.30	hypothetical protein, conserved	-0,06357	0,616
TcCLB.509223.80	trans-sialidase (pseudogene), putative	-0,06358	0,7074
TcCLB.504247.20	ATP-dependent RNA helicase, putative	-0,06362	0,5154
TcCLB.511755.24	hypothetical protein, conserved (pseudogene)	-0,06364	0,7018
TcCLB.509965.400	hypothetical protein, conserved	-0,06372	0,5514
TcCLB.504213.20	hypothetical protein, conserved	-0,06376	0,516
TcCLB.511621.130	hypothetical protein, conserved	-0,0638	0,5664
TcCLB.510229.20	8-oxoguanine DNA glycosylase, putative	-0,06382	0,6683
TcCLB.508721.20	hypothetical protein, conserved	-0,06388	0,6315
TcCLB.506575.54	hypothetical protein, conserved	-0,06392	0,7487
TcCLB.505101.30	hypothetical protein, conserved	-0,06403	0,8781



TcCLB.511825.90	hypothetical protein, conserved	-0,06416	0,7333
TcCLB.510143.30	hypothetical protein, conserved	-0,06435	0,5855
TcCLB.506833.60	UV excision repair RAD23-like protein, putative	-0,06445	0,495
TcCLB.510131.60	hypothetical protein	-0,06447	0,6477
TcCLB.504043.10	hypothetical protein, conserved	-0,06454	0,5227
TcCLB.511517.10	hypothetical protein, conserved	-0,0646	0,6734
TcCLB.506839.34	oxidoreductase, putative	-0,06472	0,7709
TcCLB.506629.240	retrotransposon hot spot (RHS) protein, putative (fragmer	-0,06484	0,878
TcCLB.511859.20	hypothetical protein, conserved	-0,06489	0,6223
TcCLB.508851.170	DNA topoisomerase III, putative	-0,06494	0,5669
TcCLB.508647.190	hypothetical protein, conserved	-0,06498	0,5889
TcCLB.509971.70	hypothetical protein	-0,06505	0,8203
TcCLB.511277.39	hypothetical protein, conserved	-0,06511	0,7815
TcCLB.510201.45	hypothetical protein, conserved (pseudogene)	-0,06512	0,7506
TcCLB.506853.30	arginine N-methyltransferase, type II, putative (PRMT5)	-0,06519	0,6009
TcCLB.510957.9	calpain-like cysteine peptidase, putative	-0,06522	0,4272
TcCLB.510149.110	phosphate transporter, putative	-0,06529	0,5833
TcCLB.506587.100	surface protease GP63, putative	-0,06533	0,5945
TcCLB.508503.70	hypothetical protein, conserved	-0,06556	0,571
TcCLB.503641.10	hypothetical protein, conserved	-0,06556	0,5805
TcCLB.506885.364	hypothetical protein, conserved	-0,06563	0,6893
TcCLB.506963.80	hypothetical protein, conserved	-0,06566	0,4973
TcCLB.506559.370	hypothetical protein, conserved	-0,06579	0,5691
TcCLB.428999.10	hypothetical protein	-0,0658	0,6623
TcCLB.504557.60	hypothetical protein, conserved	-0,06583	0,702
TcCLB.507835.80	trans-sialidase, putative	-0,06583	0,8304
TcCLB.510627.215	hypothetical protein, conserved (pseudogene)	-0,06584	0,9185
TcCLB.509161.70	Mg transporter, putative	-0,06591	0,5775
TcCLB.506495.30	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,06594	0,7356
TcCLB.507011.250	hypothetical protein, conserved	-0,06606	0,4365
TcCLB.506127.70	hypothetical protein	-0,06612	0,5692
TcCLB.509901.140	COP9 signalosome complex subunit 5, putative	-0,06633	0,6079
TcCLB.507611.114	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,06639	0,7611
TcCLB.506667.5	surface protease GP63 (pseudogene), putative	-0,06645	0,8823
TcCLB.506793.100	hypothetical protein, conserved	-0,06651	0,5614
TcCLB.509033.50	hypothetical protein, conserved	-0,06652	0,4967
TcCLB.511411.30	arginine permease (AAAP411)	-0,06662	0,8618
TcCLB.509569.80	hypothetical protein	-0,06669	0,6345
TcCLB.506559.380	centrin, putative	-0,06679	0,5913
TcCLB.511499.30	RNA decapping enzyme, putative (Dcp2)	-0,06687	0,7015
TcCLB.506745.4	hypothetical protein, conserved (fragment)	-0,06693	0,8473
TcCLB.511821.130	hypothetical protein	-0,06707	0,5421
TcCLB.508119.11	surface protease GP63 (pseudogene), putative	-0,06717	0,7377
TcCLB.509967.150	hypothetical protein, conserved	-0,0673	0,5919
TcCLB.505071.119	hypothetical protein, conserved	-0,06736	0,626

TcCLB.507001.10	hypothetical protein, conserved	-0,06744	0,5048
TcCLB.509551.90	hypothetical protein, conserved	-0,06746	0,6308
TcCLB.509745.10	hypothetical protein, conserved	-0,06758	0,4922
TcCLB.506797.100	beta-ketoacyl-ACP reductase 2, putative	-0,06758	0,5844
TcCLB.506509.30	hypothetical protein, conserved	-0,06778	0,5507
TcCLB.510879.70	selenocysteine-tRNA-specific elongation factor, putative	-0,0679	0,5531
TcCLB.504045.90	hypothetical protein, conserved (pseudogene)	-0,06822	0,6369
TcCLB.510531.30	hypothetical protein, conserved	-0,06827	0,515
TcCLB.511717.140	hypothetical protein, conserved	-0,0683	0,6588
TcCLB.507061.30	iron superoxide dismutase, putative	-0,06833	0,7009
TcCLB.424123.30	hypothetical protein, conserved	-0,06843	0,6397
TcCLB.511233.50	hypothetical protein, conserved	-0,06876	0,5892
TcCLB.505193.74	hypothetical protein, conserved	-0,06879	0,5715
TcCLB.506167.50	clathrin heavy chain, putative	-0,06885	0,3979
TcCLB.506575.50	hypothetical protein, conserved	-0,06887	0,4683
TcCLB.511217.110	hypothetical protein, conserved	-0,06891	0,5295
TcCLB.511809.50	hypothetical protein, conserved	-0,06892	0,6149
TcCLB.507989.10	hypothetical protein, conserved	-0,06898	0,5829
TcCLB.506519.70	hypothetical protein	-0,06899	0,6818
TcCLB.511291.10	intraflagellar transport protein 80, putative (fragment) (IF	-0,06915	0,6342
TcCLB.509921.40	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,06928	0,6224
TcCLB.509801.30	citrate synthase, putative	-0,06928	0,8106
TcCLB.508515.10	hypothetical protein, conserved	-0,06929	0,692
TcCLB.509417.30	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,06933	0,799
TcCLB.510657.220	hypothetical protein, conserved	-0,06942	0,6648
TcCLB.507601.30	hypothetical protein, conserved	-0,06956	0,6937
TcCLB.504059.24	hypothetical protein, conserved	-0,0696	0,7071
TcCLB.509721.79	hypothetical protein, conserved (fragment)	-0,06972	0,5369
TcCLB.511365.10	hypothetical protein, conserved	-0,06974	0,5828
TcCLB.510523.20	hypothetical protein, conserved	-0,06981	0,6231
TcCLB.507927.4	rac serine-threonine kinase, putative	-0,06981	0,6447
TcCLB.510081.21	ATP-dependent DEAD/H RNA helicase (pseudogene), puta	-0,06983	0,7655
TcCLB.510897.99	hypothetical protein, conserved (fragment)	-0,06985	0,7383
TcCLB.503651.20	hypothetical protein	-0,06992	0,6269
TcCLB.511001.50	hypothetical protein, conserved	-0,06994	0,5924
TcCLB.503423.30	hypothetical protein, conserved	-0,07014	0,7987
TcCLB.508293.111	elongation factor 1-gamma (EF-1-gamma, pseudogene),	-0,07015	0,8754
TcCLB.510989.69	hypothetical protein, conserved	-0,07019	0,732
TcCLB.510687.100	Unc104-like kinesin, putative	-0,07037	0,4784
TcCLB.510557.73	mucin-associated surface protein (MASP, pseudogene), pi	-0,07043	0,8276
TcCLB.506861.20	hypothetical protein, conserved	-0,07056	0,5511
TcCLB.506945.250	hypothetical protein, conserved	-0,07066	0,4574
TcCLB.506363.30	hypothetical protein, conserved	-0,07068	0,4928
TcCLB.509999.70	hypothetical protein, conserved	-0,0707	0,5359
TcCLB.507021.100	hypothetical protein, conserved	-0,07073	0,5224

TcCLB.504247.30	transcription elongation factor 1 homolog (ELOF1)	-0,07081	0,6779
TcCLB.506211.70	RNA-binding protein, putative	-0,07083	0,5248
TcCLB.506537.50	retrotransposon hot spot (RHS) protein, putative	-0,07083	0,8094
TcCLB.460197.10	cysteine peptidase (pseudogene), putative	-0,07084	0,7804
TcCLB.509669.80	hypothetical protein, conserved	-0,07099	0,7208
TcCLB.508525.40	hypothetical protein, conserved	-0,071	0,5543
TcCLB.510329.30	hypothetical protein, conserved	-0,07108	0,5235
TcCLB.507389.70	peptidase, putative	-0,0711	0,3905
TcCLB.506489.50	serine/threonine protein kinase, putative	-0,07111	0,6384
TcCLB.509877.89	hypothetical protein, conserved	-0,07121	0,686
TcCLB.510741.30	hypothetical protein, conserved	-0,07136	0,4899
TcCLB.511365.100	hypothetical protein, conserved	-0,07137	0,6636
TcCLB.510029.60	Vesicle-trafficking protein SEC22, putative (SEC22)	-0,07143	0,5971
TcCLB.506195.80	adenylate kinase, putative	-0,07149	0,6321
TcCLB.510295.15	hypothetical protein, conserved	-0,07157	0,6082
TcCLB.511143.12	hypothetical protein, conserved	-0,07162	0,5243
TcCLB.511071.150	hypothetical protein, conserved	-0,0717	0,6182
TcCLB.507053.150	hypothetical protein, conserved	-0,07171	0,5158
TcCLB.508899.70	hypothetical protein, conserved	-0,07182	0,595
TcCLB.507971.29	hypothetical protein, conserved	-0,07187	0,6844
TcCLB.509835.20	guanine nucleotide exchange factor subunit GCD2	-0,07201	0,6013
TcCLB.510861.150	hypothetical protein	-0,07211	0,4062
TcCLB.506879.100	hypothetical protein, conserved	-0,07213	0,7082
TcCLB.506941.194	hypothetical protein, conserved	-0,07217	0,4142
TcCLB.508693.70	hypothetical protein, conserved	-0,07244	0,5866
TcCLB.507081.139	hypothetical protein, conserved (fragment)	-0,07267	0,5068
TcCLB.506289.74	chaperone DNAJ protein, putative	-0,07282	0,5744
TcCLB.508909.270	hypothetical protein, conserved	-0,07283	0,4825
TcCLB.504157.80	hypothetical protein, conserved	-0,0729	0,4712
TcCLB.507093.190	hypothetical protein, conserved	-0,07295	0,6451
TcCLB.509979.130	hypothetical protein, conserved	-0,07308	0,4078
TcCLB.506989.270	hypothetical protein, conserved	-0,07312	0,8769
TcCLB.510027.20	transporter, putative	-0,07335	0,5964
TcCLB.503877.10	hypothetical protein, conserved	-0,07385	0,642
TcCLB.510173.60	intraflagellar transport protein 122B, putative (IFT122B)	-0,07387	0,4349
TcCLB.506591.130	hypothetical protein, conserved	-0,07389	0,5636
TcCLB.504625.80	hypothetical protein, conserved	-0,0739	0,5544
TcCLB.506363.150	soluble N-ethylmaleimide sensitive factor (NSF) attachment	-0,07393	0,6202
TcCLB.509777.130	inositol phosphosphingolipid phospholipase C-Like, putative	-0,07396	0,5014
TcCLB.508119.90	surface protease GP63 (pseudogene), putative	-0,07398	0,4969
TcCLB.508299.89	hypothetical protein, conserved	-0,07408	0,6685
TcCLB.503721.30	hypothetical protein, conserved	-0,0741	0,459
TcCLB.506755.250	mitochondrial import inner membrane translocase subunit	-0,0741	0,5034
TcCLB.506529.500	hypothetical protein, conserved	-0,07415	0,5588
TcCLB.504131.170	ubiquitin carboxyl-terminal hydrolase, putative	-0,07416	0,4999

TcCLB.509179.80	hypothetical protein, conserved	-0,0742	0,6994
TcCLB.468803.10	surface protease GP63, putative	-0,07423	0,8042
TcCLB.511407.10	nuclear transport factor 2, putative	-0,07429	0,5135
TcCLB.510691.80	hypothetical protein, conserved	-0,07434	0,6466
TcCLB.509579.32	N-acetyltransferase complex ARD1 subunit (pseudogene),	-0,07446	0,8117
TcCLB.509033.44	hypothetical protein, conserved	-0,07446	0,8231
TcCLB.507011.210	hypothetical protein, conserved	-0,07468	0,5145
TcCLB.511911.81	hypothetical protein, conserved (pseudogene)	-0,0747	0,7233
TcCLB.511511.30	hypothetical protein, conserved	-0,07474	0,5021
TcCLB.503839.19	hypothetical protein, conserved	-0,07476	0,5592
TcCLB.509105.60	adenosine deaminase-like protein, putative (ADAT1h)	-0,0748	0,5756
TcCLB.503809.40	protein kinase, putative	-0,0748	0,6596
TcCLB.509601.80	hypothetical protein, conserved	-0,07485	0,5339
TcCLB.511071.130	Trypanosome basal body component protein (TBBC)	-0,07487	0,416
TcCLB.507021.10	hypothetical protein, conserved	-0,07499	0,5703
TcCLB.510285.130	hypothetical protein, conserved	-0,07507	0,6146
TcCLB.507019.90	hypothetical protein, conserved	-0,07514	0,6836
TcCLB.511921.10	hypothetical protein, conserved (pseudogene)	-0,07532	0,7432
TcCLB.508219.30	surface protease GP63 (pseudogene), putative	-0,07533	0,875
TcCLB.504185.40	hypothetical protein, conserved	-0,07552	0,5374
TcCLB.511349.80	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,07558	0,8707
TcCLB.511753.110	hypothetical protein, conserved	-0,07563	0,3744
TcCLB.506625.50	hypothetical protein	-0,07564	0,8083
TcCLB.509231.20	protein kinase, putative	-0,07573	0,5326
TcCLB.506841.12	hypothetical protein, conserved	-0,07577	0,5999
TcCLB.508461.142	hypothetical protein	-0,07582	0,52
TcCLB.511189.60	hypothetical protein, conserved	-0,07584	0,528
TcCLB.511269.4	Ras-related protein Rab5A, putative (RAB5A)	-0,07587	0,5018
TcCLB.506247.40	hypothetical protein, conserved	-0,07601	0,555
TcCLB.503893.60	hypothetical protein, conserved	-0,07613	0,5283
TcCLB.509911.4	hypothetical protein, conserved	-0,07614	0,6636
TcCLB.508277.390	hypothetical protein, conserved	-0,07615	0,4086
TcCLB.509825.30	hypothetical protein, conserved	-0,07617	0,5476
TcCLB.509941.100	2,4-dienoyl-coa reductase fadh1, putative	-0,07627	0,4441
TcCLB.504069.100	RNA polymerase II, putative	-0,07627	0,5607
TcCLB.510337.50	hypothetical protein, conserved (pseudogene)	-0,07633	0,6701
TcCLB.507735.30	hypothetical protein, conserved	-0,07634	0,591
TcCLB.507063.140	hypothetical protein, conserved	-0,07635	0,6719
TcCLB.510421.70	hypothetical protein, conserved	-0,0764	0,5703
TcCLB.508909.210	hypothetical protein, conserved	-0,07652	0,4339
TcCLB.511019.47	N-acetyltransferase complex ARD1 subunit (pseudogene),	-0,07673	0,7457
TcCLB.507631.10	hypothetical protein, conserved	-0,07676	0,738
TcCLB.504149.140	hypothetical protein, conserved	-0,07693	0,4295
TcCLB.510661.230	hypothetical protein, conserved	-0,07696	0,4283
TcCLB.507841.30	hypothetical protein, conserved	-0,07703	0,7037

TcCLB.508479.83	N-acetyltransferase complex ARD1 subunit (pseudogene),	-0,07706	0,8039
TcCLB.507941.10	hypothetical protein, conserved	-0,07716	0,4292
TcCLB.506733.90	hypothetical protein, conserved	-0,07723	0,4684
TcCLB.508153.810	hypothetical protein, conserved	-0,07737	0,6188
TcCLB.507709.140	hypothetical protein, conserved	-0,0774	0,5702
TcCLB.509695.220	serine carboxypeptidase (CBP1), putative	-0,07743	0,5842
TcCLB.510635.30	dispersed gene family protein 1 (DGF-1, pseudogene), put	-0,07746	0,8085
TcCLB.510323.50	hypothetical protein, conserved	-0,07749	0,6263
TcCLB.509649.30	19S proteasome non-atpase subunit 8 (Rpn8)	-0,07769	0,4612
TcCLB.510943.100	acetyltransferase, putative	-0,07773	0,6204
TcCLB.508779.40	hypothetical protein, conserved	-0,07777	0,5763
TcCLB.508823.152	hypothetical protein (fragment)	-0,07787	0,5404
TcCLB.511277.115	hypothetical protein, conserved	-0,07804	0,378
TcCLB.511809.40	hypothetical protein, conserved	-0,07817	0,5201
TcCLB.511499.20	hypothetical protein, conserved	-0,0782	0,5531
TcCLB.503895.19	hypothetical protein	-0,07822	0,3985
TcCLB.506727.90	enoyl-CoA hydratase/isomerase family protein, putative	-0,07824	0,5238
TcCLB.474887.9	pseudouridine synthase TruD, putative (fragment)	-0,07829	0,5747
TcCLB.507011.40	hypothetical protein, conserved	-0,07842	0,5048
TcCLB.507831.100	hypothetical protein, conserved	-0,07844	0,5295
TcCLB.511523.4	hypothetical protein, conserved	-0,07852	0,534
TcCLB.507623.120	hypothetical protein, conserved	-0,07852	0,6087
TcCLB.511285.4	intraflagellar transport protein 140, putative (fragment) (I	-0,07859	0,52
TcCLB.507517.90	nucleotide-binding protein, putative	-0,07893	0,5338
TcCLB.510661.244	hypothetical protein, conserved	-0,07899	0,5968
TcCLB.511367.210	ubiquitin-conjugating enzyme variant Kua homologue, put	-0,07906	0,6559
TcCLB.510121.9	hypothetical protein, conserved	-0,07907	0,6872
TcCLB.507023.260	hypothetical protein, conserved	-0,0791	0,5082
TcCLB.508881.60	hypothetical protein, conserved	-0,07915	0,5478
TcCLB.508205.4	hypothetical protein, conserved	-0,07935	0,6644
TcCLB.454391.10	trans-sialidase (pseudogene), putative	-0,07942	0,5035
TcCLB.508641.140	hypothetical protein, conserved	-0,07963	0,6156
TcCLB.508999.190	calpain-like cysteine peptidase, putative	-0,07964	0,351
TcCLB.506671.61	hypothetical protein, conserved (pseudogene)	-0,07976	0,7209
TcCLB.507029.41	hypothetical protein	-0,0798	0,7509
TcCLB.508209.30	hypothetical protein, conserved	-0,0799	0,381
TcCLB.507673.30	hypothetical protein, conserved	-0,07992	0,5383
TcCLB.505183.120	aldo/keto reductase, putative	-0,08001	0,5683
TcCLB.510687.94	Unc104-like kinesin, putative	-0,08013	0,5419
TcCLB.504153.70	hypothetical protein, conserved	-0,08014	0,4485
TcCLB.506929.60	ATP-dependent DEAD/H RNA helicase (pseudogene), puta	-0,0802	0,6114
TcCLB.509109.110	hypothetical protein, conserved	-0,08021	0,6538
TcCLB.510531.100	hypothetical protein, conserved	-0,08024	0,3818
TcCLB.508307.125	hypothetical protein, conserved	-0,08024	0,5452
TcCLB.506627.100	hypothetical protein, conserved	-0,08039	0,5916

TcCLB.511585.180	hypothetical protein, conserved	-0,08049	0,6596
TcCLB.506753.170	ubiquinone biosynthesis protein-like protein, putative	-0,08053	0,4937
TcCLB.506679.60	hypothetical protein, conserved	-0,08063	0,5069
TcCLB.509251.98	hypothetical protein, conserved (pseudogene)	-0,08078	0,806
TcCLB.433717.10	dispersed gene family protein 1 (DGF-1, pseudogene), put	-0,08088	0,7794
TcCLB.510731.110	hypothetical protein, conserved	-0,08095	0,5908
TcCLB.507825.20	RNA helicase, putative	-0,08117	0,3146
TcCLB.508597.9	retrotransposon hot spot (RHS) protein, putative	-0,08128	0,6255
TcCLB.508411.20	hypothetical protein, conserved	-0,08133	0,5595
TcCLB.508465.149	hypothetical protein, conserved (fragment)	-0,08135	0,6032
TcCLB.509805.240	hypothetical protein, conserved (pseudogene)	-0,08144	0,5669
TcCLB.508461.100	Bardet-Biedl syndrome 1 protein homolog (BBS1-like prot	-0,08146	0,5231
TcCLB.511255.320	surface protease GP63, putative	-0,08146	0,9033
TcCLB.509979.365	surface protease GP63 (pseudogene), putative	-0,08147	0,8226
TcCLB.511445.70	hypothetical protein, conserved	-0,08152	0,4511
TcCLB.508153.380	RNA polymerase-associated protein CTR9, putative	-0,08159	0,3817
TcCLB.510515.120	hypothetical protein, conserved	-0,08173	0,7522
TcCLB.510527.9	kinesin, putative	-0,08178	0,5777
TcCLB.509017.24	hypothetical protein, conserved	-0,08184	0,4991
TcCLB.506681.24	hypothetical protein, conserved	-0,08193	0,4781
TcCLB.509733.70	hypothetical protein, conserved	-0,08198	0,4703
TcCLB.509669.120	hypothetical protein, conserved (pseudogene)	-0,08205	0,5029
TcCLB.508479.86	ATP-dependent DEAD/H RNA helicase (pseudogene), puta	-0,08212	0,746
TcCLB.508409.180	hypothetical protein, conserved	-0,08213	0,3863
TcCLB.503919.50	hypothetical protein, conserved	-0,08222	0,4556
TcCLB.511321.30	hypothetical protein, conserved	-0,08289	0,6827
TcCLB.510943.60	U2 splicing auxiliary factor, putative (u2af26)	-0,08296	0,3681
TcCLB.506733.70	glycosyl transferase-like protein, putative	-0,08322	0,5734
TcCLB.511047.50	proteasome regulatory ATPase subunit 2, putative	-0,08331	0,4066
TcCLB.508727.40	hypothetical protein, conserved	-0,08338	0,543
TcCLB.508647.220	mitochondrial RNA binding protein 1	-0,08341	0,306
TcCLB.507737.10	hypothetical protein, conserved	-0,08343	0,7288
TcCLB.508461.210	hypothetical protein, conserved	-0,08355	0,4449
TcCLB.511543.40	hypothetical protein, conserved	-0,08358	0,4619
TcCLB.510303.290	acyl-CoA dehydrogenase, putative	-0,08365	0,5397
TcCLB.441061.9	dynein heavy chain, putative (fragment)	-0,0839	0,5572
TcCLB.510421.10	surface protease GP63 (pseudogene), putative	-0,08391	0,7799
TcCLB.506367.180	vesicular transport protein (CDC48 homologue), putative	-0,08397	0,4302
TcCLB.508323.84	peptidyl-prolyl cis-trans isomerase, putative	-0,084	0,6588
TcCLB.509453.40	RNA polymerase subunit RPB10, putative (RPB10)	-0,08412	0,6868
TcCLB.421959.10	eukaryotic translation initiation factor 4E, putative	-0,08424	0,4556
TcCLB.511855.30	hypothetical protein, conserved	-0,08439	0,7042
TcCLB.503555.20	hypothetical protein, conserved	-0,08443	0,5371
TcCLB.503973.181	surface protease GP63 (pseudogene), putative	-0,08458	0,8512
TcCLB.510237.21	hypothetical protein, conserved (pseudogene)	-0,08467	0,7549

TcCLB.510363.196	syntaxin binding protein (pseudogene), putative	-0,08481	0,8685
TcCLB.510181.60	chromatin assembly factor 1 subunit B, putative	-0,08499	0,4131
TcCLB.508839.80	hypothetical protein, conserved	-0,08513	0,4306
TcCLB.506201.130	hypothetical protein, conserved	-0,08515	0,4666
TcCLB.506425.140	hypothetical protein, conserved	-0,08525	0,4761
TcCLB.511771.185	hypothetical protein	-0,08531	0,7257
TcCLB.510037.20	surface protease GP63 (pseudogene), putative	-0,08534	0,7798
TcCLB.509419.100	mucin-associated surface protein (MASP, pseudogene), pi	-0,08537	0,8764
TcCLB.504099.70	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,08538	0,7641
TcCLB.506265.30	mitochondrial DNA polymerase I protein A, putative	-0,08539	0,4234
TcCLB.511421.120	E3 ubiquitin-protein ligase KCMF1, putative	-0,08544	0,3902
TcCLB.508549.30	target of rapamycin (TOR) kinase 1, putative	-0,08554	0,5011
TcCLB.511469.24	ADP-ribosylation factor-like 2, arl2, putative (ARL2)	-0,08557	0,7208
TcCLB.469785.10	hypothetical protein, conserved	-0,08568	0,4394
TcCLB.510487.44	elongation factor 1-gamma (EF-1-gamma, pseudogene),	-0,08569	0,8601
TcCLB.506945.280	hypothetical protein, conserved	-0,0858	0,2921
TcCLB.510143.129	hypothetical protein, conserved	-0,08585	0,6182
TcCLB.511129.54	hypothetical protein, conserved (pseudogene)	-0,08586	0,6506
TcCLB.508707.190	hypothetical protein, conserved	-0,08587	0,3632
TcCLB.509647.26	hypothetical protein, conserved	-0,08587	0,5258
TcCLB.510445.61	hypothetical protein, conserved (fragment)	-0,08592	0,6233
TcCLB.509563.40	hypothetical protein, conserved	-0,08594	0,5331
TcCLB.510075.40	hypothetical protein, conserved	-0,08594	0,5351
TcCLB.503855.10	hypothetical protein, conserved	-0,08597	0,6027
TcCLB.508475.20	hypothetical protein	-0,08608	0,4131
TcCLB.503955.89	hypothetical protein, conserved	-0,08611	0,491
TcCLB.509643.100	hypothetical protein, conserved	-0,08611	0,5895
TcCLB.503557.20	ankyrin repeat protein, putative	-0,08635	0,6563
TcCLB.510367.10	dispersed gene family protein 1 (DGF-1), putative	-0,08648	0,697
TcCLB.503841.30	rRNA dimethyltransferase, putative	-0,0865	0,6112
TcCLB.504827.70	hypothetical protein, conserved	-0,08662	0,5456
TcCLB.506963.110	NUDIX hydrolase 3, putative (Nudix3)	-0,08663	0,6297
TcCLB.507883.70	PrimPol-like protein 2, putative (ppl2)	-0,0867	0,3938
TcCLB.510955.40	axoneme central apparatus protein (PF16)	-0,0867	0,4997
TcCLB.510901.80	hypothetical protein, conserved	-0,08673	0,3999
TcCLB.510421.314	U6 snRNA-associated Sm-like protein LSm8p	-0,08685	0,6302
TcCLB.506513.30	hypothetical protein, conserved	-0,08688	0,6246
TcCLB.506887.60	small nuclear RNA gene activation protein (SNAP) 50, put	-0,0869	0,3663
TcCLB.509767.130	hypothetical protein, conserved	-0,0871	0,6855
TcCLB.504029.101	hypothetical protein, conserved	-0,08726	0,5315
TcCLB.503925.110	hypothetical protein, conserved	-0,08729	0,5943
TcCLB.510359.290	hypothetical protein, conserved	-0,08729	0,711
TcCLB.508881.110	GTP-binding protein, putative	-0,08732	0,4688
TcCLB.506357.60	hypothetical protein, conserved	-0,08741	0,3082
TcCLB.507747.220	protein farnesyltransferase, putative	-0,08748	0,4371

TcCLB.511727.300	GDP-L-fucose synthetase, putative	-0,08761	0,3983
TcCLB.503827.50	trans-sialidase (pseudogene), putative	-0,08768	0,819
TcCLB.509103.39	dynein heavy chain, putative	-0,08775	0,4588
TcCLB.511727.120	ethanolamine-phosphate cytidyltransferase (ECT)	-0,08802	0,2954
TcCLB.507611.398	RNA editing complex protein MP63, putative (fragment)	-0,08803	0,3702
TcCLB.509643.60	hypothetical protein, conserved	-0,08818	0,5238
TcCLB.507167.190	trans-sialidase (pseudogene), putative	-0,08824	0,6752
TcCLB.509695.110	hypothetical protein, conserved	-0,08842	0,4548
TcCLB.511367.80	hypothetical protein, conserved	-0,08846	0,5232
TcCLB.509937.150	serine hydroxymethyltransferase, putative	-0,08852	0,5955
TcCLB.509633.40	hypothetical protein, conserved	-0,08855	0,5634
TcCLB.506933.70	hypothetical protein, conserved	-0,0887	0,4172
TcCLB.508803.5	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,08871	0,85
TcCLB.506743.140	hypothetical protein, conserved	-0,08879	0,4693
TcCLB.510889.10	hypothetical protein, conserved	-0,08889	0,5908
TcCLB.509683.24	DNA-directed RNA polymerase I subunit, putative	-0,08901	0,5636
TcCLB.508409.329	hypothetical protein, conserved	-0,0892	0,5151
TcCLB.511131.98	hypothetical protein, conserved	-0,08928	0,5807
TcCLB.511857.20	hypothetical protein, conserved	-0,08949	0,4576
TcCLB.510971.69	hypothetical protein, conserved (fragment)	-0,08958	0,3998
TcCLB.507663.50	ATP-dependent RNA helicase, putative	-0,0897	0,2856
TcCLB.510439.20	hypothetical protein, conserved	-0,08975	0,6619
TcCLB.507641.160	hypothetical protein, conserved	-0,08984	0,256
TcCLB.510771.9	hypothetical protein, conserved (fragment)	-0,08988	0,3519
TcCLB.505051.30	tryptophanyl-tRNA synthetase, putative (fragment)	-0,08992	0,8429
TcCLB.508251.21	hypothetical protein, conserved (pseudogene)	-0,09001	0,7285
TcCLB.509365.50	hypothetical protein, conserved	-0,09002	0,8004
TcCLB.507991.126	hypothetical protein, conserved	-0,0901	0,6588
TcCLB.506257.50	surface protease GP63, putative	-0,09014	0,6993
TcCLB.506919.60	hypothetical protein	-0,09014	0,7937
TcCLB.506509.50	hypothetical protein, conserved	-0,09017	0,3879
TcCLB.506237.10	mismatch repair protein MSH5, putative	-0,09018	0,478
TcCLB.511871.34	protein transport protein Sec61 gamma subunit, putative	-0,09025	0,5397
TcCLB.506755.30	hypothetical protein, conserved	-0,09026	0,4357
TcCLB.510259.18	GlcNAc-PI synthesis protein (GPI3)	-0,09055	0,5575
TcCLB.511807.250	hypothetical protein, conserved	-0,09081	0,4369
TcCLB.510491.30	hypothetical protein, conserved (pseudogene)	-0,09084	0,5306
TcCLB.511003.210	hypothetical protein, conserved	-0,09085	0,5259
TcCLB.510887.64	hypothetical protein, conserved	-0,09094	0,6112
TcCLB.438147.9	hypothetical protein, conserved (fragment)	-0,09098	0,5358
TcCLB.506715.10	protein kinase, putative	-0,091	0,3699
TcCLB.503891.90	hypothetical protein	-0,09101	0,5593
TcCLB.508153.950	6-phosphofructo-2-kinase 1	-0,09129	0,271
TcCLB.511465.20	hypothetical protein, conserved	-0,0913	0,37
TcCLB.503969.10	tubulin delta chain (TUBD1)	-0,09135	0,5402



TcCLB.508461.174	hypothetical protein, conserved	-0,09154	0,6774
TcCLB.506303.100	hypothetical protein, conserved	-0,09155	0,5396
TcCLB.506435.170	hypothetical protein, conserved	-0,09162	0,6242
TcCLB.503803.10	rRNA biogenesis protein, putative	-0,09164	0,4291
TcCLB.508355.100	diacylglycerol acyltransferase, putative	-0,09166	0,3151
TcCLB.506351.40	ribonuclease H1, putative	-0,09168	0,5512
TcCLB.510743.50	phospholipase A2-like protein, putative	-0,09171	0,4948
TcCLB.508479.465	ATP-dependent DEAD/H RNA helicase (pseudogene), puta	-0,09173	0,7489
TcCLB.407477.44	hypothetical protein, conserved	-0,09174	0,6714
TcCLB.509229.10	hypothetical protein, conserved	-0,0918	0,433
TcCLB.507143.30	hypothetical protein	-0,09182	0,2567
TcCLB.509753.140	mucin-associated surface protein (MASP), putative	-0,09188	0,7697
TcCLB.504183.10	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,09191	0,6387
TcCLB.509203.70	DNA topoisomerase II, putative	-0,09197	0,3464
TcCLB.511311.60	hypothetical protein, conserved	-0,09198	0,5688
TcCLB.506195.150	hypothetical protein, conserved	-0,09203	0,3324
TcCLB.427247.4	hypothetical protein, conserved (fragment)	-0,09216	0,5072
TcCLB.506635.30	hypothetical protein, conserved	-0,09223	0,453
TcCLB.507997.40	hypothetical protein, conserved	-0,09226	0,4685
TcCLB.506437.30	amastin, putative	-0,09233	0,4535
TcCLB.507541.10	hypothetical protein, conserved	-0,09235	0,5999
TcCLB.510901.50	C-terminal motor kinesin, putative	-0,09236	0,3568
TcCLB.508909.140	hypothetical protein, conserved	-0,09238	0,4899
TcCLB.506657.30	hypothetical protein, conserved	-0,09239	0,3202
TcCLB.509429.150	hypothetical protein, conserved	-0,09243	0,4657
TcCLB.503477.30	hypothetical protein, conserved	-0,09274	0,5787
TcCLB.509605.10	malonyl-CoA decarboxylase, mitochondrial precursor, puta	-0,09284	0,5488
TcCLB.511911.159	histone deacetylase 1, putative	-0,09287	0,587
TcCLB.508641.300	hypothetical protein	-0,09288	0,4145
TcCLB.511733.90	hypothetical protein, conserved	-0,09301	0,5326
TcCLB.416891.9	protein kinase, putative	-0,09303	0,5476
TcCLB.508465.120	syntaxin, putative	-0,09307	0,4378
TcCLB.511165.20	hypothetical protein	-0,09313	0,3991
TcCLB.506945.30	CAS/CSE/importin domain protein, putative	-0,09318	0,3262
TcCLB.506411.39	CDP-DAG synthase, putative (fragment) (CDS)	-0,09339	0,7167
TcCLB.511609.10	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,0934	0,7348
TcCLB.506945.100	hypothetical protein, conserved	-0,09352	0,346
TcCLB.504071.80	nuclear cap binding protein, putative	-0,09358	0,604
TcCLB.508917.40	hypothetical protein, conserved	-0,09368	0,406
TcCLB.441967.9	hypothetical protein, conserved	-0,09368	0,504
TcCLB.509695.40	hypothetical protein, conserved	-0,0938	0,41
TcCLB.510329.360	hypothetical protein, conserved	-0,09399	0,5523
TcCLB.509151.40	inorganic polyphosphate/ATP-NAD kinase, putative	-0,09402	0,2368
TcCLB.504157.50	DnaJ chaperone protein, putative	-0,09404	0,4491
TcCLB.511627.120	aldo/keto reductase, putative	-0,09416	0,4712

TcCLB.509163.110	retrotransposon hot spot (RHS) protein, putative	-0,09435	0,6397
TcCLB.504033.100	hypothetical protein, conserved	-0,09437	0,3775
TcCLB.506247.450	hypothetical protein, conserved	-0,09437	0,3943
TcCLB.508183.20	hypothetical protein, conserved	-0,09447	0,4513
TcCLB.506337.140	hypothetical protein, conserved	-0,09452	0,4248
TcCLB.403875.19	hypothetical protein, conserved (fragment)	-0,09459	0,7217
TcCLB.509571.50	hypothetical protein, conserved	-0,09461	0,39
TcCLB.508461.149	hypothetical protein, conserved	-0,0947	0,337
TcCLB.511737.30	hypothetical protein, conserved	-0,0947	0,4194
TcCLB.507011.120	acyl transferase-like protein, putative	-0,09515	0,4199
TcCLB.507641.60	aldehyde dehydrogenase, putative	-0,09518	0,3274
TcCLB.506355.60	small G-protein, putative	-0,0952	0,3039
TcCLB.511287.4	hypothetical protein	-0,09529	0,3848
TcCLB.508355.130	hypothetical protein, conserved	-0,09533	0,3582
TcCLB.508347.30	hypothetical protein, conserved	-0,09551	0,3456
TcCLB.506807.10	tubulin delta chain (TUBD1)	-0,09557	0,5274
TcCLB.508479.190	peroxisome assembly protein, putative	-0,09558	0,3871
TcCLB.503579.100	nucleotide-binding protein, putative	-0,09566	0,4644
TcCLB.507093.260	multidrug resistance protein, mitochondrial, putative (AB)	-0,09574	0,1971
TcCLB.508815.120	hypothetical protein, conserved	-0,09574	0,4492
TcCLB.509049.10	hypothetical protein, conserved	-0,09579	0,5467
TcCLB.507467.94	hypothetical protein, conserved	-0,0958	0,6216
TcCLB.509791.10	hypothetical protein, conserved	-0,09581	0,6634
TcCLB.508047.30	trans-sialidase (pseudogene), putative	-0,09591	0,7485
TcCLB.506273.10	trans-sialidase (pseudogene), putative	-0,09595	0,572
TcCLB.510339.70	hypothetical protein, conserved	-0,09604	0,4182
TcCLB.509385.11	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,09617	0,6998
TcCLB.511855.80	hypothetical protein, conserved	-0,09633	0,3912
TcCLB.508827.60	hypothetical protein, conserved	-0,09636	0,3889
TcCLB.511521.30	superoxide dismutase, putative	-0,09646	0,3931
TcCLB.474339.9	hypothetical protein, conserved	-0,09648	0,4378
TcCLB.507023.80	hypothetical protein, conserved	-0,09657	0,5534
TcCLB.503939.30	ttaggg binding factor, putative	-0,09664	0,4115
TcCLB.507819.40	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,09697	0,5944
TcCLB.506789.150	hypothetical protein	-0,09699	0,4341
TcCLB.483623.10	hypothetical protein, conserved	-0,09704	0,5782
TcCLB.506263.30	D-isomer specific 2-hydroxyacid dehydrogenase-protein, p	-0,09707	0,6563
TcCLB.509393.50	hypothetical protein, conserved	-0,0971	0,3562
TcCLB.511751.130	small GTP-binding protein Rab28, putative	-0,09754	0,4672
TcCLB.503879.100	hypothetical protein, conserved	-0,0976	0,1962
TcCLB.509937.170	hypothetical protein	-0,09767	0,4817
TcCLB.507711.230	hypothetical protein, conserved	-0,09769	0,3527
TcCLB.503913.49	hypothetical protein, conserved (fragment)	-0,09775	0,7653
TcCLB.506793.60	hypothetical protein, conserved	-0,09779	0,4488
TcCLB.511425.10	serine/threonine protein phosphatase 2A regulatory subu	-0,09789	0,5758

TcCLB.471901.20	SNARE protein, putative	-0,0981	0,4331
TcCLB.507209.20	hypothetical protein, conserved	-0,09813	0,4905
TcCLB.506287.140	prefoldin, putative	-0,09829	0,4555
TcCLB.506181.150	hypothetical protein (fragment)	-0,0983	0,2857
TcCLB.506989.210	U-box domain protein, putative	-0,09835	0,2526
TcCLB.511231.60	hypothetical protein, conserved	-0,09859	0,4692
TcCLB.509065.124	U6 snRNA-associated Sm-like protein LSm5p	-0,09859	0,5975
TcCLB.503939.130	hypothetical protein, conserved	-0,09863	0,3389
TcCLB.509053.150	hypothetical protein, conserved	-0,09863	0,5561
TcCLB.508613.10	hypothetical protein, conserved	-0,09867	0,4637
TcCLB.509985.78	hypothetical protein, conserved	-0,09875	0,5287
TcCLB.506221.30	protein phosphatase 2C, putative	-0,09878	0,3677
TcCLB.503581.10	hypothetical protein, conserved	-0,09883	0,3132
TcCLB.506355.170	hypothetical protein, conserved	-0,09907	0,5281
TcCLB.504019.9	hypothetical protein, conserved	-0,0991	0,5614
TcCLB.510877.50	AP-3 complex subunit mu, putative (AP3M)	-0,09911	0,3343
TcCLB.508707.330	chaperone DNAJ protein, putative	-0,09911	0,4288
TcCLB.506567.10	hypothetical protein, conserved	-0,09911	0,4581
TcCLB.442629.9	hypothetical protein, conserved	-0,09911	0,5138
TcCLB.508917.4	hypothetical protein, conserved	-0,09912	0,4399
TcCLB.503881.4	hypothetical protein, conserved	-0,09913	0,7461
TcCLB.503635.10	protein kinase, putative	-0,09917	0,4061
TcCLB.509045.10	hypothetical protein, conserved	-0,09917	0,5336
TcCLB.503587.64	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,09921	0,7554
TcCLB.506915.30	hypothetical protein	-0,0993	0,3082
TcCLB.507083.60	COP9 signalosome complex subunit 5, putative	-0,09942	0,5819
TcCLB.508129.9	adenosine monophosphate deaminase, putative (fragmer	-0,09947	0,4179
TcCLB.506615.120	trans-sialidase (pseudogene), putative	-0,09952	0,5759
TcCLB.506577.130	protein phosphatase 2A regulatory subunit, putative	-0,09956	0,432
TcCLB.503555.40	ATP-dependent RNA helicase, putative	-0,09967	0,3027
TcCLB.506265.50	hypothetical protein, conserved	-0,09967	0,4449
TcCLB.508323.120	hypothetical protein, conserved	-0,0997	0,516
TcCLB.506855.150	hypothetical protein, conserved	-0,09995	0,3633
TcCLB.511621.150	hypothetical protein, conserved	-0,1002	0,3761
TcCLB.506795.20	hypothetical protein, conserved	-0,1002	0,5069
TcCLB.511423.149	conserved protein, unknown function	-0,1002	0,5261
TcCLB.503697.90	Translation factor GUF1, mitochondrial, putative (GUF1)	-0,1003	0,2867
TcCLB.507989.20	sigma-adaptin 3, putative	-0,1003	0,5093
TcCLB.506605.214	hypothetical protein, conserved	-0,1003	0,5943
TcCLB.510613.30	hypothetical protein	-0,1004	0,3937
TcCLB.506413.50	hypothetical protein, conserved	-0,1005	0,4495
TcCLB.503425.29	DNA replication licensing factor MCM8, putative	-0,1005	0,4862
TcCLB.511245.20	hypothetical protein, conserved	-0,1005	0,5273
TcCLB.509941.140	hypothetical protein, conserved	-0,1007	0,533
TcCLB.506529.340	Protein kinase domain, putative	-0,1008	0,5359

TcCLB.508325.110	hypothetical protein, conserved	-0,1008	0,6425
TcCLB.504085.60	CMP-sialic acid transporter, putative	-0,1009	0,4981
TcCLB.511919.30	hypothetical protein, conserved (pseudogene)	-0,1009	0,6857
TcCLB.509269.4	Tb-291 membrane associated protein, putative	-0,101	0,4099
TcCLB.510187.180	hypothetical protein, conserved	-0,1013	0,1963
TcCLB.511301.30	hypothetical protein, conserved	-0,1013	0,5462
TcCLB.510349.90	Lys-63-specific deubiquitinase BRCC36, putative	-0,1014	0,4192
TcCLB.509603.10	vacuolar protein sorting 18, putative	-0,1016	0,5109
TcCLB.510535.80	hypothetical protein, conserved	-0,1016	0,5903
TcCLB.506001.120	hypothetical protein, conserved (pseudogene)	-0,1016	0,7445
TcCLB.508577.160	proteasome beta 6 subunit, putative	-0,1017	0,2788
TcCLB.506295.110	hypothetical protein, conserved	-0,1017	0,5234
TcCLB.506567.74	hypothetical protein, conserved	-0,1017	0,5649
TcCLB.506727.150	hypothetical protein, conserved	-0,1018	0,512
TcCLB.506589.80	surface protease GP63 (pseudogene), putative	-0,1018	0,7939
TcCLB.506679.160	intraflagellar transport protein 122, putative (IFT122)	-0,1019	0,2616
TcCLB.509979.379	hypothetical protein, conserved	-0,1019	0,434
TcCLB.508153.750	hypothetical protein, conserved	-0,102	0,4181
TcCLB.507017.4	hypothetical protein, conserved	-0,102	0,663
TcCLB.508277.50	presenilin-like aspartic peptidase, putative	-0,1021	0,3223
TcCLB.508777.160	hypothetical protein, conserved	-0,1022	0,339
TcCLB.511367.74	hypothetical protein, conserved	-0,1023	0,5048
TcCLB.507801.210	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,1023	0,5725
TcCLB.509795.10	hypothetical protein, conserved	-0,1024	0,3621
TcCLB.506885.120	protein kinase, putative	-0,1026	0,4577
TcCLB.506135.110	mitochondrial RNA binding complex 1 subunit, putative	-0,1027	0,4293
TcCLB.511519.18	hypothetical protein, conserved	-0,1027	0,564
TcCLB.507969.54	hypothetical protein, conserved	-0,1028	0,4116
TcCLB.510253.29	hypothetical protein, conserved (fragment)	-0,1028	0,6462
TcCLB.510307.191	protein kinase (pseudogene), putative	-0,1029	0,3134
TcCLB.506661.80	hypothetical protein, conserved	-0,103	0,4093
TcCLB.506953.40	hypothetical protein, conserved	-0,1032	0,3936
TcCLB.509059.60	hypothetical protein, conserved	-0,1033	0,6722
TcCLB.507647.20	hypothetical protein, conserved (pseudogene)	-0,1034	0,2534
TcCLB.511283.170	hypothetical protein, conserved	-0,1036	0,1687
TcCLB.508213.20	hypothetical protein, conserved	-0,1036	0,5607
TcCLB.508899.120	hypothetical protein, conserved	-0,1037	0,6471
TcCLB.507739.90	hypothetical protein, conserved	-0,104	0,4592
TcCLB.510435.5	hypothetical protein, conserved (pseudogene)	-0,1042	0,5451
TcCLB.508493.70	hypothetical protein	-0,1042	0,7385
TcCLB.505165.10	RNA-binding protein, putative	-0,1042	0,7937
TcCLB.511693.90	electron-transfer-flavoprotein, alpha polypeptide, putative	-0,1043	0,2756
TcCLB.506871.120	hypothetical protein, conserved	-0,1043	0,3681
TcCLB.509047.60	hypothetical protein, conserved	-0,1044	0,374
TcCLB.511527.60	hypothetical protein, conserved	-0,1044	0,4021

TcCLB.510101.59	palmitoyl acyltransferase 7, putative	-0,1045	0,315
TcCLB.506529.170	hypothetical protein, conserved	-0,1045	0,4545
TcCLB.509259.123	hypothetical protein (pseudogene)	-0,1046	0,5274
TcCLB.504827.80	hypothetical protein, conserved	-0,1046	0,5702
TcCLB.509469.10	dispersed gene family protein 1 (DGF-1, pseudogene), put	-0,1046	0,701
TcCLB.509791.40	hypothetical protein, conserved	-0,1047	0,2534
TcCLB.511419.20	hypothetical protein, conserved	-0,1047	0,3302
TcCLB.504173.50	dihydrouridine synthase (Dus), putative	-0,1047	0,495
TcCLB.503899.60	hypothetical protein, conserved	-0,105	0,4485
TcCLB.511345.10	retrotransposon hot spot (RHS) protein, putative	-0,1051	0,5308
TcCLB.506179.30	hypothetical protein, conserved	-0,1052	0,4344
TcCLB.509039.40	hypothetical protein	-0,1052	0,4595
TcCLB.511253.20	kinesin-like protein, putative	-0,1052	0,5575
TcCLB.509509.60	small GTP-binding protein, putative	-0,1053	0,3402
TcCLB.506221.50	coatamer subunit epsilon (COPE)	-0,1053	0,3946
TcCLB.506625.200	ribosomal RNA processing protein 40, putative (RRP40)	-0,1053	0,4804
TcCLB.506529.660	hypothetical protein, conserved	-0,1054	0,5146
TcCLB.507631.15	hypothetical protein, conserved (pseudogene)	-0,1054	0,6202
TcCLB.507993.80	glycogen synthase kinase 3, putative	-0,1056	0,5269
TcCLB.511753.80	GTPase activating protein, putative	-0,1057	0,4017
TcCLB.507895.150	hypothetical protein, conserved	-0,1058	0,4857
TcCLB.511367.138	chaperone DNAJ protein, putative	-0,1059	0,358
TcCLB.510761.4	hypothetical protein, conserved	-0,1059	0,3738
TcCLB.506673.10	hypothetical protein, conserved	-0,106	0,4683
TcCLB.505073.20	hypothetical protein	-0,1061	0,2741
TcCLB.505943.50	hypothetical protein, conserved	-0,1061	0,374
TcCLB.508829.9	dynein heavy chain, putative (fragment)	-0,1062	0,4029
TcCLB.508765.40	hypothetical protein	-0,1062	0,418
TcCLB.510755.138	serine/threonine protein phosphatase, putative	-0,1064	0,4092
TcCLB.509599.110	hypothetical protein, conserved	-0,1065	0,4215
TcCLB.503923.20	hypothetical protein, conserved	-0,1065	0,516
TcCLB.506865.30	hypothetical protein, conserved	-0,1066	0,3566
TcCLB.504085.20	exosome-associated protein 2, putative (EAP2)	-0,1066	0,3918
TcCLB.506733.100	hypothetical protein, conserved	-0,1067	0,297
TcCLB.503593.40	hypothetical protein	-0,1067	0,3382
TcCLB.504639.40	trans-sialidase, putative	-0,1067	0,6781
TcCLB.511631.9	hypothetical protein, conserved (fragment)	-0,107	0,5756
TcCLB.510187.400	serine/threonine protein phosphatase, putative	-0,1073	0,2809
TcCLB.509719.20	ATP-dependent DEAD/H RNA helicase, putative	-0,1075	0,3022
TcCLB.511585.30	hypothetical protein, conserved	-0,1077	0,3058
TcCLB.508177.20	carbohydrate kinase, thermoresistant glucokinase, putativ	-0,1078	0,6655
TcCLB.506227.220	hypothetical protein, conserved	-0,1079	0,3001
TcCLB.504827.40	AP-3 complex subunit beta, putative (AP3B)	-0,1079	0,3179
TcCLB.504011.40	XPA-interacting protein, putative	-0,1079	0,3382
TcCLB.506517.110	hypothetical protein, conserved	-0,108	0,5866

TcCLB.506265.200	hypothetical protein, conserved	-0,1081	0,519
TcCLB.506267.101	surface protease GP63 (pseudogene), putative	-0,1081	0,7224
TcCLB.508209.140	protein disulfide isomerase, putative	-0,1082	0,1893
TcCLB.510229.10	hypothetical protein, conserved	-0,1082	0,2758
TcCLB.511583.20	hypothetical protein, conserved	-0,1082	0,4045
TcCLB.506841.4	hypothetical protein, conserved	-0,1082	0,5961
TcCLB.506151.30	small GTP-binding protein Rab11, putative (TcRab11)	-0,1084	0,3431
TcCLB.504533.20	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,1084	0,4566
TcCLB.508263.10	hypothetical protein	-0,1085	0,3516
TcCLB.506895.60	hypothetical protein, conserved (pseudogene)	-0,1086	0,4134
TcCLB.503805.20	hypothetical protein, conserved	-0,1086	0,4267
TcCLB.507711.120	hypothetical protein, conserved	-0,1087	0,4868
TcCLB.511277.520	protein kinase (pseudogene), putative	-0,1087	0,513
TcCLB.508909.40	hypothetical protein, conserved	-0,1088	0,3465
TcCLB.511421.24	kelch domain-containing protein	-0,1088	0,3884
TcCLB.419703.20	ubiquitin carboxyl-terminal hydrolase, putative	-0,1088	0,4
TcCLB.509429.80	hypothetical protein, conserved	-0,1089	0,3988
TcCLB.506225.30	hypothetical protein, conserved (pseudogene)	-0,1089	0,6809
TcCLB.508897.90	hypothetical protein, conserved	-0,109	0,3407
TcCLB.510719.90	hypothetical protein, conserved	-0,109	0,4795
TcCLB.508573.90	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,109	0,5528
TcCLB.510143.10	hypothetical protein, conserved	-0,1091	0,4689
TcCLB.509065.100	hypothetical protein, conserved	-0,1091	0,4849
TcCLB.508899.80	hypothetical protein, conserved	-0,1092	0,2837
TcCLB.510257.24	hypothetical protein, conserved	-0,1092	0,4761
TcCLB.506679.170	hypothetical protein, conserved	-0,1093	0,1953
TcCLB.506637.70	hypothetical protein, conserved	-0,1094	0,3034
TcCLB.511593.40	trans-sialidase (pseudogene), putative	-0,1094	0,3729
TcCLB.503897.40	hypothetical protein, conserved	-0,1095	0,2559
TcCLB.506227.230	N-acetyltransferase complex ARD1 subunit, putative	-0,1095	0,4151
TcCLB.509623.10	hypothetical protein, conserved	-0,1096	0,3622
TcCLB.511527.82	hypothetical protein, conserved	-0,1096	0,5818
TcCLB.509791.170	small GTPase, putative	-0,1097	0,3613
TcCLB.511651.10	ATP-dependent DEAD/H RNA helicase, putative	-0,1097	0,4681
TcCLB.503455.20	hypothetical protein, conserved	-0,1099	0,3993
TcCLB.510255.29	hypothetical protein, conserved (fragment)	-0,1099	0,4865
TcCLB.506579.30	myo-inositol-1 phosphatase, putative	-0,11	0,2284
TcCLB.509767.40	hypothetical protein, conserved	-0,11	0,3483
TcCLB.510687.20	hypothetical protein, conserved	-0,11	0,4666
TcCLB.511389.20	hypothetical protein, conserved	-0,1101	0,3237
TcCLB.413605.10	kinesin, putative	-0,1102	0,3117
TcCLB.506513.70	hypothetical protein	-0,1102	0,3683
TcCLB.510009.19	hypothetical protein, conserved (fragment)	-0,1103	0,605
TcCLB.511725.100	phosphatidylinositol-4-phosphate 5-kinase, putative	-0,1104	0,267
TcCLB.511753.150	hypothetical protein, conserved	-0,1104	0,4614

TcCLB.504109.170	hypothetical protein, conserved	-0,1105	0,2375
TcCLB.511815.90	hypothetical protein	-0,1105	0,3903
TcCLB.508143.30	hypothetical protein, conserved (pseudogene)	-0,1105	0,4331
TcCLB.511491.150	hypothetical protein, conserved	-0,1106	0,3692
TcCLB.506127.130	hypothetical protein, conserved	-0,1106	0,4187
TcCLB.508905.20	hypothetical protein, conserved (pseudogene)	-0,1106	0,6013
TcCLB.506901.85	mucin-associated surface protein (MASP, pseudogene), p	-0,1106	0,8221
TcCLB.506947.100	hypothetical protein, conserved	-0,1107	0,393
TcCLB.511299.60	hypothetical protein, conserved	-0,1107	0,4673
TcCLB.507053.140	hypothetical protein, conserved	-0,1109	0,4422
TcCLB.511245.210	hypothetical protein, conserved	-0,111	0,3302
TcCLB.511173.420	mucin TcMUCII, putative	-0,111	0,746
TcCLB.510759.80	hypothetical protein, conserved	-0,1111	0,2149
TcCLB.506671.50	trans-sialidase (pseudogene), putative	-0,1111	0,657
TcCLB.511501.10	hypothetical protein, conserved	-0,1112	0,1607
TcCLB.509671.130	trypanin-like protein (pseudogene), putative	-0,1113	0,352
TcCLB.506975.66	hypothetical protein, conserved	-0,1116	0,2787
TcCLB.509017.40	hypothetical protein, conserved	-0,1116	0,3276
TcCLB.508825.20	hypothetical protein	-0,1116	0,4704
TcCLB.506041.60	hypothetical protein, conserved	-0,1117	0,2539
TcCLB.510265.90	hypothetical protein, conserved	-0,1117	0,3696
TcCLB.511379.9	hypothetical protein, conserved (fragment)	-0,1117	0,3981
TcCLB.506797.80	hypothetical protein, conserved	-0,1117	0,4263
TcCLB.503939.10	acetyltransferase, putative	-0,1118	0,3822
TcCLB.507997.70	hypothetical protein, conserved	-0,1119	0,342
TcCLB.504203.50	hypothetical protein, conserved	-0,112	0,4248
TcCLB.508585.10	hypothetical protein, conserved	-0,1123	0,3951
TcCLB.505183.110	hypothetical protein	-0,1123	0,6227
TcCLB.506529.425	hypothetical protein	-0,1123	0,7433
TcCLB.507649.20	hypothetical protein, conserved	-0,1124	0,1972
TcCLB.506479.60	kinesin heavy chain, putative	-0,1124	0,3355
TcCLB.432867.10	hypothetical protein, conserved (fragment)	-0,1124	0,4063
TcCLB.510319.9	hypothetical protein, conserved	-0,1124	0,4134
TcCLB.506247.440	hypothetical protein, conserved	-0,1125	0,5437
TcCLB.508707.320	hypothetical protein, conserved	-0,1126	0,3041
TcCLB.511743.30	hypothetical protein, conserved	-0,1126	0,3198
TcCLB.508741.280	ubiquitin-conjugating enzyme E2, putative	-0,1126	0,4095
TcCLB.506587.90	surface protease GP63, putative	-0,1126	0,4443
TcCLB.511367.159	hypothetical protein, conserved (pseudogene)	-0,1126	0,4994
TcCLB.509985.69	hypothetical protein, conserved	-0,1126	0,5734
TcCLB.506959.140	hypothetical protein, conserved	-0,1127	0,4678
TcCLB.506739.90	ATP-dependent RNA helicase, putative	-0,1128	0,2142
TcCLB.507867.90	hypothetical protein, conserved	-0,1128	0,4273
TcCLB.506735.20	hypothetical protein, conserved	-0,1129	0,3597
TcCLB.511409.20	hypothetical protein, conserved	-0,1129	0,527

TcCLB.504147.190	hypothetical protein, conserved	-0,113	0,248
TcCLB.506529.180	hypothetical protein, conserved	-0,113	0,5774
TcCLB.510719.300	metallo-peptidase, Clan MC, Family M14, putative	-0,1131	0,2367
TcCLB.509345.11	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,1132	0,3058
TcCLB.506201.4	hypothetical protein, conserved	-0,1133	0,4796
TcCLB.506459.140	hypothetical protein	-0,1133	0,7558
TcCLB.510729.115	hypothetical protein	-0,1134	0,3251
TcCLB.508465.140	hypothetical protein, conserved	-0,1135	0,2223
TcCLB.510349.80	protein kinase, putative	-0,1135	0,2383
TcCLB.507529.40	hypothetical protein, conserved	-0,1135	0,3109
TcCLB.507031.150	hypothetical protein, conserved	-0,1136	0,1986
TcCLB.511283.210	hypothetical protein, conserved	-0,1136	0,2362
TcCLB.506529.400	hypothetical protein, conserved	-0,1136	0,4446
TcCLB.509719.30	hypothetical protein, conserved	-0,1137	0,3895
TcCLB.503733.50	hypothetical protein, conserved (pseudogene)	-0,1137	0,4472
TcCLB.506625.90	hypothetical protein, conserved	-0,1137	0,4693
TcCLB.507041.50	hypothetical protein, conserved	-0,1137	0,5185
TcCLB.510159.19	hypothetical protein, conserved (fragment)	-0,1137	0,5785
TcCLB.510141.4	hypothetical protein, conserved (fragment)	-0,1139	0,432
TcCLB.507027.80	hypothetical protein, conserved	-0,114	0,2754
TcCLB.508837.74	small GTP-binding protein Rab18, putative	-0,114	0,3334
TcCLB.503865.30	hypothetical protein, conserved	-0,114	0,3356
TcCLB.509789.40	hypothetical protein, conserved	-0,114	0,3814
TcCLB.511625.30	hypothetical protein, conserved	-0,114	0,389
TcCLB.507091.20	hypothetical protein, conserved	-0,1141	0,3209
TcCLB.510661.150	hypothetical protein, conserved	-0,1141	0,3861
TcCLB.511589.209	hypothetical protein, conserved	-0,1141	0,6016
TcCLB.505183.5	hypothetical protein, conserved (fragment)	-0,1142	0,4195
TcCLB.507713.10	hypothetical protein, conserved	-0,1142	0,5951
TcCLB.511657.10	protein kinase, putative	-0,1145	0,5682
TcCLB.507007.40	hypothetical protein, conserved	-0,1148	0,3935
TcCLB.507641.290	chaperonin HSP60, mitochondrial precursor (HSP60)	-0,1148	0,7903
TcCLB.504213.110	Putrescine-cadaverine transporter (POT1.1)	-0,1149	0,1848
TcCLB.503981.70	hypothetical protein, conserved	-0,1149	0,3349
TcCLB.508119.180	hypothetical protein, conserved	-0,1149	0,48
TcCLB.447801.10	hypothetical protein, conserved (fragment)	-0,1149	0,5008
TcCLB.460747.20	hypothetical protein, conserved	-0,1151	0,2934
TcCLB.508879.220	hypothetical protein, conserved	-0,1151	0,3047
TcCLB.508413.40	serine/threonine protein phosphatase, putative	-0,1153	0,3025
TcCLB.510077.20	trans-sialidase (pseudogene), putative	-0,1153	0,3097
TcCLB.506525.10	nuclear segregation protein, putative	-0,1154	0,1075
TcCLB.507017.110	hypothetical protein, conserved	-0,1154	0,3024
TcCLB.507031.10	hypothetical protein, conserved	-0,1154	0,362
TcCLB.510741.100	hypothetical protein, conserved	-0,1154	0,4025
TcCLB.503959.20	hypothetical protein, conserved	-0,1157	0,2801



TcCLB.503923.30	hypothetical protein, conserved	-0,1158	0,3715
TcCLB.510535.40	hypothetical protein, conserved	-0,1158	0,4091
TcCLB.511223.10	hypothetical protein	-0,1158	0,7216
TcCLB.511911.102	hypothetical protein, conserved	-0,116	0,4051
TcCLB.511529.110	hypothetical protein, conserved	-0,116	0,4689
TcCLB.511361.20	hypothetical protein, conserved	-0,116	0,5337
TcCLB.504255.30	hypothetical protein, conserved	-0,116	0,5391
TcCLB.504109.195	N-acetyltransferase complex ARD1 subunit (pseudogene),	-0,1161	0,7283
TcCLB.504029.50	hypothetical protein, conserved	-0,1162	0,3512
TcCLB.507257.130	hypothetical protein, conserved	-0,1163	0,4689
TcCLB.509603.19	malonyl-CoA decarboxylase, mitochondrial precursor, puta	-0,1163	0,5933
TcCLB.473755.9	hypothetical protein, conserved	-0,1164	0,3576
TcCLB.507521.90	hypothetical protein, conserved	-0,1165	0,4917
TcCLB.507025.40	hypothetical protein	-0,1166	0,3909
TcCLB.509031.6	hypothetical protein, conserved	-0,1166	0,5058
TcCLB.508153.260	hypothetical protein, conserved	-0,1166	0,5168
TcCLB.503879.60	hypothetical protein, conserved	-0,1169	0,3749
TcCLB.507897.30	serine/threonine-protein kinase a, putative	-0,1169	0,3999
TcCLB.510359.90	hypothetical protein, conserved	-0,1169	0,4489
TcCLB.511049.10	hypothetical protein, conserved (pseudogene)	-0,1169	0,478
TcCLB.508593.90	hypothetical protein, conserved	-0,1172	0,4078
TcCLB.505183.80	signal recognition particle, putative	-0,1174	0,199
TcCLB.506855.320	hypothetical protein, conserved	-0,1174	0,4383
TcCLB.503897.30	hypothetical protein, conserved	-0,1175	0,3641
TcCLB.503909.76	ferric reductase transmembrane protein, putative	-0,1176	0,6693
TcCLB.510421.190	hypothetical protein, conserved	-0,1177	0,3696
TcCLB.509201.20	hypothetical protein, conserved	-0,1177	0,7016
TcCLB.506679.50	pre-mRNA splicing factor ATP-dependent RNA helicase, p	-0,1178	0,1839
TcCLB.508059.40	syntaxin, putative	-0,118	0,4813
TcCLB.504075.3	calmodulin, putative	-0,1181	0,7022
TcCLB.507669.230	hypothetical protein, conserved	-0,1182	0,2103
TcCLB.506883.130	hypothetical protein, conserved (pseudogene)	-0,1182	0,7066
TcCLB.504129.30	hypothetical protein, conserved	-0,1183	0,3057
TcCLB.506513.24	hypothetical protein, conserved	-0,1185	0,3923
TcCLB.509455.40	hypothetical protein, conserved	-0,1186	0,3197
TcCLB.511293.90	hypothetical protein, conserved	-0,1186	0,3457
TcCLB.506871.50	ubiquitin hydrolase, putative	-0,1186	0,4239
TcCLB.508445.60	hypothetical protein, conserved	-0,1188	0,3437
TcCLB.511693.130	hypothetical protein	-0,1189	0,3219
TcCLB.507639.100	phosphatidylinositol N-acetylglucosaminyltransferase sub	-0,1189	0,4685
TcCLB.509267.10	hypothetical protein, conserved	-0,119	0,214
TcCLB.508919.50	hypothetical protein	-0,119	0,3372
TcCLB.509195.70	mucin-associated surface protein (MASP), putative	-0,119	0,5119
TcCLB.511603.369	surface protease GP63 (pseudogene), putative	-0,1191	0,7944
TcCLB.507513.40	hypothetical protein, conserved	-0,1192	0,4225

TcCLB.506863.60	hypothetical protein, conserved	-0,1193	0,3358
TcCLB.510963.39	hypothetical protein, conserved	-0,1195	0,4413
TcCLB.511255.410	surface protease GP63 (pseudogene), putative	-0,1195	0,7399
TcCLB.511071.120	hypothetical protein, conserved	-0,1197	0,2321
TcCLB.506625.190	hypothetical protein, conserved	-0,1197	0,5243
TcCLB.508083.5	elongation factor 1-gamma (EF-1-gamma, pseudogene),	-0,1197	0,7237
TcCLB.509267.70	hypothetical protein	-0,1198	0,2086
TcCLB.511109.100	DNA replication licensing factor MCM3, putative	-0,1199	0,474
TcCLB.511367.110	hypothetical protein, conserved	-0,12	0,3966
TcCLB.503669.30	hypothetical protein, conserved	-0,1201	0,4032
TcCLB.506909.160	trans-sialidase, Group V, putative	-0,1202	0,5428
TcCLB.503697.9	proteasome regulatory non-ATPase subunit 11, putative (f	-0,1203	0,2916
TcCLB.511857.30	glycosyl transferase-like protein, putative	-0,1204	0,4468
TcCLB.507641.300	chaperonin HSP60, mitochondrial precursor (HSP60)	-0,1204	0,8413
TcCLB.508059.24	hypothetical protein, conserved	-0,1205	0,3221
TcCLB.506039.30	dispersed gene family protein 1 (DGF-1), putative	-0,1205	0,7049
TcCLB.503983.20	dihydroxyacetone kinase 1-like, putative	-0,1206	0,2879
TcCLB.506739.130	protein phosphatase 1 catalitic subunit, putative	-0,1207	0,3169
TcCLB.510555.41	hypothetical protein, conserved (pseudogene)	-0,1207	0,7317
TcCLB.506853.60	hypothetical protein, conserved	-0,1208	0,4166
TcCLB.510155.94	hypothetical protein, conserved	-0,1209	0,2936
TcCLB.508355.104	hypothetical protein, conserved	-0,121	0,5332
TcCLB.510947.44	hypothetical protein, conserved	-0,1211	0,4087
TcCLB.510513.70	hypothetical protein, conserved	-0,1213	0,2923
TcCLB.509269.10	hypothetical protein, conserved	-0,1214	0,3519
TcCLB.511291.129	hypothetical protein, conserved	-0,1215	0,5348
TcCLB.511127.20	calcium binding protein EF hand, putative	-0,1216	0,1941
TcCLB.509451.70	hypothetical protein, conserved	-0,1216	0,2033
TcCLB.508961.40	hypothetical protein, conserved	-0,1216	0,2654
TcCLB.511421.30	hypothetical protein, conserved	-0,1216	0,3647
TcCLB.506751.20	mucin-associated surface protein (MASP, pseudogene), pi	-0,1216	0,7305
TcCLB.510359.200	hypothetical protein, conserved	-0,1221	0,2002
TcCLB.510491.40	hypothetical protein, conserved	-0,1221	0,4236
TcCLB.510729.40	hypothetical protein, conserved	-0,1221	0,4346
TcCLB.510187.140	hypothetical protein, conserved	-0,1222	0,1675
TcCLB.506337.130	hypothetical protein, conserved	-0,1223	0,3883
TcCLB.506367.60	vacuolar protein sorting protein 16, putative	-0,1224	0,2112
TcCLB.503851.10	Elongator-like Protein 3a, putative	-0,1224	0,396
TcCLB.511445.80	hypothetical protein, conserved	-0,1225	0,3314
TcCLB.510431.20	hypothetical protein, conserved	-0,1226	0,4131
TcCLB.503911.30	hypothetical protein, conserved	-0,1227	0,2642
TcCLB.503805.40	hypothetical protein	-0,1227	0,2908
TcCLB.510275.180	elongation factor 1-gamma (EF-1-gamma), putative	-0,1228	0,8151
TcCLB.508739.80	hypothetical protein, conserved	-0,123	0,1835
TcCLB.506933.50	hypothetical protein, conserved	-0,123	0,2804

TcCLB.507057.30	arginine N-methyltransferase, type I (PRMT6)	-0,1231	0,4432
TcCLB.508647.230	synaptojanin (pseudogene), putative	-0,1232	0,1486
TcCLB.506251.40	hypothetical protein	-0,1232	0,2056
TcCLB.506789.290	hypothetical protein, conserved	-0,1232	0,2143
TcCLB.507641.230	hypothetical protein, conserved	-0,1234	0,256
TcCLB.511649.30	hypothetical protein, conserved	-0,1234	0,312
TcCLB.505941.20	surface protease GP63 (pseudogene), putative	-0,1236	0,562
TcCLB.506247.20	hypothetical protein	-0,1237	0,2712
TcCLB.509399.180	hypothetical protein, conserved	-0,1237	0,5091
TcCLB.506241.124	ankyrin repeat protein, putative	-0,1239	0,182
TcCLB.506467.10	hypothetical protein, conserved	-0,1239	0,3182
TcCLB.507019.140	CDC16, putative	-0,1239	0,3387
TcCLB.509619.20	hypothetical protein, conserved (pseudogene)	-0,1239	0,4873
TcCLB.507801.70	protein kinase, putative	-0,1239	0,4911
TcCLB.507737.30	hypothetical protein, conserved	-0,124	0,3363
TcCLB.506211.180	mitogen-activated protein kinase 9, putative (MPK9)	-0,1241	0,2522
TcCLB.509633.30	hypothetical protein, conserved	-0,1243	0,2953
TcCLB.506363.80	aminoacylase, putative	-0,1243	0,746
TcCLB.504245.9	hypothetical protein, conserved	-0,1244	0,3513
TcCLB.510381.70	hypothetical protein, conserved	-0,1244	0,5406
TcCLB.504769.5	hypothetical protein	-0,1245	0,4064
TcCLB.504131.30	ubiquitin-activating enzyme, putative	-0,1247	0,2869
TcCLB.503863.9	hypothetical protein, conserved	-0,1247	0,3756
TcCLB.508197.30	hypothetical protein, conserved	-0,1248	0,173
TcCLB.510351.140	hypothetical protein, conserved	-0,1248	0,4797
TcCLB.503931.14	hypothetical protein, conserved	-0,125	0,3238
TcCLB.510105.120	protein kinase, putative	-0,125	0,3416
TcCLB.508879.160	hypothetical protein, conserved	-0,1252	0,1905
TcCLB.510543.30	trans-sialidase (pseudogene), putative	-0,1255	0,6772
TcCLB.509937.90	hypothetical protein, conserved	-0,1257	0,342
TcCLB.508737.200	hypothetical protein, conserved	-0,1261	0,1556
TcCLB.507011.70	hypothetical protein	-0,1261	0,3576
TcCLB.508277.60	hypothetical protein, conserved	-0,1262	0,1308
TcCLB.511421.40	transmembrane protein, putative	-0,1262	0,3472
TcCLB.503987.10	cop-coated vesicle membrane protein p24 precursor, puta	-0,1263	0,244
TcCLB.507711.60	hypothetical protein, conserved	-0,1263	0,3142
TcCLB.503535.9	hypothetical protein, conserved	-0,1264	0,1636
TcCLB.509217.70	hypothetical protein, conserved (pseudogene)	-0,1265	0,4354
TcCLB.507711.340	hypothetical protein, conserved	-0,1266	0,4167
TcCLB.508139.80	trans-sialidase (pseudogene), putative	-0,1266	0,4367
TcCLB.503957.30	retrotransposon hot spot (RHS) protein, putative	-0,1267	0,3803
TcCLB.507811.50	hypothetical protein, conserved	-0,1268	0,2935
TcCLB.507643.30	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,1269	0,275
TcCLB.508739.40	hypothetical protein, conserved	-0,127	0,216
TcCLB.506405.4	hypothetical protein, conserved (fragment)	-0,127	0,272

TcCLB.506733.50	actin-like protein, putative	-0,127	0,2805
TcCLB.510963.30	mRNA capping methyltransferase, putative	-0,127	0,3748
TcCLB.511099.20	trans-sialidase (pseudogene), putative	-0,127	0,7768
TcCLB.506337.190	hypothetical protein, conserved	-0,1271	0,2961
TcCLB.504167.30	protein kinase, putative	-0,1273	0,3615
TcCLB.504103.50	hypothetical protein, conserved	-0,1274	0,2934
TcCLB.508479.230	peroxin-2, putative	-0,1275	0,3774
TcCLB.506451.13	hypothetical protein (pseudogene)	-0,1275	0,5332
TcCLB.509099.160	hypothetical protein, conserved	-0,1276	0,1695
TcCLB.506275.60	zinc carboxypeptidase, putative	-0,1276	0,2479
TcCLB.419833.10	vacuolar protein sorting 18, putative	-0,1276	0,4066
TcCLB.506401.370	hypothetical protein, conserved	-0,1278	0,3472
TcCLB.509979.20	hypothetical protein, conserved	-0,1279	0,2339
TcCLB.509859.20	hypothetical protein, conserved	-0,128	0,2765
TcCLB.507083.70	Iron-sulfur assembly protein 1, putative (Isa1)	-0,128	0,2949
TcCLB.510901.140	hypothetical protein, conserved	-0,128	0,3544
TcCLB.507159.41	hypothetical protein, conserved	-0,1281	0,5341
TcCLB.506425.20	hypothetical protein	-0,1284	0,3572
TcCLB.511183.565	surface protease GP63 (pseudogene), putative	-0,1284	0,784
TcCLB.511731.89	hypothetical protein, conserved	-0,1285	0,3845
TcCLB.511753.140	vacuolar assembly protein vps41, putative	-0,1285	0,4295
TcCLB.508015.10	hypothetical protein	-0,1285	0,5129
TcCLB.508321.30	hypothetical protein, conserved	-0,1285	0,5417
TcCLB.508737.160	hypothetical protein, conserved	-0,1288	0,204
TcCLB.506615.75	surface protease GP63 (pseudogene), putative	-0,1288	0,2635
TcCLB.510889.340	hypothetical protein, conserved	-0,129	0,5228
TcCLB.509247.20	ras-related protein Rab21, putative (RAB21)	-0,1291	0,3407
TcCLB.505073.30	mu-adaptin 4, putative	-0,1292	0,3749
TcCLB.509481.10	trans-sialidase, putative	-0,1292	0,7354
TcCLB.508153.1090	hypothetical protein, conserved	-0,1293	0,2441
TcCLB.509243.40	hypothetical protein, conserved (pseudogene)	-0,1293	0,3035
TcCLB.507709.40	hypothetical protein, conserved	-0,1293	0,338
TcCLB.509573.60	hypothetical protein, conserved	-0,1294	0,4494
TcCLB.508857.100	hypothetical protein, conserved	-0,1295	0,2361
TcCLB.510901.130	hypothetical protein, conserved	-0,1295	0,3271
TcCLB.508153.30	Protein tilB homolog, putative (LRTP)	-0,1295	0,3382
TcCLB.511507.20	hypothetical protein, conserved	-0,1297	0,2992
TcCLB.506693.7	hypothetical protein, conserved	-0,13	0,4891
TcCLB.510413.10	hypothetical protein, conserved (pseudogene)	-0,13	0,5358
TcCLB.509073.20	hypothetical protein, conserved	-0,1301	0,1175
TcCLB.425785.9	hypothetical protein, conserved	-0,1302	0,4194
TcCLB.506855.340	U4/U6 small nuclear ribonuclear protein, putative	-0,1304	0,2831
TcCLB.508075.50	hypothetical protein, conserved	-0,1305	0,2398
TcCLB.509527.90	trans-sialidase (pseudogene), putative	-0,1306	0,2346
TcCLB.482319.19	hypothetical protein, conserved	-0,1306	0,3994

TcCLB.509207.130	peptidyl-prolyl cis-trans isomerase (PAR45)	-0,1307	0,2034
TcCLB.506577.160	hypothetical protein, conserved	-0,1307	0,336
TcCLB.503689.34	hypothetical protein, conserved	-0,1307	0,5635
TcCLB.508135.10	hypothetical protein, conserved	-0,1308	0,3195
TcCLB.508547.190	hypothetical protein, conserved	-0,1309	0,2935
TcCLB.506127.90	hypothetical protein, conserved	-0,1311	0,08165
TcCLB.506537.110	hypothetical protein, conserved	-0,1314	0,4485
TcCLB.511021.51	hypothetical protein, conserved	-0,1315	0,4238
TcCLB.510553.25	elongation factor 1-gamma (EF-1-gamma, pseudogene),	-0,1315	0,7796
TcCLB.510129.20	surface glycoprotein, putative	-0,1317	0,247
TcCLB.509179.30	hypothetical protein, conserved	-0,1317	0,2954
TcCLB.511391.210	mitochondrial calcium uptake 1, putative	-0,1319	0,1826
TcCLB.510769.80	ankyrin repeat protein, putative	-0,132	0,195
TcCLB.510287.40	hypothetical protein	-0,132	0,3187
TcCLB.506147.170	hypothetical protein, conserved	-0,1322	0,1498
TcCLB.509507.30	hypothetical protein, conserved	-0,1322	0,201
TcCLB.509151.20	hypothetical protein	-0,1322	0,2884
TcCLB.507041.100	ATP-dependent protease binding subunit (pseudogene), p	-0,1322	0,3034
TcCLB.508289.80	trans-sialidase (pseudogene), putative	-0,1322	0,6942
TcCLB.508821.10	katanin, putative	-0,1323	0,4166
TcCLB.508859.50	hypothetical protein, conserved	-0,1325	0,3787
TcCLB.511283.10	nuclear segregation protein, putative	-0,1326	0,143
TcCLB.503891.120	dynein light chain, putative	-0,1326	0,3698
TcCLB.508263.30	kinesin, putative	-0,1327	0,2547
TcCLB.507709.44	hypothetical protein, conserved	-0,1327	0,2612
TcCLB.507837.10	Peptidase C50 separase, putative	-0,1328	0,3202
TcCLB.506177.20	lectin, putative	-0,1329	0,2452
TcCLB.509767.44	hypothetical protein, conserved	-0,1329	0,2771
TcCLB.503917.14	hypothetical protein, conserved	-0,1334	0,2926
TcCLB.504129.50	hypothetical protein, conserved (pseudogene)	-0,1334	0,5077
TcCLB.511849.15	mucin-associated surface protein (MASP, pseudogene), p	-0,1335	0,22
TcCLB.504153.320	Golgi reassembly stacking protein (GRASP homologue), p	-0,1335	0,3487
TcCLB.509297.30	ADP-ribosylation factor, putative	-0,1336	0,7397
TcCLB.508153.690	hypothetical protein	-0,1336	0,7936
TcCLB.509429.120	Mitochondrial Ribosomal Protein of Small Subunit 29, put	-0,1337	0,2781
TcCLB.505807.270	ubiquitin hydrolase, putative	-0,1337	0,3282
TcCLB.511315.9	ATP-dependent RNA helicase, putative	-0,1339	0,433
TcCLB.506605.174	hypothetical protein, conserved	-0,134	0,4365
TcCLB.508707.80	RNA-binding protein, putative	-0,1341	0,2764
TcCLB.508723.30	bilobe protein, conserved	-0,1342	0,3173
TcCLB.511315.30	hypothetical protein, conserved	-0,1342	0,4234
TcCLB.510701.50	mucin TcMUC (pseudogene), putative	-0,1342	0,7261
TcCLB.507981.61	hypothetical protein	-0,1343	0,689
TcCLB.510301.40	hypothetical protein, conserved	-0,1344	0,2825
TcCLB.506957.110	SNF-7-like protein, putative	-0,1346	0,2646

TcCLB.507053.30	hypothetical protein, conserved	-0,1347	0,166
TcCLB.506993.31	mucin-associated surface protein (MASP, pseudogene), pi	-0,1347	0,7608
TcCLB.509437.80	hypothetical protein, conserved	-0,1348	0,3013
TcCLB.509215.20	hypothetical protein, conserved	-0,1348	0,457
TcCLB.511671.100	hypothetical protein, conserved	-0,1349	0,4394
TcCLB.506941.90	ATP-dependent DEAD/H DNA helicase recQ family, putati	-0,135	0,1448
TcCLB.507611.330	hypothetical protein, conserved	-0,135	0,3446
TcCLB.508625.150	L-ribulokinase, putative	-0,135	0,4044
TcCLB.507549.40	trans-sialidase (pseudogene), putative	-0,1351	0,4657
TcCLB.511461.4	hypothetical protein, conserved (fragment)	-0,1352	0,458
TcCLB.511001.210	hypothetical protein, conserved	-0,1354	0,2936
TcCLB.506567.120	mitochondrial RNA binding protein, putative	-0,1354	0,3574
TcCLB.508231.204	hypothetical protein, conserved	-0,1355	0,3694
TcCLB.511109.70	hypothetical protein, conserved	-0,1356	0,1671
TcCLB.508895.10	C-terminal motor kinesin, putative	-0,1356	0,4151
TcCLB.511867.60	hypothetical protein, conserved	-0,1357	0,342
TcCLB.504105.170	hypothetical protein, conserved	-0,1358	0,1077
TcCLB.509669.60	hypothetical protein, conserved	-0,1358	0,3584
TcCLB.511521.24	hypothetical protein, conserved	-0,1358	0,581
TcCLB.507193.10	dispersed gene family protein 1 (DGF-1), putative	-0,1358	0,5939
TcCLB.511389.50	hypothetical protein, conserved	-0,1359	0,1398
TcCLB.508355.180	hypothetical protein, conserved	-0,1361	0,2958
TcCLB.506213.70	hypothetical protein, conserved	-0,1362	0,2738
TcCLB.503823.80	hypothetical protein, conserved	-0,1362	0,4205
TcCLB.507103.20	hypothetical protein	-0,1363	0,1049
TcCLB.510351.40	ATP-dependent RNA helicase, putative	-0,1363	0,17
TcCLB.504111.10	hypothetical protein, conserved	-0,1363	0,1756
TcCLB.507517.70	hypothetical protein, conserved	-0,1363	0,2869
TcCLB.511589.120	DNA topoisomerase III, putative	-0,1363	0,2962
TcCLB.510903.70	hypothetical protein, conserved	-0,1364	0,2299
TcCLB.508119.110	kynureninase, putative	-0,1364	0,394
TcCLB.511277.340	paralyzed flagella protein 20 (PF20)	-0,1365	0,1806
TcCLB.511907.280	hypothetical protein, conserved	-0,1365	0,2119
TcCLB.508119.160	hypothetical protein, conserved	-0,1365	0,2304
TcCLB.508995.40	vesicular-fusion protein nsf, putative	-0,1366	0,288
TcCLB.508959.20	hypothetical protein, conserved	-0,1367	0,2856
TcCLB.509437.125	trans-sialidase (pseudogene), putative	-0,1367	0,6149
TcCLB.506627.40	hypothetical protein, conserved	-0,1368	0,285
TcCLB.506773.110	hypothetical protein, conserved	-0,1369	0,1978
TcCLB.508461.143	hypothetical protein, conserved	-0,1369	0,4348
TcCLB.511287.70	hypothetical protein, conserved	-0,137	0,4489
TcCLB.509621.10	hypothetical protein, conserved	-0,1371	0,2245
TcCLB.506367.120	hypothetical protein, conserved	-0,1372	0,1184
TcCLB.508153.1030	hypothetical protein, conserved	-0,1372	0,1383
TcCLB.508593.150	puromycin-sensitive aminopeptidase-like protein, putative	-0,1373	0,176

TcCLB.511657.20	protein kinase, putative	-0,1374	0,2496
TcCLB.508815.60	hypothetical protein, conserved	-0,1374	0,3332
TcCLB.503889.5	hypothetical protein	-0,1376	0,5028
TcCLB.511755.60	ATP-dependent RNA helicase, putative	-0,1378	0,09438
TcCLB.507467.90	diacylglycerol acyltransferase, putative	-0,1378	0,2
TcCLB.503791.20	hypothetical protein, conserved	-0,1378	0,5136
TcCLB.508919.150	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,1379	0,4558
TcCLB.503819.30	eukaryotic translation initiation factor 2 subunit, putative	-0,138	0,1143
TcCLB.511585.310	trans-sialidase (pseudogene), putative	-0,138	0,4103
TcCLB.504157.70	hypothetical protein, conserved	-0,1381	0,1416
TcCLB.508153.970	AGC/RSK family serine/threonine kinase, putative	-0,1382	0,3682
TcCLB.509201.10	hypothetical protein, conserved	-0,1384	0,1807
TcCLB.507019.130	hypothetical protein	-0,1385	0,4089
TcCLB.506941.60	phospholipid-translocating P-type ATPase (flippase), puta	-0,1387	0,3097
TcCLB.507093.210	myosin heavy chain, putative	-0,1388	0,09634
TcCLB.511627.100	TPR-repeat protein, putative	-0,1388	0,2597
TcCLB.510101.210	hypothetical protein, conserved	-0,139	0,1855
TcCLB.511287.160	hypothetical protein, conserved	-0,139	0,2
TcCLB.508527.20	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,1391	0,1185
TcCLB.511871.20	hypothetical protein, conserved	-0,1396	0,2479
TcCLB.508889.10	hypothetical protein, conserved	-0,1397	0,1975
TcCLB.506175.5	hypothetical protein, conserved	-0,1398	0,4107
TcCLB.508909.160	hypothetical protein, conserved	-0,1398	0,4568
TcCLB.508809.30	ABC transporter family-like protein	-0,1399	0,1922
TcCLB.510295.40	Protein C21orf2 homolog, putative	-0,1399	0,2179
TcCLB.504215.40	actin-related protein 2/3 complex subunit 1, putative (ARI	-0,14	0,2701
TcCLB.507063.130	protein kinase, putative	-0,1401	0,127
TcCLB.510219.20	hypothetical protein, conserved	-0,1401	0,3935
TcCLB.508909.50	hypothetical protein, conserved	-0,1401	0,4269
TcCLB.511903.140	tubulin folding cofactor D (pseudogene), putative	-0,1403	0,107
TcCLB.510769.70	hypothetical protein	-0,1403	0,2497
TcCLB.509915.35	hypothetical protein, conserved (pseudogene)	-0,1403	0,4641
TcCLB.510257.40	hypothetical protein, conserved	-0,1405	0,2966
TcCLB.503467.9	NADH-dependent fumarate reductase, putative (fragment	-0,1405	0,468
TcCLB.506563.30	coatamer beta subunit, putative	-0,1406	0,04761
TcCLB.510221.39	adenosine monophosphate deaminase, putative (fragmer	-0,1406	0,252
TcCLB.504625.60	hydrogenase, putative	-0,1407	0,2408
TcCLB.506399.60	hypothetical protein, conserved	-0,1408	0,2687
TcCLB.506443.20	hypothetical protein, conserved	-0,1408	0,3478
TcCLB.506247.150	hypothetical protein, conserved	-0,1408	0,3587
TcCLB.508325.90	hypothetical protein	-0,1408	0,5423
TcCLB.509561.110	hypothetical protein, conserved	-0,1409	0,1826
TcCLB.506739.80	mitochondrial carrier protein, putative	-0,141	0,2157
TcCLB.506739.209	hypothetical protein, conserved	-0,141	0,318
TcCLB.508625.20	hypothetical protein, conserved	-0,141	0,4236

TcCLB.505943.40	hypothetical protein, conserved	-0,1411	0,1152
TcCLB.504109.110	cleavage and polyadenylation specificity factor, putative	-0,1411	0,2166
TcCLB.509399.190	pumilio/PUF RNA binding protein 4, putative (PUF4)	-0,1411	0,4052
TcCLB.506311.20	palmitoyl acyltransferase 2, putative	-0,1412	0,2925
TcCLB.509505.10	protein disulfide isomerase, putative	-0,1413	0,3011
TcCLB.510525.50	hypothetical protein, conserved	-0,1417	0,1649
TcCLB.506559.434	hypothetical protein, conserved	-0,1417	0,2119
TcCLB.508995.69	pseudouridine synthase TruD, putative (fragment)	-0,1417	0,2185
TcCLB.506401.140	hypothetical protein, conserved	-0,142	0,4972
TcCLB.511585.160	hypothetical protein, conserved	-0,1421	0,1962
TcCLB.506925.90	hypothetical protein, conserved	-0,1422	0,1499
TcCLB.504157.90	hypothetical protein, conserved	-0,1422	0,2619
TcCLB.434259.10	RNA polymerase-associated protein CTR9, putative	-0,1422	0,3042
TcCLB.510351.100	hypothetical protein, conserved	-0,1422	0,3273
TcCLB.509053.10	ubiquitin-protein ligase, putative	-0,1423	0,2543
TcCLB.506713.30	ATP-dependent DEAD/H RNA helicase, putative	-0,1424	0,1875
TcCLB.511277.359	phosphatidic acid phosphatase, putative	-0,1424	0,2486
TcCLB.506743.210	tubulin tyrosine ligase, putative	-0,1425	0,3705
TcCLB.505683.10	sterol 24-c-methyltransferase, putative	-0,1426	0,2414
TcCLB.510943.110	hypothetical protein, conserved	-0,1427	0,1823
TcCLB.506407.70	hypothetical protein, conserved	-0,1428	0,2763
TcCLB.504867.40	acetyltransferase, putative	-0,1428	0,2871
TcCLB.507881.60	protein kinase, putative	-0,1428	0,4838
TcCLB.506255.10	hypothetical protein, conserved (pseudogene)	-0,1429	0,4831
TcCLB.398235.10	protein kinase, putative (fragment)	-0,143	0,4939
TcCLB.511109.120	beta-ketoacyl synthase family protein, putative	-0,1432	0,3277
TcCLB.507787.90	chaperone DNAJ protein, putative	-0,1434	0,09037
TcCLB.510579.100	hypothetical protein, conserved	-0,1434	0,2611
TcCLB.506945.170	thiosulfate sulfurtransferase, mitochondrial, putative	-0,1436	0,2969
TcCLB.503463.10	protein kinase C substrate protein, heavy chain, putative	-0,1439	0,2842
TcCLB.511283.184	hypothetical protein, conserved	-0,144	0,3388
TcCLB.507993.150	hypothetical protein, conserved	-0,1441	0,1399
TcCLB.506255.20	hypothetical protein, conserved	-0,1441	0,4089
TcCLB.506883.20	hypothetical protein, conserved	-0,1442	0,2078
TcCLB.511245.160	fatty acid elongase, putative	-0,1445	0,5908
TcCLB.510535.20	hypothetical protein, conserved	-0,1446	0,1552
TcCLB.511529.100	hypothetical protein, conserved	-0,1446	0,2732
TcCLB.511857.59	katanin, putative	-0,1446	0,2839
TcCLB.510983.10	hypothetical protein	-0,1446	0,5187
TcCLB.511075.60	protein kinase, putative	-0,1447	0,3268
TcCLB.511745.60	hypothetical protein	-0,1447	0,5821
TcCLB.508897.10	GDP-mannose 4,6 dehydratase, putative	-0,1449	0,2841
TcCLB.509069.20	ATP binding protein-like protein, putative	-0,145	0,2726
TcCLB.511761.30	hypothetical protein, conserved	-0,145	0,2875
TcCLB.508275.9	dynein heavy chain, putative (fragment)	-0,1451	0,2727



TcCLB.504111.49	hypothetical protein, conserved	-0,1455	0,1639
TcCLB.507911.36	ATP-dependent DEAD/H RNA helicase (pseudogene), puta	-0,1455	0,6597
TcCLB.506615.21	surface protease GP63 (pseudogene), putative	-0,1455	0,6936
TcCLB.507645.70	Meckel syndrome type 1 protein, putative (fragment) (mk	-0,1459	0,1628
TcCLB.511435.49	phosphatidylinositol 3-kinase, putative	-0,1459	0,5693
TcCLB.507357.135	hypothetical protein	-0,1459	0,7323
TcCLB.503583.70	hypothetical protein, conserved	-0,146	0,2868
TcCLB.511445.160	copper-transporting ATPase-like protein, putative	-0,1461	0,05711
TcCLB.504533.10	dispersed gene family protein 1 (DGF-1), putative	-0,1461	0,4988
TcCLB.510693.274	mucin TcMUCII (pseudogene), putative	-0,1462	0,5295
TcCLB.511671.30	beta galactofuranosyl glycosyltransferase, putative	-0,1463	0,6279
TcCLB.506733.40	katanin-like protein, putative	-0,1464	0,2956
TcCLB.511859.40	hypothetical protein, conserved	-0,1464	0,4188
TcCLB.508605.10	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,1464	0,4854
TcCLB.506925.30	hypothetical protein, conserved	-0,1465	0,05063
TcCLB.510431.100	hypothetical protein, conserved	-0,1465	0,2025
TcCLB.511867.120	hypothetical protein, conserved	-0,1466	0,2398
TcCLB.503801.70	hypothetical protein	-0,1467	0,2161
TcCLB.509171.20	hypothetical protein, conserved	-0,1468	0,1918
TcCLB.462617.10	dynein heavy chain (pseudogene), putative	-0,1469	0,1366
TcCLB.508641.260	DNA-directed RNA polymerase, mitochondrial (MTRNAP)	-0,147	0,0666
TcCLB.511815.180	hypothetical protein, conserved	-0,147	0,2779
TcCLB.407477.20	hypothetical protein, conserved	-0,147	0,3547
TcCLB.511067.10	tubulin folding cofactor D, putative	-0,1471	0,08791
TcCLB.510671.31	hypothetical protein, conserved	-0,1471	0,1922
TcCLB.511255.516	syntaxin binding protein (pseudogene), putative	-0,1471	0,6837
TcCLB.506275.9	RNA polymerase-associated protein CDC73, putative	-0,1473	0,326
TcCLB.510719.250	RNA polymerase-associated protein CDC73, putative	-0,1474	0,1875
TcCLB.508431.5	hypothetical protein	-0,1474	0,6724
TcCLB.508083.20	hypothetical protein, conserved	-0,1475	0,3165
TcCLB.507519.70	hypothetical protein, conserved	-0,1478	0,2302
TcCLB.510089.90	hypothetical protein, conserved	-0,1478	0,2586
TcCLB.507945.30	pseudouridine synthase TruD, putative (fragment)	-0,1479	0,1634
TcCLB.504071.70	hypothetical protein, conserved	-0,148	0,06653
TcCLB.507049.119	hypothetical protein, conserved	-0,148	0,1432
TcCLB.504253.30	hypothetical protein, conserved	-0,1481	0,1971
TcCLB.509915.55	trans-sialidase (pseudogene), putative	-0,1481	0,5877
TcCLB.507035.130	hypothetical protein, conserved	-0,1483	0,1263
TcCLB.507389.50	hypothetical protein, conserved	-0,1483	0,2195
TcCLB.508731.30	calmodulin, putative	-0,1483	0,2619
TcCLB.504769.10	hypothetical protein	-0,1483	0,3576
TcCLB.509537.90	hypothetical protein, conserved	-0,1485	0,0915
TcCLB.507735.69	hypothetical protein, conserved	-0,1486	0,3196
TcCLB.507197.10	surface protease GP63, putative	-0,1487	0,1073
TcCLB.511863.30	hypothetical protein, conserved	-0,1487	0,2121

TcCLB.509173.9	hypothetical protein, conserved	-0,1487	0,2977
TcCLB.506855.130	hypothetical protein, conserved	-0,1487	0,3219
TcCLB.429185.31	trans-sialidase (pseudogene), putative	-0,149	0,6747
TcCLB.506435.190	hypothetical protein, conserved	-0,1491	0,3176
TcCLB.506525.50	hypothetical protein, conserved	-0,1492	0,2198
TcCLB.511661.70	hypothetical protein, conserved	-0,1492	0,2611
TcCLB.510537.40	trans-sialidase (pseudogene), putative	-0,1494	0,7715
TcCLB.510355.104	ATP-dependent DEAD/H RNA helicase (pseudogene), puta	-0,1495	0,5998
TcCLB.509243.20	hypothetical protein, conserved	-0,1496	0,537
TcCLB.508501.90	hypothetical protein	-0,1496	0,637
TcCLB.507795.50	syntaxin, putative	-0,1498	0,2572
TcCLB.508231.180	hypothetical protein, conserved	-0,1499	0,2082
TcCLB.506295.30	hypothetical protein, conserved	-0,15	0,3022
TcCLB.508577.60	hypothetical protein, conserved	-0,1501	0,1001
TcCLB.506801.120	protein kinase, putative	-0,1502	0,2507
TcCLB.510531.109	dynein heavy chain, cytosolic, putative (fragment)	-0,1502	0,3839
TcCLB.509733.130	hypothetical protein, conserved	-0,1505	0,1756
TcCLB.511355.20	hypothetical protein, conserved	-0,1505	0,2197
TcCLB.510287.60	ribonuclease HII, putative	-0,1505	0,2382
TcCLB.503681.29	30S ribosomal protein S8, putative	-0,1507	0,7194
TcCLB.504009.4	hypothetical protein, conserved	-0,151	0,368
TcCLB.468041.10	hypothetical protein	-0,151	0,4025
TcCLB.511711.30	eRF1 methyltransferase catalytic subunit, putative	-0,1512	0,2696
TcCLB.506679.210	RNA editing complex protein MP61, putative	-0,1513	0,1876
TcCLB.507037.20	RNA-binding protein, putative	-0,1513	0,2126
TcCLB.504217.10	coatomer subunit epsilon (COPE)	-0,1513	0,2474
TcCLB.509179.170	hypothetical protein	-0,1513	0,2784
TcCLB.511277.84	dynein light chain Tctex-type, putative	-0,1515	0,3694
TcCLB.507011.160	hypothetical protein, conserved	-0,1517	0,1967
TcCLB.510565.50	hypothetical protein, conserved	-0,1518	0,2203
TcCLB.506933.10	hypothetical protein, conserved	-0,1519	0,2467
TcCLB.510437.50	hypothetical protein, conserved	-0,152	0,1945
TcCLB.507153.55	hypothetical protein, conserved (pseudogene)	-0,152	0,3339
TcCLB.509777.40	beta galactofuranosyl glycosyltransferase, putative	-0,152	0,4262
TcCLB.511733.20	hypothetical protein, conserved	-0,1522	0,1531
TcCLB.509717.80	glyceraldehyde 3-phosphate dehydrogenase, cytosolic, put	-0,1523	0,1865
TcCLB.508469.20	hypothetical protein, conserved	-0,1524	0,2697
TcCLB.507081.90	hypothetical protein, conserved	-0,1526	0,1623
TcCLB.510421.310	hypothetical protein, conserved	-0,1526	0,2836
TcCLB.504069.40	hypothetical protein, conserved	-0,1528	0,168
TcCLB.509627.30	proteasome regulatory non-ATPase subunit 11, putative (I	-0,1529	0,1137
TcCLB.508175.230	hypothetical protein, conserved	-0,1529	0,1528
TcCLB.511261.10	hypothetical protein, conserved	-0,153	0,074
TcCLB.510303.204	hypothetical protein, conserved	-0,153	0,1249
TcCLB.504425.80	hypothetical protein, conserved	-0,1531	0,2546

TcCLB.508563.30	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,1532	0,7069
TcCLB.507629.10	hypothetical protein, conserved	-0,1534	0,06438
TcCLB.510187.234	tyrosine specific protein phosphatase, putative	-0,1534	0,1935
TcCLB.504157.30	hypothetical protein, conserved	-0,1534	0,3296
TcCLB.508221.941	surface protease GP63 (pseudogene), putative	-0,1534	0,6466
TcCLB.509569.180	hypothetical protein, conserved	-0,1535	0,2307
TcCLB.506251.20	hypothetical protein, conserved	-0,1535	0,329
TcCLB.510119.70	protein kinase, putative	-0,1536	0,3607
TcCLB.508541.230	casein kinase, putative	-0,1536	0,5284
TcCLB.506165.10	hypothetical protein, conserved	-0,1537	0,1697
TcCLB.504827.150	hypothetical protein, conserved	-0,1537	0,3301
TcCLB.510101.160	hypothetical protein, conserved	-0,1538	0,2536
TcCLB.507639.90	hypothetical protein, conserved	-0,1538	0,4799
TcCLB.511525.11	hypothetical protein, conserved (fragment)	-0,1538	0,5667
TcCLB.508441.10	NUP-1 protein, putative	-0,1539	0,01591
TcCLB.509779.30	hypothetical protein, conserved	-0,1539	0,1827
TcCLB.509563.20	hypothetical protein, conserved	-0,1539	0,2229
TcCLB.507681.130	hypothetical protein, conserved	-0,1541	0,08464
TcCLB.508547.60	hypothetical protein, conserved	-0,1541	0,2356
TcCLB.506575.30	hypothetical protein, conserved (pseudogene)	-0,1542	0,1203
TcCLB.504741.70	hypothetical protein, conserved	-0,1542	0,2027
TcCLB.508277.90	hypothetical protein, conserved	-0,1542	0,315
TcCLB.506801.70	hypothetical protein	-0,1543	0,1705
TcCLB.506885.390	AMP deaminase, putative	-0,1543	0,1939
TcCLB.508961.4	ADP-ribosylation factor, putative	-0,1543	0,3433
TcCLB.503641.19	peroxin 12, putative (PEX12)	-0,1543	0,4151
TcCLB.509595.40	hypothetical protein, conserved	-0,1544	0,1495
TcCLB.510057.30	hypothetical protein, conserved	-0,1544	0,2273
TcCLB.511755.80	formin, putative	-0,1544	0,362
TcCLB.506481.39	hypothetical protein, conserved	-0,1545	0,07534
TcCLB.506443.110	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,1545	0,2333
TcCLB.457339.10	U6 snRNA-associated Sm-like protein LSm4, putative	-0,1545	0,392
TcCLB.503861.110	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,1546	0,2311
TcCLB.509099.100	hypothetical protein, conserved	-0,1548	0,2588
TcCLB.506011.20	hypothetical protein, conserved (pseudogene)	-0,1548	0,4078
TcCLB.505425.9	dispersed gene family protein 1 (DGF-1, pseudogene), put	-0,1548	0,7675
TcCLB.510225.10	histone H1, putative	-0,1549	0,0591
TcCLB.510175.160	protein kinase, putative	-0,1549	0,3937
TcCLB.511541.9	hypothetical protein, conserved (fragment)	-0,155	0,1509
TcCLB.506479.90	hypothetical protein, conserved	-0,1552	0,1946
TcCLB.511589.80	hypothetical protein, conserved	-0,1554	0,228
TcCLB.503425.5	mitochondrial carrier protein, putative	-0,1554	0,5173
TcCLB.504827.140	hypothetical protein, conserved	-0,1555	0,1985
TcCLB.506627.60	ADP-ribosylation factor, putative	-0,1555	0,239
TcCLB.506067.80	mucin TcMUCII, putative	-0,1555	0,7224

TcCLB.509213.30	hypothetical protein, conserved	-0,1556	0,2753
TcCLB.510575.10	hypothetical protein	-0,1557	0,249
TcCLB.510361.90	surface protease GP63, putative	-0,1557	0,6109
TcCLB.511517.164	hypothetical protein, conserved	-0,1558	0,2306
TcCLB.509643.50	hypothetical protein, conserved	-0,1559	0,1753
TcCLB.508133.19	hypothetical protein, conserved	-0,1561	0,2767
TcCLB.510131.99	hypothetical protein, conserved	-0,1562	0,2681
TcCLB.509669.50	hypothetical protein, conserved	-0,1563	0,08619
TcCLB.419469.14	kinesin, putative	-0,1564	0,5561
TcCLB.506691.30	hypothetical protein, conserved	-0,1565	0,04716
TcCLB.510143.70	hypothetical protein, conserved	-0,1565	0,06054
TcCLB.404843.10	hypothetical protein, conserved	-0,1565	0,2073
TcCLB.437999.9	hypothetical protein, conserved (fragment)	-0,1565	0,2572
TcCLB.506405.20	hypothetical protein, conserved	-0,1565	0,381
TcCLB.510745.40	protein kinase, putative	-0,1566	0,1529
TcCLB.511507.100	hypothetical protein, conserved	-0,1567	0,296
TcCLB.509439.10	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,1568	0,4975
TcCLB.506885.413	glyceraldehyde-3-phosphate dehydrogenase, putative	-0,1569	0,1651
TcCLB.506359.90	hypothetical protein, conserved	-0,1569	0,1754
TcCLB.507019.100	nuclear movement protein, putative	-0,1569	0,1811
TcCLB.508721.10	small GTPase, putative	-0,1569	0,2059
TcCLB.508839.30	trafficking protein particle complex subunit 3, putative	-0,1569	0,4789
TcCLB.507093.150	hypothetical protein, conserved (pseudogene)	-0,157	0,09695
TcCLB.505037.60	NIMA/Nek Serine/threonine-protein kinase family, putati	-0,157	0,176
TcCLB.510329.370	hypothetical protein, conserved	-0,157	0,2732
TcCLB.508479.80	retrotransposon hot spot (RHS) protein, putative	-0,157	0,2927
TcCLB.435519.19	hypothetical protein, conserved (fragment)	-0,157	0,4678
TcCLB.511491.140	hypothetical protein, conserved	-0,1571	0,1254
TcCLB.506753.30	hypothetical protein	-0,1571	0,2845
TcCLB.504949.39	DNA repair protein Rad9, putative (fragment) (Rad9)	-0,1572	0,2071
TcCLB.509253.20	tubulin tyrosine ligase, putative	-0,1576	0,2474
TcCLB.478071.10	trans-sialidase (pseudogene), putative	-0,1576	0,3043
TcCLB.509805.110	hypothetical protein, conserved	-0,1577	0,0994
TcCLB.510317.20	hypothetical protein, conserved	-0,1578	0,1095
TcCLB.505683.5	hypothetical protein	-0,1578	0,1706
TcCLB.508207.74	Adenine phosphoribosyltransferase, putative	-0,1578	0,2459
TcCLB.503851.32	trans-sialidase (pseudogene), putative	-0,1578	0,4411
TcCLB.510519.149	hypothetical protein, conserved	-0,1579	0,1126
TcCLB.508719.20	hypothetical protein, conserved	-0,158	0,3557
TcCLB.430281.20	hypothetical protein (fragment)	-0,158	0,6908
TcCLB.506999.160	hypothetical protein	-0,1581	0,4211
TcCLB.506559.100	multidrug resistance-associated protein, putative	-0,1582	0,113
TcCLB.509611.89	hypothetical protein, conserved	-0,159	0,4319
TcCLB.509589.50	hypothetical protein, conserved	-0,1591	0,1092
TcCLB.511903.280	hypothetical protein, conserved	-0,1591	0,225

TcCLB.507623.20	hypothetical protein, conserved	-0,1592	0,1213
TcCLB.506009.50	hypothetical protein, conserved	-0,1595	0,1198
TcCLB.509001.10	hypothetical protein, conserved	-0,1595	0,1745
TcCLB.509901.110	hypothetical protein, conserved	-0,1595	0,2659
TcCLB.507541.50	casein kinase, putative (fragment)	-0,1597	0,1012
TcCLB.510285.90	hypothetical protein, conserved	-0,1597	0,1684
TcCLB.508441.40	hypothetical protein, conserved	-0,1599	0,139
TcCLB.511707.20	hypothetical protein	-0,1599	0,2664
TcCLB.506335.15	hypothetical protein	-0,1601	0,5828
TcCLB.503899.80	hypothetical protein, conserved	-0,1602	0,172
TcCLB.504215.20	dolichyl-P-Man:GDP-ManGlcNAc2-PP-dolichyl beta-1,4-m	-0,1602	0,2051
TcCLB.511267.20	hypothetical protein, conserved	-0,1602	0,3902
TcCLB.503751.30	hypothetical protein, conserved (pseudogene)	-0,1603	0,1594
TcCLB.503747.20	hypothetical protein	-0,1604	0,4236
TcCLB.508799.140	transcription modulator/accessory protein, putative	-0,1605	0,09739
TcCLB.511109.90	DnaJ chaperone protein, putative	-0,1607	0,2352
TcCLB.507787.70	hypothetical protein, conserved	-0,1607	0,2796
TcCLB.511189.90	hypothetical protein, conserved	-0,161	0,09512
TcCLB.510031.40	hypothetical protein	-0,161	0,2855
TcCLB.508467.10	hypothetical protein, conserved	-0,1612	0,4357
TcCLB.504175.30	hypothetical protein, conserved	-0,1613	0,2432
TcCLB.510089.80	protein kinase, putative	-0,1615	0,1649
TcCLB.506369.30	hypothetical protein, conserved	-0,1615	0,2879
TcCLB.509345.20	trans-sialidase (pseudogene), putative	-0,1616	0,5189
TcCLB.508153.410	hypothetical protein, conserved	-0,1617	0,1569
TcCLB.506739.190	serine/threonine protein kinase, putative	-0,1619	0,1598
TcCLB.506201.100	hypothetical protein, conserved	-0,1621	0,1705
TcCLB.507093.50	hypothetical protein, conserved	-0,1624	0,06137
TcCLB.511111.40	hypothetical protein, conserved	-0,1625	0,2144
TcCLB.504137.90	hypothetical protein, conserved	-0,1626	0,1333
TcCLB.511153.64	histone H2B variant, putative	-0,1627	0,1035
TcCLB.510181.50	nucleoporin interacting component (NUP93), putative	-0,163	0,1758
TcCLB.509817.40	trans-sialidase (pseudogene), putative	-0,163	0,3292
TcCLB.508707.300	hypothetical protein, conserved	-0,1631	0,04987
TcCLB.508175.70	lanosterol synthase, putative	-0,1631	0,1132
TcCLB.511109.40	hypothetical protein, conserved	-0,1631	0,14
TcCLB.510251.10	amino acid permease-like protein, putative	-0,1632	0,1074
TcCLB.506007.10	MP24, putative	-0,1632	0,3451
TcCLB.508163.390	hypothetical protein, conserved	-0,1632	0,4767
TcCLB.506035.10	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,1633	0,1699
TcCLB.507515.110	hypothetical protein, conserved	-0,1633	0,1759
TcCLB.422031.10	solanesyl-diphosphate synthase, putative	-0,1633	0,2048
TcCLB.511517.99	hypothetical protein, conserved	-0,1633	0,2839
TcCLB.510659.10	hypothetical protein, conserved	-0,1634	0,1169
TcCLB.508817.90	hypothetical protein, conserved (pseudogene)	-0,1635	0,1799

TcCLB.511087.4	mucin TcMUCII (pseudogene), putative	-0,1635	0,6106
TcCLB.507633.120	mucin TcMUCII, putative	-0,1635	0,681
TcCLB.509793.69	hypothetical protein, conserved	-0,1636	0,08401
TcCLB.506945.260	hypothetical protein, conserved	-0,1637	0,05465
TcCLB.508965.39	hypothetical protein, conserved	-0,1637	0,1
TcCLB.510339.54	hypothetical protein, conserved	-0,1638	0,1085
TcCLB.509243.60	ATP-dependent DEAD/H DNA helicase recQ, putative	-0,1638	0,4983
TcCLB.508879.150	hypothetical protein, conserved	-0,1639	0,2758
TcCLB.510513.30	Probable methyltransferase BTM2 homolog	-0,164	0,251
TcCLB.507209.30	hypothetical protein, conserved	-0,1642	0,07743
TcCLB.506801.129	hypothetical protein (fragment)	-0,1642	0,1229
TcCLB.509715.20	clathrin coat assembly protein, putative	-0,1642	0,2101
TcCLB.506605.90	hypothetical protein, conserved	-0,1642	0,2316
TcCLB.511389.100	hypothetical protein, conserved	-0,1642	0,2381
TcCLB.508577.120	hypothetical protein, conserved	-0,1643	0,2574
TcCLB.503823.90	hypothetical protein, conserved	-0,1645	0,1196
TcCLB.508707.220	hypothetical protein	-0,1645	0,1876
TcCLB.507099.130	hypothetical protein, conserved	-0,1645	0,213
TcCLB.510065.50	hypothetical protein, conserved	-0,1645	0,275
TcCLB.506883.100	GTP-binding protein, putative	-0,1646	0,1085
TcCLB.507669.110	hypothetical protein, conserved	-0,1649	0,0656
TcCLB.509429.90	translation initiation factor EIF-2b alpha subunit, putative	-0,1649	0,2232
TcCLB.507611.230	trans-sialidase (pseudogene), putative	-0,165	0,3094
TcCLB.507711.349	hypothetical protein, conserved	-0,165	0,397
TcCLB.511001.90	hypothetical protein, conserved	-0,1652	0,02258
TcCLB.506989.120	hypothetical protein, conserved	-0,1652	0,2101
TcCLB.506779.10	dynein regulatory complex subunit, putative	-0,1652	0,2574
TcCLB.508233.10	hypothetical protein, conserved	-0,1654	0,2518
TcCLB.505989.74	peroxisome biogenesis factor 1, putative	-0,1655	0,09325
TcCLB.506695.40	hypothetical protein, conserved	-0,1655	0,2562
TcCLB.510155.40	DNA-damage inducible protein DDI1-like protein, putative	-0,1656	0,08771
TcCLB.507037.10	proteasome regulatory non-ATPase subunit 7 (pseudogen)	-0,1656	0,1318
TcCLB.511281.53	hypothetical protein	-0,1656	0,6326
TcCLB.509237.20	hypothetical protein, conserved	-0,1658	0,05608
TcCLB.504119.4	DNA-directed RNA polymerase III subunit C1, putative (fra	-0,1658	0,4283
TcCLB.508505.10	hypothetical protein, conserved	-0,1659	0,1291
TcCLB.508465.20	hypothetical protein, conserved	-0,1659	0,1727
TcCLB.510667.50	hypothetical protein, conserved	-0,1659	0,1883
TcCLB.511711.10	hypothetical protein, conserved	-0,166	0,17
TcCLB.511421.230	Cell cycle checkpoint protein RAD1-like, putative	-0,1661	0,1415
TcCLB.510329.310	hypothetical protein, conserved	-0,1661	0,1616
TcCLB.506355.160	hypothetical protein, conserved	-0,1661	0,1859
TcCLB.506211.220	Associated kinase of Tb14-3-3, putative (AKB1)	-0,1662	0,0602
TcCLB.510443.40	hypothetical protein, conserved	-0,1663	0,1303
TcCLB.511925.10	hypothetical protein, conserved	-0,1664	0,1536

TcCLB.508661.30	DnaJ chaperone protein, putative	-0,1666	0,06847
TcCLB.507011.80	zinc finger protein, putative	-0,1667	0,1696
TcCLB.506405.30	actin-like protein, putative	-0,1667	0,2203
TcCLB.510483.90	trans-sialidase (pseudogene), putative	-0,1667	0,5516
TcCLB.509735.30	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,1668	0,1319
TcCLB.507129.10	actin 2, putative	-0,1668	0,3239
TcCLB.510297.100	ADP-ribosylation factor-like protein, putative	-0,1671	0,1504
TcCLB.504867.10	hypothetical protein, conserved	-0,1671	0,2011
TcCLB.506811.30	hypothetical protein, conserved	-0,1672	0,1185
TcCLB.511393.60	protein kinase, putative	-0,1673	0,06974
TcCLB.511589.170	oxidoreductase, putative	-0,1673	0,2715
TcCLB.507009.120	DNA repair protein RAD2, putative	-0,1674	0,1454
TcCLB.505169.10	polyubiquitin (pseudogene), putative	-0,1674	0,2673
TcCLB.509471.95	histone H3, putative	-0,1675	0,2336
TcCLB.510407.100	hypothetical protein, conserved	-0,1676	0,1486
TcCLB.503487.10	DNA-directed RNA polymerase, mitochondrial (fragment)	-0,1676	0,3216
TcCLB.510325.60	hypothetical protein, conserved	-0,1677	0,1424
TcCLB.508277.310	hypothetical protein	-0,1677	0,2393
TcCLB.508891.4	hypothetical protein, conserved	-0,1677	0,2551
TcCLB.506925.350	hypothetical protein, conserved	-0,1678	0,07211
TcCLB.511621.110	hypothetical protein	-0,1678	0,1309
TcCLB.508559.40	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,1678	0,2647
TcCLB.511075.24	zinc-finger multi-pass transmembrane protein, putative	-0,1679	0,1499
TcCLB.507913.10	hypothetical protein, conserved	-0,168	0,4273
TcCLB.506795.50	poly(A) polymerase, putative	-0,1681	0,07771
TcCLB.511733.120	hypothetical protein, conserved	-0,1681	0,08846
TcCLB.510601.30	hypothetical protein, conserved	-0,1681	0,1383
TcCLB.508257.170	dynein heavy chain, putative	-0,1681	0,1809
TcCLB.503809.24	hypothetical protein, conserved	-0,1681	0,318
TcCLB.509065.60	glyceraldehyde 3-phosphate dehydrogenase, putative	-0,1682	0,04902
TcCLB.510515.100	coronin, putative (CRN12)	-0,1682	0,07755
TcCLB.506041.40	hypothetical protein, conserved	-0,1682	0,1341
TcCLB.508139.170	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,1687	0,1525
TcCLB.508385.30	CYC2-like cyclin, putative	-0,1688	0,06751
TcCLB.509911.124	hypothetical protein, conserved	-0,1688	0,2292
TcCLB.506295.80	ADP-ribosylation factor-like 2, arl2, putative (ARL2)	-0,1688	0,5066
TcCLB.511261.60	hypothetical protein, conserved	-0,1689	0,06251
TcCLB.507603.60	hypothetical protein, conserved	-0,1689	0,1707
TcCLB.506025.20	hypothetical protein, conserved	-0,1689	0,1788
TcCLB.505807.254	hypothetical protein	-0,169	0,3539
TcCLB.506133.10	syntaxin binding protein (pseudogene), putative	-0,169	0,6552
TcCLB.506859.90	prefoldin, putative	-0,1691	0,1377
TcCLB.510283.40	phosphoglycerate mutase family member 5, putative	-0,1691	0,306
TcCLB.508541.200	hypothetical protein, conserved	-0,1693	0,2902
TcCLB.506193.5	glucose-6-phosphate 1-dehydrogenase (pseudogene), puti	-0,1693	0,4571

TcCLB.511285.10	hypothetical protein	-0,1694	0,06696
TcCLB.511319.20	hypothetical protein, conserved	-0,1694	0,06754
TcCLB.509599.90	hypothetical protein, conserved	-0,1694	0,1223
TcCLB.507623.110	surface protease GP63, putative	-0,1694	0,1276
TcCLB.511287.10	hypothetical protein, conserved	-0,1694	0,1909
TcCLB.510943.170	hypothetical protein, conserved	-0,1696	0,1448
TcCLB.412435.10	hypothetical protein, conserved	-0,1697	0,2441
TcCLB.509967.60	hypothetical protein, conserved	-0,1697	0,2487
TcCLB.511903.134	hypothetical protein, conserved	-0,1697	0,2874
TcCLB.506359.10	hypothetical protein, conserved	-0,1697	0,3027
TcCLB.507005.40	zinc finger protein, putative	-0,1698	0,219
TcCLB.504049.30	trans-sialidase (pseudogene), putative	-0,1699	0,5647
TcCLB.506227.250	hypothetical protein, conserved	-0,17	0,1203
TcCLB.508027.80	hypothetical protein, conserved	-0,1701	0,08873
TcCLB.506463.10	Lys-63-specific deubiquitinase BRCC36, putative	-0,1701	0,1975
TcCLB.507649.100	hypothetical protein, conserved	-0,1702	0,08369
TcCLB.508397.20	hypothetical protein, conserved	-0,1702	0,2877
TcCLB.506835.40	hypothetical protein, conserved	-0,1703	0,1479
TcCLB.510657.10	Flagellar Member 5 (fragment) (FLAM5)	-0,1703	0,2455
TcCLB.511511.20	tRNA modification enzyme, putative	-0,1703	0,3129
TcCLB.509979.100	hypothetical protein, conserved	-0,1704	0,2723
TcCLB.506177.50	hypothetical protein, conserved	-0,1705	0,04618
TcCLB.503939.100	hypothetical protein, conserved	-0,1706	0,06117
TcCLB.508153.550	hypothetical protein, conserved	-0,1706	0,1074
TcCLB.507897.4	inositol polyphosphate 1-phosphatase, putative	-0,1706	0,1517
TcCLB.503697.110	hypothetical protein, conserved	-0,1707	0,1747
TcCLB.504899.20	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,1707	0,193
TcCLB.506127.110	eukaryotic peptide chain release factor subunit 1, putative	-0,1708	0,07751
TcCLB.507547.70	hypothetical protein, conserved	-0,1709	0,08229
TcCLB.503823.110	hypothetical protein, conserved	-0,1709	0,2304
TcCLB.509195.10	hypothetical protein	-0,1709	0,6293
TcCLB.508723.24	hypothetical protein, conserved	-0,171	0,1673
TcCLB.510173.80	hypothetical protein	-0,1712	0,2335
TcCLB.507093.63	RNA-binding protein, putative	-0,1713	0,1925
TcCLB.509537.20	hypothetical protein, conserved	-0,1715	0,1338
TcCLB.503885.90	hypothetical protein, conserved	-0,1716	0,101
TcCLB.508895.89	intraflagellar transport protein 80, putative (fragment) (IF	-0,1717	0,1887
TcCLB.506227.140	hypothetical protein, conserved	-0,1717	0,2681
TcCLB.511075.30	TFIIH basal transcription factor complex helicase subunit,	-0,1718	0,02402
TcCLB.508899.30	hypothetical protein, conserved	-0,1718	0,2099
TcCLB.504009.40	Axonemal inner arm dynein light chain, putative	-0,1719	0,1885
TcCLB.509837.40	histone H1, putative	-0,1721	0,3359
TcCLB.511109.110	hypothetical protein, conserved	-0,1721	0,3516
TcCLB.509053.50	hypothetical protein, conserved	-0,1722	0,4436
TcCLB.508387.70	hypothetical protein, conserved	-0,1723	0,03468



TcCLB.511275.40	hypothetical protein, conserved	-0,1724	0,2656
TcCLB.507681.240	hypothetical protein, conserved	-0,1725	0,1007
TcCLB.511851.20	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,1726	0,3491
TcCLB.511587.111	N-acetyltransferase complex ARD1 subunit (pseudogene),	-0,1726	0,5064
TcCLB.510073.70	CCR4-NOT transcription complex subunit 2, putative	-0,1727	0,08047
TcCLB.510007.20	hypothetical protein, conserved	-0,1727	0,1403
TcCLB.506891.30	leucine-rich repeat-containing protein	-0,1727	0,2572
TcCLB.510817.10	protein kinase, putative	-0,1727	0,5232
TcCLB.508873.40	mucin TcMUCII (pseudogene), putative	-0,1727	0,5458
TcCLB.507257.70	protein farnesyltransferase alpha subunit, putative	-0,1728	0,09225
TcCLB.511071.20	hypothetical protein, conserved	-0,1729	0,254
TcCLB.507681.90	hypothetical protein, conserved	-0,173	0,1043
TcCLB.508973.60	hypothetical protein, conserved	-0,1731	0,1254
TcCLB.511717.180	hypothetical protein, conserved	-0,1731	0,1487
TcCLB.504643.49	hypothetical protein, conserved (fragment)	-0,1733	0,05709
TcCLB.511001.80	hypothetical protein, conserved	-0,1733	0,08211
TcCLB.508737.140	hypothetical protein, conserved	-0,1733	0,08901
TcCLB.510665.20	hypothetical protein, conserved	-0,1734	0,1055
TcCLB.507709.30	hypothetical protein, conserved	-0,1734	0,2743
TcCLB.506475.120	conserved protein, unknown function	-0,1735	0,1211
TcCLB.511203.20	surface protease GP63, putative	-0,1735	0,3164
TcCLB.511261.90	hypothetical protein, conserved	-0,1737	0,1443
TcCLB.503717.90	surface protease GP63, putative	-0,1737	0,6675
TcCLB.511755.50	hypothetical protein, conserved	-0,1738	0,1422
TcCLB.508001.60	trans-sialidase (pseudogene), putative	-0,1738	0,4472
TcCLB.506629.110	hypothetical protein, conserved	-0,1739	0,1337
TcCLB.510901.150	proteasome regulatory non-ATPase subunit 2, putative	-0,174	0,03755
TcCLB.503643.6	hypothetical protein, conserved	-0,174	0,1411
TcCLB.511589.74	hypothetical protein	-0,174	0,1597
TcCLB.507009.80	hypothetical protein, conserved	-0,174	0,259
TcCLB.505555.30	hypothetical protein, conserved	-0,1741	0,03485
TcCLB.511423.80	Transmembrane protein 231, putative	-0,1741	0,0851
TcCLB.478711.10	trans-sialidase (pseudogene), putative	-0,1741	0,1564
TcCLB.509381.10	mitochondrial import receptor subunit, putative	-0,1742	0,09733
TcCLB.503655.40	surface protease GP63 (pseudogene), putative	-0,1742	0,4546
TcCLB.504089.54	protein kinase, putative	-0,1743	0,0864
TcCLB.507809.170	protein kinase, putative	-0,1743	0,5143
TcCLB.504157.100	hypothetical protein, conserved	-0,1745	0,1231
TcCLB.508163.81	hypothetical protein, conserved (pseudogene)	-0,1745	0,6655
TcCLB.508153.150	hypothetical protein, conserved	-0,1746	0,1313
TcCLB.508209.120	10 kDa heat shock protein, putative	-0,1747	0,5816
TcCLB.511487.71	hypothetical protein	-0,1748	0,1734
TcCLB.506479.10	hypothetical protein, conserved	-0,1748	0,2107
TcCLB.504827.170	kinetoplastid kinetochore protein 2, putative (fragment) (l	-0,1749	0,2137
TcCLB.425597.5	hypothetical protein, conserved (pseudogene)	-0,1749	0,4055

TcCLB.510387.30	surface protease GP63 (pseudogene), putative	-0,175	0,6258
TcCLB.510621.60	mucin-associated surface protein (MASP), putative	-0,1751	0,6025
TcCLB.508465.70	hypothetical protein, conserved	-0,1752	0,1452
TcCLB.510421.29	CAAX prenyl protease 2, putative	-0,1752	0,2236
TcCLB.507063.180	hypothetical protein, conserved	-0,1752	0,2825
TcCLB.510431.290	hypothetical protein	-0,1752	0,3516
TcCLB.506865.20	hypothetical protein	-0,1753	0,1521
TcCLB.506973.30	mucin-associated surface protein (MASP), putative	-0,1753	0,4884
TcCLB.503835.5	rac serine threonine protein kinase, putative	-0,1754	0,5187
TcCLB.510737.79	60S ribosomal subunit protein L31, putative	-0,1754	0,6013
TcCLB.506503.100	U3 snoRNA-associated protein UTP11, putative	-0,1755	0,1915
TcCLB.509693.190	ABC transporter, putative	-0,1755	0,1987
TcCLB.508643.30	DnaJ chaperone protein, putative	-0,1755	0,2653
TcCLB.506445.100	E2-like ubiquitin-conjugation enzyme, putative (UFC1)	-0,1757	0,03874
TcCLB.507053.70	geranylgeranyl transferase type II beta subunit, putative	-0,1759	0,1202
TcCLB.508207.170	hypothetical protein	-0,1761	0,09666
TcCLB.508207.260	hypothetical protein, conserved	-0,1761	0,1806
TcCLB.508693.40	hypothetical protein, conserved	-0,1762	0,0614
TcCLB.508779.30	synaptobrevin, putative	-0,1763	0,09706
TcCLB.511213.50	mucin TcMUCII, putative	-0,1765	0,3516
TcCLB.509533.10	trans-sialidase, Group II, putative	-0,1766	0,3172
TcCLB.509959.40	beta galactofuranosyl glycosyltransferase, putative	-0,1766	0,6818
TcCLB.508173.47	autophagy-related protein 8 (ATG8)	-0,1769	0,1382
TcCLB.505807.40	hypothetical protein, conserved	-0,177	0,03778
TcCLB.507623.125	hypothetical protein, conserved	-0,177	0,4988
TcCLB.506985.40	Polyamine transporter 1, putative (POT1.1)	-0,1771	0,1067
TcCLB.506047.13	ATP-dependent DEAD/H RNA helicase (pseudogene), puta	-0,1772	0,6163
TcCLB.507711.280	hypothetical protein, conserved	-0,1773	0,2038
TcCLB.507625.150	hypothetical protein, conserved	-0,1773	0,2347
TcCLB.511383.89	Flagellar Member 3 (FLAM3)	-0,1774	0,2121
TcCLB.506925.60	hypothetical protein, conserved	-0,1774	0,2154
TcCLB.511237.120	hypothetical protein	-0,1775	0,432
TcCLB.508141.80	hypothetical protein, conserved	-0,1776	0,05809
TcCLB.510643.121	trans-sialidase (pseudogene), putative	-0,1776	0,3422
TcCLB.505655.20	hypothetical protein	-0,1776	0,5747
TcCLB.506755.160	AAA ATPase, putative	-0,1777	0,01698
TcCLB.508461.230	kinetoplastid kinetochore protein 3, putative (kkt3)	-0,1778	0,1252
TcCLB.508231.200	40S ribosomal protein S8, putative	-0,1779	0,1157
TcCLB.510031.30	hypothetical protein	-0,1781	0,1308
TcCLB.509379.29	hypothetical protein, conserved	-0,1781	0,3472
TcCLB.509693.150	hypothetical protein, conserved	-0,1782	0,1127
TcCLB.510309.60	hypothetical protein, conserved	-0,1783	0,1201
TcCLB.507063.150	hypothetical protein, conserved	-0,1783	0,1619
TcCLB.447255.29	multidrug resistance-associated protein, putative	-0,1783	0,3447
TcCLB.510659.74	hypothetical protein, conserved	-0,1783	0,4233

TcCLB.503513.40	proteasome regulatory non-ATPase subunit 6, putative	-0,1785	0,1459
TcCLB.511927.30	hypothetical protein, conserved	-0,1785	0,3914
TcCLB.504097.4	nucleoplasmin-like protein (NLP), putative	-0,1786	0,1405
TcCLB.506573.60	hypothetical protein, conserved	-0,1786	0,1467
TcCLB.410923.30	hypothetical protein	-0,1786	0,4568
TcCLB.510709.31	syntaxin binding protein (pseudogene), putative	-0,1786	0,7284
TcCLB.510733.40	hypothetical protein, conserved	-0,1787	0,1132
TcCLB.505007.10	RNA-binding protein, putative	-0,1787	0,2179
TcCLB.503735.30	hypothetical protein, conserved	-0,1788	0,1252
TcCLB.509287.10	hypothetical protein, conserved	-0,1788	0,2521
TcCLB.504057.80	Present in the outer mitochondrial membrane proteome 2	-0,1789	0,06247
TcCLB.506855.290	hypothetical protein, conserved	-0,1789	0,1962
TcCLB.507519.140	Adenine phosphoribosyltransferase, putative	-0,179	0,1265
TcCLB.508207.250	mitotic cyclin, putative	-0,1791	0,205
TcCLB.511753.100	ABC transporter, putative	-0,1792	0,143
TcCLB.510141.20	hypothetical protein, conserved	-0,1793	0,1639
TcCLB.506755.120	hypothetical protein, conserved	-0,1795	0,0384
TcCLB.509489.29	proteasome regulatory non-ATP-ase subunit, putative (fra	-0,1795	0,2108
TcCLB.408799.10	hypothetical protein, conserved	-0,1796	0,2607
TcCLB.504105.30	DNA-directed RNA polymerase III subunit C1, putative (RP	-0,1797	0,00703
TcCLB.506665.10	hypothetical protein	-0,1797	0,6868
TcCLB.507669.100	transcription elongation factor, putative	-0,1798	0,09938
TcCLB.507053.100	ubiquitin hydrolase, putative	-0,1799	0,04279
TcCLB.511421.150	leucine-rich repeat-containing protein	-0,1799	0,04332
TcCLB.508179.10	DnaJ chaperone protein, putative	-0,1799	0,2948
TcCLB.511173.110	mucin TcMUCII, putative	-0,1799	0,5365
TcCLB.511709.10	hypothetical protein, conserved	-0,18	0,1644
TcCLB.508153.40	hypothetical protein, conserved	-0,18	0,228
TcCLB.508317.20	hypothetical protein, conserved	-0,1801	0,2073
TcCLB.510421.140	hypothetical protein, conserved	-0,1801	0,2117
TcCLB.509161.130	ATP-dependent DEAD/H RNA helicase, putative	-0,1802	0,03466
TcCLB.507093.240	hypothetical protein, conserved	-0,1802	0,04922
TcCLB.506211.240	hypothetical protein, conserved	-0,1803	0,0516
TcCLB.507993.140	RNA-binding protein 29, putative (RBP29)	-0,1803	0,08169
TcCLB.510609.100	hypothetical protein, conserved	-0,1803	0,1802
TcCLB.503703.80	hypothetical protein, conserved	-0,1806	0,1945
TcCLB.508943.10	hypothetical protein, conserved	-0,1807	0,2019
TcCLB.507559.60	hypothetical protein, conserved	-0,1808	0,0838
TcCLB.511727.60	hypothetical protein, conserved	-0,1809	0,03538
TcCLB.510941.20	hypothetical protein, conserved	-0,1809	0,2124
TcCLB.506009.20	hypothetical protein, conserved	-0,181	0,04042
TcCLB.506943.120	hypothetical protein, conserved	-0,1815	0,1923
TcCLB.508605.40	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,1815	0,3083
TcCLB.510091.60	hypothetical protein, conserved	-0,1816	0,105
TcCLB.401661.10	trans-sialidase (pseudogene), putative	-0,1816	0,1175

TcCLB.510575.140	hypothetical protein, conserved	-0,1817	0,1828
TcCLB.507259.4	hypothetical protein, conserved	-0,1817	0,2323
TcCLB.508029.30	ATP dependent DEAD-box helicase, putative (RH)	-0,1818	0,03991
TcCLB.511625.10	transcription initiation protein, putative	-0,1819	0,06921
TcCLB.510763.70	hypothetical protein, conserved	-0,1819	0,1313
TcCLB.447483.4	Meckel syndrome type 1 protein, putative (fragment) (mk)	-0,182	0,3693
TcCLB.504057.60	hypothetical protein, conserved	-0,1821	0,05986
TcCLB.510645.20	nuclear transcription factor, putative	-0,1821	0,09345
TcCLB.506743.20	hypothetical protein, conserved	-0,1821	0,3086
TcCLB.510387.70	hypothetical protein, conserved (pseudogene)	-0,1821	0,3615
TcCLB.507801.19	dynein heavy chain, putative	-0,1822	0,1351
TcCLB.508207.20	protein kinase, putative	-0,1823	0,3433
TcCLB.511185.60	trans-sialidase (pseudogene), putative	-0,1823	0,471
TcCLB.511875.50	syntaxin binding protein (pseudogene), putative	-0,1824	0,1571
TcCLB.509453.90	hypothetical protein, conserved	-0,1826	0,05051
TcCLB.509429.180	hypothetical protein, conserved	-0,1826	0,06494
TcCLB.507049.10	hypothetical protein, conserved	-0,1826	0,1507
TcCLB.506607.19	phosphoribosylpyrophosphate synthetase, putative	-0,1826	0,186
TcCLB.511019.74	retrotransposon hot spot (RHS) protein, putative	-0,1827	0,09873
TcCLB.508357.26	hypothetical protein, conserved	-0,1829	0,1631
TcCLB.506811.220	hypothetical protein, conserved	-0,183	0,04045
TcCLB.508911.60	hypothetical protein, conserved	-0,1831	0,05443
TcCLB.511545.150	hypothetical protein, conserved	-0,1831	0,1038
TcCLB.511517.44	chaperone DNAJ protein, putative	-0,1834	0,09834
TcCLB.507013.24	poly(ADP-ribose) glycohydrolase, putative	-0,1834	0,1454
TcCLB.509937.50	hypothetical protein, conserved	-0,1836	0,07438
TcCLB.509967.90	hypothetical protein, conserved	-0,1837	0,1651
TcCLB.509099.130	hypothetical protein, conserved	-0,1839	0,05776
TcCLB.503423.20	protein kinase, putative	-0,184	0,6726
TcCLB.509955.50	hypothetical protein, conserved	-0,184	0,6901
TcCLB.510255.4	hypothetical protein, conserved	-0,1842	0,5151
TcCLB.509161.80	hypothetical protein, conserved	-0,1843	0,1394
TcCLB.511257.20	hypothetical protein, conserved	-0,1845	0,09683
TcCLB.511183.49	mucin TcMUCII (pseudogene), putative	-0,1847	0,699
TcCLB.511277.450	GPI-anchor transamidase subunit 8, putative (GPI8)	-0,1849	0,1338
TcCLB.506275.80	hypothetical protein, conserved	-0,185	0,1899
TcCLB.503539.20	Putative intraflagellar transport protein A1 (PIFTA1)	-0,1851	0,06818
TcCLB.511131.20	hypothetical protein, conserved	-0,1851	0,09638
TcCLB.511517.50	hypothetical protein, conserved	-0,1852	0,1283
TcCLB.511003.70	hypothetical protein, conserved	-0,1855	0,2382
TcCLB.504069.110	hypothetical protein, conserved	-0,1855	0,2607
TcCLB.511497.10	hypothetical protein, conserved	-0,1855	0,3185
TcCLB.508307.90	hypothetical protein, conserved	-0,1856	0,0558
TcCLB.506637.60	hypothetical protein, conserved	-0,1856	0,1694
TcCLB.508699.90	surface protease GP63, putative	-0,1856	0,2585

TcCLB.503903.70	hypothetical protein, conserved	-0,1858	0,1953
TcCLB.510889.170	hypothetical protein, conserved	-0,1859	0,02399
TcCLB.506247.130	hypothetical protein, conserved	-0,1859	0,03918
TcCLB.509977.61	surface protease GP63 (pseudogene), putative	-0,1859	0,2897
TcCLB.503581.39	coatomer delta subunit, putative	-0,1861	0,1343
TcCLB.510091.20	hypothetical protein, conserved	-0,1861	0,2869
TcCLB.506665.30	trans-sialidase, putative (fragment)	-0,1861	0,5213
TcCLB.506727.140	hypothetical protein, conserved	-0,1862	0,1714
TcCLB.506637.100	tyrosine phosphatase isoform, putative	-0,1863	0,144
TcCLB.507793.60	hypothetical protein, conserved	-0,1863	0,3861
TcCLB.510123.24	hypothetical protein, conserved	-0,1865	0,1217
TcCLB.509885.20	hypothetical protein, conserved	-0,1865	0,2078
TcCLB.511295.30	hypothetical protein, conserved	-0,187	0,03414
TcCLB.511255.420	mucin-associated surface protein (MASP, pseudogene), pi	-0,1872	0,4938
TcCLB.511395.60	serine/threonine protein kinase, putative	-0,1873	0,04131
TcCLB.506755.230	hypothetical protein, conserved	-0,1873	0,1751
TcCLB.510421.200	hypothetical protein, conserved	-0,1875	0,1125
TcCLB.503735.40	hypothetical protein	-0,1875	0,1379
TcCLB.498829.21	hypothetical protein	-0,1875	0,6826
TcCLB.504797.144	hypothetical protein, conserved	-0,1876	0,07685
TcCLB.503823.140	hypothetical protein, conserved	-0,1876	0,1625
TcCLB.510967.16	hypothetical protein, conserved	-0,1877	0,1192
TcCLB.506287.130	hypothetical protein, conserved	-0,1878	0,1175
TcCLB.506257.60	XPA-interacting protein, putative	-0,1878	0,1323
TcCLB.510197.5	hypothetical protein, conserved (pseudogene)	-0,1878	0,4437
TcCLB.508163.340	trans-sialidase (pseudogene), putative	-0,1878	0,6361
TcCLB.429257.10	hypothetical protein, conserved	-0,1881	0,3936
TcCLB.509773.20	protein kinase, putative	-0,1881	0,5058
TcCLB.511731.50	ATP-dependent RNA helicase, putative	-0,1882	0,1301
TcCLB.510743.110	hypothetical protein, conserved	-0,1884	0,1283
TcCLB.506895.80	trans-sialidase, putative	-0,1884	0,2273
TcCLB.504191.19	sterol 24-c-methyltransferase, putative	-0,1884	0,3629
TcCLB.508071.80	trans-sialidase (pseudogene), putative	-0,1886	0,09955
TcCLB.511201.19	hypothetical protein (fragment)	-0,1886	0,1345
TcCLB.506177.120	hypothetical protein	-0,1886	0,1699
TcCLB.509319.60	endo/exonuclease Mre11, putative	-0,1887	0,03068
TcCLB.511871.100	hypothetical protein, conserved	-0,1887	0,08067
TcCLB.507857.80	hypothetical protein, conserved (pseudogene)	-0,1888	0,08063
TcCLB.511825.66	hypothetical protein, conserved	-0,1888	0,2871
TcCLB.510187.360	hypothetical protein, conserved	-0,189	0,05736
TcCLB.511421.155	hypothetical protein, conserved	-0,189	0,1305
TcCLB.509157.100	hypothetical protein	-0,189	0,2289
TcCLB.511367.10	hypothetical protein	-0,189	0,6701
TcCLB.508461.340	hypothetical protein, conserved	-0,1891	0,02169
TcCLB.505765.10	hypothetical protein, conserved (pseudogene)	-0,1891	0,2437

TcCLB.507739.30	hypothetical protein, conserved	-0,1893	0,064
TcCLB.507991.50	kinesin, putative	-0,1895	0,03695
TcCLB.503837.30	hypothetical protein, conserved	-0,1895	0,2086
TcCLB.503845.20	dispersed gene family protein 1 (DGF-1, pseudogene), put	-0,1895	0,4057
TcCLB.508949.50	protein kinase, putative	-0,1896	0,1452
TcCLB.508689.10	hypothetical protein, conserved	-0,1896	0,1508
TcCLB.511323.60	hypothetical protein, conserved	-0,1897	0,08119
TcCLB.506793.90	hypothetical protein, conserved	-0,1897	0,1048
TcCLB.506855.330	hypothetical protein, conserved	-0,1899	0,06894
TcCLB.508533.50	hypothetical protein, conserved	-0,19	0,01016
TcCLB.507675.39	hypothetical protein, conserved	-0,19	0,1144
TcCLB.510001.40	hypothetical protein, conserved	-0,19	0,1151
TcCLB.508347.24	hypothetical protein, conserved	-0,1901	0,2099
TcCLB.508221.650	trans-sialidase, Group V, putative	-0,1901	0,4615
TcCLB.450061.10	hypothetical protein, conserved	-0,1902	0,08136
TcCLB.509455.50	hypothetical protein, conserved	-0,1902	0,1163
TcCLB.506357.160	hypothetical protein, conserved	-0,1903	0,2515
TcCLB.511493.10	quiescin sulfhydryl oxidase, putative (QSOX)	-0,1904	0,128
TcCLB.508637.114	histone deacetylase 1, putative	-0,1904	0,2612
TcCLB.506131.151	elongation factor 1-gamma (EF-1-gamma, pseudogene),	-0,1905	0,6996
TcCLB.511435.30	MORN repeat-containing protein	-0,1906	0,05228
TcCLB.509363.31	hypothetical protein	-0,1906	0,5747
TcCLB.511901.20	hypothetical protein, conserved	-0,1907	0,03848
TcCLB.511179.130	hypothetical protein, conserved	-0,1907	0,08402
TcCLB.509669.40	Zn-finger protein, putative	-0,1909	0,01231
TcCLB.511715.90	hypothetical protein, conserved	-0,1909	0,1002
TcCLB.509805.30	hypothetical protein, conserved	-0,1909	0,208
TcCLB.511165.70	proteasome alpha 7 subunit, putative	-0,191	0,08757
TcCLB.507899.5	trans-sialidase (pseudogene), putative	-0,191	0,1072
TcCLB.506525.130	mitochondrial carrier protein, putative	-0,191	0,1283
TcCLB.506885.354	hypothetical protein, conserved	-0,1911	0,3414
TcCLB.508277.70	hypothetical protein, conserved	-0,1912	0,1204
TcCLB.504035.60	hypothetical protein, conserved	-0,1912	0,2012
TcCLB.510043.50	hypothetical protein, conserved	-0,1913	0,0171
TcCLB.507093.280	hypothetical protein	-0,1913	0,0202
TcCLB.506529.280	hypothetical protein, conserved	-0,1914	0,1318
TcCLB.507691.40	trans-sialidase (pseudogene), putative	-0,1915	0,1432
TcCLB.510321.10	RNA polymerase-associated protein CTR9, putative	-0,1915	0,1879
TcCLB.511891.10	trans-sialidase, Group II, putative	-0,1916	0,1741
TcCLB.506947.90	adenylate kinase, putative	-0,1917	0,1347
TcCLB.510065.60	hypothetical protein, conserved	-0,1919	0,2174
TcCLB.508209.110	hypothetical protein, conserved	-0,192	0,02368
TcCLB.506519.110	hypothetical protein, conserved	-0,1921	0,08145
TcCLB.509007.20	hypothetical protein, conserved	-0,1922	0,06641
TcCLB.511715.70	hypothetical protein, conserved	-0,1922	0,1064

TcCLB.506363.130	hypothetical protein, conserved	-0,1923	0,1368
TcCLB.504149.50	hypothetical protein, conserved	-0,1924	0,0313
TcCLB.506715.20	Lys-63-specific deubiquitinase BRCC36, putative	-0,1924	0,252
TcCLB.511751.220	hypothetical protein, conserved	-0,1926	0,06259
TcCLB.509633.20	hypothetical protein, conserved	-0,1926	0,06796
TcCLB.507963.50	nuclear cap binding complex subunit CBP30, putative (CBF	-0,1926	0,1095
TcCLB.510329.170	hypothetical protein, conserved	-0,1929	0,03881
TcCLB.503999.40	hypothetical protein, conserved	-0,1929	0,05445
TcCLB.509119.39	dynein heavy chain, putative	-0,1929	0,313
TcCLB.510989.20	hypothetical protein, conserved	-0,193	0,09695
TcCLB.508045.20	hypothetical protein, conserved	-0,1933	0,08576
TcCLB.509551.140	hypothetical protein, conserved	-0,1934	0,05267
TcCLB.506743.120	Elongator-like Protein 3a, putative	-0,1934	0,07912
TcCLB.511643.61	elongation factor 1-gamma (EF-1-gamma, pseudogene),	-0,1934	0,2294
TcCLB.508543.10	DNA polymerase sigma, putative	-0,1936	0,02428
TcCLB.504427.280	hypothetical protein, conserved	-0,1936	0,08473
TcCLB.510729.119	hypothetical protein, conserved	-0,1936	0,1999
TcCLB.506679.10	hypothetical protein, conserved	-0,1936	0,2912
TcCLB.509003.50	hypothetical protein, conserved	-0,1936	0,295
TcCLB.508989.80	hypothetical protein	-0,1937	0,03101
TcCLB.506319.70	hypothetical protein	-0,1939	0,6211
TcCLB.507927.40	hypothetical protein, conserved	-0,1941	0,02907
TcCLB.511153.144	hypothetical protein, conserved	-0,1941	0,3988
TcCLB.507969.20	hypothetical protein, conserved	-0,1943	0,1625
TcCLB.506181.120	hypothetical protein, conserved	-0,1943	0,3086
TcCLB.503435.30	hypothetical protein, conserved	-0,1945	0,03525
TcCLB.506525.120	hypothetical protein, conserved	-0,1945	0,3556
TcCLB.504129.20	hypothetical protein, conserved	-0,1946	0,01969
TcCLB.506435.390	metallo-peptidase, Clan MA(E) Family M41	-0,1946	0,05015
TcCLB.508917.20	hypothetical protein, conserved	-0,1946	0,1085
TcCLB.509023.209	hypothetical protein, conserved	-0,1949	0,06824
TcCLB.511277.20	DNA-directed RNA polymerase II/III subunit, putative	-0,195	0,1263
TcCLB.511491.100	phosphatase 2C, putative	-0,1952	0,07916
TcCLB.511231.14	hypothetical protein (fragment)	-0,1952	0,0826
TcCLB.506479.100	hypothetical protein, conserved	-0,1952	0,1411
TcCLB.503687.58	AMP deaminase, putative	-0,1953	0,2636
TcCLB.507023.130	hypothetical protein, conserved	-0,1955	0,1001
TcCLB.506145.10	hypothetical protein, conserved	-0,1959	0,01222
TcCLB.505097.49	expression site-associated gene (ESAG-like) protein, puta	-0,196	0,5616
TcCLB.507521.120	hypothetical protein, conserved	-0,1961	0,228
TcCLB.510099.90	tyrosine phosphatase isoform, putative	-0,1962	0,07177
TcCLB.506435.140	hypothetical protein, conserved	-0,1963	0,08167
TcCLB.506555.9	hypothetical protein, conserved (fragment)	-0,1963	0,1427
TcCLB.510409.60	hypothetical protein, conserved	-0,1967	0,06915
TcCLB.509693.194	hypothetical protein, conserved	-0,1967	0,432

TcCLB.504057.110	ribosomal RNA processing protein 6, putative (RRP6)	-0,1968	0,0317
TcCLB.508695.30	hypothetical protein (fragment)	-0,1972	0,148
TcCLB.504643.40	U6 snRNA-associated Sm-like protein LSm4, putative	-0,1972	0,1933
TcCLB.511423.60	ribosomal RNA-processing protein 8, putative (RRP8)	-0,1973	0,0869
TcCLB.506251.10	hypothetical protein, conserved	-0,1973	0,1312
TcCLB.508671.10	serine carboxypeptidase (CBP1), putative	-0,1973	0,1603
TcCLB.510297.110	cAMP binding protein, putative	-0,1974	0,01817
TcCLB.505939.60	ribonuclease H1, putative	-0,1975	0,1628
TcCLB.508265.4	synaptojanin (N-terminal domain), putative (fragment)	-0,1975	0,2373
TcCLB.508647.50	hypothetical protein, conserved (pseudogene)	-0,1976	0,02374
TcCLB.507963.10	hypothetical protein, conserved	-0,1976	0,2277
TcCLB.504187.10	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,1976	0,5338
TcCLB.507433.9	ATP-dependent DEAD/H DNA helicase recQ, putative (frag	-0,1977	0,0291
TcCLB.506871.10	hypothetical protein, conserved	-0,1977	0,09503
TcCLB.508707.160	hypothetical protein, conserved	-0,1977	0,135
TcCLB.506265.110	hypothetical protein, conserved	-0,1978	0,1319
TcCLB.511529.190	hypothetical protein, conserved	-0,1979	0,2428
TcCLB.504089.14	hypothetical protein, conserved	-0,198	0,03463
TcCLB.507949.154	TFIIH basal transcription factor subunit, putative (TSP1)	-0,198	0,1218
TcCLB.504021.140	hypothetical protein, conserved	-0,1981	0,04939
TcCLB.504009.30	hypothetical protein, conserved	-0,1981	0,07952
TcCLB.503563.20	ADG2, putative	-0,1982	0,09897
TcCLB.507099.20	hypothetical protein, conserved	-0,1983	0,04533
TcCLB.507963.60	hypothetical protein, conserved	-0,1983	0,2929
TcCLB.506881.10	hypothetical protein, conserved (pseudogene)	-0,1983	0,4817
TcCLB.488767.20	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,1984	0,1939
TcCLB.506577.140	hypothetical protein, conserved	-0,1984	0,2282
TcCLB.507685.10	hypothetical protein, conserved	-0,1985	0,1559
TcCLB.509741.50	kinesin-like protein (pseudogene), putative	-0,1985	0,2997
TcCLB.509637.18	hypothetical protein, conserved	-0,1986	0,1749
TcCLB.507811.44	phosphoglycerate mutase protein, putative	-0,1986	0,2118
TcCLB.510053.30	hypothetical protein, conserved	-0,1987	0,09789
TcCLB.508857.60	hypothetical protein, conserved	-0,1987	0,1483
TcCLB.507049.179	hypothetical protein, conserved	-0,1989	0,08787
TcCLB.503565.20	hypothetical protein, conserved	-0,1989	0,1058
TcCLB.506891.10	Metal-binding domain-containing protein	-0,1989	0,1382
TcCLB.508207.200	small GTP-binding protein, putative	-0,1991	0,06465
TcCLB.510643.20	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,1991	0,1818
TcCLB.506247.250	hypothetical protein, conserved	-0,1993	0,00836
TcCLB.509937.10	poly(A) polymerase, putative	-0,1995	0,1023
TcCLB.508325.20	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,1997	0,2941
TcCLB.506855.240	bilobe protein, conserved (pseudogene)	-0,1998	0,01002
TcCLB.506139.10	mucin-associated surface protein (MASP), putative	-0,1998	0,6373
TcCLB.510729.10	AMP deaminase, putative	-0,1999	0,07252
TcCLB.508629.63	ATP-dependent DEAD/H RNA helicase (pseudogene), puta	-0,2	0,4512



TcCLB.506275.30	hypothetical protein, conserved	-0,2002	0,2078
TcCLB.511435.10	WD40 repeat-containing protein	-0,2003	0,04654
TcCLB.506605.40	hypothetical protein, conserved	-0,2004	0,1056
TcCLB.509715.104	protein kinase, putative	-0,2006	0,05974
TcCLB.506647.20	hypothetical protein, conserved	-0,2007	0,05865
TcCLB.506519.100	hypothetical protein, conserved	-0,2007	0,2162
TcCLB.511283.50	hypothetical protein, conserved	-0,2008	0,2702
TcCLB.506435.130	hypothetical protein, conserved	-0,2009	0,08654
TcCLB.504057.11	phospholipid-translocating ATPase, putative	-0,2011	0,03177
TcCLB.507677.10	hypothetical protein, conserved	-0,2012	0,0625
TcCLB.506529.30	hypothetical protein, conserved	-0,2012	0,2566
TcCLB.509105.20	palmitoyl acyltransferase 2, putative	-0,2013	0,1401
TcCLB.506113.50	ATP-dependent DEAD/H RNA helicase (pseudogene), puta	-0,2014	0,4156
TcCLB.508235.10	hypothetical protein, conserved (pseudogene)	-0,2015	0,1178
TcCLB.509965.150	hypothetical protein, conserved	-0,2016	0,1253
TcCLB.508777.70	hypothetical protein, conserved	-0,202	0,1015
TcCLB.510835.20	hypothetical protein, conserved	-0,2021	0,08877
TcCLB.511033.10	hypothetical protein, conserved	-0,2022	0,0923
TcCLB.507233.60	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,2022	0,108
TcCLB.510777.29	eukaryotic translation initiation factor 4E, putative	-0,2022	0,2871
TcCLB.463155.40	glycine dehydrogenase [decarboxylating] (pseudogene), pi	-0,2023	0,1349
TcCLB.504127.10	surface protease GP63 (pseudogene), putative	-0,2023	0,4374
TcCLB.412943.9	hypothetical protein, conserved	-0,2024	0,1995
TcCLB.511109.50	hypothetical protein, conserved (pseudogene)	-0,2026	0,1651
TcCLB.503487.40	hypothetical protein, conserved	-0,2027	0,03811
TcCLB.453995.10	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,2027	0,1262
TcCLB.508465.50	hypothetical protein, conserved	-0,2028	0,1043
TcCLB.508425.31	hypothetical protein, conserved (pseudogene)	-0,2028	0,1279
TcCLB.504081.310	syntaxin binding protein (pseudogene), putative	-0,2029	0,5561
TcCLB.511661.10	hypothetical protein, conserved	-0,2031	0,02596
TcCLB.510879.210	hypothetical protein, conserved	-0,2031	0,1381
TcCLB.510055.100	hypothetical protein, conserved	-0,2033	0,0422
TcCLB.504017.60	hypothetical protein, conserved	-0,2033	0,1269
TcCLB.507723.20	hypothetical protein	-0,2033	0,4684
TcCLB.510377.300	trans-sialidase (pseudogene), putative	-0,2034	0,4634
TcCLB.505807.260	hypothetical protein, conserved	-0,2037	0,1001
TcCLB.504131.80	hypothetical protein, conserved	-0,2038	0,1322
TcCLB.504247.70	AATF protein, putative (pseudogene)	-0,2038	0,1482
TcCLB.507163.80	hypothetical protein, conserved	-0,2038	0,2049
TcCLB.508719.9	hypothetical protein, conserved	-0,2039	0,0154
TcCLB.506883.40	Lsm12 protein, putative	-0,204	0,06881
TcCLB.506301.20	Golgi reassembly stacking protein (GRASP homologue), pi	-0,204	0,1002
TcCLB.511153.60	palmitoyl acyltransferase 9, putative	-0,204	0,1228
TcCLB.505955.30	surface protease GP63 (pseudogene), putative	-0,2041	0,3183
TcCLB.510285.30	hypothetical protein, conserved	-0,2044	0,06378

TcCLB.511855.40	hypothetical protein, conserved	-0,2044	0,1041
TcCLB.510719.290	Golgi SNAP receptor complex member 1, putative	-0,2044	0,1339
TcCLB.506923.10	trans-sialidase (pseudogene), putative	-0,2044	0,3364
TcCLB.506729.70	hypothetical protein, conserved	-0,2045	0,09652
TcCLB.506435.220	hypothetical protein, conserved	-0,2045	0,1852
TcCLB.507925.69	hypothetical protein, conserved	-0,2045	0,193
TcCLB.508193.45	trans-sialidase (pseudogene), putative	-0,2045	0,2419
TcCLB.511283.230	hypothetical protein, conserved	-0,2046	0,01507
TcCLB.510433.10	hypothetical protein	-0,2047	0,05865
TcCLB.503519.30	mucin-associated surface protein (MASP), putative	-0,2047	0,3462
TcCLB.510749.50	Flagellar Member 5 (FLAM5)	-0,2048	0,07965
TcCLB.508999.49	hypothetical protein	-0,2048	0,5806
TcCLB.508977.111	elongation factor 1-gamma (EF-1-gamma, pseudogene),	-0,2049	0,4066
TcCLB.508693.30	hypothetical protein, conserved	-0,205	0,0384
TcCLB.509203.30	hd phosphohydrolase family protein	-0,2053	0,2518
TcCLB.507239.10	hypothetical protein, conserved	-0,2053	0,2842
TcCLB.508153.850	hypothetical protein, conserved	-0,2054	0,03873
TcCLB.508387.130	ATPase, putative	-0,2055	0,07351
TcCLB.504625.10	trans-splicing factor, putative	-0,2056	0,08637
TcCLB.511183.170	trans-sialidase (pseudogene), putative	-0,2056	0,4571
TcCLB.511517.80	replication factor C, subunit 2, putative	-0,2058	0,07782
TcCLB.510243.70	hypothetical protein, conserved	-0,206	0,02239
TcCLB.511423.110	hypothetical protein, conserved	-0,206	0,08197
TcCLB.416143.10	Lys-63-specific deubiquitinase BRCC36, putative	-0,2062	0,03542
TcCLB.508951.4	protein kinase, putative (fragment)	-0,2062	0,4038
TcCLB.503811.20	U3 small nucleolar ribonucleoprotein protein MPP10, puta	-0,2063	0,03547
TcCLB.510747.120	hypothetical protein, conserved	-0,2063	0,05832
TcCLB.506517.140	hypothetical protein, conserved	-0,2063	0,06816
TcCLB.401473.9	DNA-directed rna polymerase I largest subunit, putative	-0,2064	0,1762
TcCLB.506559.280	hypothetical protein, conserved	-0,2066	0,02204
TcCLB.506989.180	U3 small nucleolar ribonucleoprotein protein MPP10, puta	-0,2067	0,03894
TcCLB.508579.10	hypothetical protein, conserved	-0,2069	0,1737
TcCLB.506511.10	hypothetical protein, conserved	-0,2069	0,2514
TcCLB.503821.19	hypothetical protein, conserved	-0,207	0,1263
TcCLB.508995.50	hypothetical protein, conserved	-0,2071	0,1242
TcCLB.511001.70	phosphatidylinositol-4-phosphate 5-kinase-like, putative	-0,2072	0,02272
TcCLB.506579.10	ABC transporter, putative	-0,2072	0,02609
TcCLB.508153.940	hypothetical protein, conserved (pseudogene)	-0,2073	0,009475
TcCLB.511585.170	protein kinase, putative	-0,2074	0,02112
TcCLB.509229.40	hypothetical protein, conserved	-0,2074	0,03192
TcCLB.509733.80	hypothetical protein, conserved	-0,2074	0,1001
TcCLB.510901.90	ATPase protein, putative	-0,2074	0,1244
TcCLB.504073.20	hypothetical protein, conserved	-0,2076	0,05645
TcCLB.508529.40	trans-sialidase (pseudogene), putative	-0,2076	0,1052
TcCLB.506123.20	hypothetical protein, conserved	-0,2076	0,138

TcCLB.511397.10	mucin-associated surface protein (MASP, pseudogene), pu	-0,2076	0,5274
TcCLB.504625.70	kinetoplast DNA-associated protein, putative	-0,2077	0,03089
TcCLB.506855.100	hypothetical protein, conserved	-0,2077	0,1241
TcCLB.508153.910	hypothetical protein, conserved	-0,2077	0,1343
TcCLB.509567.34	hypothetical protein, conserved	-0,2078	0,08413
TcCLB.503779.80	hypothetical protein, conserved (pseudogene)	-0,208	0,04482
TcCLB.509433.30	hypothetical protein	-0,208	0,3031
TcCLB.509179.140	myo-inositol-1(or 4)-monophosphatase 1, putative	-0,2081	0,2254
TcCLB.506947.20	hypothetical protein, conserved	-0,2082	0,04334
TcCLB.510877.70	ATP-dependent RNA and DNA helicase, mitochondrial, pu	-0,2083	0,04367
TcCLB.506407.110	hypothetical protein, conserved	-0,2083	0,2035
TcCLB.508277.150	proliferative cell nuclear antigen (PCNA), putative	-0,2084	0,008141
TcCLB.507023.160	hypothetical protein, conserved	-0,2085	0,007245
TcCLB.504109.20	hypothetical protein, conserved	-0,2085	0,02932
TcCLB.511903.160	phosphatidylinositol 3-kinase vps34-like	-0,2086	0,01386
TcCLB.503723.90	glyceraldehyde 3-phosphate dehydrogenase, C-terminal d	-0,2086	0,4282
TcCLB.511179.120	hypothetical protein, conserved	-0,2087	0,142
TcCLB.406377.10	hypothetical protein, conserved (pseudogene)	-0,2087	0,3126
TcCLB.510659.70	protein kinase-like protein, putative	-0,2088	0,05603
TcCLB.511667.10	hypothetical protein, conserved	-0,2089	0,5005
TcCLB.510943.150	glycerol-3-phosphate acyltransferase, putative	-0,209	0,1057
TcCLB.503917.28	hypothetical protein, conserved	-0,2091	0,0311
TcCLB.509965.60	RNA decapping enzyme, putative (Dcp2)	-0,2091	0,1598
TcCLB.506667.20	hypothetical protein	-0,2092	0,6168
TcCLB.510945.40	hypothetical protein, conserved	-0,2093	0,04054
TcCLB.510351.110	hypothetical protein	-0,2093	0,05582
TcCLB.508303.44	hypothetical protein, conserved	-0,2093	0,1726
TcCLB.510187.130	Bardet-Biedl syndrome 4 protein, putative (BBS4)	-0,2094	0,05236
TcCLB.511137.20	hypothetical protein, conserved	-0,2094	0,1271
TcCLB.503399.20	hydrolase, alpha/beta fold family, putative	-0,2095	0,165
TcCLB.510761.22	hypothetical protein, conserved	-0,2097	0,04105
TcCLB.510655.110	poly(A)-specific ribonuclease PARN, putative	-0,21	0,04671
TcCLB.510911.30	Ras-related protein Rab4, putative (RAB4)	-0,2101	0,04049
TcCLB.506287.80	hypothetical protein, conserved	-0,2102	0,0784
TcCLB.508675.40	hypothetical protein, conserved	-0,2103	0,06561
TcCLB.507041.132	hypothetical protein (fragment)	-0,2103	0,3147
TcCLB.511407.20	hypothetical protein, conserved	-0,2105	0,09734
TcCLB.511285.30	hypothetical protein, conserved	-0,2105	0,1127
TcCLB.508057.41	trans-sialidase (pseudogene), putative	-0,2105	0,4765
TcCLB.507661.10	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,2105	0,6739
TcCLB.511169.29	tubulin-tyrsoine ligase-like protein, putative	-0,2106	0,01525
TcCLB.511751.144	hypothetical protein, conserved	-0,2106	0,03415
TcCLB.508173.84	hypothetical protein, conserved	-0,2106	0,06288
TcCLB.511211.10	hypothetical protein, conserved	-0,2108	0,1204
TcCLB.504449.30	hypothetical protein, conserved	-0,2109	0,008533

TcCLB.508153.240	hypothetical protein, conserved	-0,2109	0,05837
TcCLB.511261.80	hypothetical protein, conserved	-0,211	0,03015
TcCLB.511003.90	hypothetical protein, conserved	-0,2111	0,04973
TcCLB.509797.69	hypothetical protein, conserved (fragment)	-0,2111	0,05914
TcCLB.510431.240	hypothetical protein, conserved	-0,2111	0,06494
TcCLB.506703.30	mucin TcMUCII (pseudogene), putative	-0,2111	0,5821
TcCLB.509941.120	protein kinase, putative	-0,2112	0,05874
TcCLB.511309.14	hypothetical protein, conserved	-0,2113	0,3329
TcCLB.511821.50	hypothetical protein, conserved	-0,2115	0,1094
TcCLB.509227.20	mucin-associated surface protein (MASP, pseudogene), p	-0,2117	0,02463
TcCLB.507809.130	hypothetical protein, conserved	-0,2118	0,01538
TcCLB.506593.10	hypothetical protein, conserved	-0,212	0,2117
TcCLB.508979.15	mucin-associated surface protein (MASP, pseudogene), p	-0,2122	0,6948
TcCLB.506625.140	hypothetical protein, conserved	-0,2124	0,08179
TcCLB.511215.70	kinesin, putative	-0,2124	0,08593
TcCLB.509353.40	PTP1-interacting protein, 39 kDa, putative	-0,2125	0,03638
TcCLB.510983.19	retrotransposon hot spot (RHS) protein, putative	-0,2125	0,1397
TcCLB.505925.10	trans-sialidase, putative (fragment)	-0,2125	0,2833
TcCLB.503949.40	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, p	-0,2129	0,1364
TcCLB.510729.130	DNA replication licensing factor MCM9, putative	-0,213	0,04263
TcCLB.503789.70	hypothetical protein, conserved	-0,2131	0,02818
TcCLB.510077.30	Mitogen-activated kinase kinase kinase, putative	-0,2131	0,2404
TcCLB.507049.110	hypothetical protein, conserved	-0,2132	0,2319
TcCLB.504881.30	hypothetical protein, conserved	-0,2133	0,0007415
TcCLB.510329.190	hypothetical protein, conserved	-0,2134	0,02147
TcCLB.507029.10	hypothetical protein, conserved	-0,2134	0,07802
TcCLB.508303.30	hypothetical protein, conserved	-0,2135	0,1607
TcCLB.506459.30	trans-sialidase (pseudogene), putative	-0,2137	0,1711
TcCLB.511367.40	hypothetical protein	-0,2137	0,4975
TcCLB.503891.30	phosphatidylinositol-4-phosphate 5-kinase, putative	-0,2138	0,1146
TcCLB.508323.40	hypothetical protein, conserved	-0,2138	0,1778
TcCLB.506181.110	hypothetical protein, conserved	-0,2141	0,279
TcCLB.507641.70	hypothetical protein, conserved	-0,2143	0,0567
TcCLB.506559.460	hypothetical protein	-0,2144	0,07265
TcCLB.504643.20	hypothetical protein, conserved	-0,2144	0,1211
TcCLB.506297.30	hypothetical protein, conserved	-0,2145	0,004966
TcCLB.511217.190	hypothetical protein, conserved	-0,2146	0,3925
TcCLB.511127.400	serine/threonine protein phosphatase, putative	-0,2147	0,04986
TcCLB.511727.110	hypothetical protein, conserved	-0,2147	0,05264
TcCLB.510889.270	hypothetical protein, conserved	-0,2148	0,09692
TcCLB.509067.14	hypothetical protein, conserved	-0,2148	0,1993
TcCLB.508593.69	hypothetical protein, conserved	-0,2148	0,2705
TcCLB.510045.30	protein kinase, putative	-0,2149	0,09762
TcCLB.507063.60	hypothetical protein, conserved	-0,2149	0,6021
TcCLB.506957.70	hypothetical protein, conserved	-0,215	0,0478

TcCLB.510363.250	trans-sialidase, Group V, putative	-0,215	0,5386
TcCLB.507521.140	hypothetical protein, conserved	-0,2152	0,01112
TcCLB.506515.20	O-sialoglycoprotein endopeptidase, putative	-0,2152	0,06299
TcCLB.507099.140	endomembrane protein, putative	-0,2153	0,007988
TcCLB.511517.130	hypothetical protein, conserved	-0,2153	0,07042
TcCLB.510699.27	elongation factor 1-gamma (EF-1-gamma, pseudogene),	-0,2153	0,6425
TcCLB.511725.200	hypothetical protein, conserved	-0,2156	0,03353
TcCLB.503799.4	protein kinase, putative (fragment)	-0,216	0,1957
TcCLB.506857.90	proteasome regulatory ATPase subunit 1, putative	-0,2161	0,01241
TcCLB.510943.140	DNA primase large subunit, putative (pril)	-0,2161	0,02624
TcCLB.506537.71	hypothetical protein, conserved (pseudogene)	-0,2164	0,06807
TcCLB.511287.140	hypothetical protein, conserved	-0,2165	0,02033
TcCLB.508213.49	hypothetical protein, conserved	-0,2165	0,1975
TcCLB.510953.30	hypothetical protein, conserved	-0,2166	0,05527
TcCLB.509453.4	hypothetical protein, conserved	-0,2167	0,1168
TcCLB.511575.60	isocitrate dehydrogenase [NADP], mitochondrial precursor	-0,2168	0,1353
TcCLB.510823.50	hypothetical protein, conserved	-0,2169	0,03242
TcCLB.510105.33	RNA-binding protein, putative	-0,2169	0,361
TcCLB.509791.110	hypothetical protein, conserved	-0,217	0,04393
TcCLB.511731.40	hypothetical protein, conserved	-0,217	0,04538
TcCLB.510075.60	hypothetical protein	-0,2171	0,201
TcCLB.503851.24	protein tyrosine phosphatase PRL	-0,2171	0,262
TcCLB.511127.380	hypothetical protein, conserved	-0,2172	0,005688
TcCLB.511395.90	serine/threonine protein kinase, putative	-0,2172	0,03482
TcCLB.506945.180	hypothetical protein, conserved	-0,2173	0,00879
TcCLB.504243.30	hypothetical protein, conserved	-0,2173	0,01743
TcCLB.511289.50	mitogen-activated protein kinase 9, putative (MPK9)	-0,2173	0,05527
TcCLB.508893.20	hypothetical protein, conserved	-0,2176	0,0104
TcCLB.506629.170	hypothetical protein	-0,2176	0,3265
TcCLB.511613.50	mucin TcMUCII, putative	-0,2176	0,4824
TcCLB.511825.110	hypothetical protein	-0,2176	0,5734
TcCLB.506853.20	hypothetical protein, conserved	-0,2177	0,02339
TcCLB.506713.10	hypothetical protein, conserved	-0,2178	0,1123
TcCLB.506245.80	hypothetical protein, conserved (pseudogene)	-0,2178	0,357
TcCLB.506737.140	syntaxin binding protein 1, putative	-0,218	0,00701
TcCLB.399033.10	hypothetical protein	-0,218	0,24
TcCLB.507625.190	hypothetical protein, conserved	-0,2184	0,0549
TcCLB.507769.50	ATP-dependent DEAD/H RNA helicase (pseudogene), puta	-0,2184	0,2248
TcCLB.506797.110	hypothetical protein, conserved	-0,2184	0,2249
TcCLB.507509.70	hypothetical protein, conserved	-0,2185	0,05811
TcCLB.507615.60	hypothetical protein, conserved	-0,2185	0,1177
TcCLB.508641.310	hypothetical protein, conserved	-0,2187	0,01925
TcCLB.508405.30	Suppressor of G2 allele of SKP1, putative	-0,2188	0,09632
TcCLB.505983.30	hypothetical protein, conserved	-0,219	0,01032
TcCLB.511727.240	hypothetical protein	-0,219	0,03613

TcCLB.510257.120	hypothetical protein, conserved	-0,2192	0,05175
TcCLB.506513.120	hypothetical protein, conserved	-0,2193	0,02895
TcCLB.507019.110	hypothetical protein	-0,2193	0,1775
TcCLB.507395.30	hypothetical protein	-0,2193	0,2567
TcCLB.508693.90	peroxisome biogenesis factor 1, putative	-0,2195	0,01036
TcCLB.509757.40	hypothetical protein, conserved	-0,2196	0,2019
TcCLB.506945.359	damage-specific DNA binding protein, putative	-0,2198	0,04105
TcCLB.508851.154	hypothetical protein, conserved	-0,2201	0,3443
TcCLB.511217.180	hypothetical protein, conserved	-0,2202	0,03242
TcCLB.508465.80	hypothetical protein, conserved	-0,2202	0,1639
TcCLB.506661.110	hypothetical protein, conserved	-0,2205	0,008167
TcCLB.508781.70	palmitoyl acyltransferase 3, putative	-0,2205	0,04441
TcCLB.511735.60	superoxide dismutase, putative	-0,2205	0,06754
TcCLB.506925.40	RNA polymerase I second largest subunit, putative	-0,2206	0,003252
TcCLB.510889.205	hypothetical protein, conserved	-0,2206	0,0678
TcCLB.505183.124	hypothetical protein, conserved	-0,2206	0,09107
TcCLB.510297.20	hypothetical protein, conserved	-0,2207	0,02893
TcCLB.507913.39	glutaminyl-tRNA synthetase, putative	-0,2208	0,1404
TcCLB.504741.190	hypothetical protein, conserved	-0,2211	0,1755
TcCLB.509993.51	mucin-associated surface protein (MASP, pseudogene), pu	-0,2211	0,4973
TcCLB.504155.200	syntaxin binding protein (pseudogene), putative	-0,2211	0,6662
TcCLB.511649.169	ATP-dependent DEAD/H RNA helicase, putative	-0,2212	0,04307
TcCLB.506053.35	hypothetical protein, conserved (pseudogene)	-0,2212	0,1227
TcCLB.507017.159	hypothetical protein, conserved	-0,2213	0,1427
TcCLB.507027.30	hypothetical protein, conserved (pseudogene)	-0,2214	0,009003
TcCLB.507103.29	hypothetical protein, conserved (fragment)	-0,2215	0,128
TcCLB.506459.195	hypothetical protein, conserved	-0,2216	0,5104
TcCLB.508989.90	Eukaryotic translation initiation factor 4 gamma type 5, pu	-0,2217	0,008115
TcCLB.504703.20	hypothetical protein, conserved	-0,2217	0,02366
TcCLB.509647.140	hypothetical protein, conserved	-0,2218	0,02354
TcCLB.510089.39	CAAX amino terminal protease, putative	-0,2218	0,1754
TcCLB.511577.110	exopolyphosphatase	-0,2218	0,1872
TcCLB.503959.60	hypothetical protein, conserved	-0,2219	0,02545
TcCLB.506341.30	beta galactofuranosyl glycosyltransferase, putative	-0,222	0,04198
TcCLB.510653.10	hypothetical protein, conserved	-0,222	0,1889
TcCLB.506297.300	eukaryotic release factor 3, putative	-0,2223	0,005144
TcCLB.509721.20	hypothetical protein, conserved	-0,2225	0,07003
TcCLB.508625.60	hypothetical protein, conserved	-0,2225	0,113
TcCLB.506795.100	hypothetical protein	-0,2225	0,4365
TcCLB.511301.130	protein kinase, putative	-0,2226	0,1085
TcCLB.504741.30	protein phosphatase 2C, putative	-0,2226	0,1098
TcCLB.510487.30	hypothetical protein, conserved (pseudogene)	-0,2227	0,1923
TcCLB.506529.200	hypothetical protein, conserved	-0,2229	0,03543
TcCLB.510575.180	adenylate kinase, putative	-0,2229	0,08207
TcCLB.510311.50	hypothetical protein, conserved	-0,2231	0,004323

TcCLB.506175.40	hypothetical protein, conserved	-0,2232	0,02891
TcCLB.510749.40	ubiquitin hydrolase, putative	-0,2232	0,3523
TcCLB.504005.29	hypothetical protein, conserved	-0,2233	0,1651
TcCLB.506957.130	hypothetical protein, conserved	-0,2234	0,04947
TcCLB.507083.30	apurinic/aprimidinic endonuclease, putative	-0,2234	0,06827
TcCLB.511629.20	hypothetical protein, conserved	-0,2236	0,09429
TcCLB.507941.40	hypothetical protein, conserved	-0,2237	0,04959
TcCLB.506009.100	ADP-ribosylation factor-like protein, putative	-0,2239	0,1015
TcCLB.506955.261	hypothetical protein, conserved (pseudogene)	-0,2239	0,4187
TcCLB.510901.260	tRNA pseudouridine synthase (pseudogene), putative	-0,224	0,09213
TcCLB.510199.20	elongation factor 1-gamma (EF-1-gamma, pseudogene),	-0,224	0,5483
TcCLB.510329.100	leucine-rich repeat protein, putative	-0,2242	0,04058
TcCLB.508909.150	hypothetical protein, conserved	-0,2242	0,2658
TcCLB.508675.60	hypothetical protein, conserved	-0,2243	0,03516
TcCLB.506297.340	hypothetical protein, conserved	-0,2243	0,0448
TcCLB.506335.80	hypothetical protein	-0,2243	0,6038
TcCLB.509007.10	hypothetical protein, conserved	-0,2246	0,03635
TcCLB.508789.204	mucin-associated surface protein (MASP, pseudogene), pi	-0,2247	0,5082
TcCLB.506195.90	adenylate kinase 2	-0,2248	0,03458
TcCLB.508153.70	hypothetical protein, conserved	-0,2249	0,08451
TcCLB.506221.90	hypothetical protein, conserved	-0,225	0,0181
TcCLB.508317.40	hypothetical protein, conserved	-0,225	0,2236
TcCLB.511233.100	NUDIX hydrolase 3, putative (Nudix3)	-0,2255	0,1359
TcCLB.507949.260	Cell cycle checkpoint protein RAD1-like, putative	-0,2255	0,1807
TcCLB.507007.90	hypothetical protein, conserved	-0,2256	0,1272
TcCLB.511563.30	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,2256	0,5775
TcCLB.508475.40	hypothetical protein	-0,2259	0,2291
TcCLB.511127.260	DNA photolyase, putative	-0,2264	0,01905
TcCLB.507925.10	hypothetical protein, conserved (pseudogene)	-0,2264	0,3718
TcCLB.506263.49	hypothetical protein, conserved (fragment)	-0,2265	0,1361
TcCLB.503583.90	hydrogenase, putative	-0,2266	0,04815
TcCLB.504125.80	hypothetical protein, conserved	-0,2269	0,01878
TcCLB.510103.10	hypothetical protein	-0,227	0,1569
TcCLB.510517.70	hypothetical protein, conserved	-0,2271	0,008287
TcCLB.509561.80	plectin-like protein, putative	-0,2272	0,06031
TcCLB.506825.80	hypothetical protein, conserved	-0,2273	0,006433
TcCLB.510315.20	mitochondrial carrier protein, putative	-0,2273	0,06332
TcCLB.508963.20	small GTP-binding protein Rab18, putative	-0,2273	0,06726
TcCLB.509643.20	hypothetical protein, conserved	-0,2275	0,03362
TcCLB.508815.50	hypothetical protein, conserved	-0,2277	0,06865
TcCLB.506435.10	hypothetical protein, conserved	-0,2277	0,1448
TcCLB.506649.60	hypothetical protein, conserved	-0,228	0,0212
TcCLB.503727.20	hypothetical protein, conserved	-0,2281	0,01864
TcCLB.405165.10	hypothetical protein, conserved	-0,2281	0,1299
TcCLB.506303.130	hypothetical protein, conserved	-0,2282	0,0242

TcCLB.510187.490	hypothetical protein, conserved	-0,2282	0,1203
TcCLB.506009.109	hypothetical protein, conserved	-0,2284	0,1753
TcCLB.508307.160	hypothetical protein, conserved	-0,2286	0,01576
TcCLB.509767.200	hypothetical protein, conserved	-0,2286	0,05832
TcCLB.506753.200	hypothetical protein, conserved	-0,2287	0,02994
TcCLB.506559.500	hypothetical protein, conserved	-0,2287	0,03125
TcCLB.508737.20	hypothetical protein	-0,229	0,1324
TcCLB.508647.90	hypothetical protein, conserved	-0,2291	0,1135
TcCLB.511019.26	trans-sialidase (pseudogene), putative	-0,2292	0,1027
TcCLB.511859.180	proteasome regulatory ATPase subunit 2, putative	-0,2293	0,009392
TcCLB.511283.194	hypothetical protein, conserved	-0,2293	0,04991
TcCLB.452895.10	hypothetical protein, conserved	-0,2293	0,1335
TcCLB.507949.110	zeta tubulin, putative	-0,2294	0,03525
TcCLB.509797.9	hypothetical protein, conserved (pseudogene)	-0,2295	0,05319
TcCLB.505999.130	phosphatidylinositol-4-phosphate 5-kinase related	-0,2296	0,1001
TcCLB.506633.30	hypothetical protein, conserved	-0,2297	0,04369
TcCLB.509543.40	hypothetical protein, conserved	-0,2297	0,04486
TcCLB.511643.20	dihydroorotate dehydrogenase, putative (DHODH)	-0,2297	0,0546
TcCLB.506821.120	hypothetical protein, conserved	-0,2297	0,0923
TcCLB.506253.30	hypothetical protein	-0,2297	0,4321
TcCLB.504101.40	trans-sialidase (pseudogene), putative	-0,2299	0,04088
TcCLB.506581.40	hypothetical protein, conserved	-0,23	0,03406
TcCLB.508723.70	hypothetical protein, conserved	-0,2301	0,004881
TcCLB.503473.20	hypothetical protein, conserved	-0,2301	0,07658
TcCLB.511559.40	hypothetical protein, conserved	-0,2302	0,03624
TcCLB.503723.50	hypothetical protein, conserved	-0,2304	0,0166
TcCLB.506933.89	calmodulin, putative	-0,2305	0,08695
TcCLB.511647.30	meiotic recombination protein SPO11, putative	-0,2305	0,2528
TcCLB.506737.100	hypothetical protein, conserved	-0,2306	0,06555
TcCLB.509791.50	bilobe protein, conserved	-0,2307	0,04887
TcCLB.509937.190	hypothetical protein, conserved	-0,2308	0,02368
TcCLB.511517.20	hypothetical protein, conserved	-0,2308	0,04387
TcCLB.510819.10	Eukaryotic translation initiation factor 4 gamma type 1, pu	-0,2309	0,04418
TcCLB.511299.79	oxidoreductase, putative (fragment)	-0,2309	0,09923
TcCLB.506295.50	hypothetical protein, conserved	-0,2309	0,2107
TcCLB.507877.5	elongation factor 1-gamma (EF-1-gamma, pseudogene),	-0,2309	0,5494
TcCLB.507945.10	ATP-dependent RNA helicase, putative	-0,2312	0,02006
TcCLB.508181.50	hypothetical protein, conserved	-0,2312	0,08916
TcCLB.506927.10	hypothetical protein, conserved (pseudogene)	-0,2312	0,2161
TcCLB.506303.10	hypothetical protein, conserved	-0,2313	0,006661
TcCLB.507467.20	hypothetical protein, conserved	-0,2313	0,04796
TcCLB.506207.10	hypothetical protein, conserved	-0,2313	0,1213
TcCLB.507729.30	trans-sialidase (pseudogene), putative	-0,2314	0,2262
TcCLB.509669.100	hypothetical protein, conserved	-0,2315	0,06688
TcCLB.508625.70	mRNA capping methyltransferase, putative	-0,2315	0,1214



TcCLB.509247.30	hypothetical protein, conserved	-0,2316	0,00513
TcCLB.508707.234	hypothetical protein, conserved	-0,2317	0,09715
TcCLB.511381.19	hypothetical protein, conserved (fragment)	-0,2319	0,03087
TcCLB.430281.10	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,2321	0,3657
TcCLB.503697.100	hypothetical protein, conserved	-0,2322	0,009833
TcCLB.509579.30	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,2322	0,07712
TcCLB.508709.10	hypothetical protein, conserved	-0,2322	0,1286
TcCLB.506935.10	hypothetical protein, conserved	-0,2325	0,02064
TcCLB.510329.280	protein farnesyltransferase alpha subunit, putative	-0,2326	0,01417
TcCLB.509561.39	hypothetical protein, conserved	-0,2326	0,0555
TcCLB.508461.270	rab7 GTP binding protein, putative	-0,2327	0,006778
TcCLB.508737.194	ARP2/3 complex subunit, putative	-0,2327	0,1069
TcCLB.508173.90	hypothetical protein, conserved	-0,2327	0,1203
TcCLB.503803.20	hypothetical protein, conserved	-0,2327	0,1292
TcCLB.506605.80	hypothetical protein, conserved	-0,2329	0,054
TcCLB.510517.50	hypothetical protein, conserved	-0,2331	0,01668
TcCLB.509875.250	hypothetical protein, conserved	-0,2333	0,08551
TcCLB.511199.9	ATP-dependent RNA helicase FAL1, putative (fragment)	-0,2334	0,1363
TcCLB.506727.20	hypothetical protein, conserved	-0,2335	0,02534
TcCLB.416041.14	trans-sialidase, putative (fragment)	-0,2335	0,03614
TcCLB.507967.4	hypothetical protein, conserved	-0,2335	0,171
TcCLB.507001.4	hypothetical protein, conserved	-0,2336	0,3227
TcCLB.506691.60	hypothetical protein, conserved	-0,2337	0,1075
TcCLB.511903.70	hypothetical protein, conserved	-0,2337	0,1231
TcCLB.506559.510	hypothetical protein, conserved	-0,2337	0,1321
TcCLB.503513.20	hypothetical protein	-0,2338	0,08998
TcCLB.506979.59	hypothetical protein, conserved	-0,2339	0,1215
TcCLB.510575.30	hypothetical protein, conserved	-0,234	0,03577
TcCLB.506737.50	hypothetical protein, conserved	-0,2342	0,08705
TcCLB.506767.310	trans-sialidase (pseudogene), putative	-0,2342	0,259
TcCLB.507099.40	hypothetical protein, conserved	-0,2343	0,001025
TcCLB.509567.4	hypothetical protein, conserved	-0,2343	0,06613
TcCLB.422867.20	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,2343	0,06933
TcCLB.506195.250	hypothetical protein, conserved	-0,2344	0,02926
TcCLB.469785.20	hypothetical protein, conserved	-0,2345	0,1442
TcCLB.506559.484	hypothetical protein, conserved	-0,2345	0,1461
TcCLB.511577.180	retrotransposon hot spot (RHS) protein, putative	-0,2346	0,06234
TcCLB.506863.70	hypothetical protein, conserved	-0,2347	0,01516
TcCLB.508213.30	hypothetical protein	-0,2347	0,08402
TcCLB.507601.120	hypothetical protein, conserved	-0,235	0,1152
TcCLB.506201.154	hypothetical protein, conserved	-0,235	0,1236
TcCLB.511927.10	hypothetical protein, conserved	-0,235	0,2263
TcCLB.452283.4	hypothetical protein, conserved	-0,2351	0,4276
TcCLB.506661.70	hypothetical protein, conserved	-0,2352	0,09456
TcCLB.511229.120	hypothetical protein	-0,2352	0,1069

TcCLB.511145.49	GPI transamidase component GAA1, putative	-0,2353	0,02973
TcCLB.503675.20	Charged multivesicular body protein 3, putative	-0,2354	0,08656
TcCLB.504171.10	hypothetical protein, conserved	-0,2354	0,08854
TcCLB.508387.160	MORN repeat-containing protein	-0,2355	0,1057
TcCLB.504081.500	mucin TcMUCII, putative	-0,2355	0,6106
TcCLB.506857.40	hypothetical protein, conserved	-0,2357	0,1023
TcCLB.508461.120	hypothetical protein, conserved	-0,2359	0,005242
TcCLB.507213.20	protein kinase, putative	-0,2359	0,04696
TcCLB.510259.30	hypothetical protein, conserved	-0,2359	0,1203
TcCLB.507715.90	hypothetical protein, conserved	-0,2361	0,008981
TcCLB.509157.260	hypothetical protein	-0,2361	0,0713
TcCLB.507765.120	hypothetical protein, conserved	-0,2364	0,009113
TcCLB.511303.130	hypothetical protein	-0,2365	0,03747
TcCLB.509011.100	myosin heavy chain kinase A, putative	-0,2366	0,0328
TcCLB.506855.170	hypothetical protein, conserved	-0,2366	0,1589
TcCLB.507017.130	hypothetical protein	-0,2366	0,1945
TcCLB.508153.590	hypothetical protein, conserved	-0,2367	0,06846
TcCLB.511543.20	As/Sb Reductase, putative (ACR2)	-0,2368	0,1925
TcCLB.509521.84	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,2368	0,3889
TcCLB.506467.20	hypothetical protein, conserved	-0,2369	0,02099
TcCLB.510329.260	hypothetical protein, conserved	-0,237	0,001943
TcCLB.510403.89	synaptojanin (N-terminal domain), putative	-0,237	0,0427
TcCLB.510381.60	proliferator-activated receptor-interacting protein (PRIP) i	-0,2372	0,09069
TcCLB.510121.170	cysteine peptidase, Clan CA, family C2, putative	-0,2374	0,001098
TcCLB.484299.4	ATP-dependent DEAD/H RNA helicase, putative	-0,2374	0,3182
TcCLB.511127.110	ATP-dependent protease ATPase subunit HslU2 (HslU2)	-0,2375	0,003408
TcCLB.510565.179	hypothetical protein, conserved	-0,2376	0,006663
TcCLB.511911.150	nucleotide-binding protein, putative	-0,2378	0,1224
TcCLB.511729.70	cationic amino acid transporter, putative	-0,2378	0,1556
TcCLB.506443.130	trans-sialidase (pseudogene), putative	-0,238	0,03102
TcCLB.508957.14	hypothetical protein, conserved (fragment)	-0,2381	0,0764
TcCLB.508119.40	hypothetical protein	-0,2381	0,4641
TcCLB.503841.40	actin, putative	-0,2382	0,06094
TcCLB.508693.84	hypothetical protein, conserved	-0,2383	0,07751
TcCLB.507993.30	hypothetical protein, conserved	-0,2385	0,02589
TcCLB.503803.4	serine/threonine protein phosphatase 2A regulatory subu	-0,2385	0,1829
TcCLB.511711.50	hypothetical protein, conserved	-0,2386	0,05148
TcCLB.510657.20	ubiquitin hydrolase, putative	-0,2388	0,09854
TcCLB.508405.119	hypothetical protein, conserved	-0,2388	0,3474
TcCLB.503785.10	hypothetical protein, conserved (pseudogene)	-0,2389	0,03745
TcCLB.511585.140	hypothetical protein, conserved	-0,2391	0,006214
TcCLB.511003.10	phospholipid-translocating ATPase, putative	-0,2392	0,01705
TcCLB.509799.40	hypothetical protein, conserved	-0,2393	0,03113
TcCLB.509767.30	hypothetical protein	-0,2393	0,03647
TcCLB.508943.20	protein kinase, putative	-0,2394	0,1027

TcCLB.510545.60	hypothetical protein, conserved (pseudogene)	-0,2394	0,5458
TcCLB.511717.100	hypothetical protein, conserved	-0,2395	0,02857
TcCLB.508153.670	hypothetical protein, conserved	-0,2395	0,2456
TcCLB.511529.90	enolase, putative	-0,2396	0,08168
TcCLB.509003.20	calpain-like cysteine peptidase, putative	-0,2396	0,1137
TcCLB.506409.230	hypothetical protein, conserved	-0,2397	0,04687
TcCLB.506559.250	hypothetical protein, conserved	-0,2397	0,04871
TcCLB.503929.70	hypothetical protein, conserved	-0,2397	0,07211
TcCLB.508543.110	hypothetical protein, conserved	-0,2398	0,03648
TcCLB.510181.69	hypothetical protein, conserved	-0,2399	0,04974
TcCLB.508387.10	hypothetical protein, conserved	-0,2399	0,2012
TcCLB.507023.200	queuine tRNA-ribosyltransferase, putative	-0,24	0,03043
TcCLB.511299.70	mitogen-activated protein kinase, putative	-0,2401	0,02783
TcCLB.511865.70	hypothetical protein, conserved	-0,2401	0,05505
TcCLB.506509.20	hypothetical protein, conserved	-0,2401	0,1121
TcCLB.506457.120	hypothetical protein, conserved	-0,2402	0,03256
TcCLB.503619.29	hypothetical protein, conserved	-0,2402	0,1815
TcCLB.511099.140	mucin-associated surface protein (MASP), putative	-0,2402	0,6801
TcCLB.509879.10	hypothetical protein, conserved	-0,2403	0,1274
TcCLB.506929.10	surface protease GP63, putative	-0,2404	0,02638
TcCLB.508145.49	hypothetical protein, conserved	-0,2405	0,01973
TcCLB.507623.30	hypothetical protein, conserved	-0,2407	0,01117
TcCLB.503583.40	trans-splicing factor, putative	-0,2407	0,03598
TcCLB.505071.100	phosphatidylglycerolphosphate synthase, mitochondrial, p	-0,2408	0,02001
TcCLB.504827.100	hypothetical protein, conserved	-0,2408	0,05271
TcCLB.511851.44	mucin-associated surface protein (MASP, pseudogene), pi	-0,2409	0,007771
TcCLB.504179.60	hypothetical protein, conserved	-0,241	0,01869
TcCLB.511923.71	hypothetical protein, conserved (pseudogene)	-0,241	0,358
TcCLB.508741.290	ribosomal RNA methyltransferase, putative	-0,2411	0,0114
TcCLB.508241.40	hypothetical protein	-0,2411	0,01247
TcCLB.511367.50	hypothetical protein, conserved	-0,2414	0,02406
TcCLB.506563.220	calpain-like cysteine peptidase, putative	-0,2415	0,006262
TcCLB.508837.160	hypothetical protein, conserved	-0,2415	0,02614
TcCLB.511903.20	hypothetical protein, conserved	-0,2415	0,1521
TcCLB.510659.170	denn domain-containing protein	-0,2416	0,05266
TcCLB.506173.20	hypothetical protein	-0,2416	0,1048
TcCLB.508933.5	serine/threonine protein phosphatase PP1 (fragment)	-0,2417	0,206
TcCLB.511529.9	hypothetical protein, conserved	-0,242	0,01521
TcCLB.511153.130	DNA-direcetd RNA polymerase II, subunit 9, putative	-0,2421	0,1118
TcCLB.504057.21	hypothetical protein, conserved	-0,2422	0,0477
TcCLB.511277.554	hypothetical protein, conserved	-0,2422	0,07226
TcCLB.510657.70	hypothetical protein, conserved (pseudogene)	-0,2423	0,1349
TcCLB.506509.60	hypothetical protein, conserved	-0,2423	0,1392
TcCLB.506097.9	dynein heavy chain, putative (fragment)	-0,2424	0,06886
TcCLB.508647.250	phosphotransferase, putative	-0,2426	0,005217

TcCLB.510187.220	hypothetical protein, conserved	-0,2427	0,0704
TcCLB.506127.100	hypothetical protein, conserved	-0,2427	0,08761
TcCLB.506803.14	hypothetical protein	-0,2427	0,1134
TcCLB.505999.60	hypothetical protein	-0,2427	0,1768
TcCLB.508539.10	hypothetical protein, conserved	-0,2428	0,3552
TcCLB.508725.4	hypothetical protein, conserved	-0,2429	0,06564
TcCLB.508977.31	elongation factor 1-gamma (EF-1-gamma, pseudogene),	-0,2431	0,3761
TcCLB.508045.60	hypothetical protein, conserved	-0,2433	0,006578
TcCLB.509561.9	hypothetical protein, conserved	-0,2433	0,1297
TcCLB.508879.190	hypothetical protein, conserved	-0,2434	0,03012
TcCLB.510265.40	hypothetical protein, conserved	-0,2435	0,004179
TcCLB.509611.70	hypothetical protein, conserved	-0,2435	0,1046
TcCLB.511555.90	acyl-CoA binding protein, putative	-0,2436	0,02006
TcCLB.507733.10	trans-sialidase (pseudogene), putative	-0,2436	0,2498
TcCLB.504741.100	hypothetical protein, conserved	-0,2437	0,008375
TcCLB.509399.70	hypothetical protein, conserved	-0,2437	0,02441
TcCLB.511907.300	DNA repair and transcription factor protein, putative	-0,2438	0,04424
TcCLB.509455.60	hypothetical protein, conserved	-0,2438	0,04509
TcCLB.508839.89	DNA-directed rna polymerase I largest subunit, putative (f	-0,244	0,03941
TcCLB.507499.90	trans-sialidase (pseudogene), putative	-0,244	0,06459
TcCLB.509967.3	hypothetical protein, conserved (pseudogene)	-0,244	0,2381
TcCLB.507641.100	hypothetical protein, conserved	-0,2441	0,01237
TcCLB.507089.190	hypothetical protein, conserved	-0,2441	0,01736
TcCLB.506337.180	hypothetical protein, conserved	-0,2442	0,01268
TcCLB.507073.10	hypothetical protein, conserved	-0,2442	0,01858
TcCLB.506727.70	hypothetical protein, conserved	-0,2443	0,02742
TcCLB.509455.30	hypothetical protein, conserved	-0,2445	0,07515
TcCLB.508479.280	hypothetical protein, conserved	-0,2446	0,05497
TcCLB.511401.111	elongation factor 1-gamma (EF-1-gamma, pseudogene),	-0,2446	0,1676
TcCLB.506793.70	hypothetical protein, conserved	-0,2448	0,008181
TcCLB.507753.6	hypothetical protein, conserved (pseudogene)	-0,2448	0,2417
TcCLB.511801.14	protein kinase, putative (LDK)	-0,2449	0,02366
TcCLB.504045.10	hypothetical protein, conserved	-0,245	0,01244
TcCLB.508909.330	protein kinase, putative	-0,245	0,01394
TcCLB.508675.50	hypothetical protein, conserved	-0,2451	0,01098
TcCLB.505997.21	N-acetyltransferase complex ARD1 subunit (pseudogene),	-0,2451	0,5317
TcCLB.510609.130	hypothetical protein, conserved	-0,2453	0,02769
TcCLB.508545.9	hypothetical protein, conserved	-0,2453	0,1951
TcCLB.510543.200	trans-sialidase (pseudogene), putative	-0,2453	0,3779
TcCLB.508579.30	kinesin, putative	-0,2455	0,05175
TcCLB.507005.80	hypothetical protein, conserved	-0,2455	0,1247
TcCLB.505807.230	hypothetical protein	-0,2456	0,1614
TcCLB.507805.30	hypothetical protein, conserved (pseudogene)	-0,2457	0,2444
TcCLB.506227.20	hypothetical protein, conserved	-0,2458	0,1438
TcCLB.511859.10	AMP deaminase, putative	-0,2458	0,2712

TcCLB.510327.10	hypothetical protein	-0,2461	0,3929
TcCLB.506419.40	hypothetical protein, conserved	-0,2462	0,005359
TcCLB.503789.60	hypothetical protein, conserved	-0,2464	0,04462
TcCLB.510247.20	casein kinase I, putative	-0,2465	0,3319
TcCLB.509999.30	hypothetical protein, conserved	-0,2466	0,06271
TcCLB.510669.30	hypothetical protein, conserved	-0,2467	0,01467
TcCLB.503407.20	SUMO1/Ulp2, putative	-0,2467	0,0213
TcCLB.506839.14	hypothetical protein, conserved	-0,2467	0,03216
TcCLB.507881.90	trans-sialidase (pseudogene), putative	-0,2467	0,09573
TcCLB.419703.10	hypothetical protein	-0,2468	0,2336
TcCLB.503885.40	hypothetical protein, conserved	-0,2471	0,05689
TcCLB.509591.60	phospholipid-transporting ATPase 1-like protein, putative	-0,2473	0,5503
TcCLB.506195.25	hypothetical protein, conserved	-0,2474	0,3405
TcCLB.508181.30	hypothetical protein, conserved	-0,2475	0,001296
TcCLB.511239.150	histone acetyltransferase, putative	-0,2479	0,03351
TcCLB.503813.30	hypothetical protein, conserved	-0,248	0,06513
TcCLB.508109.14	mucin TcMUCII, putative	-0,248	0,4552
TcCLB.503809.130	hypothetical protein, conserved	-0,2481	0,03181
TcCLB.511031.30	hypothetical protein, conserved	-0,2482	0,05131
TcCLB.506201.160	hypothetical protein, conserved	-0,2482	0,234
TcCLB.509007.40	hypothetical protein, conserved	-0,2482	0,6938
TcCLB.506221.80	NAD synthase, putative	-0,2483	0,08509
TcCLB.506459.215	hypothetical protein, conserved (pseudogene)	-0,2484	0,4709
TcCLB.508879.30	dynein heavy chain, putative	-0,2486	0,001585
TcCLB.509205.40	hypothetical protein, conserved	-0,2486	0,05914
TcCLB.510835.50	hypothetical protein, conserved	-0,2488	0,06745
TcCLB.509831.5	vesicular transport protein (CDC48 homologue), putative (	-0,2489	0,09353
TcCLB.509747.30	hypothetical protein, conserved	-0,249	0,004136
TcCLB.504147.224	RNA-editing-associated protein 1, putative (REAP-1)	-0,249	0,03642
TcCLB.506791.10	CYC2-like cyclin 4, putative (CYC4)	-0,2491	0,01671
TcCLB.495369.10	hypothetical protein, conserved (fragment)	-0,2491	0,08568
TcCLB.506677.4	hypothetical protein, conserved	-0,2492	0,4675
TcCLB.510181.80	hypothetical protein, conserved	-0,2493	0,02797
TcCLB.507017.150	AUT2/APG4/ATG4 cysteine peptidase, putative	-0,2493	0,04619
TcCLB.511239.159	inosine-guanine nucleoside hydrolase, putative	-0,2493	0,4172
TcCLB.509429.240	hypothetical protein, conserved	-0,2494	0,017
TcCLB.506705.60	hypothetical protein, conserved	-0,2496	0,0107
TcCLB.510565.170	hypothetical protein, conserved	-0,2498	0,4483
TcCLB.507883.90	adenylate kinase, putative	-0,2501	0,08215
TcCLB.507517.100	pseudouridylate synthase I, putative	-0,2502	0,04806
TcCLB.511921.130	hypothetical protein, conserved (pseudogene)	-0,2503	0,3088
TcCLB.510519.20	hypothetical protein, conserved	-0,2504	0,04779
TcCLB.507975.50	trans-sialidase (pseudogene), putative	-0,2505	0,001596
TcCLB.504217.4	hypothetical protein, conserved (fragment)	-0,2506	0,1374
TcCLB.506195.240	hypothetical protein, conserved	-0,2507	0,01058

TcCLB.511875.64	hypothetical protein, conserved (pseudogene)	-0,2507	0,1553
TcCLB.506559.20	hypothetical protein, conserved	-0,2508	0,00695
TcCLB.510287.10	dynein light chain, putative	-0,2508	0,05937
TcCLB.509807.20	hypothetical protein, conserved	-0,2509	0,02292
TcCLB.508445.90	hypothetical protein, conserved	-0,2509	0,02459
TcCLB.510729.20	hypothetical protein, conserved	-0,251	0,02956
TcCLB.508307.140	hypothetical protein, conserved	-0,251	0,03321
TcCLB.509065.30	hypothetical protein, conserved	-0,2511	0,0155
TcCLB.506739.60	hypothetical protein, conserved	-0,2513	0,01857
TcCLB.508647.260	hypothetical protein, conserved	-0,2513	0,04196
TcCLB.510431.340	hypothetical protein, conserved	-0,2513	0,1073
TcCLB.511603.40	hypothetical protein	-0,2513	0,496
TcCLB.508445.70	hypothetical protein, conserved	-0,2514	0,01624
TcCLB.508461.200	hypothetical protein, conserved	-0,2514	0,03196
TcCLB.506321.260	hypothetical protein, conserved	-0,2514	0,1008
TcCLB.506425.70	hypothetical protein, conserved	-0,2516	0,01007
TcCLB.507017.80	hypothetical protein	-0,2516	0,09159
TcCLB.507689.10	dihydrouridine synthase (Dus, pseudogene), putative	-0,2516	0,2068
TcCLB.510999.30	hypothetical protein, conserved	-0,2517	0,02976
TcCLB.509215.16	GlcNAc-PI synthesis protein (GPI3)	-0,2517	0,07879
TcCLB.510279.130	mucin TcMUCII, putative	-0,2517	0,5743
TcCLB.511481.60	RNA helicase, putative	-0,2519	0,0009456
TcCLB.510525.120	hypothetical protein, conserved	-0,252	0,04583
TcCLB.511285.40	hypothetical protein, conserved	-0,252	0,08099
TcCLB.506247.140	hypothetical protein, conserved	-0,2521	0,01101
TcCLB.507669.120	ATPase domain protein, putative	-0,2521	0,03028
TcCLB.508415.20	hypothetical protein, conserved	-0,2522	0,01668
TcCLB.508277.210	hypothetical protein, conserved	-0,2522	0,02282
TcCLB.508607.10	retrotransposon hot spot (RHS) protein, putative	-0,2522	0,4418
TcCLB.511307.10	kinesin, putative	-0,2523	0,02559
TcCLB.504777.40	mucin TcMUCII, putative	-0,2523	0,1815
TcCLB.507163.20	hypothetical protein	-0,2523	0,4418
TcCLB.507715.30	transcription elongation factor-like protein, putative	-0,2524	0,01159
TcCLB.508461.540	hypothetical protein, conserved	-0,2524	0,03579
TcCLB.507049.66	hypothetical protein	-0,2524	0,1359
TcCLB.426897.4	hypothetical protein, conserved (fragment)	-0,2524	0,2091
TcCLB.509267.100	methionyl-tRNA formyltransferase, putative	-0,2527	0,04941
TcCLB.504507.20	DNA replication licensing factor MCM8, putative	-0,2527	0,1875
TcCLB.510231.29	multidrug resistance-associated protein, putative	-0,2529	0,01495
TcCLB.510879.130	hypothetical protein, conserved	-0,2529	0,04721
TcCLB.510895.29	hypothetical protein, conserved	-0,2531	0,1741
TcCLB.507031.110	hypothetical protein, conserved	-0,2533	0,009071
TcCLB.504179.9	pre-mRNA splicing factor ATP-dependent RNA helicase, p	-0,2533	0,1145
TcCLB.507747.195	glyceraldehyde-3-phosphate dehydrogenase (pseudogene)	-0,2533	0,2362
TcCLB.508151.10	mucin TcMUCII, putative	-0,2533	0,3766

TcCLB.504787.47	elongation factor 1-gamma (EF-1-gamma, pseudogene),	-0,2535	0,5974
TcCLB.509487.20	hypothetical protein, conserved	-0,2536	0,03216
TcCLB.506445.10	actin-like protein, putative	-0,2536	0,07144
TcCLB.434945.10	hypothetical protein, conserved	-0,2536	0,3227
TcCLB.508325.101	hypothetical protein, conserved	-0,2536	0,4287
TcCLB.506443.80	synaptojanin (N-terminal domain), putative	-0,254	0,007351
TcCLB.506517.158	hypothetical protein, conserved	-0,254	0,05641
TcCLB.507539.49	hypothetical protein, conserved	-0,254	0,2267
TcCLB.511529.250	hypothetical protein	-0,2541	0,02304
TcCLB.503897.60	hypothetical protein, conserved	-0,2541	0,03693
TcCLB.511545.140	hypothetical protein, conserved	-0,2542	0,03291
TcCLB.507059.30	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,2542	0,06441
TcCLB.507739.120	amastin, putative	-0,2543	0,3568
TcCLB.511755.90	hypothetical protein, conserved	-0,2544	0,0164
TcCLB.506203.90	hypothetical protein, conserved	-0,2545	0,009908
TcCLB.506703.100	mucin TcMUCII (pseudogene), putative	-0,2545	0,6162
TcCLB.511837.10	vesicle-associated membrane protein, putative	-0,2546	0,02875
TcCLB.509001.20	hypothetical protein, conserved	-0,2549	0,007015
TcCLB.510421.90	protein kinase, putative	-0,2549	0,01649
TcCLB.504019.3	hypothetical protein (fragment)	-0,255	0,1305
TcCLB.507007.45	anaphase promoting complex subunit protein, putative	-0,2551	0,3563
TcCLB.444777.20	hypothetical protein, conserved	-0,2552	0,01943
TcCLB.506559.240	hypothetical protein, conserved	-0,2553	0,00612
TcCLB.509789.59	hypothetical protein, conserved	-0,2554	0,0046
TcCLB.508831.140	surface antigen 2 (CA-2), putative	-0,2554	0,02167
TcCLB.510091.90	hypothetical protein, conserved	-0,2555	0,005455
TcCLB.503449.30	clathrin coat assembly protein, putative	-0,2555	0,01327
TcCLB.507681.180	hypothetical protein, conserved	-0,2555	0,06323
TcCLB.508163.310	mucin TcMUCII, putative	-0,2555	0,1809
TcCLB.504033.210	hypothetical protein, conserved	-0,2557	0,2033
TcCLB.510303.180	hypothetical protein, conserved	-0,2558	0,0003165
TcCLB.511511.50	hypothetical protein, conserved	-0,2558	0,02356
TcCLB.507159.20	hypothetical protein, conserved	-0,2558	0,04054
TcCLB.503953.30	protein kinase, putative	-0,2559	0,02683
TcCLB.511877.30	surface protease GP63 (pseudogene), putative	-0,2561	0,2356
TcCLB.508277.180	mismatch repair protein MSH3, putative	-0,2566	0,001932
TcCLB.511851.30	trans-sialidase (pseudogene), putative	-0,2566	0,04122
TcCLB.508417.20	hypothetical protein	-0,2568	0,4332
TcCLB.503409.10	hypothetical protein, conserved	-0,2569	0,09547
TcCLB.511217.100	hypothetical protein, conserved	-0,257	0,01198
TcCLB.507515.140	oxysterol-binding protein, putative	-0,2571	0,01952
TcCLB.508075.7	hypothetical protein, conserved	-0,2571	0,1148
TcCLB.509647.100	hypothetical protein, conserved	-0,2572	0,04569
TcCLB.506315.100	protein phosphatase 2C, putative	-0,2573	0,01254
TcCLB.507053.190	hypothetical protein, conserved	-0,2574	0,02335

TcCLB.508303.20	hypothetical protein	-0,2575	0,05532
TcCLB.506131.161	trans-sialidase (pseudogene), putative	-0,2576	0,3833
TcCLB.511531.9	chaperone DNAJ protein, putative	-0,2579	0,07111
TcCLB.511393.79	hypothetical protein, conserved	-0,2582	0,02738
TcCLB.511183.300	trans-sialidase (pseudogene), putative	-0,2584	0,5265
TcCLB.511321.50	hypothetical protein, conserved	-0,2585	0,0073
TcCLB.506473.20	DnaJ chaperone protein, putative	-0,2585	0,009534
TcCLB.509011.90	lipase, putative	-0,2585	0,09276
TcCLB.507625.120	hypothetical protein, conserved	-0,2585	0,1392
TcCLB.506859.130	hypothetical protein, conserved	-0,2588	0,2625
TcCLB.508707.10	amino acid transporter, putative	-0,259	0,2281
TcCLB.509315.20	trans-sialidase (pseudogene), putative	-0,2591	0,4394
TcCLB.509407.10	hypothetical protein	-0,2593	0,2072
TcCLB.508307.120	hypothetical protein, conserved	-0,2595	0,002452
TcCLB.510737.40	transport protein particle (TRAPP) subunit, putative	-0,2595	0,05061
TcCLB.504109.174	hypothetical protein, conserved	-0,2596	0,04654
TcCLB.508715.10	oxidoreductase, putative (fragment)	-0,2596	0,1031
TcCLB.510967.13	hypothetical protein, conserved	-0,2596	0,1829
TcCLB.506511.50	hypothetical protein, conserved	-0,2597	0,0006376
TcCLB.511545.70	kinteoplast poly(A) polymerase complex 1 subunit, putativ	-0,2597	0,00209
TcCLB.511491.9	hypothetical protein, conserved	-0,2597	0,1345
TcCLB.506959.110	hypothetical protein, conserved	-0,2599	0,01484
TcCLB.509693.160	hypothetical protein, conserved	-0,26	0,02669
TcCLB.511115.20	GTP-binding elongation factor Tu family, putative	-0,2602	0,002609
TcCLB.509985.20	hypothetical protein, conserved	-0,2603	0,02132
TcCLB.503869.30	hypothetical protein, conserved	-0,2604	0,00526
TcCLB.508817.110	hypothetical protein, conserved	-0,2605	0,05637
TcCLB.506435.100	hypothetical protein, conserved	-0,2605	0,1344
TcCLB.511171.50	mucin-associated surface protein (MASP, pseudogene), pi	-0,2605	0,3697
TcCLB.510889.20	hypothetical protein, conserved	-0,2606	0,0397
TcCLB.509591.10	ubiquitin-conjugating enzyme, putative	-0,2606	0,08484
TcCLB.504001.6	protein kinase, putative	-0,2607	0,01694
TcCLB.511017.69	histone acetyltransferase, putative (fragment)	-0,2607	0,2564
TcCLB.504071.50	spliceosome-associated protein, putative	-0,2608	0,007458
TcCLB.509805.120	hypothetical protein, conserved	-0,2609	0,08807
TcCLB.507007.37	hypothetical protein, conserved	-0,261	0,5039
TcCLB.509161.20	hypothetical protein, conserved	-0,2611	0,06802
TcCLB.507923.30	vacuolar assembly protein vps41, putative	-0,2612	0,005156
TcCLB.511045.40	subtilisin peptidase	-0,2612	0,007686
TcCLB.508899.130	hypothetical protein, conserved	-0,2612	0,1069
TcCLB.504149.70	hypothetical protein, conserved	-0,2613	0,03258
TcCLB.508325.80	trans-sialidase (pseudogene), putative	-0,2614	0,01157
TcCLB.506163.10	surface protease GP63, putative	-0,2614	0,02398
TcCLB.503759.59	hypothetical protein, conserved	-0,2614	0,04297
TcCLB.509551.80	hypothetical protein, conserved	-0,2614	0,06248



TcCLB.507089.80	exosome-associated protein 2, putative (EAP2)	-0,2615	0,05294
TcCLB.506531.9	hypothetical protein (fragment)	-0,2615	0,07183
TcCLB.503823.70	hypothetical protein, conserved	-0,2615	0,1452
TcCLB.507071.277	syntaxin binding protein (pseudogene), putative	-0,2615	0,4708
TcCLB.506565.8	RNA-binding protein, putative	-0,2616	0,004703
TcCLB.509805.70	hypothetical protein, conserved	-0,2616	0,004839
TcCLB.508207.135	hypothetical protein, conserved	-0,2617	0,02269
TcCLB.509495.30	trans-sialidase, Group I, putative	-0,2617	0,03713
TcCLB.504741.60	transcription initiation protein, putative	-0,2618	0,005135
TcCLB.511711.20	hypothetical protein, conserved	-0,262	0,0323
TcCLB.503853.10	hypothetical protein, conserved	-0,2621	0,01471
TcCLB.443683.9	DNA-directed rna polymerase I largest subunit, putative (I	-0,2621	0,06458
TcCLB.510351.90	dihydrolipoamide branched chain transacylase, putative	-0,2623	0,003497
TcCLB.510123.70	vesicle-associated membrane protein, putative	-0,2623	0,01301
TcCLB.508647.80	hypothetical protein, conserved	-0,2623	0,01446
TcCLB.509899.20	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,2623	0,05693
TcCLB.509569.60	hypothetical protein, conserved	-0,2624	0,04303
TcCLB.510525.40	hypothetical protein, conserved	-0,2626	0,09456
TcCLB.509287.30	hypothetical protein, conserved	-0,2627	0,003126
TcCLB.510397.30	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,2627	0,3752
TcCLB.509753.50	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,2628	0,4274
TcCLB.511589.240	hypothetical protein, conserved	-0,2629	0,02366
TcCLB.508815.179	dynein heavy chain, putative (fragment)	-0,263	0,0247
TcCLB.507603.240	hypothetical protein, conserved	-0,2631	0,0188
TcCLB.506175.120	hypothetical protein, conserved	-0,2631	0,4691
TcCLB.511661.20	hypothetical protein, conserved	-0,2633	0,01157
TcCLB.506947.60	hypothetical protein, conserved	-0,2633	0,04522
TcCLB.506945.10	hypothetical protein, conserved	-0,2634	0,1284
TcCLB.511275.30	actin-related protein 2/3 complex subunit 1, putative (ARI	-0,2635	0,03744
TcCLB.509011.30	hypothetical protein	-0,2635	0,0598
TcCLB.504059.11	hypothetical protein, conserved (fragment)	-0,2635	0,07776
TcCLB.507889.10	transaldolase, putative	-0,2636	0,024
TcCLB.511315.44	hypothetical protein, conserved (pseudogene)	-0,2638	0,1795
TcCLB.510841.10	Kinesin-13 4b, putative (fragment) (KIN13-4b)	-0,2638	0,2087
TcCLB.506587.50	hypothetical protein, conserved	-0,264	0,01151
TcCLB.508257.260	AP-1 adapter complex gamma subunit, putative	-0,2642	0,002779
TcCLB.508257.110	hypothetical protein, conserved	-0,2642	0,007704
TcCLB.510635.60	hypothetical protein, conserved	-0,2642	0,04013
TcCLB.508831.4	dynein heavy chain, putative	-0,2643	0,02403
TcCLB.511001.60	protein kinase, putative	-0,2646	0,04276
TcCLB.506195.130	hypothetical protein, conserved	-0,2646	0,07059
TcCLB.510747.130	hypothetical protein, conserved	-0,2647	0,004457
TcCLB.509619.10	Zn-finger protein, putative	-0,265	0,01506
TcCLB.509941.30	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,265	0,04157
TcCLB.508355.70	diacylglycerol acyltransferase, putative	-0,2651	0,006887

TcCLB.506275.50	Golgi SNAP receptor complex member 1, putative	-0,2651	0,05293
TcCLB.511019.99	glutathione peroxidase, putative	-0,2651	0,1057
TcCLB.510241.90	hypothetical protein, conserved	-0,2654	0,003858
TcCLB.509719.56	hypothetical protein, conserved	-0,2658	0,003649
TcCLB.508303.4	ubiquitin-protein ligase, putative	-0,2658	0,03709
TcCLB.506871.70	hypothetical protein, conserved	-0,2659	0,03095
TcCLB.506201.10	hypothetical protein, conserved	-0,266	0,04764
TcCLB.511523.20	hypothetical protein, conserved	-0,266	0,05029
TcCLB.506673.50	apurinic/aprimidinic endonuclease, putative	-0,2662	0,1286
TcCLB.511285.20	hypothetical protein, conserved	-0,2664	0,00181
TcCLB.511071.80	hypothetical protein, conserved	-0,2664	0,09711
TcCLB.508461.250	ATP-dependent RNA helicase, putative	-0,2666	0,001784
TcCLB.511031.49	hypothetical protein, conserved	-0,2666	0,03138
TcCLB.505939.10	hypothetical protein	-0,2666	0,4409
TcCLB.508879.90	hypothetical protein, conserved	-0,2667	0,07653
TcCLB.506855.270	hypothetical protein, conserved	-0,267	0,1024
TcCLB.509509.30	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase, pu	-0,2671	0,01825
TcCLB.504055.10	hypothetical protein, conserved	-0,2671	0,06909
TcCLB.510261.21	hypothetical protein	-0,2671	0,6439
TcCLB.510529.20	hypothetical protein, conserved	-0,2672	0,01277
TcCLB.507963.70	hypothetical protein, conserved	-0,2675	0,005388
TcCLB.511723.10	surface protease GP63, putative	-0,2675	0,08453
TcCLB.510371.5	elongation factor 1-gamma (EF-1-gamma, pseudogene),	-0,2676	0,4953
TcCLB.509161.34	hypothetical protein, conserved	-0,2677	0,02857
TcCLB.506943.30	hypothetical protein, conserved	-0,2679	0,004882
TcCLB.510601.20	hypothetical protein, conserved	-0,2679	0,02249
TcCLB.505555.10	lysosomal/endosomal membrane protein p67 (pseudoger	-0,2681	0,003184
TcCLB.506567.130	hypothetical protein, conserved	-0,2682	0,09879
TcCLB.506587.10	hypothetical protein, conserved	-0,2683	0,07209
TcCLB.508731.40	hypothetical protein, conserved	-0,2684	0,01637
TcCLB.504741.230	hypothetical protein, conserved	-0,2685	0,007668
TcCLB.507837.100	hypothetical protein, conserved	-0,2686	0,004748
TcCLB.507037.60	hypothetical protein, conserved	-0,2687	0,002585
TcCLB.506493.20	hypothetical protein	-0,2689	0,2733
TcCLB.507209.60	hypothetical protein, conserved	-0,269	0,00531
TcCLB.510819.40	hypothetical protein, conserved	-0,269	0,07026
TcCLB.508569.130	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase, pu	-0,2691	0,0008399
TcCLB.503781.50	hypothetical protein, conserved	-0,2691	0,01699
TcCLB.510901.120	protein kinase, putative	-0,2692	0,002505
TcCLB.507757.40	hypothetical protein	-0,2695	0,006214
TcCLB.510293.50	DnaJ chaperone protein, putative	-0,2696	0,01088
TcCLB.507915.19	mismatch repair protein MSH3, putative	-0,2696	0,1596
TcCLB.507797.9	nuclear transcription factor, putative	-0,2697	0,1479
TcCLB.504655.30	protein kinase, putative	-0,2698	0,007587
TcCLB.508815.170	protein kinase, putative	-0,27	0,0001866

TcCLB.511301.60	hypothetical protein, conserved	-0,27	0,02462
TcCLB.508397.64	hypothetical protein, conserved	-0,27	0,1004
TcCLB.510227.20	hypothetical protein	-0,2701	0,01812
TcCLB.511587.39	ATP-dependent DEAD/H RNA helicase (pseudogene), puta	-0,2701	0,1762
TcCLB.409407.10	trans-sialidase (pseudogene), putative	-0,2702	0,3024
TcCLB.506871.180	G5-interacting protein, putative (G5-IP)	-0,2703	0,002634
TcCLB.506857.60	peptidyl-prolyl cis-trans isomerase, putative (PAR45)	-0,2703	0,004513
TcCLB.510257.60	3-ketoacyl-CoA reductase, putative	-0,2709	0,01196
TcCLB.509595.30	hypothetical protein, conserved	-0,2709	0,01782
TcCLB.506869.54	hypothetical protein, conserved	-0,271	0,04652
TcCLB.506537.100	trans-sialidase (pseudogene), putative	-0,2712	0,02026
TcCLB.510163.10	hypothetical protein, conserved	-0,2712	0,02132
TcCLB.503685.10	serine/threonine-protein kinase, putative	-0,2713	0,04025
TcCLB.510437.70	hypothetical protein, conserved	-0,2713	0,05827
TcCLB.508257.230	target of rapamycin kinase (TOR) kinase 3, putative	-0,2714	0,0002021
TcCLB.503899.139	hypothetical protein, conserved	-0,2715	0,001196
TcCLB.511071.181	hypothetical protein, conserved	-0,2715	0,008003
TcCLB.506127.120	hypothetical protein, conserved	-0,2716	0,01853
TcCLB.506425.100	hypothetical protein, conserved	-0,2717	0,01417
TcCLB.506319.30	hypothetical protein, conserved	-0,2719	0,03862
TcCLB.506775.22	hypothetical protein, conserved	-0,272	0,0181
TcCLB.505997.60	retrotransposon hot spot (RHS) protein, putative	-0,2721	0,09234
TcCLB.511867.160	hypothetical protein, conserved	-0,2721	0,09356
TcCLB.511155.4	hypothetical protein, conserved	-0,2724	0,03593
TcCLB.509217.146	N-acetyltransferase complex ARD1 subunit (pseudogene),	-0,2724	0,5125
TcCLB.506925.520	hypothetical protein, conserved	-0,2728	0,01478
TcCLB.507929.30	hypothetical protein, conserved	-0,2728	0,08781
TcCLB.508929.10	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, $\beta$	-0,273	0,168
TcCLB.416511.9	mismatch repair protein MSH3, putative	-0,2731	0,0342
TcCLB.510145.30	hypothetical protein, conserved	-0,2732	0,02284
TcCLB.508919.180	trans-sialidase (pseudogene), putative	-0,2734	0,003388
TcCLB.506629.180	hypothetical protein, conserved	-0,2734	0,09601
TcCLB.506537.30	hypothetical protein, conserved (pseudogene)	-0,2735	0,01363
TcCLB.506563.160	hypothetical protein, conserved	-0,2736	0,006622
TcCLB.503897.70	hypothetical protein, conserved	-0,2737	0,0352
TcCLB.506399.30	hypothetical protein, conserved	-0,2737	0,07107
TcCLB.508919.100	hypothetical protein, conserved	-0,2738	0,01083
TcCLB.503973.140	hypothetical protein, conserved (pseudogene)	-0,2739	0,4081
TcCLB.508577.150	hypothetical protein, conserved	-0,274	0,1521
TcCLB.509833.10	hypothetical protein, conserved	-0,2741	0,07945
TcCLB.506179.59	ATP-dependent RNA helicase, putative (fragment)	-0,2741	0,1267
TcCLB.510901.250	hypothetical protein, conserved	-0,2743	0,01436
TcCLB.506195.40	hypothetical protein, conserved	-0,2743	0,0589
TcCLB.506441.10	hypothetical protein, conserved	-0,2744	0,001635
TcCLB.506425.110	hypothetical protein, conserved	-0,2744	0,03761

TcCLB.507447.19	microtubule-associated protein, putative (fragment)	-0,2744	0,516
TcCLB.508033.69	mucin-associated surface protein (MASP, pseudogene), pi	-0,2745	0,2274
TcCLB.399389.10	hypothetical protein, conserved	-0,2747	0,001571
TcCLB.510999.19	hypothetical protein, conserved	-0,2748	0,05585
TcCLB.510307.210	trans-sialidase, Group II, putative	-0,2748	0,2345
TcCLB.510743.20	hypothetical protein, conserved	-0,275	0,06158
TcCLB.511667.90	hypothetical protein, conserved (pseudogene)	-0,275	0,1068
TcCLB.510207.21	mucin-associated surface protein (MASP, pseudogene), pi	-0,2751	0,3142
TcCLB.507765.110	hypothetical protein, conserved	-0,2752	0,006351
TcCLB.506905.20	hypothetical protein, conserved	-0,2752	0,01344
TcCLB.504163.70	hypothetical protein, conserved	-0,2752	0,02255
TcCLB.508175.114	hypothetical protein, conserved	-0,2754	0,005372
TcCLB.504229.37	hypothetical protein	-0,2755	0,3347
TcCLB.509733.30	hypothetical protein, conserved	-0,2758	0,007742
TcCLB.508873.280	mucin-associated surface protein (MASP, pseudogene), pi	-0,276	0,1885
TcCLB.509575.20	hypothetical protein, conserved	-0,2761	0,04827
TcCLB.511277.92	hypothetical protein, conserved	-0,2762	0,01053
TcCLB.511481.55	RNA-binding protein, putative	-0,2762	0,08647
TcCLB.509259.100	ATP-dependent DEAD/H RNA helicase (pseudogene), puta	-0,2762	0,3368
TcCLB.506993.40	mucin TcMUCII, putative	-0,2764	0,542
TcCLB.427789.30	NAD synthase, putative	-0,2767	0,04013
TcCLB.507601.60	hypothetical protein, conserved	-0,2768	0,0498
TcCLB.509233.220	hypothetical protein, conserved	-0,2769	0,004898
TcCLB.508153.570	protein kinase, putative	-0,277	0,01999
TcCLB.503515.7	ribosomal RNA methyltransferase, putative (fragment)	-0,2771	0,1006
TcCLB.510371.30	hypothetical protein, conserved (pseudogene)	-0,2773	0,5244
TcCLB.507559.50	kinesin, putative	-0,2774	0,01575
TcCLB.507099.100	hypothetical protein, conserved	-0,2774	0,03703
TcCLB.510955.20	hypothetical protein, conserved	-0,2775	0,003596
TcCLB.511531.44	hypothetical protein	-0,2775	0,04183
TcCLB.508671.20	serine carboxypeptidase (CBP1), putative	-0,2779	0,03269
TcCLB.511145.24	hypothetical protein, conserved	-0,2779	0,1975
TcCLB.510877.90	hypothetical protein, conserved	-0,278	0,007735
TcCLB.504079.10	branch point binding protein, putative	-0,278	0,02238
TcCLB.508827.130	hypothetical protein, conserved	-0,2782	0,01248
TcCLB.511389.80	protein kinase, putative	-0,2782	0,01461
TcCLB.511245.90	hypothetical protein, conserved	-0,2783	0,02582
TcCLB.506249.10	hypothetical protein, conserved	-0,2783	0,08009
TcCLB.504017.70	hypothetical protein	-0,2784	0,02065
TcCLB.506983.20	hypothetical protein, conserved	-0,2785	0,004618
TcCLB.506943.50	glyceraldehyde 3-phosphate dehydrogenase, putative	-0,2785	0,01924
TcCLB.506593.40	hypothetical protein, conserved	-0,2786	0,01484
TcCLB.504045.30	hypothetical protein	-0,2787	0,04817
TcCLB.509073.80	hypothetical protein, conserved	-0,2788	0,02141
TcCLB.510303.280	hypothetical protein	-0,2789	0,01455

TcCLB.508793.14	dynein regulatory complex subunit, putative (fragment)	-0,2791	0,005599
TcCLB.503881.10	kynureninase, putative	-0,2792	0,0656
TcCLB.508469.30	hypothetical protein, conserved	-0,2793	0,05942
TcCLB.507623.101	surface protease GP63 (pseudogene), putative	-0,2794	0,04651
TcCLB.504039.99	mucin TcMUCII (pseudogene), putative	-0,2794	0,3905
TcCLB.511857.80	AMP deaminase, putative	-0,2795	0,01096
TcCLB.509911.40	hypothetical protein, conserved	-0,2795	0,08803
TcCLB.416619.10	trans-sialidase, putative (fragment)	-0,2795	0,5281
TcCLB.506949.20	hypothetical protein, conserved	-0,2796	0,0004422
TcCLB.510187.330	hypothetical protein, conserved	-0,2797	0,002971
TcCLB.506793.80	ATP-dependent RNA helicase, putative	-0,2797	0,01291
TcCLB.509455.110	hypothetical protein, conserved	-0,2797	0,06145
TcCLB.509163.54	zinc finger protein, putative	-0,2797	0,6098
TcCLB.506977.139	hypothetical protein, conserved	-0,2799	0,01225
TcCLB.507949.29	conserved protein, unknown function	-0,2799	0,04552
TcCLB.507629.30	hypothetical protein, conserved	-0,2801	0,03036
TcCLB.510303.260	hypothetical protein, conserved	-0,2802	0,03101
TcCLB.511229.20	oxidoreductase, putative	-0,2802	0,06881
TcCLB.511215.100	hypothetical protein	-0,2803	0,1219
TcCLB.509233.120	hypothetical protein, conserved	-0,2804	0,0006156
TcCLB.506405.90	hypothetical protein, conserved	-0,2804	0,03333
TcCLB.410275.18	trans-sialidase (pseudogene), putative	-0,2804	0,5671
TcCLB.507011.200	dihydroxyacetone kinase 1-like, putative	-0,2805	0,01127
TcCLB.511257.70	surface protease GP63, putative	-0,2806	0,02212
TcCLB.509163.60	hypothetical protein, conserved	-0,2806	0,02487
TcCLB.509733.10	hypothetical protein, conserved	-0,2807	0,01711
TcCLB.511003.80	hypothetical protein, conserved	-0,2808	0,004605
TcCLB.508727.24	hypothetical protein	-0,281	0,002169
TcCLB.511627.140	hypothetical protein, conserved	-0,2811	0,0365
TcCLB.507825.49	hypothetical protein, conserved (fragment)	-0,2811	0,09437
TcCLB.507241.20	hypothetical protein, conserved	-0,2812	0,005941
TcCLB.510303.60	hypothetical protein, conserved	-0,2812	0,02844
TcCLB.507207.10	hypothetical protein, conserved	-0,2813	0,00695
TcCLB.511211.240	hypothetical protein, conserved	-0,2813	0,04434
TcCLB.506739.20	hypothetical protein, conserved	-0,2814	0,004068
TcCLB.508719.50	hypothetical protein, conserved	-0,2814	0,06154
TcCLB.511683.20	hypothetical protein, conserved	-0,2817	0,0232
TcCLB.508181.10	hypothetical protein, conserved	-0,2818	0,03035
TcCLB.511717.110	hypothetical protein, conserved	-0,2819	0,01786
TcCLB.506223.30	hypothetical protein, conserved	-0,2819	0,02229
TcCLB.510611.30	kinesin, putative	-0,282	0,001226
TcCLB.506327.70	engulfment and cell motility domain 2, putative	-0,282	0,00458
TcCLB.511287.80	hypothetical protein, conserved	-0,2821	0,05024
TcCLB.509897.51	hypothetical protein, conserved (pseudogene)	-0,2821	0,0532
TcCLB.507053.200	hypothetical protein, conserved	-0,2822	0,0161

TcCLB.507857.10	transcription elongation factor, putative	-0,2823	0,0108
TcCLB.507993.10	hypothetical protein, conserved	-0,2824	0,009797
TcCLB.508257.240	hypothetical protein, conserved	-0,2826	0,02838
TcCLB.509073.100	hypothetical protein, conserved	-0,2828	0,1109
TcCLB.508559.80	trans-sialidase (pseudogene), putative	-0,2828	0,1151
TcCLB.510343.10	hypothetical protein, conserved	-0,2828	0,1297
TcCLB.511353.20	hypothetical protein, conserved	-0,2829	0,008525
TcCLB.508277.120	ribosomal protein S6, putative	-0,2829	0,0454
TcCLB.506399.20	hypothetical protein, conserved	-0,283	0,02964
TcCLB.511725.10	proteasome regulatory non-ATPase subunit, putative	-0,2831	0,01531
TcCLB.511837.100	amino acid permease-like protein, putative	-0,2832	0,01328
TcCLB.508921.40	hypothetical protein, conserved	-0,2833	0,1349
TcCLB.506247.160	hypothetical protein, conserved	-0,2835	0,00162
TcCLB.508347.10	hypothetical protein, conserved	-0,2835	0,00459
TcCLB.507949.80	kinetoplast ribosomal PPR-repeat containing protein 3, pu	-0,2835	0,009139
TcCLB.508235.40	protein kinase, putative (fragment)	-0,2835	0,09917
TcCLB.506587.20	hypothetical protein	-0,2836	0,01086
TcCLB.503899.40	hypothetical protein, conserved	-0,2838	0,003973
TcCLB.508461.280	protein kinase A catalytic subunit isoform 2, putative	-0,2838	0,03253
TcCLB.503893.10	copper-transporting ATPase-like protein, putative	-0,2838	0,1668
TcCLB.508231.150	hypothetical protein	-0,2839	0,003637
TcCLB.509127.20	hypothetical protein, conserved	-0,2839	0,03583
TcCLB.503619.20	hypothetical protein, conserved	-0,284	0,01312
TcCLB.506177.70	hypothetical protein	-0,284	0,08757
TcCLB.507049.160	hypothetical protein, conserved	-0,2841	0,02822
TcCLB.510603.100	hypothetical protein, conserved	-0,2841	0,08612
TcCLB.508269.80	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,2841	0,2036
TcCLB.508209.60	spliced leader RNA PSE-promoter transcription factor, put	-0,2843	0,004684
TcCLB.508817.180	DIS3-like exonuclease, putative (pseudogene)	-0,2845	0,002328
TcCLB.511229.90	hypothetical protein, conserved	-0,2845	0,009872
TcCLB.508765.30	glycosylphosphatidylinositol-specific phospholipase C, puti	-0,2845	0,0338
TcCLB.507625.90	hypothetical protein, conserved	-0,2846	0,04933
TcCLB.510429.50	Lsm12 protein, putative	-0,2848	0,01586
TcCLB.506943.60	glyceraldehyde 3-phosphate dehydrogenase, putative	-0,2849	0,1155
TcCLB.508583.10	hypothetical protein, conserved	-0,285	0,06055
TcCLB.503547.20	dispersed gene family protein 1 (DGF-1, pseudogene), put	-0,285	0,4282
TcCLB.511179.140	hypothetical protein, conserved	-0,2853	0,001243
TcCLB.404073.20	actin, putative (fragment)	-0,2854	0,1344
TcCLB.509937.110	hypothetical protein, conserved	-0,2855	0,0179
TcCLB.506355.110	hypothetical protein, conserved	-0,2856	0,001366
TcCLB.511127.30	hypothetical protein, conserved	-0,2856	0,02209
TcCLB.508949.10	hypothetical protein, conserved	-0,2856	0,03204
TcCLB.507017.50	polynucleotide kinase 3'-phosphatase, putative	-0,2858	0,01423
TcCLB.509611.140	hypothetical protein, conserved	-0,2858	0,01484
TcCLB.506213.40	hypothetical protein, conserved	-0,2861	0,0002927

TcCLB.508837.140	U1 small nuclear ribonucleoprotein, putative	-0,2861	0,0476
TcCLB.504125.10	SWI/SNF-related matrix-associated actin-dependent regu	-0,2862	0,003465
TcCLB.508209.159	hypothetical protein, conserved	-0,2865	0,03178
TcCLB.506947.80	arginine N-methyltransferase, type I (PRMT6)	-0,2867	0,06754
TcCLB.508495.110	hypothetical protein	-0,2867	0,4691
TcCLB.507089.100	hypothetical protein, conserved	-0,2868	0,01417
TcCLB.504835.29	hypothetical protein, conserved	-0,2869	0,002215
TcCLB.508821.60	hypothetical protein, conserved	-0,2869	0,2816
TcCLB.504131.10	hypothetical protein, conserved (pseudogene)	-0,287	0,006461
TcCLB.511875.40	surface protease GP63 (pseudogene), putative	-0,287	0,04619
TcCLB.508707.60	hypothetical protein, conserved	-0,2872	0,0009761
TcCLB.503593.60	hypothetical protein, conserved	-0,2872	0,01232
TcCLB.503679.20	hypothetical protein, conserved	-0,2873	0,01231
TcCLB.511385.80	kinesin-like protein, putative	-0,2873	0,01877
TcCLB.506213.110	hypothetical protein	-0,2874	0,001664
TcCLB.504839.36	hypothetical protein, conserved	-0,2874	0,05442
TcCLB.507491.59	ubiquitin fold modifier protein, putative (UFM1)	-0,2875	0,129
TcCLB.506181.140	hypothetical protein	-0,2876	0,008037
TcCLB.405179.10	dynein heavy chain, putative (fragment)	-0,2876	0,03874
TcCLB.511381.40	DNA-directed rna polymerase I largest subunit, putative	-0,2878	0,0002005
TcCLB.510659.279	nucleic acid binding protein, putative	-0,2879	0,06055
TcCLB.503833.10	hypothetical protein, conserved	-0,2881	0,002348
TcCLB.506755.80	hypothetical protein	-0,2881	0,01284
TcCLB.509803.50	hypothetical protein, conserved	-0,2882	0,005242
TcCLB.507527.20	hypothetical protein, conserved	-0,2883	0,0021
TcCLB.509505.40	hypothetical protein, conserved	-0,2883	0,01343
TcCLB.509719.80	hypothetical protein, conserved	-0,2883	0,02
TcCLB.508445.50	hypothetical protein, conserved	-0,2884	0,07937
TcCLB.503459.29	hypothetical protein, conserved	-0,2886	0,02887
TcCLB.510967.10	GPI inositol deacylase precursor, putative	-0,2886	0,06175
TcCLB.508539.95	surface protease GP63 (pseudogene), putative	-0,2886	0,4404
TcCLB.508169.100	hypothetical protein, conserved	-0,2887	0,01311
TcCLB.507677.30	hypothetical protein, conserved	-0,2889	0,007076
TcCLB.507023.250	hypothetical protein, conserved	-0,2889	0,01998
TcCLB.503555.10	DNA replication licensing factor MCM8, putative	-0,2889	0,02472
TcCLB.510701.31	hypothetical protein	-0,2889	0,5704
TcCLB.507867.80	hypothetical protein, conserved	-0,289	0,0004937
TcCLB.507641.239	hypothetical protein, conserved	-0,2893	0,002612
TcCLB.510699.34	trans-sialidase (pseudogene), putative	-0,2894	0,2336
TcCLB.507709.70	hypothetical protein, conserved	-0,2895	0,006252
TcCLB.507993.5	GPI-anchor transamidase subunit 8 (GPI8, pseudogene), p	-0,2897	0,1891
TcCLB.508637.30	hypothetical protein, conserved (pseudogene)	-0,2898	0,2194
TcCLB.510889.251	Present in the outer mitochondrial membrane proteome 1	-0,29	0,07161
TcCLB.508825.30	surface protease GP63 (pseudogene), putative	-0,2901	0,02104
TcCLB.504027.10	hypothetical protein, conserved	-0,2901	0,03556

TcCLB.509581.20	beta galactofuranosyl glycosyltransferase, putative	-0,2903	0,0395
TcCLB.510187.190	vacuolar protein sorting-associated protein, putative	-0,2904	0,0003633
TcCLB.507093.66	hypothetical protein, conserved	-0,2904	0,01602
TcCLB.403789.9	DNA-directed rna polymerase I largest subunit, putative	-0,2904	0,09178
TcCLB.511301.160	trans-sialidase, Group II, putative	-0,2906	0,03188
TcCLB.510197.95	hypothetical protein, conserved (pseudogene)	-0,2906	0,1491
TcCLB.511713.20	hypothetical protein, conserved	-0,2908	0,007626
TcCLB.510067.9	hypothetical protein, conserved	-0,2908	0,01222
TcCLB.508891.80	hypothetical protein, conserved (pseudogene)	-0,2909	0,02567
TcCLB.509017.50	hypothetical protein, conserved	-0,291	0,0002305
TcCLB.510491.50	hypothetical protein, conserved	-0,291	0,1546
TcCLB.511753.30	kinesin, putative	-0,2912	0,001138
TcCLB.509171.80	hypothetical protein, conserved	-0,2912	0,00701
TcCLB.506929.50	hypothetical protein, conserved	-0,2912	0,00858
TcCLB.430737.20	hypothetical protein, conserved (fragment)	-0,2912	0,07107
TcCLB.511523.90	hypothetical protein, conserved	-0,2913	0,00191
TcCLB.508153.890	hypothetical protein, conserved	-0,2914	0,00006872
TcCLB.504033.140	hypothetical protein, conserved (pseudogene)	-0,2914	0,002632
TcCLB.511201.58	hypothetical protein	-0,2914	0,01006
TcCLB.503955.110	protein kinase, putative	-0,2914	0,01356
TcCLB.508409.170	hypothetical protein, conserved	-0,2916	0,02024
TcCLB.511907.220	hypothetical protein, conserved	-0,2917	0,01608
TcCLB.504587.10	surface protease GP63 (pseudogene), putative	-0,2919	0,3051
TcCLB.510885.60	hypothetical protein, conserved	-0,2922	0,002109
TcCLB.511245.79	hypothetical protein, conserved	-0,2922	0,0187
TcCLB.503579.50	hypothetical protein, conserved	-0,2923	0,001175
TcCLB.511257.100	surface protease GP63, putative	-0,2924	0,006835
TcCLB.509993.31	mucin-associated surface protein (MASP, pseudogene), pi	-0,2924	0,2584
TcCLB.506789.230	hypothetical protein, conserved	-0,2925	0,00003251
TcCLB.506625.160	hypothetical protein, conserved	-0,2925	0,00009022
TcCLB.507685.20	trans-sialidase (pseudogene), putative	-0,2926	0,2178
TcCLB.508647.30	hypothetical protein, conserved	-0,2928	0,01151
TcCLB.510493.10	hypothetical protein, conserved	-0,2928	0,09126
TcCLB.508153.450	hypothetical protein, conserved	-0,2929	0,004094
TcCLB.511737.20	hypothetical protein, conserved	-0,293	0,00154
TcCLB.511153.140	proteasome beta 3 subunit, putative	-0,293	0,02862
TcCLB.511529.230	hypothetical protein, conserved	-0,2931	0,039
TcCLB.506925.70	epsin, putative	-0,2932	0,0004384
TcCLB.510187.310	hypothetical protein, conserved	-0,2934	0,001582
TcCLB.509455.9	hypothetical protein, conserved	-0,2934	0,005276
TcCLB.506585.60	hypothetical protein, conserved	-0,2934	0,02183
TcCLB.510105.30	clathrin coat assembly protein, putative	-0,2935	0,01896
TcCLB.503653.50	histone deacetylase, putative	-0,2937	0,005911
TcCLB.411427.40	hypothetical protein, conserved	-0,2937	0,1168
TcCLB.503777.10	suppressive immunomodulating factor, putative (TSIF)	-0,2938	0,002837



TcCLB.511361.70	hypothetical protein, conserved	-0,2939	0,005137
TcCLB.509715.23	RNA-binding protein, putative	-0,294	0,1778
TcCLB.511875.25	elongation factor 1-gamma (EF-1-gamma, pseudogene),	-0,294	0,3927
TcCLB.509179.210	hypothetical protein, conserved	-0,2946	0,01074
TcCLB.506489.10	hypothetical protein, conserved	-0,2947	0,0001772
TcCLB.510027.10	GDP-mannose 4,6 dehydratase, putative	-0,2948	0,009183
TcCLB.508879.70	hypothetical protein, conserved	-0,295	0,02872
TcCLB.511627.90	hypothetical protein, conserved	-0,295	0,05583
TcCLB.508271.50	hypothetical protein	-0,2953	0,002348
TcCLB.509105.150	heat shock protein 85, putative	-0,2953	0,01064
TcCLB.506297.140	hypothetical protein, conserved	-0,2954	0,01602
TcCLB.509751.4	hypothetical protein, conserved (fragment)	-0,2955	0,1769
TcCLB.506559.4	hypothetical protein, conserved (fragment)	-0,2956	0,02028
TcCLB.506213.10	hypothetical protein, conserved	-0,2956	0,02031
TcCLB.511907.140	hypothetical protein	-0,2957	0,09619
TcCLB.507519.167	hypothetical protein	-0,2957	0,1341
TcCLB.506945.330	hypothetical protein, conserved	-0,2958	0,00008496
TcCLB.506925.340	hypothetical protein, conserved	-0,2959	0,02597
TcCLB.507049.130	hypothetical protein, conserved (pseudogene)	-0,2959	0,1384
TcCLB.511623.20	hypothetical protein, conserved	-0,296	0,05648
TcCLB.511717.190	hypothetical protein, conserved	-0,2961	0,02751
TcCLB.506821.160	hypothetical protein, conserved	-0,2962	0,008325
TcCLB.507993.33	hypothetical protein, conserved	-0,2963	0,04393
TcCLB.506265.209	hypothetical protein, conserved (fragment)	-0,2964	0,3349
TcCLB.508851.31	N-acetyltransferase complex ARD1 subunit (pseudogene),	-0,2967	0,2127
TcCLB.506695.30	protein kinase, putative	-0,2969	0,01735
TcCLB.508741.370	hypothetical protein, conserved	-0,2971	0,00007255
TcCLB.461515.10	mucin TcMUCl, putative (fragment)	-0,2972	0,02054
TcCLB.508257.40	hypothetical protein, conserved	-0,2973	0,005159
TcCLB.507823.10	hypothetical protein, conserved	-0,2974	0,01081
TcCLB.508881.100	hypothetical protein, conserved	-0,2975	0,001052
TcCLB.507633.110	mucin-associated surface protein (MASP, pseudogene), pi	-0,2976	0,2629
TcCLB.503779.100	hypothetical protein, conserved	-0,2977	0,01488
TcCLB.508207.270	hypothetical protein, conserved	-0,2979	0,001128
TcCLB.505007.39	hypothetical protein, conserved	-0,298	0,05138
TcCLB.506357.150	hypothetical protein, conserved	-0,2981	0,002938
TcCLB.419469.30	hypothetical protein, conserved	-0,2982	0,009721
TcCLB.510105.160	hypothetical protein	-0,2982	0,04114
TcCLB.503479.20	hypothetical protein, conserved (pseudogene)	-0,2985	0,09121
TcCLB.509965.160	hypothetical protein, conserved	-0,2986	0,04267
TcCLB.503419.40	hypothetical protein, conserved	-0,2987	0,01909
TcCLB.511717.10	hypothetical protein, conserved (pseudogene)	-0,2987	0,1744
TcCLB.508479.270	hypothetical protein, conserved	-0,2988	0,000466
TcCLB.506753.60	GDP-mannose transporter, putative	-0,2988	0,04197
TcCLB.510561.35	hypothetical protein	-0,2988	0,5011

TcCLB.504253.50	hypothetical protein, conserved	-0,2989	0,02247
TcCLB.508181.120	hypothetical protein, conserved	-0,299	0,002352
TcCLB.503929.40	hypothetical protein, conserved	-0,2992	0,04464
TcCLB.506709.10	hypothetical protein, conserved	-0,2994	0,00314
TcCLB.509047.30	hypothetical protein, conserved	-0,2995	0,06263
TcCLB.508351.50	rho-like GTP binding protein, putative	-0,2998	0,005756
TcCLB.508389.20	hypothetical protein	-0,2999	0,00247
TcCLB.439653.10	NADH-dependent fumarate reductase, putative	-0,2999	0,2404
TcCLB.506163.30	hypothetical protein, conserved	-0,3	0,01222
TcCLB.416891.19	hypothetical protein	-0,3	0,1445
TcCLB.506181.20	hypothetical protein, conserved	-0,3001	0,003909
TcCLB.510295.10	Enriched in surface-labeled proteome protein 18 (ESP18)	-0,3001	0,005139
TcCLB.510821.40	hypothetical protein, conserved	-0,3001	0,00749
TcCLB.506567.34	hypothetical protein, conserved	-0,3003	0,00286
TcCLB.503835.10	hypothetical protein, conserved	-0,3005	0,05139
TcCLB.510381.50	hypothetical protein, conserved	-0,3006	0,06532
TcCLB.511721.10	hypothetical protein, conserved	-0,3007	0,005436
TcCLB.509443.60	hypothetical protein, conserved	-0,3007	0,1142
TcCLB.509643.130	heat shock protein 85, putative	-0,3008	0,009834
TcCLB.507429.60	hypothetical protein	-0,3008	0,1557
TcCLB.508461.320	PRP8 protein homologue, putative	-0,301	0,00000919
TcCLB.509451.24	hypothetical protein, conserved (fragment)	-0,301	0,005418
TcCLB.508233.19	hypothetical protein, conserved	-0,301	0,07599
TcCLB.506605.50	hypothetical protein, conserved	-0,3011	0,001865
TcCLB.509777.100	ubiquitin-activating enzyme, putative	-0,3014	0,00272
TcCLB.508909.90	Protein kinase domain, putative	-0,3015	0,0005615
TcCLB.510431.160	nucleolar GTP-binding protein 1, putative	-0,3016	0,02791
TcCLB.506181.90	F-actin capping protein, putative	-0,3017	0,005527
TcCLB.511211.49	hypothetical protein, conserved	-0,3017	0,01161
TcCLB.506177.60	hypothetical protein	-0,3018	0,01157
TcCLB.508461.589	hypothetical protein, conserved (fragment)	-0,3018	0,1138
TcCLB.506925.200	hypothetical protein, conserved	-0,302	0,002131
TcCLB.504227.10	hypothetical protein, conserved	-0,3021	0,02023
TcCLB.509055.30	hypothetical protein, conserved	-0,3022	0,006846
TcCLB.506507.20	hypothetical protein, conserved	-0,3022	0,04388
TcCLB.510357.160	hypothetical protein, conserved (fragment)	-0,3022	0,1533
TcCLB.506529.40	hypothetical protein, conserved	-0,3023	0,04979
TcCLB.508409.80	hypothetical protein, conserved	-0,3024	0,0000621
TcCLB.507887.30	hypothetical protein, conserved	-0,3024	0,03786
TcCLB.506965.110	hypothetical protein	-0,3024	0,4694
TcCLB.509099.5	NUP-1 protein, putative (fragment)	-0,3025	0,02018
TcCLB.510767.60	hypothetical protein, conserved	-0,3025	0,02882
TcCLB.507085.130	hypothetical protein	-0,3025	0,415
TcCLB.506835.50	hypothetical protein	-0,3026	0,0005615
TcCLB.508533.40	ecotin, putative	-0,3027	0,02115

TcCLB.507941.100	hypothetical protein, conserved	-0,3028	0,00634
TcCLB.412093.10	antigenic protein (pseudogene), putative	-0,3028	0,1398
TcCLB.507041.55	mucin-associated surface protein (MASP, pseudogene), p	-0,3029	0,2637
TcCLB.511281.10	hypothetical protein, conserved	-0,303	0,03146
TcCLB.506127.160	hypothetical protein, conserved	-0,3031	0,006634
TcCLB.504009.60	hypothetical protein, conserved	-0,3034	0,002567
TcCLB.506925.10	hypothetical protein	-0,3035	0,1755
TcCLB.506647.10	hypothetical protein, conserved	-0,3037	0,003204
TcCLB.507885.10	RNA-binding protein, putative	-0,3037	0,04518
TcCLB.506295.90	coatomer subunit zeta, putative	-0,3038	0,04174
TcCLB.508971.10	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, p	-0,3039	0,05411
TcCLB.507991.20	protein kinase, putative	-0,304	0,01692
TcCLB.511167.40	hypothetical protein, conserved	-0,3041	0,03394
TcCLB.507071.294	surface protease GP63 (pseudogene), putative	-0,3041	0,5999
TcCLB.506679.240	hypothetical protein, conserved	-0,3042	0,01016
TcCLB.508505.40	hypothetical protein, conserved	-0,3043	0,01737
TcCLB.506951.70	surface protease GP63 (pseudogene), putative	-0,3044	0,2412
TcCLB.510297.80	DNA repair and transcription factor protein, putative	-0,3045	0,01537
TcCLB.506753.40	hypothetical protein, conserved	-0,3046	0,03586
TcCLB.503543.4	hypothetical protein, conserved (fragment)	-0,3046	0,09704
TcCLB.503851.40	hypothetical protein, conserved	-0,3047	0,005834
TcCLB.511625.4	hypothetical protein, conserved	-0,3047	0,0911
TcCLB.503923.10	hypothetical protein, conserved	-0,3049	0,00563
TcCLB.510421.100	hypothetical protein, conserved	-0,3051	0,006164
TcCLB.509099.120	hypothetical protein, conserved	-0,3052	0,02331
TcCLB.506011.30	hypothetical protein, conserved	-0,3052	0,09769
TcCLB.511211.210	hypothetical protein, conserved	-0,3052	0,1135
TcCLB.506691.90	serine/threonine protein kinase, putative	-0,3052	0,3853
TcCLB.507857.4	transcription elongation factor, putative	-0,3054	0,01204
TcCLB.510903.30	helicase-like protein, putative	-0,3055	0,006819
TcCLB.508545.30	hypothetical protein, conserved	-0,3056	0,1039
TcCLB.506835.80	CAS/CSE/importin domain protein, putative	-0,3057	0,0005635
TcCLB.508997.20	phosphatidylinositol 3-kinase, putative	-0,3057	0,001732
TcCLB.508919.80	hypothetical protein, conserved	-0,3057	0,01695
TcCLB.511231.40	hypothetical protein, conserved	-0,306	0,09362
TcCLB.509729.20	hypothetical protein, conserved	-0,3062	0,005175
TcCLB.507017.104	hypothetical protein	-0,3063	0,03422
TcCLB.511111.50	ubiquitin-conjugating enzyme, putative	-0,3063	0,3737
TcCLB.508501.10	hypothetical protein	-0,3064	0,2318
TcCLB.511807.33	expression site-associated gene (ESAG-like) protein, puta	-0,3065	0,003973
TcCLB.506221.20	hypothetical protein, conserved	-0,3066	0,0332
TcCLB.506247.460	hypothetical protein, conserved	-0,3067	0,008182
TcCLB.506679.20	hypothetical protein, conserved	-0,3067	0,1953
TcCLB.508699.50	hypothetical protein, conserved	-0,3069	0,004067
TcCLB.507317.30	hypothetical protein, conserved	-0,3071	0,03534

TcCLB.504243.49	hypothetical protein, conserved (fragment)	-0,3072	0,01182
TcCLB.511761.70	hypothetical protein, conserved	-0,3072	0,01182
TcCLB.511237.90	hypothetical protein, conserved	-0,3072	0,1386
TcCLB.503463.20	hypothetical protein, conserved	-0,3074	0,007399
TcCLB.510329.250	hypothetical protein, conserved	-0,3074	0,03747
TcCLB.510651.20	hypothetical protein, conserved	-0,3074	0,03846
TcCLB.503893.120	calcium uniporter protein, mitochondrial, putative	-0,3075	0,01551
TcCLB.511527.20	TFIIH basal transcription factor complex helicase XPB subunit	-0,3076	0,002467
TcCLB.511279.50	hypothetical protein, conserved	-0,3076	0,02788
TcCLB.508163.371	hypothetical protein, conserved (pseudogene)	-0,3076	0,2058
TcCLB.511263.30	hypothetical protein, conserved	-0,3077	0,0004454
TcCLB.503583.30	hypothetical protein, conserved	-0,3077	0,02318
TcCLB.507901.30	retrotransposon hot spot protein (RHS, pseudogene), putative	-0,3079	0,0149
TcCLB.508543.140	electron transfer flavoprotein-ubiquinone oxidoreductase, putative	-0,3079	0,1448
TcCLB.509671.160	DNA polymerase epsilon subunit B, putative	-0,308	0,008966
TcCLB.402647.9	hypothetical protein, conserved	-0,308	0,01934
TcCLB.503891.110	dolicholphosphate-mannose synthase, putative	-0,308	0,02064
TcCLB.511625.40	protein phosphatase 2C, putative	-0,308	0,03778
TcCLB.508269.40	hypothetical protein, conserved	-0,3081	0,1032
TcCLB.506855.370	hypothetical protein, conserved	-0,3082	0,00539
TcCLB.509065.90	hypothetical protein, conserved	-0,3083	0,0008372
TcCLB.508347.130	deoxyhypusine hydroxylase, putative	-0,3083	0,03602
TcCLB.507641.210	T-lymphocyte triggering factor, putative	-0,3084	0,0003807
TcCLB.506289.160	hypothetical protein	-0,3084	0,09528
TcCLB.508163.380	trans-sialidase (pseudogene), putative	-0,3086	0,3648
TcCLB.511255.529	surface protease GP63 (pseudogene), putative	-0,3087	0,2259
TcCLB.509085.90	retrotransposon hot spot protein (RHS, pseudogene), putative	-0,3089	0,1434
TcCLB.509939.10	hypothetical protein, conserved	-0,3092	0,0008606
TcCLB.509611.40	hypothetical protein, conserved	-0,3093	0,2212
TcCLB.508593.40	hypothetical protein, conserved	-0,3095	0,01583
TcCLB.506865.60	hypothetical protein, conserved	-0,3096	0,0002922
TcCLB.507639.110	hypothetical protein, conserved	-0,3096	0,006658
TcCLB.458153.10	serine/threonine protein phosphatase, putative (fragment)	-0,3096	0,05362
TcCLB.507809.110	hypothetical protein, conserved	-0,3098	0,005033
TcCLB.510291.40	serine/threonine protein kinase, putative	-0,3098	0,08428
TcCLB.506795.60	hypothetical protein, conserved	-0,3099	0,0008704
TcCLB.511665.60	trans-sialidase (pseudogene), putative	-0,3099	0,002199
TcCLB.506763.4	surface protease GP63 (pseudogene), putative	-0,3099	0,2054
TcCLB.511555.60	ubiquitin ligase, putative	-0,3101	9,293E-07
TcCLB.511041.20	hypothetical protein, conserved	-0,3101	0,0001474
TcCLB.511353.69	oxidoreductase-protein, putative	-0,3101	0,1168
TcCLB.508433.210	mucin TcMUCII (pseudogene), putative	-0,3101	0,387
TcCLB.508627.21	retrotransposon hot spot protein (RHS, pseudogene), putative	-0,3102	0,2152
TcCLB.503579.130	hypothetical protein, conserved	-0,3103	0,01247
TcCLB.508661.50	ribonuclease H, putative	-0,3104	0,03053

TcCLB.506637.50	hypothetical protein, conserved	-0,3104	0,03078
TcCLB.507647.39	hypothetical protein, conserved	-0,3105	0,1003
TcCLB.411915.10	glycine dehydrogenase [decarboxylating] (pseudogene), p	-0,3105	0,258
TcCLB.510409.50	hypothetical protein, conserved	-0,3106	0,02998
TcCLB.507669.50	hypothetical protein, conserved	-0,3107	0,00002234
TcCLB.508175.30	hypothetical protein, conserved	-0,3107	0,04364
TcCLB.506993.140	hypothetical protein	-0,3107	0,3959
TcCLB.503675.40	hypothetical protein, conserved	-0,3108	0,006701
TcCLB.509617.30	mismatch repair protein MSH5, putative	-0,3108	0,02016
TcCLB.506243.135	hypothetical protein, conserved (pseudogene)	-0,3108	0,1872
TcCLB.506399.10	sigma-adaptin 3, putative	-0,3109	0,3428
TcCLB.511611.5	mucin TcMUCII (pseudogene), putative	-0,311	0,5498
TcCLB.507067.30	mucin-associated surface protein (MASP, pseudogene), p	-0,3112	0,1193
TcCLB.508173.80	hypothetical protein, conserved	-0,3118	0,0004084
TcCLB.505009.10	hypothetical protein, conserved	-0,3118	0,01574
TcCLB.503989.60	protein phosphatase 2C, putative (fragment)	-0,3118	0,02912
TcCLB.508491.9	hypothetical protein, conserved	-0,3118	0,1002
TcCLB.511283.180	hypothetical protein, conserved	-0,3119	0,0002851
TcCLB.504149.90	hypothetical protein, conserved	-0,3119	0,0003425
TcCLB.509491.10	hypothetical protein, conserved	-0,3119	0,01831
TcCLB.511277.250	hypothetical protein, conserved	-0,3121	0,0003745
TcCLB.504173.60	hypothetical protein, conserved	-0,3121	0,001766
TcCLB.503775.10	surface protease GP63 (pseudogene), putative	-0,3126	0,194
TcCLB.510525.60	hypothetical protein, conserved	-0,3128	0,01516
TcCLB.510121.30	actin-like protein, putative	-0,3128	0,0373
TcCLB.506355.120	hypothetical protein, conserved	-0,3131	0,0003182
TcCLB.508625.80	hypothetical protein, conserved	-0,3132	0,006246
TcCLB.507611.300	U1A small nuclear ribonucleoprotein, putative	-0,3132	0,06406
TcCLB.506475.80	WD40 repeat-containing protein	-0,3133	0,0001296
TcCLB.509453.10	hypothetical protein, conserved	-0,3134	0,003267
TcCLB.507949.120	Transmembrane protein 231, putative	-0,3134	0,005137
TcCLB.506213.30	hypothetical protein, conserved	-0,3137	0,0455
TcCLB.507941.14	hypothetical protein, conserved	-0,3137	0,1752
TcCLB.503855.30	adenylosuccinate lyase, putative (ADSL)	-0,314	0,0003016
TcCLB.508221.1050	trans-sialidase, putative	-0,3141	0,2778
TcCLB.511711.100	hypothetical protein, conserved	-0,3142	0,00475
TcCLB.507501.5	trans-sialidase, putative (fragment)	-0,3143	0,5324
TcCLB.507647.30	hypothetical protein, conserved	-0,3144	0,09145
TcCLB.504053.10	hypothetical protein, conserved (pseudogene)	-0,3146	0,0002076
TcCLB.507357.110	hypothetical protein, conserved (pseudogene)	-0,3146	0,4359
TcCLB.504057.104	phosphatidylinositol phosphate kinase alpha (PIPKA)	-0,3147	0,00616
TcCLB.508177.64	hypothetical protein, conserved	-0,3147	0,01054
TcCLB.506605.220	hypothetical protein, conserved	-0,3149	0,005778
TcCLB.510889.130	hypothetical protein	-0,3149	0,09089
TcCLB.506367.160	hypothetical protein, conserved	-0,3151	0,005041

TcCLB.510565.110	hypothetical protein	-0,3154	0,07567
TcCLB.509161.30	OSM3-like kinesin, putative	-0,3155	0,000146
TcCLB.510729.60	hypothetical protein, conserved	-0,3155	0,05107
TcCLB.510187.520	hypothetical protein, conserved	-0,3156	0,009233
TcCLB.509399.20	metacaspase, putative	-0,3159	0,04836
TcCLB.508919.20	hypothetical protein, conserved	-0,316	0,0004354
TcCLB.508797.10	tubulin-tyrosine ligase-like protein, putative	-0,316	0,0006591
TcCLB.506941.250	hypothetical protein, conserved	-0,3161	0,003479
TcCLB.506725.10	hypothetical protein, conserved	-0,3161	0,01081
TcCLB.508125.22	mucin TcMUCII (pseudogene), putative	-0,3161	0,3098
TcCLB.508221.460	mucin-associated surface protein (MASP, pseudogene), pu	-0,3162	0,3057
TcCLB.508643.40	hypothetical protein, conserved	-0,3163	0,00005857
TcCLB.508051.20	hypothetical protein, conserved	-0,3163	0,002587
TcCLB.508507.30	calcium uniporter protein, mitochondrial, putative	-0,3163	0,02994
TcCLB.508257.244	hypothetical protein, conserved	-0,3164	0,06353
TcCLB.507993.210	hypothetical protein, conserved	-0,3166	0,001943
TcCLB.508461.300	hypothetical protein, conserved	-0,3167	0,001974
TcCLB.510763.80	DNA polymerase epsilon subunit B, putative	-0,3167	0,01275
TcCLB.503945.40	6-phosphogluconolactonase, putative	-0,3167	0,04428
TcCLB.510565.141	hypothetical protein, conserved	-0,3168	0,06316
TcCLB.508943.30	RNA-binding protein, putative	-0,317	0,01126
TcCLB.509977.15	surface protease GP63 (pseudogene), putative	-0,317	0,1909
TcCLB.509065.150	hypothetical protein, conserved	-0,3171	0,01253
TcCLB.504167.7	hypothetical protein, conserved	-0,3172	0,07593
TcCLB.419417.10	hypothetical protein, conserved	-0,3172	0,1903
TcCLB.508493.110	mucin-associated surface protein (MASP), putative	-0,3173	0,1037
TcCLB.506635.120	kinesin, putative	-0,3174	0,001447
TcCLB.510661.220	hypothetical protein, conserved	-0,3174	0,008872
TcCLB.511557.70	hypothetical protein, conserved	-0,3175	0,0002051
TcCLB.509961.30	hypothetical protein, conserved	-0,3175	0,00317
TcCLB.506475.14	phosphatidylinositol 3-kinase, putative	-0,3175	0,007231
TcCLB.509287.150	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,3178	0,004748
TcCLB.509105.140	heat shock protein 85, putative	-0,3178	0,0056
TcCLB.509047.50	metallo-beta-lactamase superfamily, putative	-0,3178	0,03729
TcCLB.510963.20	hypothetical protein, conserved	-0,3182	0,002749
TcCLB.508439.30	hypothetical protein, conserved	-0,3183	0,003814
TcCLB.511803.20	A/G-specific adenine glycosylase, putative	-0,3184	0,004819
TcCLB.511667.140	trans-sialidase (pseudogene), putative	-0,3185	0,01251
TcCLB.506315.40	hypothetical protein, conserved	-0,3187	0,0006827
TcCLB.506755.70	hypothetical protein, conserved	-0,3187	0,0102
TcCLB.510729.150	tubulin tyrosine ligase, putative	-0,3188	0,0005292
TcCLB.511287.20	hypothetical protein, conserved	-0,3188	0,001936
TcCLB.510101.460	hypothetical protein, conserved	-0,3189	0,004617
TcCLB.507515.100	hypothetical protein, conserved	-0,3189	0,09617
TcCLB.507093.130	hypothetical protein, conserved	-0,3192	0,0008898

TcCLB.508343.10	trans-sialidase, putative	-0,3193	0,6293
TcCLB.510293.79	GPI transamidase component Tta2, putative (fragment) (	-0,3197	0,01393
TcCLB.503521.10	hypothetical protein	-0,3198	0,001756
TcCLB.510533.60	hypothetical protein, conserved	-0,3198	0,01926
TcCLB.508999.127	mucin-associated surface protein (MASP, pseudogene), pi	-0,3198	0,314
TcCLB.506287.150	GTP-binding protein, putative	-0,3199	0,001467
TcCLB.511523.10	GTPase activating protein of Rab-like GTPase, putative	-0,3199	0,01182
TcCLB.508213.40	hypothetical protein, conserved	-0,3199	0,03709
TcCLB.508405.100	hypothetical protein, conserved	-0,32	0,03216
TcCLB.504105.10	hypothetical protein, conserved	-0,3201	0,01027
TcCLB.509965.240	hypothetical protein, conserved	-0,3201	0,01029
TcCLB.509871.21	N-acetyltransferase complex ARD1 subunit (pseudogene),	-0,3202	0,5295
TcCLB.506333.19	kinesin, putative (fragment)	-0,3203	0,0002769
TcCLB.507993.300	hypothetical protein, conserved	-0,3203	0,0261
TcCLB.506159.10	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,3204	0,02906
TcCLB.510523.29	hypothetical protein, conserved (fragment)	-0,3205	0,05827
TcCLB.506529.490	hypothetical protein, conserved	-0,3207	0,007343
TcCLB.503781.10	hypothetical protein, conserved	-0,3208	0,0001259
TcCLB.506249.50	hypothetical protein, conserved	-0,3209	0,05185
TcCLB.508659.50	serine/threonine protein kinase, putative	-0,3209	0,05206
TcCLB.509005.30	hypothetical protein, conserved	-0,321	0,007531
TcCLB.508489.30	hypothetical protein, conserved	-0,3212	0,009646
TcCLB.506633.20	hypothetical protein, conserved	-0,3215	0,002522
TcCLB.506765.10	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,3216	0,1648
TcCLB.511183.570	syntaxin binding protein (pseudogene), putative	-0,3216	0,3333
TcCLB.511019.54	ATP-dependent DEAD/H RNA helicase (pseudogene), puta	-0,3217	0,2847
TcCLB.507053.130	hypothetical protein, conserved	-0,322	0,003345
TcCLB.503679.30	hypothetical protein, conserved	-0,322	0,01317
TcCLB.507639.70	hypothetical protein, conserved	-0,3222	0,03286
TcCLB.511143.39	hypothetical protein, conserved	-0,3223	0,04992
TcCLB.510091.14	hypothetical protein, conserved	-0,3223	0,06661
TcCLB.508707.227	ATP binding protein-like protein, putative	-0,3224	0,02848
TcCLB.507945.20	hypothetical protein, conserved	-0,3225	0,0171
TcCLB.509971.90	trans-sialidase, putative (fragment)	-0,3225	0,3319
TcCLB.504125.60	Kinesin-13 3, putative (KIN13-3)	-0,3227	0,00001668
TcCLB.503727.29	hypothetical protein	-0,3227	0,003712
TcCLB.510731.100	hypothetical protein, conserved	-0,3227	0,01635
TcCLB.511019.60	hypothetical protein, conserved (pseudogene)	-0,3228	0,0083
TcCLB.507011.110	hypothetical protein	-0,3228	0,01418
TcCLB.509319.10	hypothetical protein, conserved	-0,3232	0,008985
TcCLB.508347.110	hypothetical protein, conserved	-0,3232	0,02862
TcCLB.504397.20	surface protease GP63, putative	-0,3232	0,1436
TcCLB.506211.114	C-terminal motor kinesin, putative	-0,3234	0,0000184
TcCLB.506793.30	kinesin, putative	-0,3234	0,0002519
TcCLB.508647.100	hypothetical protein, conserved	-0,3238	0,0003168

TcCLB.508163.120	mucin-associated surface protein (MASP, pseudogene), p	-0,3238	0,08969
TcCLB.506925.220	hypothetical protein, conserved	-0,3241	0,008792
TcCLB.509671.164	hypothetical protein, conserved	-0,3243	0,01591
TcCLB.503747.30	hypothetical protein	-0,3243	0,02671
TcCLB.505999.24	hypothetical protein, conserved	-0,3243	0,03724
TcCLB.503911.10	hypothetical protein	-0,3243	0,2643
TcCLB.510295.50	protein kinase, putative	-0,3244	0,007163
TcCLB.506753.210	hypothetical protein, conserved	-0,3248	0,0203
TcCLB.504119.20	hypothetical protein, conserved	-0,3251	0,001893
TcCLB.511273.59	5-oxoprolinase, putative	-0,3251	0,00248
TcCLB.509287.80	trans-sialidase, Group VII, putative	-0,3251	0,003126
TcCLB.506879.109	protein kinase, putative	-0,3251	0,04683
TcCLB.511671.120	U5 snRNP-specific 40 kDa protein, putative	-0,3252	0,008655
TcCLB.432067.20	hypothetical protein, conserved (pseudogene)	-0,3252	0,1794
TcCLB.509875.180	hypothetical protein	-0,3253	0,05456
TcCLB.511861.7	elongation factor 1-gamma (EF-1-gamma), putative	-0,3253	0,3279
TcCLB.511633.50	hypothetical protein, conserved	-0,3254	0,0003951
TcCLB.511887.30	trans-sialidase (pseudogene), putative	-0,3257	0,04628
TcCLB.509979.187	surface protease GP63 (pseudogene), putative	-0,3257	0,2624
TcCLB.505965.20	hypothetical protein, conserved	-0,3259	0,008761
TcCLB.507957.140	trans-sialidase (pseudogene), putative	-0,3259	0,04225
TcCLB.506213.20	hypothetical protein, conserved	-0,3261	0,02696
TcCLB.506211.80	hypothetical protein, conserved	-0,3262	0,007184
TcCLB.506941.100	hypothetical protein, conserved	-0,3263	0,000247
TcCLB.511361.80	hypothetical protein, conserved	-0,3267	0,01564
TcCLB.507993.120	synaptotagmin, putative	-0,3267	0,03813
TcCLB.506783.30	elongation factor 1-gamma (EF-1-gamma), putative	-0,3268	0,2365
TcCLB.509753.10	hypothetical protein, conserved (pseudogene)	-0,3269	0,3414
TcCLB.511145.89	hypothetical protein, conserved	-0,327	0,03699
TcCLB.506733.60	N(2), N(2)-dimethylguanosine tRNA methyltransferase, p	-0,3273	0,001993
TcCLB.511903.230	hypothetical protein, conserved	-0,3277	0,006972
TcCLB.508693.60	hypothetical protein, conserved	-0,3277	0,01358
TcCLB.510719.120	hypothetical protein, conserved	-0,328	0,0005653
TcCLB.507785.20	proteasome subunit alpha type-1, putative (fragment) (PS	-0,3282	0,3814
TcCLB.503419.60	Enriched in surface-labeled proteome protein 15 (ESP15)	-0,3283	0,001338
TcCLB.510825.10	hypothetical protein, conserved	-0,3284	0,008564
TcCLB.503573.9	ATP-binding cassette transporter ABCA1, putative (ABCA1	-0,3285	0,03589
TcCLB.503981.20	hypothetical protein, conserved	-0,3286	0,02492
TcCLB.511451.110	hypothetical protein, conserved (pseudogene)	-0,3286	0,3363
TcCLB.508479.380	hypothetical protein, conserved	-0,3287	0,001709
TcCLB.511587.120	Octanoyltransferase, putative	-0,3287	0,1867
TcCLB.510089.170	casein kinase I, putative	-0,329	0,02632
TcCLB.510533.220	hypothetical protein, conserved	-0,3291	0,001431
TcCLB.504229.100	trans-sialidase (pseudogene), putative	-0,3291	0,06124
TcCLB.506733.20	AMP deaminase, putative	-0,3293	0,0002368



TcCLB.507093.90	hypothetical protein, conserved	-0,3294	0,00211
TcCLB.511173.440	trans-sialidase, Group V, putative	-0,3294	0,1298
TcCLB.506239.60	hypothetical protein, conserved	-0,3295	0,02658
TcCLB.506563.90	calpain-like cysteine peptidase (pseudogene), putative	-0,3295	0,03449
TcCLB.511367.30	hypothetical protein	-0,3295	0,2897
TcCLB.503813.10	hypothetical protein, conserved	-0,3298	0,000972
TcCLB.416883.9	hypothetical protein, conserved (fragment)	-0,3298	0,01417
TcCLB.506747.30	ubiquitin hydrolase, putative	-0,3299	0,0002028
TcCLB.506859.100	hypothetical protein, conserved	-0,3299	0,1076
TcCLB.509967.180	hypothetical protein, conserved	-0,3301	0,003972
TcCLB.506253.11	hypothetical protein, conserved (pseudogene)	-0,3301	0,1256
TcCLB.506789.270	hypothetical protein, conserved	-0,3302	0,0001702
TcCLB.504149.220	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,3302	0,005584
TcCLB.507839.9	Myotubularin-related protein, putative (fragment)	-0,3304	0,03947
TcCLB.510025.80	hypothetical protein, conserved (pseudogene)	-0,3304	0,06407
TcCLB.506315.90	serine/threonine protein kinase, putative	-0,3305	0,0007321
TcCLB.511903.240	hypothetical protein, conserved	-0,3305	0,0009035
TcCLB.511583.30	hypothetical protein, conserved	-0,3306	0,01039
TcCLB.510283.60	hypothetical protein, conserved	-0,3306	0,03227
TcCLB.503581.20	PPlase, putative	-0,3307	0,04093
TcCLB.506885.380	hypothetical protein, conserved	-0,3308	0,004933
TcCLB.505183.160	hypothetical protein, conserved	-0,3308	0,006374
TcCLB.509617.89	Zn-finger protein, putative (fragment)	-0,3308	0,006415
TcCLB.510743.90	hypothetical protein, conserved	-0,3311	0,009402
TcCLB.511423.170	chaperone DNAJ protein, putative	-0,3311	0,0217
TcCLB.508819.30	hypothetical protein, conserved	-0,3313	0,003696
TcCLB.508873.514	mucin TcMUC (pseudogene), putative	-0,3314	0,2775
TcCLB.509799.130	hypothetical protein, conserved	-0,3315	0,0003168
TcCLB.506855.300	hypothetical protein, conserved	-0,3315	0,001423
TcCLB.510317.34	unspecified product	-0,3315	0,1652
TcCLB.503973.64	hypothetical protein, conserved (pseudogene)	-0,3316	0,3649
TcCLB.504045.80	hypothetical protein, conserved	-0,3317	0,014
TcCLB.509617.70	subtilisin-like serine peptidase, putative	-0,3318	0,0004826
TcCLB.510421.264	hypothetical protein, conserved	-0,3318	0,07338
TcCLB.510755.40	hypothetical protein, conserved	-0,3321	0,0251
TcCLB.511923.40	hypothetical protein, conserved (pseudogene)	-0,3321	0,1086
TcCLB.506799.10	fatty acid transporter protein-like, putative	-0,3323	0,000438
TcCLB.506575.20	hypothetical protein, conserved	-0,3323	0,1594
TcCLB.510379.20	hypothetical protein (fragment)	-0,3323	0,2787
TcCLB.507991.110	hypothetical protein, conserved	-0,3324	0,001891
TcCLB.510617.19	hypothetical protein, conserved	-0,3327	0,01583
TcCLB.510723.20	hypothetical protein	-0,3328	0,0007389
TcCLB.506435.370	surface protease GP63, putative	-0,3329	0,01928
TcCLB.509399.9	helicase, putative	-0,333	0,001059
TcCLB.508257.50	actin-like protein, putative	-0,333	0,01962

TcCLB.509073.90	hypothetical protein, conserved	-0,3331	0,001492
TcCLB.503919.20	hypothetical protein, conserved	-0,3331	0,05809
TcCLB.503583.20	hypothetical protein, conserved	-0,3332	0,01453
TcCLB.506811.110	hypothetical protein, conserved	-0,3334	0,0002541
TcCLB.507793.40	hypothetical protein, conserved	-0,3337	0,02302
TcCLB.503879.10	DNA polymerase delta subunit 2, putative	-0,3339	0,003321
TcCLB.509775.40	iron superoxide dismutase, putative	-0,3339	0,03397
TcCLB.509671.168	hypothetical protein, conserved	-0,3339	0,06001
TcCLB.503879.20	hypothetical protein, conserved	-0,334	0,002492
TcCLB.509937.140	hypothetical protein, conserved	-0,3341	0,003702
TcCLB.510657.100	hypothetical protein, conserved	-0,3342	0,0002883
TcCLB.504741.124	hypothetical protein, conserved	-0,3344	0,1231
TcCLB.505193.50	hypothetical protein	-0,3344	0,1547
TcCLB.508963.40	trans-sialidase (pseudogene), putative	-0,3345	0,008759
TcCLB.510817.21	hypothetical protein	-0,3346	0,07994
TcCLB.449759.9	hypothetical protein, conserved	-0,3347	0,02204
TcCLB.511545.100	hypothetical protein, conserved	-0,3349	0,0001544
TcCLB.504011.60	hypothetical protein, conserved	-0,3349	0,004172
TcCLB.507951.290	hypothetical protein, conserved	-0,335	0,04862
TcCLB.506885.300	hypothetical protein, conserved	-0,3352	0,02818
TcCLB.508479.160	hypothetical protein, conserved	-0,3353	0,0001134
TcCLB.511881.10	GCN5-like protein, putative	-0,3353	0,1166
TcCLB.511031.40	hypothetical protein, conserved	-0,3354	0,01222
TcCLB.511461.10	hypothetical protein, conserved	-0,3354	0,01372
TcCLB.503897.80	deaminase, putative	-0,3354	0,02699
TcCLB.508207.31	hypothetical protein	-0,3358	0,02436
TcCLB.509453.30	GCN5-like protein, putative	-0,3359	0,04922
TcCLB.508625.50	6-phosphofructo-2-kinase/fructose-2,6-bisphosphatas, pu	-0,336	0,007822
TcCLB.509143.10	hypothetical protein, conserved	-0,3362	0,00026
TcCLB.510629.80	trans-sialidase (pseudogene), putative	-0,3363	0,458
TcCLB.506265.70	hypothetical protein, conserved	-0,3365	0,001486
TcCLB.511287.180	Associated kinase of Tb14-3-3, putative (AKB1)	-0,3369	0,06902
TcCLB.511383.20	kinesin, putative	-0,337	0,0009761
TcCLB.448387.9	hypothetical protein, conserved	-0,337	0,006254
TcCLB.503723.80	hypothetical protein, conserved	-0,3371	0,00458
TcCLB.509655.20	hypothetical protein, conserved (pseudogene)	-0,3371	0,1441
TcCLB.508793.30	palmitoyl acyltransferase 8, putative	-0,3372	0,02848
TcCLB.506811.100	hypothetical protein, conserved	-0,3373	0,006772
TcCLB.506483.60	hypothetical protein, conserved	-0,3373	0,01002
TcCLB.510623.80	trans-sialidase (pseudogene), putative	-0,3375	0,1881
TcCLB.508257.60	hypothetical protein, conserved	-0,3376	0,01908
TcCLB.505807.130	hypothetical protein, conserved	-0,3377	0,1361
TcCLB.508939.40	hypothetical protein	-0,3377	0,3437
TcCLB.510359.60	hypothetical protein, conserved	-0,3379	0,009138
TcCLB.509007.70	hypothetical protein, conserved	-0,3382	0,0007622

TcCLB.508307.44	hypothetical protein, conserved	-0,3382	0,0007725
TcCLB.506991.19	hypothetical protein, conserved	-0,3383	0,03809
TcCLB.508495.210	mucin-associated surface protein (MASP, pseudogene), pu	-0,3384	0,2619
TcCLB.509737.19	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,3386	0,1416
TcCLB.506413.89	trans-sialidase, putative	-0,3389	0,0004565
TcCLB.511725.140	mitochondrial carrier protein, putative	-0,3389	0,002169
TcCLB.507993.160	UDP-galactopyranose mutase (GLF)	-0,339	0,001154
TcCLB.510241.40	hypothetical protein, conserved	-0,339	0,005294
TcCLB.511511.100	hypothetical protein, conserved	-0,3393	0,00002341
TcCLB.506341.20	hypothetical protein, conserved	-0,3394	0,0247
TcCLB.506123.30	protein kinase, putative	-0,3396	0,00004272
TcCLB.511151.30	hypothetical protein, conserved	-0,3397	0,02575
TcCLB.504115.50	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,3397	0,04525
TcCLB.507467.119	hypothetical protein, conserved	-0,3398	0,01828
TcCLB.503971.5	hypothetical protein, conserved	-0,3398	0,2841
TcCLB.511173.241	mucin TcMUCII (pseudogene), putative	-0,3398	0,2887
TcCLB.511131.50	U4/U6 small nuclear ribonuclear protein, putative	-0,3399	0,0007451
TcCLB.506337.40	glycosyl transferase-like protein, putative	-0,34	0,01265
TcCLB.507709.110	hypothetical protein, conserved	-0,34	0,06577
TcCLB.507357.50	hypothetical protein	-0,3401	0,2853
TcCLB.511283.190	U2 small nuclear ribonucleoprotein 40K, putative	-0,3404	0,0007975
TcCLB.511683.30	hypothetical protein, conserved	-0,3405	0,0005535
TcCLB.510165.90	trans-sialidase (pseudogene), putative	-0,3406	0,06992
TcCLB.508295.40	mucin-associated surface protein (MASP), putative	-0,3411	0,4005
TcCLB.506317.30	hypothetical protein, conserved (pseudogene)	-0,3414	0,001631
TcCLB.508357.20	hypothetical protein, conserved	-0,3414	0,05596
TcCLB.511217.50	hypothetical protein, conserved	-0,3415	0,00001623
TcCLB.510609.120	hypothetical protein, conserved	-0,3417	0,0005745
TcCLB.510059.10	dispersed gene family protein 1 (DGF-1), putative	-0,3418	0,3582
TcCLB.503663.4	hypothetical protein, conserved (fragment)	-0,3419	0,02738
TcCLB.509297.10	hypothetical protein, conserved	-0,342	0,01853
TcCLB.503879.90	hypothetical protein, conserved	-0,3421	0,0006992
TcCLB.506559.310	hypothetical protein, conserved	-0,3422	0,0004151
TcCLB.511733.110	GTPase activating protein of Rab-like GTPase, putative	-0,3422	0,002437
TcCLB.506361.44	mucin TcMUC (pseudogene), putative	-0,3423	0,1349
TcCLB.504153.290	hypothetical protein, conserved	-0,3424	0,00172
TcCLB.509893.29	hypothetical protein, conserved	-0,3424	0,0209
TcCLB.507099.110	hypothetical protein, conserved	-0,3425	0,002823
TcCLB.506565.4	RNA-binding protein, putative	-0,3425	0,1956
TcCLB.506583.4	serine/threonine protein kinase, putative	-0,3428	0,02083
TcCLB.506715.50	SNARE domain-containing protein, putative (SNARE2.2)	-0,343	0,001539
TcCLB.503885.80	hypothetical protein, conserved	-0,343	0,003341
TcCLB.509073.60	hypothetical protein, conserved	-0,343	0,006046
TcCLB.509157.250	hypothetical protein, conserved	-0,3432	0,0003319
TcCLB.508235.20	mucin TcMUCIII, putative	-0,3432	0,05394

TcCLB.506605.170	inosine-guanine nucleoside hydrolase, putative (IG-NH)	-0,3433	0,002582
TcCLB.508051.40	hypothetical protein, conserved	-0,3433	0,01267
TcCLB.510647.69	hypothetical protein, conserved	-0,3434	0,1509
TcCLB.511761.80	hypothetical protein	-0,3437	0,001032
TcCLB.506451.35	hypothetical protein	-0,3437	0,1611
TcCLB.508875.10	hypothetical protein (fragment)	-0,3437	0,2763
TcCLB.508969.40	dispersed gene family protein 1 (DGF-1), putative	-0,3439	0,3119
TcCLB.506249.20	protein transport protein Sec23A, putative	-0,344	0,00007948
TcCLB.511367.220	hypothetical protein, conserved	-0,3441	0,002094
TcCLB.508919.110	hypothetical protein, conserved	-0,3441	0,03006
TcCLB.509847.10	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,3444	0,1174
TcCLB.510187.340	hypothetical protein, conserved	-0,3445	0,0006516
TcCLB.509085.20	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,3447	0,377
TcCLB.507001.50	hypothetical protein, conserved	-0,3448	0,0002118
TcCLB.511735.34	hypothetical protein, conserved	-0,3449	0,01886
TcCLB.509599.20	hypothetical protein, conserved (fragment)	-0,3451	0,00889
TcCLB.507515.120	sphingosine kinase A, B, putative	-0,3453	0,0008444
TcCLB.508153.510	serine/threonine-protein kinase Nek, putative	-0,3453	0,001433
TcCLB.507041.76	hypothetical protein, conserved (pseudogene)	-0,3453	0,02442
TcCLB.508891.90	hypothetical protein, conserved	-0,3454	0,000593
TcCLB.509805.80	hypothetical protein, conserved	-0,3456	0,003168
TcCLB.507241.39	ABC transporter, putative	-0,3458	0,0003336
TcCLB.508711.49	hypothetical protein, conserved	-0,3465	0,00007344
TcCLB.510031.60	methionyl-tRNA formyltransferase, putative	-0,3465	0,001326
TcCLB.511021.99	hypothetical protein, conserved	-0,3465	0,03254
TcCLB.509895.70	hypothetical protein, conserved	-0,3465	0,1438
TcCLB.511283.90	N-myristoyl transferase, putative	-0,3469	0,00268
TcCLB.510423.40	hypothetical protein, conserved	-0,347	0,00003903
TcCLB.503987.50	hypothetical protein, conserved	-0,347	0,003361
TcCLB.506925.490	hypothetical protein, conserved	-0,347	0,00991
TcCLB.508707.120	hypothetical protein, conserved	-0,3471	0,0002478
TcCLB.504149.80	hypothetical protein, conserved	-0,3471	0,0003963
TcCLB.506177.90	hypothetical protein, conserved	-0,3473	0,06417
TcCLB.510975.30	hypothetical protein, conserved	-0,3474	0,0008713
TcCLB.508951.29	actin-like protein, putative	-0,3474	0,004121
TcCLB.427789.39	hypothetical protein, conserved	-0,3474	0,02012
TcCLB.510499.20	hypothetical protein	-0,3477	0,2781
TcCLB.503893.150	hypothetical protein, conserved	-0,3479	0,009479
TcCLB.509157.50	hypothetical protein	-0,348	0,0001353
TcCLB.503789.40	signal recognition particle (pseudogene), putative	-0,3482	0,00009775
TcCLB.506773.100	protein kinase, putative	-0,3482	0,0001206
TcCLB.506865.10	ARP2/3 complex subunit, putative	-0,3483	0,005103
TcCLB.511321.4	O-sialoglycoprotein endopeptidase, putative	-0,3483	0,1252
TcCLB.508265.110	hypothetical protein, conserved	-0,3484	0,0005105
TcCLB.510323.10	protein kinase, putative	-0,3484	0,002602

TcCLB.506869.4	hypothetical protein, conserved	-0,3485	0,002119
TcCLB.509979.330	surface protease GP63 (pseudogene), putative	-0,3489	0,04783
TcCLB.510119.50	hypothetical protein, conserved	-0,349	0,001767
TcCLB.506267.75	hypothetical protein, conserved (pseudogene)	-0,3492	0,1167
TcCLB.509053.40	hypothetical protein, conserved	-0,3494	0,0005869
TcCLB.510781.30	tryptophanyl-tRNA synthetase (pseudogene), putative	-0,3497	0,3853
TcCLB.510761.60	casein kinase II, putative	-0,3499	0,0007607
TcCLB.510061.60	dispersed gene family protein 1 (DGF-1), putative	-0,3499	0,4843
TcCLB.510741.140	hypothetical protein, conserved	-0,3501	0,0009717
TcCLB.506821.130	hypothetical protein, conserved	-0,3502	0,00007248
TcCLB.509099.30	paraflagellar rod protein 5, putative (PFR5)	-0,3502	0,003772
TcCLB.507687.60	trans-sialidase (pseudogene), putative	-0,3504	0,1862
TcCLB.506833.50	hypothetical protein, conserved	-0,3505	0,00007521
TcCLB.506779.120	hypothetical protein, conserved	-0,3505	0,0002511
TcCLB.508153.360	hypothetical protein, conserved	-0,3505	0,01696
TcCLB.506775.110	hypothetical protein, conserved	-0,3508	0,0004987
TcCLB.506919.20	trans-sialidase (pseudogene), putative	-0,3513	0,4062
TcCLB.508717.50	hypothetical protein, conserved	-0,3514	0,002926
TcCLB.504643.10	kinesin (pseudogene), putative	-0,3515	0,0001189
TcCLB.507993.320	RNA-binding protein 27, putative (RBP27)	-0,3515	0,001755
TcCLB.511079.71	mucin TcMUC (pseudogene), putative	-0,3517	0,2166
TcCLB.506951.103	hypothetical protein	-0,3517	0,3865
TcCLB.508805.10	pre-mRNA splicing factor ATP-dependent RNA helicase (p	-0,3519	0,00451
TcCLB.508387.30	hypothetical protein, conserved	-0,3522	0,001091
TcCLB.503779.60	hypothetical protein, conserved	-0,3522	0,001602
TcCLB.506575.60	diacylglycerol kinase, putative	-0,3522	0,001911
TcCLB.509743.40	trans-sialidase, putative	-0,3522	0,3652
TcCLB.508441.60	hypothetical protein, conserved	-0,3524	0,00135
TcCLB.511491.40	hypothetical protein, conserved	-0,3525	0,00001724
TcCLB.506679.90	RNA editing complex protein MP67, putative	-0,3526	0,0001919
TcCLB.504625.40	hypothetical protein, conserved	-0,3527	0,0007511
TcCLB.511919.20	trans-sialidase, Group V, putative	-0,3527	0,02865
TcCLB.508525.20	hypothetical protein, conserved	-0,3528	0,00001125
TcCLB.506459.100	surface protease GP63 (pseudogene), putative	-0,3528	0,2854
TcCLB.510075.50	hypothetical protein, conserved	-0,3529	0,00006226
TcCLB.505807.240	hypothetical protein, conserved	-0,353	0,004628
TcCLB.507049.30	hypothetical protein, conserved	-0,353	0,007905
TcCLB.508913.39	O-sialoglycoprotein endopeptidase, putative	-0,353	0,04184
TcCLB.504187.21	trans-sialidase (pseudogene), putative	-0,353	0,07476
TcCLB.509195.40	mucin TcMUCII, putative	-0,3532	0,1498
TcCLB.507681.120	hypothetical protein, conserved (pseudogene)	-0,3533	0,00622
TcCLB.504985.10	hypothetical protein	-0,3533	0,237
TcCLB.509683.60	hypothetical protein, conserved	-0,3537	0,002313
TcCLB.507491.110	hypothetical protein	-0,3539	0,000134
TcCLB.506947.30	hypothetical protein, conserved	-0,3539	0,0158

TcCLB.507795.20	hypothetical protein, conserved	-0,3543	0,003501
TcCLB.507257.10	hypothetical protein, conserved	-0,3543	0,01111
TcCLB.507031.100	hypothetical protein, conserved	-0,3545	0,02615
TcCLB.503419.20	adenosine deaminase-like protein, putative (ADAT1h)	-0,3546	0,001819
TcCLB.509937.80	hypothetical protein, conserved	-0,3546	0,002315
TcCLB.467465.10	surface protease GP63, putative	-0,3548	0,3954
TcCLB.507017.90	hypothetical protein, conserved	-0,3551	0,006729
TcCLB.511417.120	DNA repair protein BRCA2 (pseudogene), putative	-0,3554	0,0005656
TcCLB.504153.210	hypothetical protein	-0,3554	0,02358
TcCLB.401569.10	trans-sialidase, putative	-0,3554	0,133
TcCLB.508795.19	protein kinase, putative (fragment)	-0,3555	0,0003226
TcCLB.509561.50	hypothetical protein, conserved	-0,3557	0,003484
TcCLB.509573.10	small GTP-binding protein Rab7, putative	-0,3557	0,00485
TcCLB.504179.20	hypothetical protein, conserved	-0,3557	0,009149
TcCLB.506697.70	hypothetical protein, conserved	-0,3559	0,0007321
TcCLB.503981.9	hypothetical protein, conserved (pseudogene)	-0,3562	0,0138
TcCLB.508999.230	calpain-like cysteine peptidase (pseudogene), putative	-0,3564	0,0002369
TcCLB.506867.30	hypothetical protein, conserved	-0,3564	0,01942
TcCLB.506297.280	hypothetical protein, conserved	-0,3565	0,002231
TcCLB.506931.64	RNA processing endonuclease 1, putative	-0,3565	0,004513
TcCLB.432067.10	ATP-dependent RNA helicase, putative	-0,3565	0,03583
TcCLB.511277.130	hypothetical protein, conserved	-0,3566	6,553E-06
TcCLB.427247.10	serine/threonine protein kinase, putative	-0,3566	0,1881
TcCLB.507041.90	hypothetical protein	-0,3567	0,02337
TcCLB.508119.140	retrotransposon hot spot (RHS) protein, putative	-0,3568	0,0161
TcCLB.511001.130	hypothetical protein, conserved	-0,357	8,029E-07
TcCLB.504883.10	protein kinase, putative	-0,3573	0,00003102
TcCLB.508233.25	hypothetical protein	-0,3573	0,007304
TcCLB.510111.30	hypothetical protein, conserved (pseudogene)	-0,3573	0,009071
TcCLB.507801.100	hypothetical protein, conserved	-0,3574	0,0003962
TcCLB.508817.160	Trichohyalin, putative	-0,3574	0,001138
TcCLB.511873.5	hypothetical protein	-0,3575	0,03267
TcCLB.400945.10	trans-sialidase (pseudogene), putative	-0,3576	0,2455
TcCLB.506295.60	hypothetical protein, conserved	-0,3578	0,03743
TcCLB.506591.10	hypothetical protein, conserved	-0,3578	0,07122
TcCLB.506457.90	hypothetical protein	-0,358	0,01467
TcCLB.510429.59	hypothetical protein, conserved	-0,358	0,0719
TcCLB.508389.70	trans-sialidase (pseudogene), putative	-0,3581	0,155
TcCLB.509979.249	syntaxin binding protein 1 (pseudogene), putative	-0,3584	0,0178
TcCLB.504431.80	hypothetical protein	-0,3585	0,001343
TcCLB.505999.180	Non cytoplasmic domain containing protein, conserved	-0,3586	0,002378
TcCLB.510241.30	hypothetical protein, conserved	-0,3588	0,003768
TcCLB.510899.10	surface protease GP63, putative	-0,3589	0,0009315
TcCLB.508051.10	hypothetical protein, conserved	-0,3589	0,001164
TcCLB.508739.90	hypothetical protein, conserved	-0,3589	0,05186

TcCLB.504827.21	hypothetical protein, conserved (fragment)	-0,3591	0,00008223
TcCLB.507521.60	hypothetical protein, conserved	-0,3593	0,02441
TcCLB.503821.5	hypothetical protein, conserved	-0,3593	0,07982
TcCLB.503999.110	hypothetical protein, conserved (fragment)	-0,3593	0,08021
TcCLB.510665.4	hypothetical protein, conserved (fragment)	-0,3594	0,002119
TcCLB.508217.9	dynein heavy chain, putative	-0,3595	0,006953
TcCLB.508723.20	hypothetical protein, conserved	-0,3596	0,001501
TcCLB.507099.90	hypothetical protein, conserved	-0,3599	0,00003699
TcCLB.510173.110	hypothetical protein, conserved	-0,3599	0,001183
TcCLB.506613.141	hypothetical protein, conserved (pseudogene)	-0,36	0,03803
TcCLB.510821.10	hypothetical protein, conserved	-0,3602	0,001085
TcCLB.507825.40	hypothetical protein, conserved	-0,3603	0,001514
TcCLB.509979.70	hypothetical protein, conserved	-0,3605	0,01772
TcCLB.506309.80	mucin TcMUCII, putative	-0,3606	0,4485
TcCLB.503893.181	hypothetical protein, conserved (fragment)	-0,3608	0,1769
TcCLB.509259.30	mucin-associated surface protein (MASP, pseudogene), p	-0,361	0,08724
TcCLB.508543.150	hypothetical protein, conserved	-0,3612	0,00007297
TcCLB.507527.30	DNA replication licensing factor MCM6, putative	-0,3612	0,0006768
TcCLB.511027.29	hypothetical protein, conserved (pseudogene)	-0,3612	0,006394
TcCLB.504867.90	glycerol-3-phosphate acyltransferase, putative	-0,3614	0,002259
TcCLB.506625.110	DNA topoisomerase type IB small subunit, putative	-0,3614	0,004512
TcCLB.506351.90	surface protease GP63, putative	-0,3614	0,01318
TcCLB.504557.50	dispersed gene family protein 1 (DGF-1), putative	-0,3614	0,2134
TcCLB.509569.50	guanine nucleotide exchange factor subunit GCD7	-0,3617	0,00008953
TcCLB.511283.40	syntaxin 5, putative	-0,3617	0,0007996
TcCLB.511491.50	KU80 protein, putative	-0,3618	0,000589
TcCLB.506543.70	hypothetical protein, conserved	-0,3619	0,01784
TcCLB.511283.310	hypothetical protein, conserved	-0,362	0,00008066
TcCLB.510031.9	U5 snrnp-specific protein, putative	-0,3621	0,001296
TcCLB.508635.10	hypothetical protein	-0,3622	0,08882
TcCLB.508409.90	hypothetical protein, conserved	-0,3624	1,822E-06
TcCLB.506183.15	trans-sialidase (pseudogene), putative	-0,3625	0,2001
TcCLB.510719.50	hypothetical protein, conserved	-0,3627	0,06028
TcCLB.506999.150	vesicle-associated membrane protein, putative	-0,3628	0,0001004
TcCLB.507089.120	hypothetical protein, conserved	-0,3629	0,0368
TcCLB.511629.10	hypothetical protein, conserved	-0,363	0,0002219
TcCLB.509647.110	hypothetical protein, conserved	-0,3631	0,00006763
TcCLB.506511.60	flavoprotein monooxygenase, putative	-0,3632	0,0000167
TcCLB.508277.330	actin-like protein, putative	-0,3633	0,0001881
TcCLB.510797.20	hypothetical protein, conserved	-0,3637	0,01116
TcCLB.508977.65	elongation factor 1-gamma (EF-1-gamma, pseudogene),	-0,3637	0,1958
TcCLB.508181.70	hypothetical protein, conserved	-0,3638	0,00003234
TcCLB.504105.230	nuclear cap binding complex subunit CBP110, putative (CB	-0,3642	0,0002968
TcCLB.507757.60	dihydrolipoamide dehydrogenase, putative	-0,3642	0,004735
TcCLB.503465.30	Iron-sulfur assembly protein 2, putative (Isa2)	-0,3642	0,05934

TcCLB.506295.40	hypothetical protein, conserved	-0,3644	0,01134
TcCLB.510719.80	hypothetical protein, conserved	-0,3645	5,394E-08
TcCLB.511107.20	hypothetical protein, conserved (pseudogene)	-0,3646	0,001074
TcCLB.508153.20	vacuolar protein sorting-associated protein, putative	-0,3647	7,079E-06
TcCLB.508783.10	hypothetical protein, conserved (pseudogene)	-0,3647	0,0004449
TcCLB.506783.10	hypothetical protein, conserved (pseudogene)	-0,3647	0,1357
TcCLB.509231.50	hypothetical protein, conserved	-0,3648	0,006968
TcCLB.508461.130	elongation factor 1-alpha (ef-1-alpha), putative	-0,3649	7,005E-06
TcCLB.506477.4	hypothetical protein, conserved	-0,3649	0,03486
TcCLB.511735.40	hypothetical protein, conserved	-0,3652	0,03488
TcCLB.511449.30	mucin-associated surface protein (MASP), putative	-0,3652	0,136
TcCLB.510823.109	hypothetical protein, conserved	-0,3656	0,01228
TcCLB.510603.90	mitochondrial carrier protein, putative	-0,3657	0,01412
TcCLB.509967.50	hypothetical protein, conserved	-0,3659	0,007531
TcCLB.509781.10	hypothetical protein, conserved	-0,366	0,008495
TcCLB.504557.40	hypothetical protein	-0,3663	0,2481
TcCLB.508965.70	hypothetical protein, conserved	-0,3663	0,3979
TcCLB.506525.45	hypothetical protein, conserved (pseudogene)	-0,3667	0,06551
TcCLB.504113.30	hypothetical protein, conserved	-0,3668	0,01696
TcCLB.503749.10	hypothetical protein, conserved	-0,3671	0,000896
TcCLB.511857.40	N(2), N(2)-dimethylguanosine tRNA methyltransferase, p	-0,3674	0,0003666
TcCLB.507639.60	hypothetical protein, conserved	-0,3674	0,000449
TcCLB.508637.100	hypothetical protein, conserved	-0,3674	0,01179
TcCLB.509665.16	elongation factor 1-gamma (EF-1-gamma, pseudogene),	-0,3675	0,3528
TcCLB.504159.100	hypothetical protein, conserved	-0,3677	0,02475
TcCLB.507105.30	hypothetical protein, conserved	-0,368	0,0001603
TcCLB.510305.20	hypothetical protein, conserved	-0,3682	0,002711
TcCLB.511139.10	hypothetical protein, conserved (pseudogene)	-0,3682	0,003809
TcCLB.510719.280	hypothetical protein, conserved	-0,3683	0,0006393
TcCLB.435519.10	DNA replication licensing factor MCM6, putative	-0,3683	0,03915
TcCLB.509109.170	tubulin tyrosine ligase (pseudogene), putative	-0,3684	0,003261
TcCLB.509665.10	hypothetical protein	-0,3684	0,3758
TcCLB.504131.70	hypothetical protein, conserved	-0,3685	8,619E-06
TcCLB.510409.30	hypothetical protein, conserved	-0,3686	0,001614
TcCLB.508663.10	mucin TcMUC (pseudogene), putative	-0,3686	0,001909
TcCLB.508153.470	hypothetical protein, conserved	-0,3687	0,000871
TcCLB.507883.50	hypothetical protein, conserved	-0,3687	0,003447
TcCLB.510715.11	hypothetical protein	-0,3688	0,03857
TcCLB.509233.210	hypothetical protein, conserved	-0,3689	0,0002295
TcCLB.507669.210	hypothetical protein, conserved	-0,3689	0,003297
TcCLB.508633.120	trans-sialidase (pseudogene), putative	-0,369	0,05602
TcCLB.504867.99	hypothetical protein, conserved	-0,3691	0,0001111
TcCLB.511625.60	hypothetical protein, conserved	-0,3691	0,01365
TcCLB.506925.270	hypothetical protein, conserved	-0,3695	0,00003735
TcCLB.511849.50	surface protease GP63 (pseudogene), putative	-0,3695	0,01116



TcCLB.507491.100	hypothetical protein, conserved	-0,3697	0,0003046
TcCLB.506407.20	hypothetical protein, conserved	-0,3697	0,01089
TcCLB.503665.40	surface protease GP63 (pseudogene), putative	-0,3697	0,03997
TcCLB.510289.90	hypothetical protein, conserved	-0,3697	0,08601
TcCLB.506567.100	hypothetical protein, conserved	-0,3699	0,0002393
TcCLB.510241.70	heat shock protein, putative	-0,3699	0,001436
TcCLB.510175.125	hypothetical protein	-0,37	0,05335
TcCLB.508277.20	protein kinase, putative	-0,3701	0,0001818
TcCLB.505935.10	hypothetical protein, conserved (pseudogene)	-0,3702	0,121
TcCLB.410049.10	hypothetical protein, conserved	-0,3703	0,3927
TcCLB.509569.90	ARP2/3 complex subunit, putative	-0,3704	0,00408
TcCLB.510329.40	hypothetical protein, conserved	-0,3705	0,00004874
TcCLB.508355.140	hypothetical protein, conserved	-0,3705	0,002382
TcCLB.509051.30	dTDP-glucose 4,6-dehydratase, putative	-0,3708	0,001101
TcCLB.511239.120	hypothetical protein, conserved	-0,3708	0,05268
TcCLB.511291.70	hypothetical protein, conserved	-0,3709	0,000289
TcCLB.510303.90	hypothetical protein, conserved	-0,3709	0,002072
TcCLB.507023.240	hypothetical protein, conserved	-0,3709	0,002086
TcCLB.504073.10	endonuclease/exonuclease/phosphatase, putative	-0,371	0,0001013
TcCLB.508799.40	hypothetical protein, conserved	-0,3712	0,0000722
TcCLB.510655.159	hypothetical protein, conserved	-0,3712	0,04992
TcCLB.511363.10	hypothetical protein, conserved	-0,3713	0,00003639
TcCLB.507521.20	kinesin, putative	-0,3713	0,01339
TcCLB.506949.10	DNA-directed rna polymerase I largest subunit, putative	-0,3713	0,07114
TcCLB.510823.20	conserved protein, unknown function	-0,3715	0,000218
TcCLB.504827.50	apurinic/aprimidinic endonuclease, putative	-0,3715	0,007842
TcCLB.508207.50	hypothetical protein	-0,3717	0,01759
TcCLB.509643.139	Heat shock protein 83, putative	-0,3718	0,001593
TcCLB.508273.91	hypothetical protein, conserved	-0,3719	0,1072
TcCLB.506443.10	hypothetical protein	-0,372	0,001149
TcCLB.508851.40	Octanoyltransferase, putative	-0,372	0,06973
TcCLB.511421.224	hypothetical protein, conserved (pseudogene)	-0,3721	0,0001306
TcCLB.506177.80	hypothetical protein, conserved	-0,3721	0,03737
TcCLB.508187.20	hypothetical protein (pseudogene)	-0,3721	0,05125
TcCLB.507601.10	phosphoprotein phosphatase, putative	-0,3722	3,385E-06
TcCLB.506287.20	hypothetical protein, conserved	-0,3723	0,01715
TcCLB.508699.60	hypothetical protein, conserved	-0,3726	0,001584
TcCLB.503531.30	COP9 signalosome complex subunit 5, putative (pseudoge	-0,3727	0,001371
TcCLB.508909.170	hypothetical protein, conserved	-0,3729	0,0001317
TcCLB.510745.30	hypothetical protein, conserved	-0,3729	0,0675
TcCLB.506133.179	hypothetical protein	-0,3729	0,1591
TcCLB.509967.70	katanin, putative	-0,3733	0,1292
TcCLB.507771.20	hypothetical protein, conserved	-0,3734	0,0007342
TcCLB.511311.70	hypothetical protein, conserved	-0,3736	0,0002804
TcCLB.504769.100	trans-sialidase, Group II, putative	-0,3736	0,03707

TcCLB.506569.60	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,3738	0,05099
TcCLB.509205.100	surface protease GP63, putative	-0,3739	0,02086
TcCLB.506891.20	wd40 repeat domain-containing protein	-0,3742	0,002066
TcCLB.506585.50	hypothetical protein, conserved	-0,3743	0,0007756
TcCLB.503675.10	glycosyl transferase-like protein, putative	-0,3743	0,02014
TcCLB.506175.90	hypothetical protein, conserved	-0,3744	0,0001973
TcCLB.503695.10	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,3748	0,1438
TcCLB.510889.310	hypothetical protein, conserved	-0,375	0,0001738
TcCLB.511211.140	hypothetical protein, conserved	-0,375	0,0005108
TcCLB.511301.10	oxidoreductase-like protein, putative	-0,3753	0,02952
TcCLB.507089.90	hypothetical protein, conserved	-0,3756	0,00007006
TcCLB.511751.14	hypothetical protein, conserved (fragment)	-0,3756	0,01007
TcCLB.509395.59	hypothetical protein, conserved	-0,3756	0,03103
TcCLB.509805.170	hypothetical protein, conserved	-0,3758	5,812E-06
TcCLB.510747.170	hypothetical protein, conserved	-0,3762	0,02664
TcCLB.510491.10	hypothetical protein, conserved	-0,3763	0,04013
TcCLB.503981.50	hypothetical protein, conserved	-0,3765	0,003742
TcCLB.509157.40	hypothetical protein, conserved	-0,3765	0,006801
TcCLB.511837.40	hypothetical protein, conserved	-0,3765	0,01336
TcCLB.508389.160	trans-sialidase (pseudogene), putative	-0,3765	0,09159
TcCLB.503671.39	dynamamin-1-like protein (fragment)	-0,3769	0,0005367
TcCLB.508355.124	hypothetical protein, conserved	-0,3769	0,01333
TcCLB.503391.10	ATP-dependent DEAD/H DNA helicase recQ, putative	-0,3769	0,2086
TcCLB.509105.100	Enriched in surface-labeled proteome protein 15 (ESP15)	-0,3771	0,001169
TcCLB.511289.110	hypothetical protein, conserved	-0,3771	0,001561
TcCLB.509765.95	mucin-associated surface protein (MASP, pseudogene), pi	-0,3771	0,02432
TcCLB.508173.70	hypothetical protein, conserved	-0,3772	0,00003768
TcCLB.507257.160	hypothetical protein, conserved	-0,3774	0,003466
TcCLB.511245.170	hypothetical protein, conserved	-0,3777	0,00005438
TcCLB.508329.19	trans-sialidase (pseudogene), putative	-0,3778	0,21
TcCLB.509319.70	hypothetical protein, conserved	-0,378	0,006484
TcCLB.506007.30	Protein C21orf2 homolog, putative	-0,3781	0,001517
TcCLB.511367.350	hypothetical protein, conserved	-0,3782	0,0005787
TcCLB.506777.10	ATP-dependent DEAD/H RNA helicase, putative	-0,3782	0,001546
TcCLB.511365.4	hypothetical protein, conserved (fragment)	-0,3782	0,03011
TcCLB.511623.10	hypothetical protein, conserved	-0,3789	0,00004123
TcCLB.503713.50	trans-sialidase, putative (fragment)	-0,3789	0,3478
TcCLB.507063.270	histone deacetylase, putative	-0,3794	0,0005263
TcCLB.510289.50	hypothetical protein, conserved	-0,3795	0,0005632
TcCLB.510295.20	MP24, putative	-0,3796	0,02351
TcCLB.504769.41	surface protease GP63 (pseudogene), putative	-0,3796	0,05245
TcCLB.510699.50	mucin TcMUCII, putative	-0,3797	0,03139
TcCLB.504081.9	trans-sialidase (pseudogene), putative	-0,3801	0,29
TcCLB.504081.260	surface protease GP63, putative	-0,3803	0,3571
TcCLB.507023.90	hypothetical protein, conserved	-0,3804	0,0001568

TcCLB.511517.170	hypothetical protein, conserved	-0,3804	0,0003807
TcCLB.506605.194	hypothetical protein, conserved	-0,3805	0,001226
TcCLB.503613.50	PA domain containing protein, putative (ESP7)	-0,3806	0,0006325
TcCLB.507007.50	hypothetical protein, conserved	-0,3806	0,0007892
TcCLB.511711.70	hypothetical protein, conserved	-0,3806	0,002032
TcCLB.503885.30	hypothetical protein, conserved (pseudogene)	-0,3811	0,004154
TcCLB.508727.60	hypothetical protein, conserved	-0,3813	0,0005653
TcCLB.508277.160	glutaminyl-tRNA synthetase, putative	-0,3815	9,296E-08
TcCLB.511909.20	expression site-associated gene (ESAG-like) protein, putative	-0,3817	0,002929
TcCLB.503861.30	trans-sialidase (pseudogene), putative	-0,3817	0,007576
TcCLB.507049.80	hypothetical protein, conserved	-0,3819	0,005971
TcCLB.508717.40	branch point binding protein, putative	-0,382	0,001209
TcCLB.509443.30	AUT2/APG4/ATG4 cysteine peptidase, putative	-0,382	0,007949
TcCLB.506989.260	hypothetical protein, conserved (pseudogene)	-0,3821	0,005238
TcCLB.508277.250	hypothetical protein, conserved	-0,3822	0,00002708
TcCLB.508725.10	CCR4-NOT transcription complex subunit 10, putative	-0,3822	0,00007297
TcCLB.510799.80	hypothetical protein, conserved	-0,3822	0,0002269
TcCLB.508693.100	surface protease GP63, putative	-0,3824	0,002239
TcCLB.503777.19	phosphoribosylpyrophosphate synthetase, putative	-0,3824	0,003081
TcCLB.503925.70	hypothetical protein, conserved	-0,3825	6,044E-07
TcCLB.509897.132	hypothetical protein, conserved (pseudogene)	-0,3826	0,00003526
TcCLB.509157.120	hypothetical protein, conserved	-0,3827	0,02726
TcCLB.504427.260	kinesin, putative	-0,383	2,705E-06
TcCLB.506587.40	ATP-dependent RNA helicase FAL1, putative	-0,3832	0,00003982
TcCLB.505229.20	conserved protein, unknown function	-0,3833	6,071E-06
TcCLB.506251.30	hypothetical protein, conserved	-0,3833	0,00001584
TcCLB.405737.4	RNA polymerase-associated protein CDC73, putative (fragment)	-0,3833	0,2998
TcCLB.509901.90	hypothetical protein, conserved (pseudogene)	-0,3834	0,0000137
TcCLB.510101.490	anion-transporting ATPase-like, putative	-0,3834	0,0000229
TcCLB.511189.50	hypothetical protein, conserved (pseudogene)	-0,3835	0,0003516
TcCLB.507091.40	dihydroorotate dehydrogenase, putative (DHODH)	-0,3835	0,01406
TcCLB.508211.19	hypothetical protein, conserved	-0,3836	0,01705
TcCLB.509073.119	proteasome regulatory non-ATP-ase subunit 7, putative	-0,3838	0,001005
TcCLB.507597.10	hypothetical protein	-0,3838	0,1382
TcCLB.510217.70	trans-sialidase (pseudogene), putative	-0,3839	0,2433
TcCLB.463359.9	vacuolar assembly protein vps41, putative	-0,3843	0,008557
TcCLB.506813.170	hypothetical protein, conserved (pseudogene)	-0,3845	0,05595
TcCLB.504741.149	hypothetical protein	-0,3845	0,1397
TcCLB.402857.20	hypothetical protein	-0,3847	8,853E-07
TcCLB.510173.120	hypothetical protein, conserved	-0,3848	0,01524
TcCLB.508355.340	hypothetical protein, conserved	-0,3851	0,00705
TcCLB.506553.40	ATP-dependent RNA helicase (pseudogene), putative	-0,3852	0,0007551
TcCLB.511203.5	hypothetical protein, conserved	-0,3853	0,1357
TcCLB.509719.50	protein kinase, putative	-0,3854	0,0007771
TcCLB.506979.5	hypothetical protein, conserved (pseudogene)	-0,3854	0,1129

TcCLB.505843.30	DNA repair protein Rad9, putative (Rad9)	-0,3855	0,0000716
TcCLB.507105.80	dispersed gene family protein 1 (DGF-1), putative	-0,3856	0,168
TcCLB.511463.4	actin, putative	-0,3858	0,07313
TcCLB.508647.160	hypothetical protein, conserved	-0,3859	0,00003879
TcCLB.510289.30	phosphatidylinositol-4-phosphate 5-kinase, putative	-0,3862	0,002715
TcCLB.511801.30	hypothetical protein, conserved	-0,3863	0,0006687
TcCLB.510953.10	surface protease GP63 (pseudogene), putative	-0,3864	0,132
TcCLB.510303.250	hypothetical protein, conserved	-0,3866	3,617E-06
TcCLB.506579.70	hypothetical protein, conserved	-0,3868	7,195E-08
TcCLB.510889.4	hypothetical protein, conserved	-0,3868	0,1566
TcCLB.505183.100	hypothetical protein, conserved	-0,387	0,001214
TcCLB.510493.4	hypothetical protein, conserved (fragment)	-0,387	0,09213
TcCLB.509591.50	RNA-binding protein 34, putative (RBP34)	-0,3871	0,0006201
TcCLB.503897.140	hypothetical protein, conserved	-0,3872	0,001136
TcCLB.507949.130	glycerol-3-phosphate dehydrogenase (FAD-dependent), pu	-0,3877	0,007799
TcCLB.506579.110	hypothetical protein, conserved	-0,3881	4,599E-08
TcCLB.511249.80	hypothetical protein, conserved	-0,3882	0,00002161
TcCLB.506147.200	hypothetical protein, conserved	-0,3883	0,0002104
TcCLB.509127.30	hypothetical protein, conserved	-0,3883	0,03035
TcCLB.506855.200	hypothetical protein	-0,3884	0,06389
TcCLB.511621.80	hypothetical protein	-0,3886	0,03555
TcCLB.511239.60	hypothetical protein, conserved	-0,3887	4,075E-06
TcCLB.508711.20	hypothetical protein, conserved	-0,3887	0,00003358
TcCLB.506733.140	hypothetical protein, conserved	-0,3888	0,0003358
TcCLB.507163.90	hypothetical protein, conserved	-0,3888	0,04416
TcCLB.506207.30	hypothetical protein, conserved	-0,389	0,003813
TcCLB.505999.70	hypothetical protein, conserved	-0,3891	0,0007197
TcCLB.508929.20	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, p	-0,3891	0,03111
TcCLB.511903.200	hypothetical protein, conserved	-0,3893	0,0006498
TcCLB.511075.40	cullin, putative	-0,3896	0,00003555
TcCLB.504737.10	trans-sialidase (pseudogene), putative	-0,3896	0,1786
TcCLB.508539.60	mucin-associated surface protein (MASP), putative	-0,3897	0,139
TcCLB.510769.110	hypothetical protein, conserved	-0,3898	0,003076
TcCLB.509205.90	surface protease GP63 (pseudogene), putative	-0,3899	0,01789
TcCLB.507511.40	G5-interacting protein, putative (G5-IP)	-0,3901	0,00004359
TcCLB.511867.70	hypothetical protein	-0,3901	0,0007487
TcCLB.506113.55	N-acetyltransferase complex ARD1 subunit (pseudogene),	-0,3902	0,1096
TcCLB.511741.10	hypothetical protein, conserved	-0,3906	0,009741
TcCLB.505555.50	hypothetical protein	-0,3914	2,141E-07
TcCLB.506833.70	cationic amino acid transporter, putative	-0,3914	0,0003845
TcCLB.506265.80	hypothetical protein, conserved	-0,3914	0,01191
TcCLB.506175.30	hypothetical protein, conserved	-0,3917	0,03096
TcCLB.505071.30	serine/threonine protein kinase, putative	-0,3919	0,0001278
TcCLB.506435.300	ubiquitin-protein ligase, putative	-0,3921	0,003682
TcCLB.510329.160	hypothetical protein, conserved	-0,3924	3,051E-06

TcCLB.511391.80	hypothetical protein	-0,3928	0,1071
TcCLB.508173.219	hypothetical protein, conserved	-0,393	1,214E-06
TcCLB.509217.30	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,393	0,05644
TcCLB.476733.29	serine-threonine dehydratase, putative	-0,393	0,09954
TcCLB.511039.20	hypothetical protein, conserved	-0,3932	0,0005482
TcCLB.511277.100	hypothetical protein, conserved	-0,3932	0,004836
TcCLB.510575.50	hypothetical protein, conserved	-0,3934	0,04674
TcCLB.511539.18	hypothetical protein, conserved	-0,3935	0,00104
TcCLB.511469.30	coatomer subunit zeta, putative	-0,3941	0,004852
TcCLB.506375.70	hypothetical protein, conserved	-0,3941	0,008588
TcCLB.422041.9	pre-mRNA splicing factor ATP-dependent RNA helicase, p	-0,3941	0,01104
TcCLB.511277.310	hypothetical protein, conserved	-0,3944	0,00002689
TcCLB.506941.260	hypothetical protein, conserved	-0,3944	0,0004957
TcCLB.510879.190	hypothetical protein, conserved	-0,3944	0,002277
TcCLB.509319.109	paraflagellar rod protein, putative (fragment)	-0,3944	0,05497
TcCLB.506957.80	hypothetical protein, conserved	-0,3946	4,271E-06
TcCLB.508231.220	hypothetical protein, conserved	-0,3946	0,04819
TcCLB.506151.20	hypothetical protein, conserved	-0,3948	1,887E-07
TcCLB.503635.50	hypothetical protein, conserved	-0,3949	0,0006727
TcCLB.508177.100	ubiquitin activating enzyme, putative	-0,3949	0,003667
TcCLB.507445.30	trans-sialidase (pseudogene), putative	-0,3949	0,01457
TcCLB.405165.19	hypothetical protein, conserved (fragment)	-0,3951	0,0005653
TcCLB.508727.9	CCR4-NOT transcription complex subunit 10, putative	-0,3952	0,00002481
TcCLB.509965.350	ubiquitin-protein ligase, putative	-0,3955	5,854E-07
TcCLB.504411.10	hypothetical protein, conserved	-0,3955	0,0004095
TcCLB.508571.10	hypothetical protein	-0,3955	0,007447
TcCLB.510307.230	trans-sialidase, Group II, putative	-0,3955	0,08399
TcCLB.511127.100	catalytic subunit of the vacuolar transporter chaperone 4,	-0,3956	1,416E-06
TcCLB.504109.100	hypothetical protein, conserved	-0,3956	9,515E-06
TcCLB.511277.620	hypothetical protein, conserved	-0,3956	0,0000856
TcCLB.509607.20	hypothetical protein, conserved	-0,3958	0,2813
TcCLB.506855.10	palmitoyl acyltransferase 3, putative	-0,3959	0,00122
TcCLB.510799.18	hypothetical protein, conserved	-0,3959	0,001752
TcCLB.509085.40	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,396	0,1656
TcCLB.511245.230	hypothetical protein, conserved	-0,3961	0,0004801
TcCLB.510389.10	hypothetical protein, conserved (pseudogene)	-0,3961	0,03169
TcCLB.506247.60	hypothetical protein, conserved	-0,3965	0,00003034
TcCLB.507257.50	hypothetical protein, conserved	-0,3966	1,199E-07
TcCLB.510387.60	trans-sialidase (pseudogene), putative	-0,3966	0,03149
TcCLB.506495.10	hypothetical protein, conserved	-0,3968	0,007286
TcCLB.507165.40	hypothetical protein, conserved	-0,3969	0,009102
TcCLB.509369.50	surface protease GP63, putative	-0,3974	0,2722
TcCLB.506195.309	hypothetical protein, conserved	-0,3976	0,0002714
TcCLB.509877.30	guanine nucleotide-binding beta subunit-like protein	-0,3977	0,00001342
TcCLB.503885.10	hypothetical protein, conserved	-0,3977	0,001676

TcCLB.510241.20	hypothetical protein, conserved	-0,3979	0,00004349
TcCLB.511511.90	ATP-dependent DEAD/H DNA helicase recQ family, putati	-0,398	0,0001415
TcCLB.469785.40	RNA-binding protein, putative	-0,398	0,01318
TcCLB.511757.20	hypothetical protein, conserved	-0,3981	0,01024
TcCLB.509429.230	hypothetical protein, conserved	-0,3983	0,004123
TcCLB.510621.49	mucin-associated surface protein (MASP), putative	-0,3983	0,2094
TcCLB.507099.10	hypothetical protein, conserved	-0,3987	5,039E-06
TcCLB.508817.170	hypothetical protein, conserved	-0,3987	0,009071
TcCLB.506493.90	cysteine peptidase, Clan CA, family C2, putative	-0,3989	6,205E-06
TcCLB.508555.70	calpain-like cysteine peptidase, putative	-0,399	0,003738
TcCLB.503953.10	hypothetical protein, conserved	-0,3993	6,422E-06
TcCLB.511001.140	hypothetical protein, conserved	-0,3993	0,0001889
TcCLB.509125.10	mannosyltransferase-like protein, putative	-0,3996	0,00006262
TcCLB.506135.90	hypothetical protein, conserved	-0,3996	0,0007388
TcCLB.508857.150	hypothetical protein, conserved	-0,3996	0,001403
TcCLB.504229.30	protein kinase, putative	-0,3999	0,0000633
TcCLB.508307.190	hypothetical protein, conserved	-0,4	0,00428
TcCLB.507611.340	hypothetical protein, conserved	-0,4002	0,00007434
TcCLB.508943.40	hypothetical protein, conserved	-0,4002	0,0167
TcCLB.506207.20	hypothetical protein, conserved	-0,4003	7,502E-07
TcCLB.506173.219	trans-sialidase (pseudogene), putative	-0,4003	0,1843
TcCLB.509665.40	hypothetical protein	-0,4003	0,2871
TcCLB.508927.30	hypothetical protein, conserved	-0,4004	0,00141
TcCLB.511755.40	hypothetical protein, conserved	-0,4004	0,002077
TcCLB.506755.74	mitochondrial carrier protein, putative	-0,4005	0,002094
TcCLB.511429.10	transmembrane protein, conserved (fragment)	-0,4007	3,521E-06
TcCLB.508727.44	hypothetical protein, conserved	-0,4009	0,00002655
TcCLB.503579.80	hypothetical protein, conserved	-0,4009	0,00004573
TcCLB.509157.240	hypothetical protein, conserved	-0,4015	0,009688
TcCLB.510243.128	hypothetical protein, conserved	-0,4015	0,03112
TcCLB.506401.220	electron transfer flavoprotein-ubiquinone oxidoreductase,	-0,4016	0,0003167
TcCLB.511213.81	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,4016	0,02163
TcCLB.510239.30	hypothetical protein, conserved (pseudogene)	-0,4019	0,1
TcCLB.506947.70	hypothetical protein, conserved	-0,402	0,01712
TcCLB.510933.160	mucin-associated surface protein (MASP, pseudogene), pu	-0,4022	0,0889
TcCLB.511737.40	hypothetical protein, conserved	-0,4023	0,0002912
TcCLB.508463.10	hypothetical protein, conserved	-0,4023	0,03429
TcCLB.511737.3	superoxide dismutase, putative	-0,4024	0,02331
TcCLB.503809.30	RNA-binding protein, putative	-0,4026	0,003266
TcCLB.511757.10	hypothetical protein, conserved	-0,4028	0,00001169
TcCLB.511301.180	trans-sialidase (pseudogene), putative	-0,4028	0,0004953
TcCLB.510879.40	Carboxypeptidase Nna1-like protein, putative	-0,4031	7,642E-06
TcCLB.509611.130	hypothetical protein, conserved	-0,4031	0,01666
TcCLB.509657.11	hypothetical protein, conserved (pseudogene)	-0,4032	0,06494
TcCLB.507641.220	hypothetical protein	-0,4034	0,0003458

TcCLB.503653.104	hypothetical protein, conserved	-0,4037	0,2217
TcCLB.511261.100	chaperone DNAJ protein, putative	-0,4038	0,0001337
TcCLB.506425.60	hypothetical protein, conserved	-0,4038	0,0004602
TcCLB.506717.4	hypothetical protein, conserved (fragment)	-0,4039	0,08794
TcCLB.510535.60	CCR4 associated factor, putative	-0,4042	0,00002622
TcCLB.510877.100	hypothetical protein, conserved	-0,4044	0,0001114
TcCLB.508461.344	hypothetical protein, conserved	-0,4045	0,0054
TcCLB.506819.10	hypothetical protein, conserved	-0,4045	0,02592
TcCLB.506369.40	hypothetical protein, conserved	-0,4046	6,286E-06
TcCLB.509627.20	hypothetical protein, conserved	-0,4048	0,0001198
TcCLB.504137.40	hypothetical protein, conserved	-0,4048	0,0002572
TcCLB.506247.80	DNA-binding protein, putative	-0,4048	0,0003
TcCLB.504639.50	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,4048	0,000562
TcCLB.510329.50	hypothetical protein	-0,4049	1,446E-06
TcCLB.503559.100	long-chain-fatty-acid-CoA ligase, putative	-0,4049	0,00005162
TcCLB.508761.130	hypothetical protein	-0,4049	0,4486
TcCLB.507257.100	hypothetical protein, conserved	-0,405	0,0004454
TcCLB.507611.290	acetyltransferase, putative	-0,4051	0,003292
TcCLB.510611.40	hypothetical protein, conserved	-0,4052	0,0001124
TcCLB.504431.10	hypothetical protein, conserved	-0,4052	0,0001165
TcCLB.503781.40	hypothetical protein, conserved	-0,4053	0,006863
TcCLB.508403.10	hypothetical protein, conserved	-0,4055	0,00009483
TcCLB.503651.4	hypothetical protein, conserved (fragment)	-0,4057	0,0003167
TcCLB.509957.30	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,4057	0,02893
TcCLB.503489.30	hypothetical protein, conserved	-0,4058	0,001632
TcCLB.508737.40	hypothetical protein	-0,4067	0,000487
TcCLB.511041.30	hypothetical protein, conserved	-0,4069	5,704E-07
TcCLB.509253.40	hypothetical protein, conserved	-0,4071	0,001264
TcCLB.508535.40	hypothetical protein, conserved	-0,4074	0,03182
TcCLB.509875.230	hypothetical protein, conserved	-0,4076	0,0005866
TcCLB.511509.50	hypothetical protein, conserved	-0,4077	0,00001306
TcCLB.510971.60	protein kinase, putative	-0,4077	0,0003991
TcCLB.507035.120	hypothetical protein, conserved	-0,4077	0,001658
TcCLB.507811.30	ATP-dependent DEAD/H RNA helicase, putative	-0,4078	0,00007533
TcCLB.509203.20	cyclin dependent kinase-binding protein, putative	-0,4079	0,00002875
TcCLB.504689.10	hypothetical protein	-0,4083	0,2017
TcCLB.503817.10	trans-sialidase (pseudogene), putative	-0,4084	0,1377
TcCLB.509051.60	ubiquitin-protein ligase, putative (fragment)	-0,4085	0,0525
TcCLB.509715.130	hypothetical protein, conserved	-0,4086	0,000775
TcCLB.504131.150	SNF2 family protein	-0,4086	0,002402
TcCLB.430727.9	inositol phosphatidylinositol phosphatase, putative	-0,4088	0,005274
TcCLB.510043.20	hypothetical protein, conserved (pseudogene)	-0,4091	2,218E-07
TcCLB.503453.50	hypothetical protein, conserved	-0,4091	0,001154
TcCLB.504109.120	hypothetical protein, conserved	-0,4092	0,0007536
TcCLB.510429.40	Present in the outer mitochondrial membrane proteome	-0,4092	0,001047

TcCLB.511873.30	trans-sialidase (pseudogene), putative	-0,4092	0,005984
TcCLB.506835.150	zinc-binding protein (Yippee), putative	-0,4092	0,007163
TcCLB.508157.10	serine-alanine-and proline-rich protein (pseudogene), putative	-0,4092	0,09215
TcCLB.506725.80	hypothetical protein, conserved	-0,4093	0,0001207
TcCLB.505965.92	hypothetical protein, conserved (pseudogene)	-0,4094	0,01766
TcCLB.507021.90	hypothetical protein, conserved	-0,4095	0,0002497
TcCLB.508163.90	trans-sialidase (pseudogene), putative	-0,4095	0,1478
TcCLB.507793.20	cysteine synthase, putative	-0,4099	0,0004198
TcCLB.506465.10	hypothetical protein, conserved	-0,4104	0,0001454
TcCLB.508323.110	hypothetical protein, conserved	-0,4105	0,00235
TcCLB.507035.70	hypothetical protein	-0,4106	0,01795
TcCLB.511183.315	hypothetical protein, conserved (pseudogene)	-0,4106	0,2636
TcCLB.507627.9	kinesin, putative	-0,4109	4,041E-06
TcCLB.509741.30	hypothetical protein, conserved	-0,4109	0,0002204
TcCLB.511109.80	hypothetical protein, conserved	-0,4109	0,005827
TcCLB.508257.190	hypothetical protein, conserved	-0,4112	0,002372
TcCLB.510515.50	hypothetical protein, conserved	-0,4113	0,002337
TcCLB.508375.70	hypothetical protein, conserved	-0,4114	0,002588
TcCLB.507815.20	trans-sialidase (pseudogene), putative	-0,4114	0,01591
TcCLB.506737.151	surface protease GP63 (pseudogene), putative	-0,4115	0,0006684
TcCLB.509007.80	hypothetical protein, conserved	-0,4117	0,0003041
TcCLB.503939.120	hypothetical protein, conserved	-0,4122	0,00001982
TcCLB.510599.30	hypothetical protein, conserved	-0,4123	2,359E-06
TcCLB.507031.70	hypothetical protein, conserved	-0,4124	0,0006724
TcCLB.506679.120	hypothetical protein	-0,4124	0,002321
TcCLB.511559.30	ras-related GTP-binding protein, putative	-0,4126	0,0008165
TcCLB.506445.40	ubiquitin hydrolase (pseudogene), putative	-0,4127	9,539E-06
TcCLB.511277.380	hypothetical protein, conserved	-0,4127	0,03793
TcCLB.506303.120	hypothetical protein, conserved	-0,4128	0,00001118
TcCLB.506213.90	hypothetical protein, conserved	-0,4129	0,00008586
TcCLB.509171.60	hypothetical protein, conserved	-0,4131	0,0002033
TcCLB.507517.30	hypothetical protein, conserved	-0,4131	0,002356
TcCLB.507737.20	hypothetical protein, conserved	-0,4131	0,002501
TcCLB.507669.170	WD40/YVTN repeat-like-containing protein	-0,4133	5,797E-07
TcCLB.506661.150	hypothetical protein, conserved	-0,4137	0,008055
TcCLB.506813.10	hypothetical protein	-0,4139	0,01207
TcCLB.508707.110	hypothetical protein, conserved	-0,4139	0,01228
TcCLB.507821.40	trans-sialidase (pseudogene), putative	-0,414	0,0102
TcCLB.508255.10	trans-sialidase (pseudogene), putative	-0,4142	0,01317
TcCLB.506205.10	hypothetical protein, conserved	-0,4146	0,00002846
TcCLB.510437.60	hypothetical protein, conserved	-0,4149	0,003966
TcCLB.509901.170	apurinic/aprimidinic endonuclease (TCAP)	-0,4151	0,00006913
TcCLB.506315.60	hypothetical protein, conserved	-0,4153	0,0006515
TcCLB.508409.338	DNA repair protein, putative	-0,4154	0,001218
TcCLB.509669.10	hypothetical protein, conserved	-0,4156	0,01641



TcCLB.503779.70	hypothetical protein, conserved	-0,4157	0,02385
TcCLB.510609.60	hypothetical protein, conserved	-0,4158	1,017E-06
TcCLB.503697.20	hypothetical protein, conserved	-0,4159	0,00007422
TcCLB.511747.20	hypothetical protein, conserved	-0,4159	0,00034
TcCLB.508813.30	surface protease GP63 (pseudogene), putative	-0,4159	0,083
TcCLB.508741.180	hypothetical protein, conserved	-0,416	0,0005906
TcCLB.510531.20	hypothetical protein, conserved	-0,416	0,001693
TcCLB.511921.167	hypothetical protein, conserved (pseudogene)	-0,4161	0,2022
TcCLB.511065.50	phosphatidylinositol 3-kinase, putative	-0,4162	0,004215
TcCLB.467795.9	diphthamide synthesis protein, putative	-0,4165	0,00009042
TcCLB.506009.80	DNA repair and transcription factor protein, putative	-0,4166	0,0006247
TcCLB.511367.310	hypothetical protein, conserved	-0,4167	0,001028
TcCLB.508593.30	hypothetical protein, conserved	-0,4168	0,0001111
TcCLB.508647.130	hypothetical protein, conserved	-0,4168	0,0002174
TcCLB.508047.80	mucin TcMUCII (pseudogene), putative	-0,4173	0,1739
TcCLB.510243.54	hypothetical protein, conserved	-0,4174	0,0002486
TcCLB.503679.40	actin-related protein 2, putative	-0,4177	0,08578
TcCLB.508723.90	hypothetical protein, conserved	-0,4178	0,0001985
TcCLB.509287.170	trans-sialidase (pseudogene), putative	-0,4178	0,001411
TcCLB.511183.391	surface protease GP63 (pseudogene), putative	-0,4179	0,0668
TcCLB.509461.50	hypothetical protein, conserved	-0,418	0,0001105
TcCLB.511287.34	hypothetical protein, conserved	-0,418	0,0002764
TcCLB.507821.20	hypothetical protein	-0,4181	0,134
TcCLB.504159.60	hypothetical protein, conserved	-0,4182	0,0003067
TcCLB.508325.25	trans-sialidase (pseudogene), putative	-0,4185	0,01274
TcCLB.507991.90	hypothetical protein	-0,4187	0,00006994
TcCLB.511365.50	hypothetical protein, conserved (pseudogene)	-0,4187	0,0001846
TcCLB.510351.60	hypothetical protein, conserved	-0,4188	0,003266
TcCLB.510823.60	hypothetical protein, conserved	-0,4189	0,00000624
TcCLB.506925.150	protein phosphatase, putative	-0,419	0,00025
TcCLB.506835.131	hypothetical protein, conserved	-0,4193	0,02718
TcCLB.509793.20	hypothetical protein, conserved	-0,4194	0,0007679
TcCLB.507583.60	hypothetical protein, conserved	-0,4196	0,2398
TcCLB.507837.90	cell division cycle protein, putative	-0,4198	0,001147
TcCLB.509937.160	hypothetical protein, conserved	-0,4199	9,372E-06
TcCLB.511643.80	hypothetical protein, conserved (pseudogene)	-0,4201	0,00000996
TcCLB.508737.110	hypothetical protein, conserved	-0,4201	0,00004953
TcCLB.509899.10	trans-sialidase (pseudogene), putative	-0,4202	0,001466
TcCLB.511569.30	trans-sialidase (pseudogene), putative	-0,4206	0,02799
TcCLB.507251.30	hypothetical protein, conserved	-0,4207	0,00006716
TcCLB.504137.70	hypothetical protein, conserved	-0,4207	0,0004606
TcCLB.507009.90	iron-sulfur cluster assembly protein, putative	-0,4209	0,0003247
TcCLB.506737.20	protein kinase, putative	-0,421	0,00004264
TcCLB.506895.20	hypothetical protein, conserved	-0,4212	5,289E-06
TcCLB.511287.100	hypothetical protein, conserved	-0,4212	0,0000622

TcCLB.509671.90	COP-coated vesicle membrane protein gp25L precursor, p	-0,4212	0,0001054
TcCLB.511627.110	heat shock protein DNAJ, putative	-0,4213	2,216E-11
TcCLB.507807.20	hypothetical protein, conserved	-0,4213	0,01027
TcCLB.511821.80	hypothetical protein, conserved	-0,4214	0,0001313
TcCLB.504881.10	hypothetical protein, conserved	-0,4216	0,0000803
TcCLB.508389.174	hypothetical protein, conserved (pseudogene)	-0,4218	0,04173
TcCLB.508607.70	trans-sialidase (pseudogene), putative	-0,4221	0,001744
TcCLB.509791.70	hypothetical protein, conserved	-0,4222	0,003326
TcCLB.507771.120	trans-sialidase (pseudogene), putative	-0,4222	0,008825
TcCLB.509617.50	hypothetical protein, conserved	-0,4223	0,00006528
TcCLB.507601.130	hypothetical protein, conserved	-0,4226	3,154E-06
TcCLB.506923.30	hypothetical protein (pseudogene)	-0,4227	0,08955
TcCLB.507005.20	hypothetical protein, conserved	-0,4229	0,0007696
TcCLB.506817.79	kinteoplast poly(A) polymerase complex 1 subunit, putativ	-0,4229	0,008872
TcCLB.509145.19	hypothetical protein, conserved	-0,423	0,005241
TcCLB.510747.18	hypothetical protein, conserved	-0,4232	0,001284
TcCLB.508637.130	hypothetical protein, conserved	-0,4232	0,0915
TcCLB.509729.29	neurobeachin/beige protein, putative (fragment)	-0,4233	0,0001006
TcCLB.503805.3	kinesin heavy chain, putative	-0,4234	0,01132
TcCLB.509665.13	trans-sialidase (pseudogene), putative	-0,4237	0,05099
TcCLB.504159.90	hypothetical protein, conserved	-0,4238	0,00000174
TcCLB.508777.100	cyclin 1 (CYC1)	-0,424	0,0009675
TcCLB.508163.50	mucin-associated surface protein (MASP), putative	-0,4241	0,05448
TcCLB.510597.30	hypothetical protein, conserved	-0,4243	1,417E-06
TcCLB.505957.140	trans-sialidase (pseudogene), putative	-0,4244	0,02961
TcCLB.511745.50	hypothetical protein, conserved	-0,4245	0,02791
TcCLB.510679.90	expression site-associated gene (ESAG-like, pseudogene),	-0,4245	0,1375
TcCLB.504155.280	trans-sialidase (pseudogene), putative	-0,4246	0,02098
TcCLB.507099.70	hypothetical protein, conserved	-0,4248	6,609E-07
TcCLB.509793.60	hypothetical protein, conserved	-0,4248	0,00009337
TcCLB.507165.10	hypothetical protein, conserved	-0,4249	0,00134
TcCLB.511259.149	mucin-associated surface protein (MASP, pseudogene), p	-0,4249	0,1905
TcCLB.508325.60	retrotransposon hot spot (RHS) protein, putative	-0,4251	0,001433
TcCLB.503985.20	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,4252	0,0264
TcCLB.508175.340	hypothetical protein, conserved	-0,4255	1,226E-07
TcCLB.506529.160	hypothetical protein, conserved	-0,4255	0,0001439
TcCLB.506709.30	hypothetical protein, conserved	-0,4255	0,0001896
TcCLB.510973.20	hypothetical protein, conserved	-0,4256	0,00001613
TcCLB.503525.20	hypothetical protein, conserved	-0,4257	1,733E-06
TcCLB.511423.50	conserved protein, unknown function	-0,4259	8,567E-06
TcCLB.510759.60	vesicle-associated membrane protein, putative	-0,4259	0,003508
TcCLB.507049.41	hypothetical protein, conserved	-0,4259	0,01433
TcCLB.506303.30	hypothetical protein, conserved	-0,4261	0,001553
TcCLB.509973.25	mucin TcMUC (pseudogene), putative	-0,4261	0,06235
TcCLB.511183.480	hypothetical protein, conserved (pseudogene)	-0,4261	0,215

TcCLB.509943.30	ribosomal protein S6, putative	-0,4262	0,002591
TcCLB.506709.50	hypothetical protein, conserved	-0,4263	0,01949
TcCLB.508173.240	hypothetical protein, conserved	-0,4266	0,00144
TcCLB.506289.200	hypothetical protein	-0,4267	0,1569
TcCLB.508601.60	hypothetical protein, conserved	-0,4268	0,0002317
TcCLB.504093.10	hypothetical protein, conserved (pseudogene)	-0,427	2,531E-06
TcCLB.510243.20	hypothetical protein, conserved	-0,4273	0,0001718
TcCLB.508595.30	hypothetical protein (pseudogene)	-0,4273	0,003264
TcCLB.510755.147	hypothetical protein, conserved	-0,4274	0,003526
TcCLB.509669.20	subtilisin-like serine peptidase, putative	-0,4279	2,434E-07
TcCLB.505297.80	trans-sialidase (pseudogene), putative	-0,428	0,007444
TcCLB.508445.30	protein kinase, putative	-0,4283	0,0004313
TcCLB.509945.20	hypothetical protein, conserved	-0,4283	0,001291
TcCLB.511283.80	hypothetical protein, conserved	-0,4284	1,421E-07
TcCLB.506863.80	serine/threonine protein phosphatase, putative	-0,4284	0,000105
TcCLB.506975.49	f-actin capping protein beta subunit, putative	-0,4284	0,002051
TcCLB.509069.49	DNA replication licensing factor MCM7, putative (fragmer	-0,4284	0,004425
TcCLB.410199.30	trans-sialidase, Group VI, putative	-0,4284	0,007638
TcCLB.508509.30	surface protease GP63 (pseudogene), putative	-0,4285	0,1618
TcCLB.509099.59	hypothetical protein, conserved	-0,4286	0,0004153
TcCLB.510275.405	hypothetical protein	-0,4286	0,1377
TcCLB.511721.20	hypothetical protein, conserved	-0,4286	0,1862
TcCLB.508417.10	hypothetical protein, conserved	-0,4289	3,192E-06
TcCLB.503901.18	hypothetical protein, conserved (fragment)	-0,4291	0,00009829
TcCLB.511407.40	hypothetical protein, conserved	-0,4292	0,0001654
TcCLB.504103.70	hypothetical protein, conserved	-0,4293	0,0006779
TcCLB.511821.60	protein kinase, putative	-0,4294	0,00003535
TcCLB.511717.40	hypothetical protein, conserved	-0,4294	0,005472
TcCLB.510279.180	mucin TcMUCII (pseudogene), putative	-0,4296	0,2901
TcCLB.511491.30	hypothetical protein, conserved	-0,4297	0,0001894
TcCLB.510223.9	hypothetical protein, conserved	-0,4297	0,2118
TcCLB.506133.68	mucin TcMUCII (pseudogene), putative	-0,4298	0,2591
TcCLB.511211.150	spindle pole body component alp6, putative	-0,4299	0,00003599
TcCLB.511305.20	hypothetical protein, conserved	-0,4302	2,648E-07
TcCLB.478283.10	hypothetical protein, conserved (pseudogene)	-0,4305	0,00557
TcCLB.507941.20	hypothetical protein, conserved	-0,4306	6,801E-08
TcCLB.504411.30	serine/threonine protein kinase, putative	-0,4306	0,00705
TcCLB.504689.30	trans-sialidase (pseudogene), putative	-0,4306	0,03355
TcCLB.510889.352	retrotransposon hot spot (RHS) protein, putative (fragmer	-0,4306	0,1365
TcCLB.509267.50	U5 small nuclear ribonucleoprotein component, putative	-0,4309	2,824E-07
TcCLB.506579.60	hypothetical protein, conserved	-0,4309	0,0004199
TcCLB.505009.30	serine/threonine protein kinase, putative	-0,4311	0,0104
TcCLB.510611.50	hypothetical protein, conserved	-0,4313	0,0002331
TcCLB.508521.11	trans-sialidase (pseudogene), putative	-0,4313	0,01233
TcCLB.508815.100	hypothetical protein, conserved	-0,4314	0,0000116

TcCLB.509537.10	pre-mRNA splicing factor ATP-dependent RNA helicase, p	-0,4316	0,0002522
TcCLB.511915.20	trans-sialidase (pseudogene), putative	-0,4317	0,007049
TcCLB.509965.280	hypothetical protein, conserved	-0,4318	0,001257
TcCLB.510661.120	hypothetical protein, conserved	-0,4319	0,0003279
TcCLB.504171.50	hypothetical protein, conserved	-0,432	1,071E-08
TcCLB.509169.20	hypothetical protein, conserved	-0,4321	0,00001951
TcCLB.505949.50	mucin-associated surface protein (MASP, pseudogene), p	-0,4321	0,3674
TcCLB.507093.10	hypothetical protein, conserved	-0,4322	2,731E-06
TcCLB.511737.90	hypothetical protein, conserved	-0,4323	0,0009486
TcCLB.506739.70	hypothetical protein, conserved	-0,4324	0,00005972
TcCLB.510101.480	hypothetical protein, conserved	-0,4328	0,0007033
TcCLB.509989.10	phosphatidylinositol 3-kinase, putative	-0,433	0,005769
TcCLB.507517.20	DNA polymerase sigma-like protein, putative	-0,4334	0,00048
TcCLB.511067.14	hypothetical protein, conserved	-0,4334	0,005065
TcCLB.511131.60	hypothetical protein, conserved	-0,4336	0,0008974
TcCLB.506885.290	DNA replication licensing factor MCM9, putative	-0,4337	0,0000232
TcCLB.509671.50	hypothetical protein, conserved	-0,4337	0,003097
TcCLB.503561.20	hypothetical protein, conserved	-0,4345	0,0006046
TcCLB.511517.95	hypothetical protein, conserved	-0,4347	0,0376
TcCLB.511151.20	hypothetical protein, conserved	-0,4352	7,788E-07
TcCLB.504883.30	hypothetical protein, conserved	-0,4353	6,393E-07
TcCLB.511055.50	protein kinase, putative	-0,4353	0,0499
TcCLB.507093.180	transcription factor IIIb, putative	-0,4354	0,0000378
TcCLB.508857.140	hypothetical protein, conserved	-0,4354	0,00009506
TcCLB.508479.290	vacuolar sorting protein, putative	-0,4357	0,00792
TcCLB.508413.30	hypothetical protein, conserved	-0,4358	1,204E-06
TcCLB.508707.170	outer dynein arm docking complex, putative (DC2)	-0,4358	0,00003221
TcCLB.511001.200	hypothetical protein, conserved	-0,4358	0,0004139
TcCLB.510655.100	hypothetical protein	-0,4361	0,0005459
TcCLB.504035.100	hypothetical protein, conserved	-0,4363	4,306E-06
TcCLB.508661.60	GPI transamidase component Tta2, putative (TTA2)	-0,4363	0,00002578
TcCLB.511787.20	trans-sialidase (pseudogene), putative	-0,4367	0,05109
TcCLB.508507.9	hypothetical protein, conserved	-0,4371	0,006205
TcCLB.508739.50	hypothetical protein	-0,4372	0,001636
TcCLB.508023.100	trans-sialidase, Group IV, putative	-0,4372	0,02074
TcCLB.509899.70	hypothetical protein, conserved (pseudogene)	-0,4374	3,859E-06
TcCLB.503557.49	hypothetical protein, conserved (fragment)	-0,4374	0,03272
TcCLB.506943.150	hypothetical protein, conserved (pseudogene)	-0,4375	0,0000108
TcCLB.506753.80	hypothetical protein, conserved	-0,4376	0,00003484
TcCLB.511261.40	hypothetical protein	-0,4376	0,0001131
TcCLB.506883.34	hypothetical protein, conserved	-0,4376	0,0002807
TcCLB.508075.30	hypothetical protein, conserved (pseudogene)	-0,4376	0,001236
TcCLB.509059.89	vacuolar assembly protein vps41, putative (fragment)	-0,4376	0,0422
TcCLB.507663.70	hypothetical protein, conserved	-0,4377	0,001668
TcCLB.506181.10	hypothetical protein, conserved	-0,4378	0,0009609

TcCLB.511445.120	hypothetical protein, conserved	-0,4379	0,00008638
TcCLB.504105.200	hypothetical protein, conserved	-0,438	4,488E-08
TcCLB.509801.10	hypothetical protein, conserved	-0,438	0,00009297
TcCLB.509965.210	hypothetical protein, conserved	-0,4383	0,08267
TcCLB.509005.50	hypothetical protein, conserved	-0,4384	5,045E-07
TcCLB.506863.40	hypothetical protein, conserved	-0,4384	0,01417
TcCLB.511277.460	hypothetical protein, conserved	-0,4385	0,0002193
TcCLB.508645.50	hypothetical protein, conserved	-0,4386	0,00001966
TcCLB.511277.300	hypothetical protein	-0,4387	2,164E-07
TcCLB.511153.150	hypothetical protein	-0,4387	0,002844
TcCLB.506579.90	hypothetical protein	-0,4388	8,606E-06
TcCLB.504123.10	hypothetical protein, conserved	-0,4388	0,0001471
TcCLB.506577.70	hypothetical protein, conserved	-0,4388	0,0003507
TcCLB.506883.90	hypothetical protein, conserved	-0,4389	0,0003382
TcCLB.504203.29	tRNA-dihydrouridine synthase 2, putative	-0,4391	0,006944
TcCLB.506173.80	hypothetical protein	-0,4391	0,2481
TcCLB.504021.100	hypothetical protein, conserved	-0,4392	0,00006046
TcCLB.508201.40	mucin TcMUCII, putative	-0,4392	0,03821
TcCLB.510201.70	hypothetical protein	-0,4392	0,1159
TcCLB.510737.119	hypothetical protein, conserved	-0,4394	0,0001828
TcCLB.511803.60	hypothetical protein, conserved	-0,4394	0,002939
TcCLB.506411.25	hypothetical protein, conserved (pseudogene)	-0,4398	0,00857
TcCLB.507753.3	hypothetical protein, conserved (pseudogene)	-0,44	0,04489
TcCLB.511587.36	N-acetyltransferase complex ARD1 subunit (pseudogene),	-0,44	0,09075
TcCLB.511751.163	hypothetical protein, conserved	-0,4401	0,0001121
TcCLB.511907.290	hypothetical protein, conserved	-0,4402	0,00001875
TcCLB.506405.140	hypothetical protein, conserved	-0,4403	0,00008208
TcCLB.510819.70	hypothetical protein, conserved	-0,4403	0,0003947
TcCLB.510421.330	hypothetical protein, conserved (fragment)	-0,4406	1,595E-07
TcCLB.507915.5	glutaminyl-tRNA synthetase, putative	-0,4406	0,1851
TcCLB.508479.140	hypothetical protein, conserved	-0,4407	0,001156
TcCLB.509167.170	hypothetical protein, conserved	-0,4409	0,001308
TcCLB.506905.40	ABC transporter, putative	-0,441	0,002402
TcCLB.508723.40	hypothetical protein, conserved	-0,4414	6,029E-07
TcCLB.510303.170	hypothetical protein, conserved	-0,4416	2,676E-09
TcCLB.506559.530	protein phosphatase 2C, putative	-0,4416	0,00006421
TcCLB.506839.30	hypothetical protein, conserved	-0,4418	0,0008481
TcCLB.508307.40	hypothetical protein, conserved	-0,4418	0,001597
TcCLB.510821.20	hypothetical protein, conserved	-0,4419	5,841E-08
TcCLB.508437.5	mucin-like glycoprotein (pseudogene), putative	-0,4421	0,21
TcCLB.511431.20	hypothetical protein, conserved	-0,4422	3,462E-10
TcCLB.506955.198	hypothetical protein	-0,4424	0,03448
TcCLB.511801.40	hypothetical protein, conserved	-0,4425	0,000563
TcCLB.510819.110	ATP-dependent RNA helicase, putative	-0,4426	2,091E-07
TcCLB.507729.20	hypothetical protein, conserved (pseudogene)	-0,4426	0,02727

TcCLB.508613.50	hypothetical protein, conserved	-0,4429	3,072E-08
TcCLB.508153.600	actin-like protein, putative	-0,4429	0,0003939
TcCLB.504133.45	hypothetical protein, conserved	-0,4429	0,03845
TcCLB.507895.69	hypothetical protein, conserved	-0,4432	0,02572
TcCLB.511029.10	enolase, putative	-0,4437	0,00004749
TcCLB.505999.40	DNA repair protein BRCA2, putative	-0,4438	0,0003944
TcCLB.508153.870	hypothetical protein, conserved	-0,4445	2,274E-06
TcCLB.506503.90	kinesin, putative	-0,445	0,007704
TcCLB.508533.30	metalloprotease, putative	-0,4451	9,43E-08
TcCLB.504013.70	metallo-peptidase, Clan MC, Family M14	-0,4455	0,00001494
TcCLB.506297.20	hypothetical protein	-0,4456	6,506E-08
TcCLB.508707.210	DNA replication licensing factor MCM7, putative	-0,4456	0,00001133
TcCLB.510597.9	tousled-like kinase II, putative	-0,4457	0,0007156
TcCLB.508707.180	ubiquitin hydrolase, putative	-0,4458	2,374E-07
TcCLB.510021.150	hypothetical protein, conserved (pseudogene)	-0,4459	0,03215
TcCLB.506543.100	hypothetical protein, conserved	-0,4462	0,0009976
TcCLB.504155.250	trans-sialidase (pseudogene), putative	-0,4462	0,2049
TcCLB.509399.110	hypothetical protein, conserved	-0,4463	9,831E-06
TcCLB.511635.50	hypothetical protein, conserved	-0,4467	0,001895
TcCLB.508741.30	hypothetical protein, conserved	-0,4468	0,00006169
TcCLB.506223.100	hypothetical protein, conserved	-0,4471	0,00007082
TcCLB.506511.80	hypothetical protein, conserved	-0,4472	2,953E-06
TcCLB.507801.80	hypothetical protein, conserved	-0,4473	0,003634
TcCLB.507089.230	hypothetical protein, conserved	-0,4474	1,433E-06
TcCLB.510123.40	hypothetical protein, conserved	-0,4475	0,01637
TcCLB.505999.160	leucine-rich repeat-containing protein	-0,4476	0,0001029
TcCLB.511413.11	hypothetical protein, conserved (pseudogene)	-0,4476	0,0004473
TcCLB.509599.40	hypothetical protein, conserved	-0,4477	0,001052
TcCLB.506941.20	tRNA modification enzyme, putative	-0,4478	0,001
TcCLB.511291.80	hypothetical protein, conserved	-0,448	0,008302
TcCLB.506789.200	ubiquitin-conjugating enzyme E2, putative	-0,4481	1,583E-06
TcCLB.506943.20	hypothetical protein, conserved	-0,4482	0,00007513
TcCLB.503773.20	hypothetical protein, conserved	-0,4484	0,01398
TcCLB.510939.20	hypothetical protein, conserved	-0,4484	0,01441
TcCLB.505365.50	beta galactofuranosyl glycosyltransferase (pseudogene), f	-0,4484	0,01768
TcCLB.504121.20	hypothetical protein, conserved	-0,4486	0,0002464
TcCLB.506469.60	hypothetical protein	-0,4491	0,01711
TcCLB.506163.20	surface protease GP63, putative	-0,4491	0,025
TcCLB.510421.50	hypothetical protein, conserved	-0,4493	0,00004382
TcCLB.509267.20	hypothetical protein	-0,4494	0,0003355
TcCLB.510743.130	denn domain-containing protein (pseudogene)	-0,4494	0,007214
TcCLB.510053.40	hypothetical protein, conserved	-0,4494	0,01141
TcCLB.506477.40	Tubulin/FtsZ family, putative	-0,4497	0,00000188
TcCLB.508899.20	hypothetical protein, conserved	-0,4498	1,675E-06
TcCLB.504769.190	trans-sialidase (pseudogene), putative	-0,4498	0,01912

TcCLB.507381.20	trans-sialidase (pseudogene), putative	-0,45	0,002442
TcCLB.504059.20	endomembrane protein, putative	-0,4502	3,899E-07
TcCLB.508177.30	hypothetical protein, conserved	-0,4502	1,917E-06
TcCLB.508121.120	mucin TcMUCII, putative	-0,4503	0,1361
TcCLB.508889.4	5-oxoprolinase, putative	-0,4506	0,04518
TcCLB.506473.10	Pre-mRNA-splicing factor 38, putative	-0,4507	0,002974
TcCLB.509991.29	cyclophilin 15, putative	-0,4508	0,00001956
TcCLB.509539.20	receptor-type adenylate cyclase, putative	-0,4508	0,000365
TcCLB.511063.30	trans-sialidase (pseudogene), putative	-0,4508	0,05105
TcCLB.510285.140	hypothetical protein, conserved (fragment)	-0,451	0,1945
TcCLB.511751.40	DNA-J protein, putative	-0,4511	0,001291
TcCLB.503965.10	hypothetical protein, conserved	-0,4512	0,0005268
TcCLB.510693.60	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,4513	0,1756
TcCLB.511511.120	hypothetical protein, conserved	-0,4521	0,00003017
TcCLB.503583.10	metallo-peptidase, Clan MC, Family M14, putative	-0,4521	0,00009302
TcCLB.506399.40	hypothetical protein, conserved	-0,4521	0,02022
TcCLB.510323.80	hypothetical protein, conserved	-0,4523	1,618E-06
TcCLB.504113.10	protein kinase, putative	-0,4523	0,000388
TcCLB.504839.60	hypothetical protein, conserved	-0,4524	0,00001398
TcCLB.508159.50	mucin-associated surface protein (MASP, pseudogene), pi	-0,4524	0,03584
TcCLB.509317.29	hypothetical protein	-0,4526	0,02044
TcCLB.506947.50	hypothetical protein, conserved	-0,4527	0,0001632
TcCLB.503917.50	hypothetical protein, conserved	-0,4528	0,0003956
TcCLB.510329.220	hypothetical protein, conserved	-0,4533	6,649E-06
TcCLB.509073.40	outer dynein arm docking complex protein (DC2)	-0,4533	0,00001412
TcCLB.509063.4	hypothetical protein, conserved	-0,4533	0,008872
TcCLB.511491.170	quiescin sulfhydryl oxidase, putative (QSOX)	-0,4534	2,615E-06
TcCLB.462761.4	hypothetical protein, conserved	-0,4534	0,005511
TcCLB.506211.120	hypothetical protein, conserved	-0,4538	0,00003043
TcCLB.511731.30	serine/threonine protein phosphatase, putative	-0,4539	0,00001747
TcCLB.505931.10	surface protease GP63, putative	-0,4541	0,0004335
TcCLB.506717.130	trans-sialidase (pseudogene), putative	-0,4545	0,00008641
TcCLB.503893.50	hypothetical protein, conserved	-0,4547	0,00011
TcCLB.510749.74	hypothetical protein, conserved	-0,4548	0,00002625
TcCLB.509213.60	hypothetical protein, conserved	-0,4548	0,004651
TcCLB.404001.4	metalloprotease, putative (fragment)	-0,4549	9,708E-08
TcCLB.511367.260	Peptidase C19, ubiquitin carboxyl-terminal hydrolase, puta	-0,4549	1,901E-07
TcCLB.510989.10	fatty acid elongase, putative	-0,4549	0,0003305
TcCLB.506435.230	hypothetical protein, conserved (pseudogene)	-0,455	0,0006165
TcCLB.511067.4	phosphatidylinositol 3-kinase, putative	-0,4551	0,0009643
TcCLB.509499.4	hypothetical protein, conserved	-0,4552	0,001866
TcCLB.509443.39	hypothetical protein, conserved	-0,4554	0,00181
TcCLB.510765.50	hypothetical protein, conserved	-0,4555	0,0004668
TcCLB.508737.50	hypothetical protein, conserved	-0,4555	0,003578
TcCLB.511137.10	hypothetical protein, conserved	-0,4556	0,00204

TcCLB.507515.70	hypothetical protein, conserved	-0,4557	2,633E-07
TcCLB.509965.319	hypothetical protein, conserved	-0,4557	3,942E-06
TcCLB.506563.60	hypothetical protein, conserved	-0,4558	0,0002763
TcCLB.506455.10	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,4558	0,01352
TcCLB.511709.19	phosphatidylinositol 3-kinase catalytic subunit, putative	-0,4559	0,002703
TcCLB.506363.60	f-actin capping protein beta subunit, putative	-0,4561	0,0004281
TcCLB.509127.59	hypothetical protein, conserved	-0,4561	0,04596
TcCLB.510731.40	katanin, putative	-0,4562	0,0003135
TcCLB.510187.270	transmembrane emp24 domain-containing protein	-0,4564	0,0002843
TcCLB.507395.20	hypothetical protein, conserved	-0,4565	0,001281
TcCLB.510689.50	cell differentiation protein, putative	-0,4566	0,00002313
TcCLB.506445.110	nucleobase transporter, putative	-0,4567	3,512E-08
TcCLB.511273.50	hypothetical protein, conserved	-0,4567	0,00009471
TcCLB.508789.130	surface protease GP63 (pseudogene), putative	-0,4567	0,1374
TcCLB.507257.110	hypothetical protein, conserved	-0,4568	0,0007679
TcCLB.507031.50	hypothetical protein, conserved	-0,4568	0,009206
TcCLB.509163.105	ATP-dependent DEAD/H RNA helicase (pseudogene), puta	-0,4569	0,2658
TcCLB.506529.290	hypothetical protein, conserved	-0,457	0,0001472
TcCLB.508209.20	hypothetical protein, conserved	-0,457	0,002557
TcCLB.506559.440	hypothetical protein, conserved	-0,4571	5,363E-10
TcCLB.509849.40	mannosyl-oligosaccharide 1,2-alpha-mannosidase IB, puta	-0,4571	0,004863
TcCLB.508153.110	hypothetical protein	-0,4576	0,002587
TcCLB.508277.200	hypothetical protein, conserved	-0,4577	0,0001402
TcCLB.506541.10	hypothetical protein, conserved (pseudogene)	-0,4578	0,1327
TcCLB.510285.80	hypothetical protein, conserved	-0,4582	0,002179
TcCLB.508207.279	hypothetical protein, conserved	-0,4584	0,0008738
TcCLB.506135.20	hypothetical protein, conserved	-0,4585	4,379E-08
TcCLB.506985.60	inositol polyphosphate kinase-like protein, putative	-0,4586	0,0001596
TcCLB.508999.30	Pre-mRNA-splicing factor 38, putative	-0,4587	0,01289
TcCLB.511841.10	trans-sialidase (pseudogene), putative	-0,4589	0,1988
TcCLB.510667.10	hypothetical protein, conserved	-0,459	0,0007848
TcCLB.508825.10	surface protease GP63, putative	-0,4593	0,0009758
TcCLB.507731.60	trans-sialidase, putative	-0,4594	0,1188
TcCLB.511633.79	microtubule-associated protein, putative	-0,4595	0,0006379
TcCLB.510723.10	hypothetical protein, conserved	-0,4595	0,02084
TcCLB.505009.4	hypothetical protein, conserved	-0,4596	0,0524
TcCLB.511729.9	calmodulin, putative	-0,4597	0,01211
TcCLB.509205.50	hypothetical protein, conserved	-0,4599	0,00003869
TcCLB.507949.20	RWD domain-containing protein	-0,46	0,0002666
TcCLB.508153.720	hypothetical protein, conserved	-0,4602	0,006082
TcCLB.503909.40	hypothetical protein	-0,4604	0,009391
TcCLB.506885.370	hypothetical protein, conserved	-0,4608	0,003122
TcCLB.511753.40	hypothetical protein, conserved	-0,4609	0,007813
TcCLB.510503.50	trans-sialidase, Group V, putative	-0,4612	0,01182
TcCLB.506205.40	protein kinase, putative	-0,4613	0,00003837



TcCLB.503477.20	transaldolase, putative	-0,4615	0,00002157
TcCLB.505939.40	hypothetical protein, conserved	-0,4615	0,0001898
TcCLB.508323.190	serine/threonine protein phosphatase, putative	-0,4615	0,0004551
TcCLB.439307.19	hypothetical protein, conserved	-0,4619	0,09386
TcCLB.506247.170	ATPase, putative	-0,462	5,949E-07
TcCLB.506351.60	hypothetical protein, conserved	-0,4623	0,00004945
TcCLB.510879.100	hypothetical protein	-0,4623	0,0001035
TcCLB.506799.120	hypothetical protein	-0,4623	0,02635
TcCLB.508873.439	mucin TcMUCII (pseudogene), putative	-0,4623	0,2445
TcCLB.510533.150	hypothetical protein	-0,4624	5,23E-07
TcCLB.503453.80	hypothetical protein, conserved	-0,4624	0,0001195
TcCLB.427091.10	solanesyl-diphosphate synthase, putative	-0,4624	0,00055
TcCLB.510693.314	mucin TcMUCII (pseudogene), putative	-0,4625	0,01673
TcCLB.508367.50	hypothetical protein, conserved (pseudogene)	-0,4625	0,03902
TcCLB.506609.15	hypothetical protein (pseudogene)	-0,4626	0,1037
TcCLB.506749.10	flagellar calcium-binding-like protein, putative	-0,4633	3,474E-08
TcCLB.511767.10	trans-sialidase, putative	-0,4633	0,07588
TcCLB.508859.20	hypothetical protein, conserved	-0,4636	0,0001491
TcCLB.507677.120	hypothetical protein, conserved	-0,4637	1,017E-06
TcCLB.507011.100	hypothetical protein, conserved	-0,4637	0,00002422
TcCLB.511127.369	hypothetical protein, conserved	-0,4638	0,00003362
TcCLB.508525.10	hypothetical protein, conserved	-0,4638	0,0005909
TcCLB.509203.60	histone acetyltransferase, putative	-0,4639	0,0002534
TcCLB.506797.50	hypothetical protein, conserved	-0,464	1,235E-06
TcCLB.504035.110	hypothetical protein	-0,464	0,0001262
TcCLB.509905.10	trans-sialidase (pseudogene), putative	-0,4641	0,00001477
TcCLB.506297.240	pretranslocation protein, alpha subunit, putative	-0,4642	7,146E-09
TcCLB.503787.65	hypothetical protein (pseudogene)	-0,4642	0,1772
TcCLB.506859.120	hypothetical protein	-0,4645	0,00002859
TcCLB.505949.110	hypothetical protein, conserved (pseudogene)	-0,4645	0,2416
TcCLB.509819.49	Myotubularin-related protein, putative (fragment)	-0,4646	0,000647
TcCLB.503489.10	metallo-peptidase, Clan MC, Family M14, putative	-0,4647	3,486E-07
TcCLB.506831.79	pre-mRNA splicing factor ATP-dependent RNA helicase, p	-0,4647	0,02622
TcCLB.506573.34	hypothetical protein, conserved	-0,4647	0,05908
TcCLB.510283.50	hypothetical protein, conserved	-0,4652	0,003221
TcCLB.507621.5	trans-sialidase (pseudogene), putative	-0,4654	0,08539
TcCLB.508805.90	hypothetical protein, conserved	-0,4657	0,06538
TcCLB.510497.190	hypothetical protein	-0,4657	0,2414
TcCLB.511589.140	phosphoenolpyruvate mutase, putative	-0,4658	3,995E-06
TcCLB.508351.30	hypothetical protein, conserved	-0,4658	0,00000653
TcCLB.509215.13	hypothetical protein, conserved	-0,4661	0,03378
TcCLB.506825.70	serine-threonine dehydratase, putative	-0,4662	0,009606
TcCLB.510191.31	trans-sialidase (pseudogene), putative	-0,4663	0,2048
TcCLB.507389.10	hypothetical protein, conserved	-0,4665	0,0002751
TcCLB.506459.235	hypothetical protein, conserved	-0,4665	0,01053

TcCLB.508739.30	hypothetical protein	-0,4666	0,000619
TcCLB.509065.79	hypothetical protein, conserved	-0,4667	0,00001207
TcCLB.504249.15	surface protease GP63 (pseudogene), putative	-0,4668	0,06658
TcCLB.506623.30	hypothetical protein	-0,4669	0,101
TcCLB.511255.110	trans-sialidase (pseudogene), putative	-0,467	0,1183
TcCLB.503765.10	trans-sialidase (pseudogene), putative	-0,4673	0,005538
TcCLB.506513.180	hypothetical protein, conserved	-0,4676	0,00001479
TcCLB.508187.10	vacuolar protein sorting-associated protein, putative (frag	-0,4678	0,0000276
TcCLB.508707.130	hypothetical protein, conserved	-0,4679	0,00002079
TcCLB.505037.157	trans-sialidase (pseudogene), putative	-0,4679	0,0004803
TcCLB.504881.14	hypothetical protein, conserved	-0,468	0,015
TcCLB.506111.10	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,4681	0,0001259
TcCLB.506151.10	hypothetical protein, conserved	-0,4683	0,00001436
TcCLB.508165.380	hypothetical protein	-0,4683	0,2336
TcCLB.506257.70	hypothetical protein, conserved	-0,4684	0,00004577
TcCLB.506767.170	trans-sialidase (pseudogene), putative	-0,4685	0,03464
TcCLB.510973.50	hypothetical protein, conserved	-0,4688	0,00007119
TcCLB.507641.14	neurobeachin/beige protein, putative	-0,469	2,688E-07
TcCLB.503809.90	glycerol uptake protein, putative	-0,469	0,00001777
TcCLB.503897.100	hypothetical protein, conserved	-0,4693	1,506E-06
TcCLB.503959.50	hypothetical protein, conserved	-0,4693	0,0001268
TcCLB.506817.60	hypothetical protein, conserved	-0,4693	0,0001695
TcCLB.508939.10	trans-sialidase (pseudogene), putative	-0,4693	0,005131
TcCLB.504123.20	hypothetical protein, conserved	-0,4694	0,00001937
TcCLB.430605.20	PTP1-interacting protein, 39 kDa, putative	-0,4697	3,097E-07
TcCLB.506113.83	ATP-dependent DEAD/H RNA helicase (pseudogene), puta	-0,4698	0,01393
TcCLB.506203.40	hypothetical protein, conserved	-0,4702	2,397E-08
TcCLB.510643.180	trans-sialidase (pseudogene), putative	-0,4702	0,0003879
TcCLB.504625.90	hypothetical protein, conserved	-0,4707	0,0002054
TcCLB.509747.100	hypothetical protein, conserved	-0,4708	1,655E-08
TcCLB.508397.50	hypothetical protein, conserved	-0,4713	0,0000211
TcCLB.506327.80	serine/threonine protein kinase, putative	-0,4713	0,0002736
TcCLB.507629.39	hypothetical protein, conserved (fragment)	-0,4714	1,1E-09
TcCLB.509315.10	hypothetical protein, conserved (pseudogene)	-0,4714	0,0834
TcCLB.508707.90	proteasome regulatory non-ATPase subunit 7, putative	-0,4715	7,094E-08
TcCLB.503913.29	hypothetical protein, conserved	-0,4715	0,01226
TcCLB.508827.44	hypothetical protein, conserved	-0,4717	0,0001099
TcCLB.503829.50	hypothetical protein, conserved	-0,4717	0,0003078
TcCLB.509991.70	hypothetical protein, conserved (pseudogene)	-0,472	0,00005464
TcCLB.506425.160	hypothetical protein, conserved	-0,472	0,0001249
TcCLB.437575.9	GDP-mannose 4,6 dehydratase, putative	-0,472	0,06862
TcCLB.509167.70	hypothetical protein, conserved	-0,4721	0,0001794
TcCLB.504105.190	hypothetical protein, conserved	-0,4723	0,00002852
TcCLB.504741.170	dual specificity protein phosphatase, putative	-0,4723	0,001747
TcCLB.505943.20	oxidoreductase, putative	-0,4725	0,0008162

TcCLB.508199.30	hypothetical protein, conserved	-0,4726	0,00009305
TcCLB.510515.80	hypothetical protein, conserved	-0,4727	3,862E-07
TcCLB.503775.30	syntaxin binding protein (pseudogene), putative	-0,4727	0,002428
TcCLB.511181.30	Iron-sulfur assembly protein 2, putative (Isa2)	-0,4728	0,008607
TcCLB.510141.10	thymine-7-hydroxylase, putative	-0,4728	0,05334
TcCLB.504213.60	hypothetical protein, conserved	-0,4729	1,509E-06
TcCLB.508089.30	hypothetical protein, conserved	-0,4729	3,693E-06
TcCLB.511165.60	DNA repair protein, putative	-0,473	0,0001565
TcCLB.511421.217	hypothetical protein, conserved	-0,4731	0,0002929
TcCLB.506425.30	hypothetical protein, conserved	-0,4734	5,546E-07
TcCLB.511449.70	trans-sialidase, Group V, putative	-0,4735	0,07672
TcCLB.504117.20	sedoheptulose-1,7-bisphosphatase, putative	-0,4737	0,001463
TcCLB.506955.90	trans-sialidase (pseudogene), putative	-0,4739	0,07351
TcCLB.510461.20	trans-sialidase (pseudogene), putative	-0,4739	0,2292
TcCLB.511217.30	diacylglycerol kinase, putative	-0,4741	5,142E-06
TcCLB.510759.200	hypothetical protein, conserved	-0,4741	0,00001352
TcCLB.511715.20	protein kinase, putative	-0,4746	0,00001373
TcCLB.511559.70	phospholipid transporting ATPase-like protein (pseudogen	-0,4747	6,253E-06
TcCLB.507445.20	trans-sialidase (pseudogene), putative	-0,4748	0,00006646
TcCLB.506735.60	hypothetical protein, conserved	-0,4749	0,004041
TcCLB.508837.154	hypothetical protein, conserved	-0,475	0,000945
TcCLB.506869.20	hypothetical protein, conserved	-0,4752	0,000121
TcCLB.511277.483	hypothetical protein, conserved	-0,4752	0,0007438
TcCLB.505943.10	hypothetical protein, conserved	-0,4756	0,004142
TcCLB.506205.49	hypothetical protein, conserved	-0,4756	0,1465
TcCLB.510307.245	elongation factor 1-gamma (EF-1-gamma, pseudogene),	-0,4756	0,1594
TcCLB.509789.10	hypothetical protein, conserved	-0,4757	3,605E-07
TcCLB.511127.190	hypothetical protein, conserved	-0,4757	8,406E-06
TcCLB.508787.10	hypothetical protein, conserved	-0,4757	0,0001526
TcCLB.511511.70	hypothetical protein, conserved	-0,4758	1,102E-08
TcCLB.511885.35	trans-sialidase (pseudogene), putative	-0,4759	0,01644
TcCLB.510825.30	phospholipase B-like, putative (p67)	-0,476	3,274E-10
TcCLB.506955.115	surface protease GP63 (pseudogene), putative	-0,476	0,1724
TcCLB.507257.40	hypothetical protein, conserved	-0,4762	0,009354
TcCLB.410589.19	hypothetical protein, conserved	-0,4765	0,004304
TcCLB.503797.7	hypothetical protein, conserved (pseudogene)	-0,4768	0,0000228
TcCLB.506213.120	ATP-dependent RNA helicase, putative	-0,4768	0,0000759
TcCLB.510661.260	hypothetical protein, conserved	-0,4769	6,424E-08
TcCLB.506471.50	trans-sialidase (pseudogene), putative	-0,477	0,0000127
TcCLB.508613.100	surface protease GP63 (pseudogene), putative	-0,477	0,03258
TcCLB.506625.180	hypothetical protein, conserved	-0,4772	2,772E-06
TcCLB.511725.134	mitochondrial carrier protein, putative	-0,4774	3,216E-06
TcCLB.508429.10	hypothetical protein	-0,4774	0,09526
TcCLB.508405.10	cell division cycle protein, putative	-0,4776	6,258E-06
TcCLB.507825.10	hypothetical protein, conserved	-0,4776	0,001158

TcCLB.509875.25	trans-sialidase (pseudogene), putative	-0,4776	0,1301
TcCLB.509939.19	hypothetical protein, conserved	-0,4781	4,093E-08
TcCLB.506825.100	hypothetical protein, conserved	-0,4781	0,00008769
TcCLB.511127.40	hypothetical protein	-0,4781	0,0003927
TcCLB.508153.140	protein kinase, putative	-0,4781	0,00334
TcCLB.506591.81	hypothetical protein, conserved (pseudogene)	-0,4783	0,0002514
TcCLB.510609.65	U6 snRNA-associated Sm-like protein LSm3p	-0,4783	0,04317
TcCLB.510161.10	hypothetical protein, conserved	-0,4784	0,0001142
TcCLB.506409.10	hypothetical protein	-0,4785	0,1592
TcCLB.509161.90	hypothetical protein, conserved	-0,4787	0,0006065
TcCLB.510863.9	hypothetical protein	-0,4789	0,005858
TcCLB.508873.150	mucin TcMUCII, putative	-0,4794	0,2632
TcCLB.504147.150	ATP-dependent DEAD/H RNA helicase, putative	-0,4796	3,085E-10
TcCLB.510431.320	hypothetical protein, conserved	-0,4799	1,556E-06
TcCLB.507733.40	hypothetical protein, conserved (pseudogene)	-0,4803	0,09695
TcCLB.504207.10	hypothetical protein, conserved	-0,4804	0,00008237
TcCLB.506739.160	hypothetical protein, conserved	-0,4809	4,693E-06
TcCLB.509537.50	Flagellar Member 1 (FLAM1)	-0,4813	1,856E-07
TcCLB.509179.220	hypothetical protein, conserved	-0,4817	0,0003459
TcCLB.505555.40	hypothetical protein, conserved	-0,4818	1,291E-06
TcCLB.506321.40	mucin TcMUCII, putative	-0,4822	0,0001042
TcCLB.510091.30	hypothetical protein, conserved	-0,4825	0,00002292
TcCLB.507103.10	DnaJ chaperone protein, putative	-0,4826	0,00003919
TcCLB.510887.14	chaperone DNAJ protein, putative	-0,4827	5,882E-06
TcCLB.510765.30	COP-coated vesicle membrane protein gp25L precursor, p	-0,4827	0,00001442
TcCLB.506223.20	hypothetical protein, conserved	-0,4828	0,0001387
TcCLB.509963.10	hypothetical protein, conserved (fragment)	-0,4829	0,001827
TcCLB.508921.30	Kinesin-13 4, putative (KIN13-4)	-0,4831	0,002245
TcCLB.505075.10	hypothetical protein, conserved	-0,4833	0,0001196
TcCLB.506499.215	elongation factor 1-gamma (EF-1-gamma, pseudogene),	-0,4834	0,1808
TcCLB.506559.180	hypothetical protein, conserved	-0,4838	2,317E-06
TcCLB.508175.180	hypothetical protein, conserved	-0,4839	1,06E-07
TcCLB.511715.40	hypothetical protein, conserved	-0,4839	0,005131
TcCLB.511181.10	hypothetical protein, conserved	-0,4844	3,226E-06
TcCLB.503739.20	trans-sialidase (pseudogene), putative	-0,4846	0,0005596
TcCLB.506905.59	SNF2 DNA repair protein, putative (fragment)	-0,4847	3,644E-07
TcCLB.508899.110	actin-related protein 2, putative	-0,4848	0,00002131
TcCLB.506883.50	Present in the outer mitochondrial membrane proteome 5	-0,4849	1,911E-06
TcCLB.506579.20	hypothetical protein, conserved	-0,4851	0,00003599
TcCLB.507675.20	hypothetical protein, conserved	-0,4852	2,055E-07
TcCLB.510575.40	hypothetical protein, conserved	-0,4853	0,00007185
TcCLB.508181.90	hypothetical protein, conserved (pseudogene)	-0,4856	7,181E-07
TcCLB.504021.120	hypothetical protein, conserved	-0,4856	3,641E-06
TcCLB.508177.50	hypothetical protein	-0,4858	0,0004151
TcCLB.508331.50	hypothetical protein, conserved	-0,4859	0,00001777

TcCLB.507711.80	hypothetical protein, conserved	-0,4859	0,00007513
TcCLB.511851.61	mucin-associated surface protein (MASP, pseudogene), pi	-0,4862	0,1464
TcCLB.506267.48	hypothetical protein	-0,4863	0,01868
TcCLB.510695.10	surface protease GP63 (pseudogene), putative	-0,4864	0,008711
TcCLB.509901.100	hypothetical protein, conserved	-0,4866	3,36E-10
TcCLB.506841.8	hypothetical protein, conserved	-0,4866	2,965E-08
TcCLB.511895.60	hypothetical protein, conserved	-0,4866	0,0001423
TcCLB.511287.64	hypothetical protein, conserved	-0,4868	0,001218
TcCLB.507951.90	hypothetical protein, conserved	-0,4869	0,0000458
TcCLB.503703.20	hypothetical protein, conserved	-0,4873	0,0000194
TcCLB.506865.40	guanine nucleotide exchange factor subunit GCD7	-0,4874	9,398E-07
TcCLB.510029.30	hypothetical protein, conserved	-0,4878	0,0000024
TcCLB.510257.90	autophagocytosis associated protein, putative	-0,488	0,0008528
TcCLB.507887.20	ubiquitin hydrolase, putative	-0,4881	5,979E-10
TcCLB.510607.51	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,4883	0,1159
TcCLB.506619.90	ABC transporter family-like protein	-0,4887	0,0001098
TcCLB.509005.70	hypothetical protein, conserved	-0,4888	0,00002997
TcCLB.507089.70	RNA-binding protein, putative	-0,4893	0,0005033
TcCLB.504147.110	asparaginase, putative	-0,4893	0,002158
TcCLB.511215.110	hypothetical protein, conserved	-0,4895	1,005E-06
TcCLB.508207.190	hypothetical protein, conserved	-0,4897	5,541E-06
TcCLB.504179.30	hypothetical protein, conserved	-0,4898	0,0001333
TcCLB.509769.30	hypothetical protein, conserved	-0,4902	0,008626
TcCLB.511625.120	hypothetical protein	-0,4905	0,171
TcCLB.503789.30	hypothetical protein, conserved	-0,4907	0,001525
TcCLB.509033.70	hypothetical protein, conserved	-0,4908	0,0001517
TcCLB.503999.80	hypothetical protein, conserved	-0,4909	3,921E-10
TcCLB.508411.80	hypothetical protein, conserved	-0,4909	0,0000193
TcCLB.506367.89	hypothetical protein, conserved	-0,491	0,0007031
TcCLB.503763.50	trans-sialidase (pseudogene), putative	-0,4911	0,00008689
TcCLB.511717.160	hypothetical protein	-0,4911	0,0002023
TcCLB.511577.50	endo-beta-N-acetylglucosaminidase, putative	-0,4914	0,00002613
TcCLB.503885.70	hypothetical protein, conserved	-0,4914	0,0009107
TcCLB.506297.40	hypothetical protein, conserved	-0,4915	3,051E-13
TcCLB.508479.174	hypothetical protein, conserved	-0,4915	5,112E-06
TcCLB.508771.40	hypothetical protein, conserved	-0,4921	0,000818
TcCLB.509445.20	hypothetical protein, conserved	-0,4922	4,653E-08
TcCLB.510901.170	hypothetical protein, conserved	-0,4925	6,491E-08
TcCLB.509399.60	hypothetical protein, conserved	-0,4925	1,392E-07
TcCLB.507951.130	hypothetical protein	-0,4925	0,00003352
TcCLB.506753.70	hypothetical protein, conserved	-0,4925	0,0001067
TcCLB.507895.31	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,4926	0,02699
TcCLB.507809.50	hypothetical protein, conserved	-0,4932	0,0008344
TcCLB.503565.29	hypothetical protein, conserved	-0,4933	6,057E-07
TcCLB.504883.70	hypothetical protein, conserved (pseudogene)	-0,4934	1,197E-12

TcCLB.510853.30	trans-sialidase (pseudogene), putative	-0,4934	0,001734
TcCLB.509569.110	carrier protein, putative	-0,4935	0,00001812
TcCLB.511717.120	hypothetical protein, conserved	-0,4937	0,00000629
TcCLB.507357.20	hypothetical protein	-0,4938	0,1055
TcCLB.506867.10	endonuclease G, putative	-0,494	0,0006626
TcCLB.507163.60	hypothetical protein	-0,4941	0,05815
TcCLB.509229.70	hypothetical protein, conserved	-0,4949	4,373E-06
TcCLB.506459.299	mucin-associated surface protein (MASP, pseudogene), pu	-0,4958	7,967E-08
TcCLB.506055.14	trans-sialidase (pseudogene), putative	-0,4959	0,01589
TcCLB.510105.9	ATP-dependent DEAD/H RNA helicase, putative	-0,4961	0,00001391
TcCLB.509247.60	hypothetical protein, conserved (pseudogene)	-0,4961	0,00005584
TcCLB.505075.20	hypothetical protein	-0,4962	0,002315
TcCLB.433733.10	trans-sialidase, putative	-0,4963	0,001448
TcCLB.508515.100	hypothetical protein, conserved	-0,4964	0,002861
TcCLB.509795.70	hypothetical protein, conserved	-0,4965	4,736E-07
TcCLB.508539.169	trans-sialidase (pseudogene), putative	-0,4966	0,0322
TcCLB.503731.9	hypothetical protein (fragment)	-0,4966	0,03439
TcCLB.503897.150	hypothetical protein, conserved	-0,4967	0,00001199
TcCLB.503465.10	hypothetical protein, conserved	-0,4968	9,754E-07
TcCLB.508723.120	hypothetical protein, conserved	-0,4968	0,0003185
TcCLB.511755.100	hypothetical protein, conserved	-0,4968	0,02436
TcCLB.510657.210	hypothetical protein	-0,4971	0,0009756
TcCLB.504051.40	hypothetical protein, conserved	-0,4973	4,831E-07
TcCLB.510819.100	mitochondrial carrier protein, putative	-0,4974	0,00002332
TcCLB.507641.90	hypothetical protein, conserved	-0,4974	0,0001099
TcCLB.510915.21	surface protease GP63 (pseudogene), putative	-0,4974	0,01321
TcCLB.510187.210	hypothetical protein, conserved	-0,4977	6,49E-11
TcCLB.506375.20	hypothetical protein, conserved (pseudogene)	-0,4979	7,802E-07
TcCLB.511151.70	hypothetical protein, conserved	-0,4981	2,079E-08
TcCLB.509683.30	hypothetical protein, conserved	-0,4981	3,325E-07
TcCLB.509561.60	hypothetical protein, conserved	-0,4981	0,0003829
TcCLB.510889.160	cell division control protein (pseudogene), putative	-0,4982	6,198E-06
TcCLB.503541.5	cAMP-specific phosphodiesterase, putative	-0,4982	0,08163
TcCLB.503823.20	hypothetical protein, conserved	-0,4983	0,0004443
TcCLB.506135.50	hypothetical protein, conserved	-0,4984	5,662E-06
TcCLB.504033.53	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase (γ	-0,4984	0,247
TcCLB.510429.10	hypothetical protein, conserved	-0,4989	0,002073
TcCLB.510519.120	hypothetical protein, conserved	-0,4991	1,112E-06
TcCLB.510533.90	hypothetical protein, conserved	-0,4991	0,0000106
TcCLB.506763.121	elongation factor 1-gamma (EF-1-gamma, pseudogene),	-0,4991	0,2449
TcCLB.510099.50	hypothetical protein, conserved	-0,4994	0,00001246
TcCLB.507485.70	hypothetical protein, conserved	-0,4996	0,00009599
TcCLB.503981.90	SWI/SNF-related matrix-associated actin-dependent regu	-0,4998	0,04318
TcCLB.508525.60	hypothetical protein, conserved	-0,4999	6,56E-08
TcCLB.507471.41	trans-sialidase (pseudogene), putative	-0,4999	0,002165

TcCLB.510283.100	hypothetical protein, conserved	-0,4999	0,005609
TcCLB.507809.90	hypothetical protein, conserved	-0,5	1,157E-07
TcCLB.510823.90	hypothetical protein	-0,5008	9,084E-08
TcCLB.503433.10	hypothetical protein, conserved	-0,5008	0,0005534
TcCLB.506941.120	hypothetical protein, conserved	-0,5009	0,00001189
TcCLB.511455.10	surface protease GP63 (pseudogene), putative	-0,501	0,004946
TcCLB.421621.11	hypothetical protein, conserved (pseudogene)	-0,501	0,2732
TcCLB.507001.100	transporter, putative	-0,5013	0,001033
TcCLB.510361.50	mucin-associated surface protein (MASP, pseudogene), putative	-0,5013	0,02857
TcCLB.457339.19	hypothetical protein, conserved	-0,5018	0,001411
TcCLB.511245.40	hypothetical protein	-0,5021	0,00002991
TcCLB.414517.9	hypothetical protein, conserved	-0,5021	0,002271
TcCLB.508461.560	hypothetical protein, conserved	-0,5023	9,533E-06
TcCLB.504081.23	hypothetical protein, conserved	-0,5026	0,3296
TcCLB.506777.30	hypothetical protein, conserved	-0,5029	3,115E-09
TcCLB.503913.20	actin-related protein 3, putative	-0,5032	0,00000871
TcCLB.506009.60	hypothetical protein	-0,5033	0,0001021
TcCLB.509897.190	hypothetical protein, conserved (pseudogene)	-0,5036	8,157E-08
TcCLB.508221.310	trans-sialidase (pseudogene), putative	-0,5037	0,09158
TcCLB.509399.80	hypothetical protein, conserved	-0,504	2,237E-07
TcCLB.506297.210	hypothetical protein, conserved	-0,5041	1,052E-08
TcCLB.506345.70	retrotransposon hot spot protein (RHS, pseudogene), putative	-0,5043	0,0004185
TcCLB.503493.20	hypothetical protein, conserved	-0,5043	0,0006295
TcCLB.510375.20	trans-sialidase (pseudogene), putative	-0,5044	0,1733
TcCLB.511381.50	hypothetical protein, conserved	-0,5048	8,215E-07
TcCLB.507031.40	hypothetical protein, conserved	-0,5048	9,578E-07
TcCLB.505025.144	hypothetical protein, conserved	-0,5051	0,26
TcCLB.511559.20	hypothetical protein, conserved	-0,5053	8,392E-10
TcCLB.507021.60	p1/s1 nuclease, putative	-0,5054	3,404E-06
TcCLB.507763.20	hypothetical protein	-0,5054	0,0007124
TcCLB.503671.20	hypothetical protein, conserved	-0,5055	0,0001285
TcCLB.511215.20	hypothetical protein	-0,5056	1,282E-11
TcCLB.503611.30	hypothetical protein, conserved	-0,5056	1,788E-06
TcCLB.503811.40	PTS2 receptor, putative (PEX7)	-0,5056	0,0001258
TcCLB.506679.110	dynein heavy chain, putative	-0,5057	3,317E-07
TcCLB.509637.27	hypothetical protein, conserved	-0,5057	0,0001634
TcCLB.508259.11	hypothetical protein, conserved (pseudogene)	-0,5058	0,02446
TcCLB.508479.10	protein kinase, putative	-0,5058	0,04991
TcCLB.510749.4	ubiquitin-protein ligase, putative	-0,5059	0,2838
TcCLB.511217.209	hypothetical protein, conserved (fragment)	-0,506	0,0008153
TcCLB.506783.20	trans-sialidase (pseudogene), putative	-0,5061	0,0043
TcCLB.507087.30	cysteine peptidase, Clan CA, family C19, putative	-0,5062	1,004E-08
TcCLB.404975.30	trans-sialidase (pseudogene), putative	-0,5063	0,02143
TcCLB.510727.9	hypothetical protein, conserved (fragment)	-0,5065	0,001037
TcCLB.509693.70	hypoxanthine-guanine phosphoribosyltransferase, putative	-0,5066	0,0001274

TcCLB.511287.60	hypothetical protein, conserved	-0,5067	3,368E-11
TcCLB.510435.40	GPI transamidase component Tta1, putative (TTA1)	-0,5067	0,0001414
TcCLB.510667.70	iron-sulfur cluster assembly protein, putative	-0,5068	5,128E-06
TcCLB.509767.215	vesicle transport v-SNARE 11, putative	-0,5069	0,0004672
TcCLB.509993.15	mucin-associated surface protein (MASP, pseudogene), pi	-0,5069	0,00313
TcCLB.508221.350	hypothetical protein	-0,5069	0,03778
TcCLB.506755.40	hypothetical protein, conserved	-0,507	0,0002318
TcCLB.510481.90	hypothetical protein, conserved	-0,507	0,05851
TcCLB.510557.30	hypothetical protein	-0,5073	0,1879
TcCLB.510405.9	hypothetical protein, conserved (fragment)	-0,5074	2,829E-08
TcCLB.511245.110	hypothetical protein, conserved	-0,5077	4,349E-07
TcCLB.511165.40	acidocalcisomal pyrophosphatase, putative	-0,5078	4,782E-08
TcCLB.510543.70	trans-sialidase, Group II, putative	-0,5079	0,04022
TcCLB.507047.90	hypothetical protein	-0,508	0,00004052
TcCLB.506729.20	hypothetical protein, conserved	-0,5082	0,0004718
TcCLB.506699.34	ATP-dependent 6-phosphofructokinase, glycosomal (pseudogene), putative	-0,5083	1,087E-06
TcCLB.510625.210	trans-sialidase (pseudogene), putative	-0,5083	0,1261
TcCLB.509437.109	trans-sialidase (pseudogene), putative	-0,5085	0,003759
TcCLB.507049.199	pumilio protein, putative	-0,5087	0,0318
TcCLB.508009.10	surface protease GP63 (pseudogene), putative	-0,5087	0,03273
TcCLB.503913.4	nucleolar RNA binding protein (pseudogene), putative	-0,5091	0,000135
TcCLB.506573.91	coatomer delta subunit, putative	-0,5094	0,07095
TcCLB.509943.20	cAMP specific phosphodiesterase, putative	-0,5098	0,000506
TcCLB.508347.140	hypothetical protein, conserved	-0,5099	2,365E-06
TcCLB.509373.30	mucin-associated surface protein (MASP, pseudogene), pi	-0,5099	0,04152
TcCLB.511173.89	mucin TcMUCII (pseudogene), putative	-0,51	0,009962
TcCLB.503785.20	hypothetical protein, conserved	-0,5101	0,0001178
TcCLB.508723.80	disgorgin, putative	-0,5102	0,00005292
TcCLB.508163.170	trans-sialidase (pseudogene), putative	-0,5104	0,1213
TcCLB.511211.235	hypothetical protein, conserved	-0,5105	0,0002331
TcCLB.510713.101	surface protease GP63 (pseudogene), putative	-0,5105	0,2204
TcCLB.504081.295	surface protease GP63 (pseudogene), putative	-0,5107	0,1608
TcCLB.506579.119	hypothetical protein, conserved	-0,511	0,004026
TcCLB.506133.30	surface protease GP63 (pseudogene), putative	-0,511	0,2331
TcCLB.508523.21	trans-sialidase (pseudogene), putative	-0,5112	0,001491
TcCLB.510575.210	hypothetical protein, conserved	-0,5113	1,752E-06
TcCLB.510483.290	hypothetical protein	-0,5113	0,1386
TcCLB.504105.40	hypothetical protein, conserved	-0,5115	6,297E-09
TcCLB.506649.40	rho-like GTP binding protein, putative	-0,5115	0,00004406
TcCLB.511143.6	protein kinase, putative (fragment)	-0,5116	0,01191
TcCLB.506317.20	hypothetical protein, conserved	-0,5118	3,123E-09
TcCLB.507963.40	hypothetical protein, conserved	-0,5118	0,00007012
TcCLB.507709.100	protein phosphatase 2A regulatory subunit, putative	-0,5122	0,00002402
TcCLB.510007.40	hypothetical protein, conserved	-0,5125	0,00001701
TcCLB.506135.100	hypothetical protein, conserved	-0,5125	0,0007426



TcCLB.509015.10	copper-transporting ATPase, putative	-0,5125	0,02651
TcCLB.509099.150	cdc2-related kinase 9 (CRK9)	-0,5126	3,02E-07
TcCLB.507993.180	hypothetical protein, conserved	-0,5127	3,02E-07
TcCLB.506439.18	hypothetical protein, conserved	-0,5127	4,744E-06
TcCLB.504029.40	COPII coat assembly protein sec16, putative (sec16)	-0,5128	0,00001956
TcCLB.510351.70	hypothetical protein, conserved	-0,5128	0,0001314
TcCLB.510757.9	hypothetical protein, conserved (fragment)	-0,5131	2,137E-06
TcCLB.510263.30	surface protease GP63, putative	-0,5132	0,0007307
TcCLB.511529.170	enoyl-CoA hydratase/isomerase family protein, putative	-0,5132	0,002676
TcCLB.503753.20	hypothetical protein, conserved	-0,5134	0,0001587
TcCLB.506941.229	pre-mRNA cleavage complex II Clp1 protein, putative	-0,5138	4,496E-07
TcCLB.506697.30	serine/threonine-protein kinase Nek, putative	-0,5139	4,313E-07
TcCLB.506265.60	hypothetical protein, conserved	-0,514	2,486E-10
TcCLB.506661.120	hypothetical protein	-0,514	0,00002202
TcCLB.473313.10	mucin-associated surface protein (MASP), putative (fragm	-0,5141	0,008304
TcCLB.506451.16	hypothetical protein, conserved (pseudogene)	-0,5141	0,08033
TcCLB.504125.30	ubiquitin carboxyl-terminal hydrolase, putative	-0,5143	4,47E-10
TcCLB.511445.30	hypothetical protein, conserved	-0,5143	2,741E-07
TcCLB.506977.110	hypothetical protein, conserved (pseudogene)	-0,5143	2,954E-06
TcCLB.506503.40	hypothetical protein, conserved	-0,5143	0,00008669
TcCLB.511873.41	hypothetical protein, conserved (pseudogene)	-0,5148	0,08769
TcCLB.504125.64	hypothetical protein	-0,5149	4,087E-08
TcCLB.511491.80	mitogen-activated protein kinase, putative	-0,5149	6,385E-07
TcCLB.506305.20	hypothetical protein, conserved	-0,5149	2,665E-06
TcCLB.509599.180	hypothetical protein, conserved	-0,5152	0,00002144
TcCLB.504161.30	hypothetical protein, conserved	-0,5152	0,00006765
TcCLB.439803.9	trans-sialidase (pseudogene), putative	-0,5152	0,002272
TcCLB.506835.99	hypothetical protein, conserved	-0,5153	8,651E-13
TcCLB.508261.150	trans-sialidase (pseudogene), putative	-0,5153	0,01967
TcCLB.510709.50	mucin TcMUCII (pseudogene), putative	-0,5154	0,4069
TcCLB.511407.50	hypothetical protein, conserved	-0,5157	4,724E-08
TcCLB.507927.10	hypothetical protein, conserved	-0,5157	0,0001893
TcCLB.511797.167	mucin-associated surface protein (MASP), putative	-0,5157	0,1182
TcCLB.503529.10	hypothetical protein, conserved (fragment)	-0,516	0,1746
TcCLB.511277.610	surface protease GP63, putative	-0,5161	0,0001879
TcCLB.505071.60	protein kinase, putative	-0,5162	2,198E-09
TcCLB.508495.130	hypothetical protein	-0,5164	0,1432
TcCLB.509901.130	Iron-sulfur assembly protein 1, putative (Isa1)	-0,5165	1,529E-06
TcCLB.510445.30	hypothetical protein, conserved	-0,5166	1,181E-06
TcCLB.508277.260	actin-related protein 3, putative	-0,5167	1,743E-08
TcCLB.508887.10	hypothetical protein, conserved (pseudogene)	-0,5167	0,1995
TcCLB.510043.29	hypothetical protein, conserved	-0,5168	0,002346
TcCLB.509229.30	hypothetical protein, conserved	-0,5169	0,004722
TcCLB.504039.50	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,5169	0,007044
TcCLB.503713.40	hypothetical protein	-0,517	0,01496

TcCLB.504081.470	mucin TcMUCII, putative	-0,517	0,22
TcCLB.506943.69	hypothetical protein, conserved	-0,5171	2,289E-06
TcCLB.511277.614	hypothetical protein	-0,5171	0,02582
TcCLB.511255.370	mucin TcMUCII, putative	-0,5171	0,1579
TcCLB.506559.205	hypothetical protein	-0,5173	0,0001163
TcCLB.510361.10	trans-sialidase, Group V, putative	-0,5174	0,0637
TcCLB.508593.120	hypothetical protein, conserved	-0,5175	0,0001117
TcCLB.509073.10	hypothetical protein, conserved	-0,5176	4,157E-07
TcCLB.511167.10	NADH-cytochrome b5 reductase, putative	-0,5176	0,0000633
TcCLB.506941.30	hypothetical protein, conserved	-0,5178	2,031E-10
TcCLB.507937.6	trans-sialidase (pseudogene), putative	-0,518	0,2335
TcCLB.508811.55	hypothetical protein	-0,5189	2,152E-10
TcCLB.509399.130	hypothetical protein, conserved	-0,5189	5,619E-06
TcCLB.503989.50	hypothetical protein, conserved	-0,5191	8,345E-10
TcCLB.507739.110	myosin IB heavy chain, putative	-0,5193	7,318E-12
TcCLB.503525.30	hypothetical protein, conserved	-0,5194	1,077E-08
TcCLB.506709.40	hypothetical protein, conserved	-0,5194	0,0001144
TcCLB.503753.10	hypothetical protein, conserved	-0,5195	0,00006213
TcCLB.504057.130	hypothetical protein, conserved	-0,5197	1,085E-10
TcCLB.507711.70	hypothetical protein, conserved	-0,5199	0,00005239
TcCLB.503867.20	trans-sialidase (pseudogene), putative	-0,52	0,04138
TcCLB.506513.40	hypothetical protein, conserved	-0,5202	0,00003226
TcCLB.510359.430	trans-sialidase (pseudogene), putative	-0,5203	2,69E-07
TcCLB.504199.20	hypothetical protein, conserved	-0,5203	2,544E-06
TcCLB.507743.9	tyrosine protein kinase, putative	-0,5204	1,894E-06
TcCLB.511345.30	trans-sialidase (pseudogene), putative	-0,5206	0,0008825
TcCLB.511285.120	ATP-dependent RNA helicase, putative	-0,5209	0,00006364
TcCLB.508261.166	hypothetical protein, conserved (pseudogene)	-0,5209	0,02621
TcCLB.511449.95	hypothetical protein, conserved (pseudogene)	-0,5211	0,2932
TcCLB.507623.50	oxidoreductase, putative	-0,5212	0,00002078
TcCLB.511751.240	hypothetical protein, conserved (pseudogene)	-0,5217	6,494E-07
TcCLB.507023.190	DNA-J protein, putative	-0,5217	0,0001121
TcCLB.508307.100	hypothetical protein, conserved	-0,5218	0,000873
TcCLB.511451.100	trans-sialidase (pseudogene), putative	-0,5218	0,01571
TcCLB.508153.520	hypothetical protein, conserved (pseudogene)	-0,522	2,697E-09
TcCLB.505919.11	mucin-associated surface protein (MASP, pseudogene), pi	-0,522	1,51E-07
TcCLB.506743.130	protein tyrosine phosphatase-like protein, putative	-0,5222	0,01234
TcCLB.506357.80	hypothetical protein, conserved	-0,5223	1,36E-09
TcCLB.511153.90	phopshatase, putative	-0,5224	1,756E-07
TcCLB.472777.30	protein disulfide isomerase, putative	-0,5225	0,0009307
TcCLB.510887.70	hypothetical protein, conserved	-0,5226	3,682E-06
TcCLB.504057.120	lipophosphoglycan biosynthetic protein 2, putative	-0,5228	0,0000529
TcCLB.508939.60	hypothetical protein	-0,5229	0,0008393
TcCLB.510161.20	hypothetical protein, conserved	-0,5231	4,004E-11
TcCLB.510625.225	hypothetical protein, conserved (pseudogene)	-0,5232	0,05578

TcCLB.507801.130	heat shock protein DnaJ (pseudogene), putative	-0,5236	4,324E-13
TcCLB.510667.40	DNA repair protein RAD2, putative	-0,5236	7,057E-07
TcCLB.510901.110	hypothetical protein, conserved	-0,5236	0,0002736
TcCLB.510031.70	heat shock protein Hsp20, putative	-0,5237	0,0001259
TcCLB.508221.329	mucin-associated surface protein (MASP, pseudogene), pu	-0,5238	0,3785
TcCLB.509897.95	hypothetical protein, conserved (pseudogene)	-0,5239	0,00002696
TcCLB.503453.60	GTP-ase activating protein, putative	-0,5239	0,00008751
TcCLB.509879.30	hypothetical protein, conserved	-0,5242	0,00000575
TcCLB.506931.30	hypothetical protein, conserved	-0,5244	0,002791
TcCLB.506681.60	hypothetical protein, conserved	-0,5246	3,354E-08
TcCLB.507831.40	hypothetical protein, conserved	-0,5246	8,858E-06
TcCLB.511555.40	CPSF 30 kDa subunit, putative (CPSF30)	-0,5248	6,956E-07
TcCLB.510657.170	cytochrome P450 reductase, putative	-0,5248	0,000438
TcCLB.505171.70	ATP-dependent DEAD/H RNA helicase, putative	-0,5249	3,162E-09
TcCLB.506945.105	zinc-binding protein (Yippee), putative	-0,5249	0,0001599
TcCLB.411383.10	surface protease GP63 (pseudogene), putative	-0,5249	0,2803
TcCLB.509233.70	Spastin, putative	-0,525	1,971E-09
TcCLB.510171.10	trans-sialidase, putative (fragment)	-0,5252	0,0001199
TcCLB.511173.250	mucin-associated surface protein (MASP, pseudogene), pu	-0,5253	0,01766
TcCLB.508665.30	hypothetical protein, conserved	-0,5257	9,81E-08
TcCLB.508547.100	hypothetical protein, conserved	-0,5257	3,415E-06
TcCLB.511025.100	chaperone DNAJ protein, putative	-0,5261	5,943E-08
TcCLB.510885.90	hypothetical protein, conserved	-0,5263	0,001014
TcCLB.426761.10	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,5266	0,1825
TcCLB.503559.90	hypothetical protein, conserved	-0,5267	6,476E-07
TcCLB.510787.10	trans-sialidase, Group I, putative	-0,527	0,0000663
TcCLB.506525.70	hypothetical protein, conserved	-0,5274	1,014E-09
TcCLB.510655.140	hypothetical protein, conserved	-0,5274	0,00001996
TcCLB.511179.160	ubiquitin-protein ligase, putative	-0,5275	0,0004896
TcCLB.508423.20	hypothetical protein, conserved (pseudogene)	-0,5276	4,499E-10
TcCLB.509099.20	hypothetical protein, conserved	-0,5276	1,875E-08
TcCLB.506517.14	protein kinase, putative	-0,5276	0,01103
TcCLB.510533.230	palmitoyl acyltransferase 11, putative	-0,528	0,00001669
TcCLB.507809.100	hypothetical protein, conserved	-0,5282	1,035E-12
TcCLB.510491.70	hypothetical protein	-0,5282	0,0007742
TcCLB.504213.70	hypothetical protein, conserved	-0,5283	2,042E-07
TcCLB.509991.40	transmembrane protein, conserved (pseudogene)	-0,5287	1,542E-13
TcCLB.507317.60	protein kinase-like protein, putative	-0,5287	0,0003099
TcCLB.506753.220	hypothetical protein, conserved	-0,5288	0,005955
TcCLB.504149.124	conserved protein, unknown function	-0,5289	5,798E-09
TcCLB.507611.210	hypothetical protein	-0,529	0,1729
TcCLB.505193.20	hypothetical protein, conserved	-0,5291	4,832E-06
TcCLB.506577.5	hypothetical protein	-0,5292	5,098E-06
TcCLB.507927.70	hypothetical protein, conserved	-0,5292	0,0001789
TcCLB.507037.89	hypothetical protein, conserved	-0,5293	0,002957

TcCLB.511731.5	cationic amino acid transporter (pseudogene), putative	-0,5293	0,02645
TcCLB.510489.44	mucin TcMUCII (pseudogene), putative	-0,5293	0,09193
TcCLB.506177.150	hypothetical protein, conserved	-0,5295	3,764E-08
TcCLB.509617.60	thioredoxin, putative	-0,5296	0,0001275
TcCLB.506457.149	hypothetical protein, conserved (fragment)	-0,5296	0,0003832
TcCLB.511285.50	hypothetical protein, conserved	-0,5297	8,002E-12
TcCLB.506681.30	hypothetical protein, conserved	-0,5299	0,00008429
TcCLB.506289.80	small GTP-binding protein Rab32, putative	-0,53	2,867E-07
TcCLB.506559.454	GTP-binding protein, putative	-0,53	4,455E-07
TcCLB.509217.60	trans-sialidase (pseudogene), putative	-0,5301	0,04333
TcCLB.407477.60	hypothetical protein, conserved	-0,5302	0,00001233
TcCLB.503841.50	hypothetical protein, conserved	-0,5302	0,0000448
TcCLB.506173.100	mucin-associated surface protein (MASP, pseudogene), pu	-0,5302	0,04488
TcCLB.503761.50	hypothetical protein	-0,5303	0,07941
TcCLB.509975.15	surface protease GP63 (pseudogene), putative	-0,5304	0,1178
TcCLB.507907.20	trans-sialidase, Group II, putative	-0,5308	0,002374
TcCLB.508207.45	hypothetical protein, conserved	-0,5309	1,631E-06
TcCLB.508355.280	hypothetical protein, conserved	-0,5312	3,082E-09
TcCLB.510861.70	hypothetical protein, conserved	-0,5312	2,512E-07
TcCLB.508277.269	hypothetical protein, conserved (pseudogene)	-0,5313	4,693E-06
TcCLB.399373.20	dispersed gene family protein 1 (DGF-1), putative	-0,5316	0,02248
TcCLB.506279.100	hypothetical protein	-0,5317	0,003423
TcCLB.504071.20	hypothetical protein, conserved	-0,5319	4,656E-08
TcCLB.506435.90	hypothetical protein, conserved	-0,5319	1,571E-06
TcCLB.507089.220	hypothetical protein, conserved	-0,532	2,018E-06
TcCLB.506509.40	hypothetical protein, conserved	-0,5322	0,00009773
TcCLB.504153.360	succinyl-coA:3-ketoacid-coenzyme A transferase, mitocho	-0,5327	5,489E-14
TcCLB.509963.60	hypothetical protein, conserved	-0,5329	0,0002839
TcCLB.510289.70	hypothetical protein, conserved	-0,5332	0,00004484
TcCLB.503971.50	hypothetical protein, conserved	-0,5334	0,007129
TcCLB.503457.10	hypothetical protein	-0,5336	0,0003186
TcCLB.511255.640	mucin TcMUCII, putative	-0,5336	0,1044
TcCLB.509999.120	RNA-binding protein, putative	-0,5339	0,0138
TcCLB.511875.123	hypothetical protein, conserved (pseudogene)	-0,5339	0,2313
TcCLB.508355.380	cysteine peptidase, Clan CA, family C19, putative	-0,534	0,002382
TcCLB.508207.130	hypothetical protein, conserved	-0,5342	0,0003775
TcCLB.510175.90	retrotransposon hot spot (RHS) protein, putative	-0,5346	0,0001033
TcCLB.503555.50	hypothetical protein, conserved	-0,5346	0,0004553
TcCLB.507625.186	hypothetical protein, conserved	-0,5348	0,0004506
TcCLB.509979.261	surface protease GP63 (pseudogene), putative	-0,5349	0,01127
TcCLB.503789.20	hypothetical protein, conserved	-0,535	1,934E-09
TcCLB.510267.10	hypothetical protein, conserved	-0,535	7,818E-06
TcCLB.503611.50	hypothetical protein, conserved	-0,535	0,0003467
TcCLB.511215.60	hypothetical protein, conserved	-0,5351	0,000082
TcCLB.508707.194	hypothetical protein, conserved	-0,5353	1,838E-09

TcCLB.510693.310	syntaxin binding protein (pseudogene), putative	-0,5353	0,1126
TcCLB.511727.234	hypothetical protein, conserved	-0,5355	9,123E-07
TcCLB.508221.120	hypothetical protein	-0,5355	0,07648
TcCLB.416605.10	mucin-associated surface protein (MASP), putative	-0,5358	0,08166
TcCLB.504089.30	hypothetical protein, conserved	-0,5359	2,783E-09
TcCLB.508461.284	mitochondrial carrier protein, putative	-0,5359	4,325E-06
TcCLB.508357.40	cysteine peptidase, Clan CA, family C19, putative	-0,5361	0,0002224
TcCLB.511157.9	neurobeachin/beige protein, putative (fragment)	-0,5365	1,664E-08
TcCLB.510495.11	surface protease GP63 (pseudogene), putative	-0,5365	0,02329
TcCLB.507949.10	chaperone DNAJ protein, putative	-0,5367	0,0001284
TcCLB.510351.50	hypothetical protein, conserved	-0,5376	2,283E-08
TcCLB.509615.60	hypothetical protein	-0,5377	0,1844
TcCLB.490165.9	DNA repair protein, putative	-0,5378	0,01535
TcCLB.511239.130	hypothetical protein, conserved	-0,5379	0,0005912
TcCLB.510189.60	trans-sialidase (pseudogene), putative	-0,538	0,03312
TcCLB.503619.10	meiotic recombination protein SPO11, putative	-0,5381	0,0006739
TcCLB.507467.40	choline/carnitine O-acetyltransferase (pseudogene), putative	-0,5383	0,002197
TcCLB.504587.40	mucin TcMUCII, putative	-0,5383	0,06748
TcCLB.509993.5	hypothetical protein, conserved (pseudogene)	-0,5386	0,0003053
TcCLB.504131.120	hypothetical protein, conserved	-0,5387	9,59E-07
TcCLB.511753.90	hypothetical protein, conserved	-0,5387	0,00006234
TcCLB.508959.10	hypothetical protein, conserved	-0,5388	0,005231
TcCLB.505931.20	surface protease GP63, putative	-0,539	0,007183
TcCLB.508211.10	oxysterol-binding protein, putative	-0,5391	0,00002249
TcCLB.506767.280	retrotransposon hot spot protein (RHS, pseudogene), putative	-0,5391	0,1882
TcCLB.503571.19	hypothetical protein, conserved	-0,5393	3,546E-08
TcCLB.506471.40	beta galactofuranosyl glycosyltransferase, putative	-0,5394	0,02044
TcCLB.507483.80	hypothetical protein, conserved	-0,5397	2,493E-06
TcCLB.507011.140	DNA-repair protein, putative	-0,5399	3,02E-08
TcCLB.506837.10	mucin TcMUCI, putative	-0,5399	0,0002384
TcCLB.510225.40	hypothetical protein, conserved	-0,5403	1,342E-08
TcCLB.506253.21	hypothetical protein, conserved	-0,5403	0,1461
TcCLB.506625.130	hypothetical protein, conserved	-0,5406	0,004629
TcCLB.506297.110	ATPase, putative	-0,541	6,191E-13
TcCLB.506113.90	retrotransposon hot spot protein (RHS, pseudogene), putative	-0,541	2,104E-07
TcCLB.507837.80	TBC1 domain family member 20/GTPase, putative	-0,5413	0,00008337
TcCLB.509429.124	hypothetical protein, conserved	-0,5413	0,001047
TcCLB.508895.60	RNA-binding protein, putative	-0,5414	2,718E-07
TcCLB.507041.85	hypothetical protein, conserved (pseudogene)	-0,5414	0,0002034
TcCLB.511621.20	hypothetical protein, conserved	-0,5416	2,519E-06
TcCLB.506619.30	Flagellar Member 8 (FLAM8)	-0,5418	0,1499
TcCLB.510823.100	hypothetical protein, conserved	-0,542	1,096E-07
TcCLB.508777.80	hypothetical protein, conserved	-0,542	4,197E-07
TcCLB.511603.160	mucin-associated surface protein (MASP), putative	-0,5423	0,06508
TcCLB.508979.40	hypothetical protein	-0,5424	0,2315

TcCLB.505999.150	wd40 repeat domain-containing protein	-0,5427	9,413E-07
TcCLB.507681.220	pre-mRNA splicing factor ATP-dependent RNA helicase, p	-0,543	1,388E-10
TcCLB.508835.30	trans-sialidase (pseudogene), putative	-0,5431	0,001075
TcCLB.511421.160	hypothetical protein, conserved	-0,5435	0,00006973
TcCLB.506955.161	elongation factor 1-gamma (EF-1-gamma, pseudogene),	-0,5436	0,0542
TcCLB.509683.50	calmodulin, putative	-0,5437	0,0003302
TcCLB.508181.4	AGC/RSK family serine/threonine kinase, putative (fragm	-0,544	0,03587
TcCLB.508779.20	hypothetical protein, conserved	-0,5442	2,536E-08
TcCLB.509543.10	hypothetical protein	-0,5443	0,01942
TcCLB.508859.70	hypothetical protein, conserved	-0,5445	6,872E-06
TcCLB.509007.60	rac serine-threonine kinase, putative	-0,5448	1,268E-07
TcCLB.508815.40	hypothetical protein, conserved	-0,545	0,00005094
TcCLB.508277.340	Eukaryotic translation initiation factor 4 gamma type 2, pi	-0,5453	4,129E-12
TcCLB.511847.20	hypothetical protein, conserved	-0,5454	1,884E-07
TcCLB.511371.5	trans-sialidase (pseudogene), putative	-0,5455	0,001859
TcCLB.506955.79	surface protease GP63 (pseudogene), putative	-0,5456	0,1407
TcCLB.511389.70	hypothetical protein, conserved	-0,5457	2,933E-08
TcCLB.506247.430	hypothetical protein, conserved	-0,5458	6,022E-07
TcCLB.509399.170	elongation factor 1-gamma (EF-1-gamma), putative	-0,5459	2,588E-06
TcCLB.507775.30	hypothetical protein, conserved	-0,5459	0,00001348
TcCLB.510725.60	hypothetical protein, conserved	-0,5462	0,0009931
TcCLB.509249.20	trans-sialidase (pseudogene), putative	-0,5462	0,00152
TcCLB.508153.200	kinesin, putative	-0,5464	8,298E-08
TcCLB.511071.70	ubiquitin-conjugating enzyme E2, putative	-0,5464	2,993E-07
TcCLB.506015.40	mucin TcMUC1, putative	-0,5465	0,05123
TcCLB.511237.70	hypothetical protein, conserved	-0,5467	0,00000894
TcCLB.508765.50	mucin TcMUC1 (pseudogene), putative	-0,5467	0,00264
TcCLB.420293.20	trans-sialidase, Group II, putative	-0,5467	0,007266
TcCLB.507771.110	hypothetical protein, conserved	-0,5472	0,00000117
TcCLB.510753.30	hypothetical protein, conserved	-0,5472	6,191E-06
TcCLB.508667.9	hypothetical protein, conserved	-0,5472	0,01227
TcCLB.511603.130	hypothetical protein, conserved	-0,5472	0,209
TcCLB.506729.40	hypothetical protein, conserved	-0,5476	6,889E-07
TcCLB.511229.39	hypothetical protein, conserved	-0,548	0,0006515
TcCLB.510885.140	hypothetical protein	-0,5482	4,955E-06
TcCLB.507809.14	protein kinase, putative	-0,5482	6,856E-06
TcCLB.504669.50	mucin TcMUC1, putative	-0,5482	0,0225
TcCLB.511727.30	hypothetical protein, conserved	-0,5486	9,889E-10
TcCLB.507649.5	hypothetical protein, conserved	-0,5486	0,0323
TcCLB.504013.20	hypothetical protein	-0,5487	0,00006131
TcCLB.507765.90	hypothetical protein, conserved	-0,5489	1,566E-08
TcCLB.507073.30	hypothetical protein, conserved	-0,549	2,454E-12
TcCLB.506355.70	hypothetical protein, conserved	-0,5493	6,28E-11
TcCLB.507277.30	hypothetical protein, conserved	-0,5495	2,293E-06
TcCLB.508707.290	hypothetical protein	-0,5495	0,0001196

TcCLB.505943.95	trans-sialidase (pseudogene), putative	-0,5496	0,00009662
TcCLB.506435.470	hypothetical protein, conserved	-0,5496	0,001014
TcCLB.503887.70	phosphoglycerate mutase, putative (iPGAM)	-0,5497	0,0007742
TcCLB.506413.40	hypothetical protein, conserved	-0,5498	0,0002847
TcCLB.507993.280	hypothetical protein, conserved	-0,5499	2,883E-11
TcCLB.509267.90	ATP-dependent RNA helicase, putative	-0,5507	0,00002377
TcCLB.508665.40	hypothetical protein, conserved	-0,5507	0,000732
TcCLB.508167.10	mucin-associated surface protein (MASP, pseudogene), pu	-0,5509	0,01287
TcCLB.510359.450	hypothetical protein	-0,5509	0,1234
TcCLB.508799.100	hypothetical protein, conserved	-0,551	5,971E-07
TcCLB.506265.160	hypothetical protein, conserved	-0,5512	0,0001764
TcCLB.509881.9	dispersed gene family protein 1 (DGF-1), putative (fragme	-0,5512	0,3228
TcCLB.511079.25	mucin-associated surface protein (MASP, pseudogene), pu	-0,5513	0,1018
TcCLB.506445.20	Eukaryotic translation initiation factor 4 gamma type 2, pu	-0,5517	9,193E-10
TcCLB.508879.130	telomerase component (pseudogene), putative	-0,5526	5,014E-18
TcCLB.510283.150	hypothetical protein, conserved	-0,5526	0,00133
TcCLB.507949.190	trans-sialidase (pseudogene), putative	-0,5528	0,00005027
TcCLB.506315.30	protein phosphatase 1 catalitic subunit, putative	-0,5529	2,586E-07
TcCLB.506941.70	hypothetical protein, conserved	-0,5531	9,385E-10
TcCLB.509039.49	hypothetical protein, conserved	-0,5533	0,00258
TcCLB.507071.89	mucin TcMUCII (pseudogene), putative	-0,5534	0,09269
TcCLB.504021.130	hypothetical protein, conserved	-0,5537	0,00002796
TcCLB.510897.3	A/G-specific adenine glycosylase (pseudogene), putative	-0,5538	0,03376
TcCLB.510483.270	hypothetical protein	-0,5538	0,1206
TcCLB.508933.20	dihydrolipoamide dehydrogenase, putative	-0,554	9,549E-06
TcCLB.509419.140	mucin-associated surface protein (MASP), putative	-0,554	0,03231
TcCLB.508465.60	hypothetical protein, conserved	-0,5543	4,259E-08
TcCLB.506289.20	hypothetical protein, conserved	-0,5544	9,268E-07
TcCLB.509429.70	hypothetical protein	-0,5545	8,338E-09
TcCLB.506955.50	trans-sialidase (pseudogene), putative	-0,5545	0,003484
TcCLB.506519.120	hypothetical protein, conserved	-0,5546	7,262E-07
TcCLB.508521.90	trans-sialidase (pseudogene), putative	-0,5547	0,0003289
TcCLB.507077.30	hypothetical protein, conserved	-0,5547	0,0008629
TcCLB.504085.40	hypothetical protein, conserved	-0,5549	2,037E-06
TcCLB.506811.40	hypothetical protein, conserved	-0,5551	2,288E-08
TcCLB.507019.10	protein kinase, putative	-0,5553	3,506E-07
TcCLB.506445.121	heat shock protein DNAJ, putative (fragment)	-0,5557	0,001778
TcCLB.509571.30	hypothetical protein, conserved	-0,5556	9,798E-11
TcCLB.506949.30	hypothetical protein, conserved	-0,5561	0,02356
TcCLB.510513.40	hypothetical protein, conserved	-0,5564	9,348E-06
TcCLB.510713.120	surface protease GP63, putative	-0,5564	0,1775
TcCLB.503489.20	hypothetical protein, conserved	-0,5565	9,313E-06
TcCLB.508431.80	trans-sialidase (pseudogene), putative	-0,5565	0,01422
TcCLB.503735.49	hypothetical protein, conserved	-0,5567	0,0003489
TcCLB.508233.30	mucin TcSMUGS, putative	-0,5569	0,00006028

TcCLB.503973.300	surface protease GP63 (pseudogene), putative	-0,557	0,1148
TcCLB.510275.150	hypothetical protein, conserved (pseudogene)	-0,5571	0,01768
TcCLB.511559.34	hypothetical protein, conserved	-0,5572	0,0002287
TcCLB.507823.39	hypothetical protein, conserved	-0,5578	0,0005653
TcCLB.510327.5	surface protease GP63 (pseudogene), putative	-0,5579	0,05318
TcCLB.511407.70	hypothetical protein, conserved	-0,558	3,021E-09
TcCLB.507237.250	mucin-associated surface protein (MASP, pseudogene), pu	-0,558	0,007265
TcCLB.507089.60	hypothetical protein, conserved	-0,5581	4,097E-08
TcCLB.508645.4	hypothetical protein, conserved	-0,5581	0,003983
TcCLB.503633.40	trans-sialidase (pseudogene), putative	-0,5581	0,006661
TcCLB.506583.20	hypothetical protein, conserved	-0,5584	0,0007997
TcCLB.508751.20	trans-sialidase (pseudogene), putative	-0,5586	0,04818
TcCLB.506797.40	hypothetical protein, conserved	-0,5587	0,007974
TcCLB.511257.80	hypothetical protein	-0,5589	0,0006145
TcCLB.508111.10	trans-sialidase (pseudogene), putative	-0,5592	0,007417
TcCLB.511597.25	hypothetical protein	-0,5592	0,1942
TcCLB.507011.20	hypothetical protein, conserved	-0,5594	1,019E-06
TcCLB.508873.240	mucin TcMUCII, putative	-0,5594	0,03845
TcCLB.503973.340	trans-sialidase (pseudogene), putative	-0,5596	0,1069
TcCLB.508175.280	hypothetical protein, conserved	-0,5601	2,02E-10
TcCLB.511817.134	hypothetical protein, conserved	-0,5601	8,15E-08
TcCLB.508879.200	hypothetical protein, conserved	-0,5604	7,881E-06
TcCLB.504085.30	RNA-binding protein, putative	-0,5605	4,903E-07
TcCLB.509785.90	trans-sialidase (pseudogene), putative	-0,5606	0,005554
TcCLB.509801.20	hypothetical protein, conserved	-0,5607	2,17E-07
TcCLB.411427.49	hypothetical protein, conserved (fragment)	-0,5608	0,003339
TcCLB.508461.460	hypothetical protein, conserved	-0,5609	1,901E-07
TcCLB.508707.64	exonuclease, putative	-0,5609	0,0006302
TcCLB.508265.60	hypothetical protein, conserved (pseudogene)	-0,561	3,654E-09
TcCLB.506791.20	hypothetical protein, conserved	-0,561	4,224E-08
TcCLB.508911.30	hypothetical protein, conserved (pseudogene)	-0,561	3,154E-07
TcCLB.510441.41	trans-sialidase (pseudogene), putative	-0,5611	1,811E-06
TcCLB.510073.30	pumilio/PUF RNA binding protein 4, putative (PUF4)	-0,5611	0,301
TcCLB.509767.110	hypothetical protein, conserved	-0,5613	8,84E-07
TcCLB.509267.80	hypothetical protein	-0,5616	0,00001456
TcCLB.507681.189	hypothetical protein, conserved	-0,5617	0,00005709
TcCLB.507793.30	hypothetical protein, conserved	-0,5624	9,225E-06
TcCLB.504137.130	hypothetical protein, conserved	-0,5626	2,438E-08
TcCLB.510275.120	hypothetical protein	-0,5626	0,1623
TcCLB.509461.40	hypothetical protein, conserved	-0,5631	0,00001633
TcCLB.511867.200	hypothetical protein, conserved	-0,5633	2,678E-07
TcCLB.508707.20	As/Sb Reductase, putative (ACR2)	-0,5633	0,0001732
TcCLB.503833.60	hypothetical protein, conserved	-0,5634	0,00000044
TcCLB.507763.30	anion-transporting ATPase-like, putative	-0,5635	2,557E-09
TcCLB.506513.20	hypothetical protein, conserved	-0,5636	0,00008635



TcCLB.509691.10	hypothetical protein, conserved	-0,564	0,001157
TcCLB.504057.65	hypothetical protein, conserved	-0,5641	0,00001051
TcCLB.504179.90	hypothetical protein, conserved	-0,5644	6,941E-08
TcCLB.511717.50	hypothetical protein, conserved	-0,5647	9,538E-07
TcCLB.508781.129	arginine N-methyltransferase, type II, putative	-0,5652	0,0002877
TcCLB.504029.70	hypothetical protein, conserved	-0,5654	0,00002435
TcCLB.509985.10	hypothetical protein, conserved (pseudogene)	-0,5656	4,365E-07
TcCLB.506227.240	hypothetical protein, conserved	-0,5657	1,19E-11
TcCLB.510287.20	dolicholphosphate-mannose synthase, putative	-0,5657	0,00002494
TcCLB.508667.20	hypothetical protein	-0,5657	0,00002689
TcCLB.506755.200	hypothetical protein, conserved	-0,5659	0,00003159
TcCLB.509575.50	Casein kinase II subunit beta, putative	-0,5659	0,00004879
TcCLB.506977.40	hypothetical protein, conserved	-0,5662	2,543E-06
TcCLB.510533.80	hypothetical protein, conserved	-0,5662	0,00004193
TcCLB.506355.35	trans-sialidase (pseudogene), putative	-0,5668	0,00003225
TcCLB.506801.100	hypothetical protein, conserved	-0,5671	5,549E-07
TcCLB.510175.10	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,5672	0,004161
TcCLB.506599.130	mucin TcMUCII (pseudogene), putative	-0,5675	0,01234
TcCLB.504151.30	hypothetical protein, conserved	-0,5676	1,219E-06
TcCLB.507677.50	hypothetical protein, conserved	-0,5677	9,991E-07
TcCLB.503541.30	hypothetical protein, conserved	-0,5677	0,001967
TcCLB.510513.50	hypothetical protein, conserved	-0,5683	5,267E-06
TcCLB.510827.10	hypothetical protein, conserved	-0,5688	0,0003203
TcCLB.510055.160	protein kinase, putative	-0,5688	0,003577
TcCLB.508099.30	hypothetical protein	-0,5689	0,1172
TcCLB.511871.110	hypothetical protein, conserved	-0,5692	6,815E-07
TcCLB.509537.30	hypothetical protein, conserved	-0,5692	1,225E-06
TcCLB.511603.420	syntaxin binding protein (pseudogene), putative	-0,5692	0,1116
TcCLB.511283.30	hypothetical protein, conserved	-0,5695	1,67E-10
TcCLB.511277.120	hypothetical protein, conserved	-0,5695	3,6E-10
TcCLB.510885.120	hypothetical protein, conserved	-0,5695	3,262E-09
TcCLB.508207.140	hypothetical protein, conserved	-0,5697	2,051E-06
TcCLB.510175.140	hypothetical protein, conserved (pseudogene)	-0,5699	0,00003837
TcCLB.510899.40	hypothetical protein, conserved	-0,5699	0,0003944
TcCLB.506945.90	hypothetical protein, conserved	-0,5702	0,004143
TcCLB.507467.70	diacylglycerol acyltransferase, putative	-0,5703	5,623E-09
TcCLB.510565.100	hypothetical protein, conserved	-0,5703	8,035E-06
TcCLB.509217.180	trans-sialidase (pseudogene), putative	-0,5703	0,1822
TcCLB.511159.20	origin recognition complex subunit 1 (ORC1), putative	-0,5705	0,000382
TcCLB.504117.50	hypothetical protein, conserved (pseudogene)	-0,5708	0,04351
TcCLB.511753.20	class I nuclease-like protein, putative	-0,5709	0,00006973
TcCLB.436761.20	hypothetical protein, conserved (fragment)	-0,571	0,07257
TcCLB.510823.10	hypothetical protein, conserved	-0,5711	3,642E-10
TcCLB.510553.11	hypothetical protein, conserved (pseudogene)	-0,5711	0,03257
TcCLB.506885.4	hypothetical protein, conserved (fragment)	-0,5718	1,404E-07

TcCLB.510055.130	hypothetical protein, conserved (pseudogene)	-0,5718	3,671E-07
TcCLB.507483.50	calmodulin (CALA2)	-0,5718	0,0003684
TcCLB.506135.30	hypothetical protein, conserved	-0,5719	0,00000393
TcCLB.510519.50	hypothetical protein, conserved	-0,5719	8,143E-06
TcCLB.508855.10	trans-sialidase, putative	-0,572	0,00005812
TcCLB.503715.40	protein kinase, putative	-0,5721	0,005836
TcCLB.510515.40	hypothetical protein, conserved	-0,5725	0,008835
TcCLB.509485.30	hypothetical protein, conserved (pseudogene)	-0,5728	0,09791
TcCLB.509437.50	AAA ATPase, putative	-0,5729	2,968E-09
TcCLB.508593.44	serine peptidase, Clan SC, Family S9D	-0,5733	1,672E-08
TcCLB.511293.50	kinesin, putative	-0,5733	4,644E-07
TcCLB.503819.20	DNA-directed RNA polymerase III subunit, putative	-0,5733	0,0003299
TcCLB.507447.10	hypothetical protein, conserved	-0,5734	1,349E-06
TcCLB.511859.60	subtilisin peptidase	-0,5735	0,00000135
TcCLB.504769.150	hypothetical protein	-0,5735	0,1746
TcCLB.506491.10	casein kinase I, putative	-0,5736	0,01013
TcCLB.511291.20	hypothetical protein, conserved	-0,5739	3,664E-06
TcCLB.507005.10	hypothetical protein	-0,5741	0,004656
TcCLB.508175.350	zinc finger protein family member, putative (POMP35)	-0,5742	1,694E-08
TcCLB.506479.39	serine/threonine protein phosphatase 2A regulatory subunit	-0,5748	5,85E-07
TcCLB.503653.90	hypothetical protein, conserved	-0,5749	9,697E-07
TcCLB.507237.220	mucin-associated surface protein (MASP), putative	-0,5749	0,1881
TcCLB.510955.4	lipase-like protein, putative	-0,5751	3,096E-08
TcCLB.508707.149	hypothetical protein, conserved	-0,5751	0,00003173
TcCLB.441729.9	hypothetical protein (fragment)	-0,5755	0,006461
TcCLB.510973.9	hypothetical protein, conserved	-0,5757	0,000001
TcCLB.509663.5	dehydrogenase (pseudogene), putative	-0,5759	0,01831
TcCLB.506661.50	hypothetical protein, conserved	-0,576	6,841E-10
TcCLB.503801.60	hypothetical protein	-0,5761	0,0000166
TcCLB.510655.10	hypothetical protein, conserved	-0,5761	0,00002825
TcCLB.511875.110	trans-sialidase (pseudogene), putative	-0,5763	0,001062
TcCLB.506297.320	hypothetical protein	-0,5764	4,376E-08
TcCLB.507775.10	hypothetical protein, conserved	-0,5764	2,999E-06
TcCLB.509897.230	trans-sialidase (pseudogene), putative	-0,5765	0,00002738
TcCLB.508231.130	Cell division control protein 48, putative	-0,5767	0,001661
TcCLB.506407.50	hypothetical protein, conserved	-0,5768	6,28E-07
TcCLB.506495.40	hypothetical protein	-0,577	5,964E-08
TcCLB.506229.30	hypothetical protein	-0,5771	2,179E-07
TcCLB.504151.20	hypothetical protein, conserved	-0,5772	0,00000805
TcCLB.509321.10	hypothetical protein, conserved	-0,5773	8,109E-11
TcCLB.506223.10	hypothetical protein, conserved	-0,5773	0,00003657
TcCLB.503973.190	mucin-associated surface protein (MASP), putative	-0,5773	0,09444
TcCLB.508347.40	hypothetical protein, conserved	-0,5788	1,191E-14
TcCLB.509935.10	hypothetical protein	-0,5788	0,006009
TcCLB.510513.10	mannosyl-oligosaccharide 1,2-alpha-mannosidase IB, putative	-0,5789	5,703E-08

TcCLB.510725.70	hypothetical protein, conserved	-0,579	1,901E-08
TcCLB.509669.170	hypothetical protein, conserved	-0,5793	8,54E-11
TcCLB.507145.60	trans-sialidase, Group V, putative	-0,5793	0,03437
TcCLB.509683.80	adenylosuccinate synthetase, putative	-0,5794	7,246E-06
TcCLB.511501.30	ABC transporter, putative	-0,5794	0,00003282
TcCLB.503839.30	hypothetical protein, conserved	-0,5796	1,333E-10
TcCLB.503683.30	RNA-binding protein, putative	-0,5797	0,0006639
TcCLB.511189.54	hypothetical protein	-0,5798	2,734E-06
TcCLB.510275.160	trans-sialidase (pseudogene), putative	-0,5798	0,02811
TcCLB.509567.30	serine/threonine-protein kinase, putative	-0,5803	1,742E-11
TcCLB.506887.40	hypothetical protein, conserved	-0,5804	4,92E-08
TcCLB.506113.86	N-acetyltransferase complex ARD1 subunit (pseudogene),	-0,5804	0,02229
TcCLB.506945.340	hypothetical protein, conserved	-0,5807	6,172E-10
TcCLB.507053.90	conserved protein, unknown function	-0,5807	9,101E-08
TcCLB.508215.6	hypothetical protein, conserved	-0,5808	4,795E-08
TcCLB.508771.20	cysteine peptidase, Clan CA, family C51, putative	-0,5811	6,245E-09
TcCLB.509925.5	trans-sialidase (pseudogene), putative	-0,5818	0,007262
TcCLB.504777.30	surface protease GP63 (pseudogene), putative	-0,582	0,003621
TcCLB.508913.10	trans-sialidase (pseudogene), putative	-0,5822	6,909E-06
TcCLB.511793.30	mucin-associated surface protein (MASP), putative	-0,5822	0,2841
TcCLB.506815.50	hypothetical protein, conserved	-0,5824	1,243E-07
TcCLB.508227.10	hypothetical protein	-0,5826	0,2688
TcCLB.509911.120	hypothetical protein	-0,5828	5,26E-13
TcCLB.503781.60	tRNA pseudouridine synthase A, putative	-0,5828	5,363E-08
TcCLB.508153.630	mitochondrial carrier protein, putative	-0,5828	0,00005778
TcCLB.418185.70	trans-sialidase, Group II, putative	-0,5832	0,003194
TcCLB.510911.58	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,5832	0,06494
TcCLB.511853.21	mucin-associated surface protein (MASP, pseudogene), pi	-0,5841	0,01149
TcCLB.506133.207	mucin-associated surface protein (MASP, pseudogene), pi	-0,5846	0,08175
TcCLB.504085.10	hypothetical protein, conserved	-0,5847	1,046E-07
TcCLB.506699.9	hypothetical protein, conserved	-0,5847	0,00005781
TcCLB.506757.20	hypothetical protein, conserved	-0,5848	4,813E-06
TcCLB.507055.20	hypothetical protein, conserved (fragment)	-0,5849	0,0001805
TcCLB.511577.104	hypothetical protein, conserved	-0,585	0,0002099
TcCLB.506435.70	hypothetical protein, conserved (pseudogene)	-0,5856	1,274E-12
TcCLB.503867.10	hypothetical protein, conserved	-0,5857	3,975E-06
TcCLB.507085.120	hypothetical protein	-0,586	0,1355
TcCLB.505997.31	ATP-dependent DEAD/H RNA helicase (pseudogene), puta	-0,5862	0,01523
TcCLB.509695.50	katanin, putative	-0,5865	0,003874
TcCLB.504133.30	tyrosine protein kinase, putative	-0,5866	4,776E-11
TcCLB.511627.159	hypothetical protein, conserved (fragment)	-0,5866	0,0001897
TcCLB.510553.20	trans-sialidase (pseudogene), putative	-0,5867	0,01247
TcCLB.510259.12	hypothetical protein, conserved	-0,5869	0,001686
TcCLB.511361.40	actin-related protein 2, putative	-0,587	2,112E-06
TcCLB.503869.20	hypothetical protein, conserved	-0,5874	0,00003639

TcCLB.509569.150	hypothetical protein, conserved	-0,5874	0,0007207
TcCLB.511585.100	hypothetical protein, conserved	-0,5875	0,0002986
TcCLB.511517.160	hypothetical protein, conserved	-0,5877	7,1E-10
TcCLB.509417.9	trans-sialidase, putative	-0,588	0,0000869
TcCLB.420989.10	protein phosphatase 2C, putative	-0,5882	0,007325
TcCLB.511557.20	hypothetical protein, conserved	-0,5883	0,00001072
TcCLB.506659.39	protein phosphatase 2C, putative	-0,5883	0,005614
TcCLB.507035.110	cAMP response protein 1, putative (CARP1)	-0,5884	1,091E-07
TcCLB.507681.259	Flagellar Member 1 (fragment) (FLAM1)	-0,5884	1,653E-06
TcCLB.503755.30	DNA polymerase kappa, putative	-0,5884	0,003531
TcCLB.503583.50	hypothetical protein, conserved	-0,5885	4,268E-06
TcCLB.510403.71	trans-sialidase (pseudogene), putative	-0,5888	6,177E-10
TcCLB.506829.71	hypothetical protein, conserved (pseudogene)	-0,5893	0,001663
TcCLB.509669.14	thioredoxin, putative	-0,5899	0,00002144
TcCLB.504105.160	splicing factor ptsr1 interacting protein, putative	-0,5902	1,491E-10
TcCLB.505807.54	hypothetical protein, conserved	-0,5902	4,023E-06
TcCLB.506957.120	hypothetical protein, conserved	-0,5904	1,671E-13
TcCLB.510101.280	kinesin, putative	-0,5911	6,313E-17
TcCLB.511613.120	mucin TcMUCII, putative	-0,5911	0,1076
TcCLB.511163.30	NGG1 interacting factor 3, putative	-0,5912	0,0001931
TcCLB.511063.61	hypothetical protein, conserved (pseudogene)	-0,5914	0,08566
TcCLB.508543.40	hypothetical protein, conserved	-0,5915	0,0006471
TcCLB.506483.10	Triglyceride lipase, putative	-0,5919	5,295E-06
TcCLB.503721.20	hypothetical protein, conserved	-0,5924	7,092E-07
TcCLB.508385.50	hypothetical protein, conserved	-0,5925	1,065E-06
TcCLB.507669.14	hypothetical protein, conserved	-0,5926	8,633E-09
TcCLB.506673.69	hypothetical protein, conserved	-0,5926	0,0001803
TcCLB.510623.45	surface protease GP63 (pseudogene), putative	-0,5927	0,01924
TcCLB.507757.70	dihydrolipoamide dehydrogenase, putative	-0,5931	0,00004568
TcCLB.510483.234	mucin TcMUC (pseudogene), putative	-0,5931	0,0508
TcCLB.503787.30	hypothetical protein	-0,5932	0,02499
TcCLB.507087.14	hypothetical protein, conserved	-0,5934	0,002375
TcCLB.507029.50	hypothetical protein, conserved	-0,5934	0,008263
TcCLB.510013.180	hypothetical protein	-0,5935	0,1174
TcCLB.510329.200	UDP-GlcNAc:PI a1-6 GlcNAc-transferase, putative	-0,5939	5,825E-13
TcCLB.503887.50	hypothetical protein, conserved	-0,5942	2,091E-07
TcCLB.506475.113	hypothetical protein, conserved	-0,5945	8,609E-08
TcCLB.508647.10	hypothetical protein, conserved	-0,5948	1,691E-08
TcCLB.509823.4	hypothetical protein, conserved	-0,5951	9,872E-06
TcCLB.505987.70	phosphatidylinositol 4-kinase, putative	-0,5952	1,445E-06
TcCLB.510773.70	dynein heavy chain, putative	-0,5953	6,889E-08
TcCLB.506327.50	hypothetical protein, conserved	-0,5956	8,669E-09
TcCLB.506133.120	syntaxin binding protein (pseudogene), putative	-0,5956	0,08545
TcCLB.508799.50	hypothetical protein	-0,5959	2,951E-07
TcCLB.506559.148	hypothetical protein, conserved	-0,5959	3,896E-06

TcCLB.511731.20	hypothetical protein, conserved	-0,5963	1,07E-10
TcCLB.510779.20	hypothetical protein (fragment)	-0,5967	0,001217
TcCLB.507747.240	hypothetical protein, conserved	-0,597	7,932E-10
TcCLB.510361.209	mucin-associated surface protein (MASP, pseudogene), pu	-0,5972	0,05857
TcCLB.507943.50	hypothetical protein, conserved	-0,598	0,00005875
TcCLB.510607.75	hypothetical protein, conserved (pseudogene)	-0,598	0,002689
TcCLB.507089.130	hypothetical protein, conserved	-0,5985	5,212E-08
TcCLB.509799.120	hypothetical protein, conserved	-0,5986	0,00000213
TcCLB.510213.20	hypothetical protein	-0,5986	0,149
TcCLB.508637.19	hypothetical protein, conserved	-0,5987	0,2378
TcCLB.508443.10	hypothetical protein, conserved	-0,5989	0,00000345
TcCLB.507237.60	surface protease GP63 (pseudogene), putative	-0,5989	0,003905
TcCLB.510635.50	zinc-binding phosphatase, putative	-0,599	4,097E-09
TcCLB.511417.40	DNA-directed RNA polymerase III, putative	-0,6	5,465E-09
TcCLB.511545.190	GPI transamidase component Tta1, putative (TTA1)	-0,6001	0,00002669
TcCLB.507831.110	pumilio/PUF RNA binding protein 2, putative (PUF2)	-0,6002	0,2135
TcCLB.508699.30	hypothetical protein, conserved	-0,6004	0,00008015
TcCLB.511585.40	DNA-damage inducible protein DDI1-like protein, putative	-0,6008	1,321E-08
TcCLB.504397.9	surface protease GP63, putative (fragment)	-0,6008	0,009588
TcCLB.511777.10	trans-sialidase, putative (fragment)	-0,6011	0,09336
TcCLB.510663.40	hypothetical protein, conserved	-0,6012	3,833E-09
TcCLB.510421.280	hypothetical protein, conserved	-0,6012	4,516E-09
TcCLB.506567.50	hypothetical protein, conserved	-0,6012	7,622E-07
TcCLB.506241.80	hypothetical protein, conserved	-0,6014	0,00002274
TcCLB.506315.80	hypothetical protein, conserved	-0,6016	1,784E-07
TcCLB.503957.25	trans-sialidase (pseudogene), putative	-0,6017	0,007033
TcCLB.507941.110	hypothetical protein, conserved	-0,602	7,254E-08
TcCLB.507709.10	hypothetical protein, conserved	-0,6021	0,00009461
TcCLB.509161.100	hypothetical protein, conserved	-0,6026	4,297E-08
TcCLB.510593.30	hypothetical protein, conserved	-0,6026	1,277E-07
TcCLB.510031.50	ATP-dependent RNA helicase, putative	-0,6028	1,517E-07
TcCLB.509979.290	trans-sialidase (pseudogene), putative	-0,6028	0,0002746
TcCLB.509521.70	hypothetical protein	-0,6028	0,1585
TcCLB.508775.35	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,6032	0,05118
TcCLB.509217.170	hypothetical protein	-0,6035	0,02969
TcCLB.510187.230	formin, putative	-0,6036	1,877E-09
TcCLB.508873.454	mucin TcMUC (pseudogene), putative	-0,6036	0,103
TcCLB.506811.50	hypothetical protein, conserved	-0,6037	0,03707
TcCLB.506589.100	hypothetical protein	-0,6038	0,09025
TcCLB.506789.249	bilobe protein, conserved	-0,604	3,566E-12
TcCLB.508387.110	hypothetical protein, conserved	-0,6043	2,171E-08
TcCLB.504741.90	hypothetical protein, conserved	-0,6043	0,00005939
TcCLB.511501.40	hypothetical protein, conserved	-0,605	0,00004273
TcCLB.509559.40	trans-sialidase (pseudogene), putative	-0,6053	0,0001437
TcCLB.507681.30	hypothetical protein, conserved	-0,6056	2,227E-11

TcCLB.484949.9	AGC/RSK family serine/threonine kinase, putative (fragm	-0,6056	0,002823
TcCLB.505977.40	inositol/phosphatidylinositol phosphatase (pseudogene), p	-0,606	7,744E-16
TcCLB.508777.60	hypothetical protein, conserved	-0,6063	8,834E-06
TcCLB.509885.50	hypothetical protein, conserved	-0,6064	1,418E-07
TcCLB.507641.200	hypothetical protein, conserved	-0,6065	0,00009337
TcCLB.509053.100	protein kinase, putative	-0,6067	8,794E-10
TcCLB.508831.30	hypothetical protein, conserved	-0,6069	0,00001238
TcCLB.503757.40	Casein kinase II subunit beta, putative	-0,6076	2,766E-07
TcCLB.510463.180	trans-sialidase (pseudogene), putative	-0,608	0,0405
TcCLB.505943.79	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,6087	0,1523
TcCLB.511727.230	Repressor of differentiation kinase 1, putative (RDK1.2)	-0,6089	4,853E-11
TcCLB.509647.60	hypothetical protein, conserved	-0,6092	4,123E-12
TcCLB.507711.140	hypothetical protein, conserved	-0,6093	0,00006541
TcCLB.506339.60	trans-sialidase (pseudogene), putative	-0,6093	0,006226
TcCLB.506537.210	trans-sialidase (pseudogene), putative	-0,6096	0,00001145
TcCLB.509103.4	protein kinase, putative	-0,6106	0,01949
TcCLB.503579.110	pseudouridylate synthase I, putative	-0,6109	1,118E-06
TcCLB.505163.10	hypothetical protein, conserved	-0,6111	0,001755
TcCLB.511921.71	hypothetical protein, conserved (pseudogene)	-0,6112	0,008156
TcCLB.508233.60	heat shock protein 100 (clp protein), putative	-0,6115	0,001122
TcCLB.509151.90	hypothetical protein, conserved	-0,612	1,028E-08
TcCLB.508409.20	hypothetical protein, conserved	-0,6124	2,486E-08
TcCLB.506525.40	syntaxin 5, putative	-0,6126	1,863E-09
TcCLB.506269.50	mucin-associated surface protein (MASP, pseudogene), p	-0,6128	0,02892
TcCLB.510175.110	trans-sialidase (pseudogene), putative	-0,6131	0,0002155
TcCLB.509213.130	autophagocytosis associated protein, putative	-0,6132	1,587E-06
TcCLB.508637.160	dual specificity protein phosphatase, putative	-0,6134	2,588E-06
TcCLB.504155.20	trans-sialidase, Group V, putative	-0,6134	0,004763
TcCLB.508375.5	elongation factor 1-gamma (EF-1-gamma, pseudogene), p	-0,6137	0,001809
TcCLB.509353.10	E1-like ubiquitin-activating enzyme, putative (UBA5)	-0,6141	0,001064
TcCLB.503693.29	hypothetical protein	-0,6142	2,456E-08
TcCLB.509097.10	hypothetical protein	-0,6142	0,2068
TcCLB.506957.140	phosphatidylinositol-4-phosphate 5-kinase-like, putative	-0,6145	1,917E-11
TcCLB.508277.10	condensin subunit 1, putative	-0,615	8,242E-12
TcCLB.508213.9	regulator of chromosome condensation, putative	-0,615	8,581E-12
TcCLB.504035.149	kinesin, putative	-0,615	1,326E-08
TcCLB.509777.60	ADG2, putative	-0,6152	4,372E-08
TcCLB.421621.35	surface protease GP63 (pseudogene), putative	-0,6153	0,1654
TcCLB.508909.80	hypothetical protein	-0,6154	5,927E-06
TcCLB.506763.270	hypothetical protein, conserved (pseudogene)	-0,6155	0,005732
TcCLB.421555.9	mucin-associated surface protein (MASP), putative	-0,6157	0,0003684
TcCLB.509945.10	ERAD-associated E3 ubiquitin-protein ligase HRD1, putati	-0,6158	1,852E-12
TcCLB.504005.10	endonuclease III, putative	-0,6159	0,00001412
TcCLB.510351.80	hypothetical protein, conserved	-0,6159	0,00001765
TcCLB.511215.90	hypothetical protein, conserved	-0,6162	0,01849

TcCLB.503981.60	hypothetical protein, conserved	-0,6165	1,125E-09
TcCLB.511689.10	hypothetical protein	-0,6166	0,00003356
TcCLB.511929.40	trans-sialidase (pseudogene), putative	-0,6168	0,01471
TcCLB.511847.10	calpain-like cysteine peptidase, putative	-0,6173	5,773E-10
TcCLB.504123.40	hypothetical protein, conserved	-0,6174	3,032E-06
TcCLB.508955.10	syntaxin, putative	-0,6174	0,00005261
TcCLB.507047.170	hypothetical protein, conserved	-0,6177	0,001018
TcCLB.508359.70	hypothetical protein	-0,6177	0,05642
TcCLB.506139.140	trans-sialidase (pseudogene), putative	-0,6178	0,02389
TcCLB.511043.10	hypothetical protein, conserved	-0,618	5,329E-15
TcCLB.414243.20	hypothetical protein, conserved	-0,618	5,995E-07
TcCLB.510739.10	hypothetical protein, conserved	-0,6181	0,00000924
TcCLB.508175.250	hypothetical protein, conserved	-0,6182	6,478E-14
TcCLB.504051.9	hypothetical protein, conserved	-0,6183	6,509E-07
TcCLB.511717.174	hypothetical protein, conserved	-0,6186	5,033E-09
TcCLB.510697.55	mucin TcMUCII (pseudogene), putative	-0,6187	0,02961
TcCLB.511281.20	transporter, putative	-0,6188	3,349E-09
TcCLB.509167.80	hypothetical protein, conserved	-0,619	2,483E-11
TcCLB.506945.140	hypothetical protein, conserved (pseudogene)	-0,619	8,745E-09
TcCLB.508717.53	hypothetical protein, conserved	-0,6191	3,333E-12
TcCLB.506579.100	hypothetical protein, conserved	-0,6191	9,379E-08
TcCLB.511543.10	hypothetical protein, conserved	-0,6191	0,00000256
TcCLB.506655.7	phospholipid-transporting ATPase, putative (fragment)	-0,6192	5,837E-06
TcCLB.504249.65	mucin TcMUCII, putative	-0,6192	0,007905
TcCLB.490989.10	trans-sialidase, putative	-0,6195	0,008561
TcCLB.505941.49	hypothetical protein, conserved	-0,6197	6,409E-06
TcCLB.506993.130	mucin-associated surface protein (MASP, pseudogene), pu	-0,6197	0,0002581
TcCLB.506763.210	hypothetical protein	-0,6199	0,02646
TcCLB.511445.110	hypothetical protein, conserved	-0,62	0,00002165
TcCLB.507057.60	hypothetical protein, conserved	-0,62	0,0000368
TcCLB.511245.240	serine/threonine protein kinase, putative	-0,62	0,0004569
TcCLB.507771.114	hypothetical protein, conserved	-0,62	0,0009236
TcCLB.506405.40	hypothetical protein, conserved	-0,6203	1,108E-07
TcCLB.510089.50	hypothetical protein, conserved	-0,6204	3,544E-10
TcCLB.508319.79	hypothetical protein, conserved	-0,6205	0,04869
TcCLB.508559.20	trans-sialidase (pseudogene), putative	-0,6208	3,857E-08
TcCLB.511277.140	serine/threonine protein kinase, putative	-0,6208	1,214E-07
TcCLB.504157.40	DNA replication licensing factor MCM3, putative	-0,6208	6,262E-07
TcCLB.507489.9	dispersed gene family protein 1 (DGF-1), putative (fragme	-0,621	0,1777
TcCLB.404001.10	hypothetical protein, conserved	-0,6213	3,884E-11
TcCLB.479481.5	elongation factor 1-gamma (EF-1-gamma, pseudogene),	-0,6213	0,08008
TcCLB.508433.80	hypothetical protein	-0,6214	0,1503
TcCLB.506269.70	mucin TcMUCII, putative	-0,6215	0,02718
TcCLB.509669.150	hypothetical protein, conserved	-0,6217	3,546E-08
TcCLB.510403.30	trans-sialidase, Group II, putative	-0,6219	0,02676

TcCLB.509907.60	trans-sialidase (pseudogene), putative	-0,622	0,005717
TcCLB.479517.30	hypothetical protein	-0,6222	0,2083
TcCLB.504247.79	transmembrane protein, conserved (fragment)	-0,6223	1,531E-06
TcCLB.509551.120	hypothetical protein	-0,6228	0,0004007
TcCLB.511299.10	Triglyceride lipase, putative (fragment)	-0,623	0,004323
TcCLB.507747.210	hypothetical protein, conserved	-0,6232	5,523E-08
TcCLB.507683.30	hypothetical protein, conserved	-0,6239	2,668E-12
TcCLB.510441.10	hypothetical protein	-0,624	0,006724
TcCLB.504153.100	Tubulin cofactor C domain-containing protein 1, putative (	-0,6241	1,768E-10
TcCLB.508233.70	ATP-dependent protease binding subunit (pseudogene), p	-0,6247	0,0001153
TcCLB.507357.35	hypothetical protein	-0,6247	0,0807
TcCLB.506965.60	elongation factor 1-gamma (EF-1-gamma, pseudogene),	-0,6252	0,1952
TcCLB.506349.83	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,6253	0,0001042
TcCLB.503995.10	Present in the outer mitochondrial membrane proteome 1	-0,6254	0,00001589
TcCLB.509627.10	bilobe protein, conserved	-0,6258	1,155E-14
TcCLB.508987.30	serine/threonine-protein kinase, putative	-0,6258	2,523E-13
TcCLB.503881.30	retrotransposon hot spot (RHS) protein, putative	-0,6258	0,0004042
TcCLB.504109.60	hypothetical protein, conserved	-0,626	2,311E-12
TcCLB.506525.30	hypothetical protein, conserved	-0,6261	1,1E-10
TcCLB.508277.300	hypothetical protein, conserved	-0,6261	3,754E-07
TcCLB.507615.70	deoxyhypusine hydroxylase, putative	-0,6265	0,0000242
TcCLB.506931.60	hypothetical protein	-0,6266	1,432E-06
TcCLB.506155.30	kinesin-like protein, putative	-0,6267	1,29E-09
TcCLB.507307.30	peptidylprolyl isomerase (pseudogene), putative	-0,6268	0,1042
TcCLB.508153.1010	hypothetical protein, conserved	-0,6271	1,687E-10
TcCLB.507677.20	hypothetical protein, conserved	-0,6272	1,007E-06
TcCLB.510465.60	hypothetical protein, conserved (pseudogene)	-0,6273	0,003314
TcCLB.511127.220	cdc2-related kinase 12 (CRK12)	-0,628	3,088E-11
TcCLB.421621.20	syntaxin binding protein (pseudogene), putative	-0,6283	0,01766
TcCLB.507723.120	U1A small nuclear ribonucleoprotein, putative	-0,6284	0,0002699
TcCLB.508601.70	hypothetical protein, conserved	-0,6286	6,22E-07
TcCLB.506993.190	hypothetical protein	-0,6287	0,1334
TcCLB.509161.120	hypothetical protein, conserved	-0,6288	1,68E-09
TcCLB.508953.28	hypothetical protein, conserved	-0,6293	0,00001755
TcCLB.507765.100	hypothetical protein, conserved	-0,6296	3,902E-07
TcCLB.511797.260	mucin-associated surface protein (MASP, pseudogene), pi	-0,6298	0,06508
TcCLB.507241.10	protein phosphatase 2A regulatory subunit, putative	-0,6299	2,358E-11
TcCLB.508989.100	hypothetical protein, conserved	-0,6302	5,947E-08
TcCLB.507787.120	hypothetical protein, conserved	-0,6305	0,00003142
TcCLB.507025.50	RNA-binding protein, putative	-0,6308	0,0007016
TcCLB.511557.40	hypothetical protein, conserved	-0,6309	3,782E-08
TcCLB.506179.40	hypothetical protein, conserved	-0,6309	1,968E-07
TcCLB.504147.170	gamma-tubulin complex subunit, putative	-0,6311	3,913E-16
TcCLB.511529.40	hypothetical protein, conserved	-0,6311	9,621E-08
TcCLB.510475.51	mucin-associated surface protein (MASP, pseudogene), pi	-0,6313	0,1328



TcCLB.510885.130	hypothetical protein, conserved	-0,6318	4,142E-08
TcCLB.504215.30	hypothetical protein, conserved	-0,6319	3,358E-08
TcCLB.509071.10	hypothetical protein, conserved (pseudogene)	-0,6321	0,001306
TcCLB.507941.130	hypothetical protein, conserved	-0,6322	3,97E-07
TcCLB.506779.150	histone H2B variant, putative	-0,6323	1,587E-09
TcCLB.503823.30	hypothetical protein, conserved	-0,6323	3,137E-08
TcCLB.510713.11	hypothetical protein, conserved (pseudogene)	-0,6324	0,003265
TcCLB.510329.90	C-8 sterol isomerase, putative	-0,6326	7,317E-08
TcCLB.503417.33	hypothetical protein	-0,6326	0,1133
TcCLB.509571.40	hypothetical protein, conserved	-0,6328	1,7E-12
TcCLB.507001.140	hypothetical protein, conserved	-0,6328	8,667E-08
TcCLB.510463.211	trans-sialidase (pseudogene), putative	-0,6329	0,03812
TcCLB.507881.110	trans-sialidase (pseudogene), putative	-0,6331	4,082E-08
TcCLB.511127.270	ankyrin repeat protein, putative	-0,6331	8,951E-07
TcCLB.508153.190	kinesin, putative	-0,6335	7,985E-12
TcCLB.507765.140	hypothetical protein, conserved	-0,6339	1,73E-12
TcCLB.511603.141	syntaxin binding protein (pseudogene), putative	-0,6339	0,07771
TcCLB.510885.50	hypothetical protein, conserved	-0,6341	6,454E-06
TcCLB.510659.4	hypothetical protein, conserved	-0,6342	4,719E-06
TcCLB.507547.9	mucin TcMUCL, putative	-0,6346	6,579E-06
TcCLB.511003.130	hypothetical protein, conserved	-0,635	0,00001967
TcCLB.509735.140	trans-sialidase (pseudogene), putative	-0,6352	1,888E-06
TcCLB.508907.10	hypothetical protein, conserved	-0,6352	5,098E-06
TcCLB.508355.230	hypothetical protein	-0,6354	0,0001489
TcCLB.508407.4	hypothetical protein, conserved	-0,6355	0,01167
TcCLB.510885.160	hypothetical protein, conserved	-0,6356	4,603E-16
TcCLB.510293.70	ribonuclease H, putative	-0,6357	0,00006494
TcCLB.508859.10	hypothetical protein, conserved	-0,6359	7,561E-07
TcCLB.511423.160	RWD domain-containing protein	-0,6359	5,908E-06
TcCLB.507895.10	trans-sialidase (pseudogene), putative	-0,636	0,1417
TcCLB.510223.5	guanine nucleotide exchange factor subunit GCD2	-0,6366	0,03896
TcCLB.508707.140	phosphatidate cytidyltransferase-like protein, putative	-0,6371	5,725E-08
TcCLB.509429.190	hypothetical protein, conserved	-0,6375	4,67E-14
TcCLB.508075.14	hypothetical protein, conserved	-0,6379	6,286E-08
TcCLB.511529.150	hypothetical protein, conserved	-0,6382	1,733E-10
TcCLB.508985.10	mucin-associated surface protein (MASP, pseudogene), pu	-0,6382	0,000433
TcCLB.511283.130	MEKK-related kinase 1, putative (MRK1)	-0,6386	3,906E-11
TcCLB.503455.10	chaperone DNAJ protein, putative	-0,6387	4,093E-07
TcCLB.508695.20	phosphatidylinositol 4-kinase, putative	-0,6389	2,827E-10
TcCLB.511637.9	zinc carboxypeptidase, putative	-0,639	2,142E-12
TcCLB.509007.14	hypothetical protein, conserved	-0,6392	1,31E-08
TcCLB.510131.20	hypothetical protein, conserved	-0,6395	0,00007864
TcCLB.505555.61	cytoplasmic l-asparaginase i-like protein, putative	-0,6396	0,0002665
TcCLB.511827.125	trans-sialidase (pseudogene), putative	-0,6397	0,0009959
TcCLB.510593.10	hypothetical protein, conserved	-0,6397	0,001778

TcCLB.507027.59	pre-mRNA cleavage complex II Clp1 protein, putative	-0,6401	2,091E-08
TcCLB.507093.330	hypothetical protein, conserved	-0,6401	0,0000126
TcCLB.511173.190	trans-sialidase (pseudogene), putative	-0,6401	0,01074
TcCLB.511355.50	glycerol uptake protein, putative	-0,6402	4,351E-09
TcCLB.506691.50	hypothetical protein, conserved	-0,6402	1,101E-08
TcCLB.507803.49	histone deacetylase, putative	-0,6402	0,0007141
TcCLB.509795.50	hypothetical protein, conserved	-0,6407	5,849E-14
TcCLB.507939.30	hypothetical protein, conserved	-0,6411	1,555E-08
TcCLB.511281.30	RNA-binding protein 27, putative (RBP27)	-0,6415	3,258E-09
TcCLB.509991.90	RNA-editing nuclease 1 (KREN1)	-0,6416	1,627E-09
TcCLB.511711.110	TLR4 regulator and MIR-interacting MSAP, putative (ESP1	-0,6416	2,392E-08
TcCLB.510889.190	hypothetical protein, conserved	-0,6417	4,094E-09
TcCLB.510115.10	trans-sialidase (pseudogene), putative	-0,6417	0,00002102
TcCLB.503449.40	hypothetical protein, conserved	-0,6422	2,591E-06
TcCLB.504431.40	hypothetical protein, conserved	-0,6423	6,17E-09
TcCLB.511277.560	synaptotagmin, putative	-0,6425	2,583E-07
TcCLB.506211.259	hypothetical protein, conserved	-0,6427	5,056E-06
TcCLB.505063.30	mucin-associated surface protein (MASP, pseudogene), pi	-0,6428	2,417E-07
TcCLB.506955.226	elongation factor 1-gamma (EF-1-gamma, pseudogene),	-0,6428	0,1508
TcCLB.504069.4	hypothetical protein, conserved (fragment)	-0,643	2,246E-07
TcCLB.508221.130	mucin TcMUCII (pseudogene), putative	-0,643	0,05648
TcCLB.504147.310	hypothetical protein, conserved	-0,6431	7,38E-12
TcCLB.510407.70	hypothetical protein	-0,6434	4,212E-10
TcCLB.508221.920	mucin-associated surface protein (MASP, pseudogene), pi	-0,6434	0,0005788
TcCLB.503637.10	hypothetical protein, conserved	-0,6435	1,807E-06
TcCLB.511411.8	hypothetical protein, conserved (fragment)	-0,6435	0,0001759
TcCLB.508293.27	mucin-associated surface protein (MASP, pseudogene), pi	-0,6438	0,08708
TcCLB.504207.29	hypothetical protein, conserved	-0,644	2,578E-07
TcCLB.509999.10	hypothetical protein, conserved	-0,644	3,926E-06
TcCLB.506605.139	hypothetical protein, conserved	-0,644	8,634E-06
TcCLB.506131.50	hypothetical protein	-0,6444	0,2073
TcCLB.506727.110	hypothetical protein, conserved	-0,6445	1,202E-09
TcCLB.511339.30	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, p	-0,6445	0,001287
TcCLB.510131.50	DNA polymerase kappa, putative	-0,6448	1,863E-07
TcCLB.472833.10	hypothetical protein, conserved	-0,6451	0,06201
TcCLB.508601.40	hypothetical protein, conserved	-0,6452	1,456E-06
TcCLB.508231.60	ubiquitin-protein ligase, putative	-0,6454	3,237E-21
TcCLB.507967.10	hypothetical protein	-0,6454	1,014E-09
TcCLB.510105.140	hypothetical protein, conserved (pseudogene)	-0,6459	4,724E-09
TcCLB.504787.40	trans-sialidase, Group V, putative	-0,6459	0,03724
TcCLB.506725.50	hypothetical protein, conserved	-0,6461	2,563E-08
TcCLB.508989.20	carrier protein, putative	-0,6461	4,778E-08
TcCLB.504093.4	hypothetical protein, conserved	-0,6461	0,00007783
TcCLB.511837.138	RNA-binding protein, putative	-0,6466	3,214E-13
TcCLB.508979.90	hypothetical protein	-0,6466	2,575E-06

TcCLB.511015.30	Trichohyalin, putative (fragment)	-0,6469	2,397E-13
TcCLB.508613.20	hypothetical protein, conserved	-0,6469	1,913E-07
TcCLB.510125.10	pumilio/PUF RNA binding protein 6, putative (PUF6)	-0,6472	4,557E-10
TcCLB.504625.20	hypothetical protein, conserved	-0,6472	5,624E-08
TcCLB.506251.50	Cell division control protein 48, putative	-0,6472	2,324E-06
TcCLB.511213.30	surface protease GP63 (pseudogene), putative	-0,6472	0,0002627
TcCLB.503797.10	hypothetical protein, conserved	-0,6475	0,00008113
TcCLB.506559.524	protein phosphatase 2C, putative	-0,6476	2,882E-08
TcCLB.511383.10	hypothetical protein, conserved	-0,6476	0,0001473
TcCLB.508871.51	serine-alanine-and proline-rich protein (pseudogene), putative	-0,6478	0,0004585
TcCLB.508533.20	hypothetical protein, conserved	-0,6479	2,348E-08
TcCLB.510993.19	hypothetical protein	-0,648	0,0004359
TcCLB.506363.140	hypothetical protein, conserved	-0,6481	3,661E-06
TcCLB.507077.60	surface protease GP63, putative	-0,6482	5,831E-07
TcCLB.503395.59	hypothetical protein, conserved (fragment)	-0,6482	0,002288
TcCLB.507389.20	hypothetical protein, conserved	-0,6485	0,00004623
TcCLB.510187.404	dolichyl-P-Man:GDP-Man5GlcNAc2-PP-dolichyl alpha-1,3-glucosyltransferase, putative	-0,6486	3,696E-08
TcCLB.508777.10	hypothetical protein, conserved	-0,6488	1,047E-11
TcCLB.506755.130	hypothetical protein, conserved	-0,649	0,0000511
TcCLB.511167.110	hypothetical protein, conserved	-0,6493	6,366E-10
TcCLB.427743.9	translation initiation factor eIF2B delta subunit, putative (fragment)	-0,6494	0,0001759
TcCLB.508777.20	hypothetical protein, conserved	-0,6496	8,034E-06
TcCLB.510955.60	hypothetical protein, conserved	-0,6497	3,335E-09
TcCLB.506447.19	hypothetical protein, conserved	-0,6497	6,161E-09
TcCLB.508933.50	hypothetical protein, conserved	-0,6499	1,238E-07
TcCLB.509965.260	protein kinase, putative	-0,6501	4,929E-11
TcCLB.511727.260	cyclin 9, putative (CYC9)	-0,6506	6,934E-06
TcCLB.510823.80	cytoplasmic l-asparaginase i-like protein, putative	-0,6509	4,722E-06
TcCLB.508887.5	trans-sialidase, putative	-0,651	0,1488
TcCLB.504069.140	trans-sialidase (pseudogene), putative	-0,6511	0,00001239
TcCLB.506289.240	hypothetical protein	-0,6511	0,03441
TcCLB.507547.50	hypothetical protein, conserved	-0,6512	2,203E-10
TcCLB.503417.40	hypothetical protein	-0,6512	0,08241
TcCLB.510731.30	hypothetical protein, conserved	-0,6514	3,773E-11
TcCLB.511801.20	hypothetical protein, conserved	-0,6515	6,081E-08
TcCLB.503829.70	hypothetical protein, conserved	-0,6516	2,353E-12
TcCLB.508731.9	hypothetical protein, conserved (fragment)	-0,6516	6,758E-09
TcCLB.508061.130	trans-sialidase (pseudogene), putative	-0,6519	1,047E-12
TcCLB.449247.4	serine/threonine protein phosphatase, putative (fragment)	-0,6522	1,217E-08
TcCLB.511151.39	hypothetical protein, conserved	-0,6523	7,411E-08
TcCLB.506955.130	trans-sialidase (pseudogene), putative	-0,6525	0,00216
TcCLB.506751.148	mucin TcMUCII (pseudogene), putative	-0,6528	0,1158
TcCLB.508315.5	mucin TcMUCII, putative (fragment)	-0,6529	0,1012
TcCLB.511537.24	hypothetical protein, conserved	-0,6532	1,145E-09
TcCLB.506673.20	hypothetical protein, conserved	-0,6535	0,0002367

TcCLB.510057.20	hypothetical protein, conserved	-0,6538	0,000197
TcCLB.509399.160	CCR4-NOT transcription complex subunit 2, putative	-0,6541	2,412E-11
TcCLB.510407.80	hypothetical protein, conserved	-0,6542	9,865E-14
TcCLB.510021.185	hypothetical protein	-0,6545	0,05106
TcCLB.398345.10	hypothetical protein, conserved	-0,655	8,284E-10
TcCLB.506813.190	trans-sialidase, Group VI, putative	-0,6553	0,002303
TcCLB.506617.70	variant-surface-glycoprotein phospholipase C (GPI-PLC)	-0,6554	7,329E-06
TcCLB.510443.30	hypothetical protein, conserved	-0,6558	1,78E-10
TcCLB.511655.60	hypothetical protein, conserved	-0,656	0,0001028
TcCLB.511867.30	hypothetical protein, conserved	-0,6563	1,196E-06
TcCLB.511127.250	hypothetical protein, conserved	-0,6564	8,156E-08
TcCLB.503471.19	expression site-associated gene (ESAG-like) protein, putative	-0,6567	0,00001092
TcCLB.510889.300	hypothetical protein	-0,657	1,181E-06
TcCLB.510679.60	lipase, putative	-0,657	0,0008823
TcCLB.511839.10	mucin TcMUCII, putative	-0,6573	0,0295
TcCLB.510377.475	hypothetical protein, conserved (pseudogene)	-0,6573	0,1969
TcCLB.510431.310	hypothetical protein, conserved	-0,6574	0,0008291
TcCLB.511521.27	hypothetical protein, conserved	-0,6575	8,921E-07
TcCLB.509437.106	trans-sialidase (pseudogene), putative	-0,6578	0,03034
TcCLB.482369.20	hypothetical protein, conserved	-0,6581	9,317E-16
TcCLB.511409.40	hypothetical protein, conserved	-0,6584	9,728E-11
TcCLB.510385.5	hypothetical protein, conserved (pseudogene)	-0,6588	0,00111
TcCLB.508863.20	hypothetical protein, conserved	-0,6593	0,00000136
TcCLB.508257.130	hypothetical protein, conserved	-0,6594	5,303E-08
TcCLB.510969.10	hypothetical protein, conserved	-0,6596	8,43E-08
TcCLB.511383.30	U1 small nuclear ribonucleoprotein, putative	-0,6598	2,363E-07
TcCLB.511409.70	hypothetical protein, conserved	-0,66	1,008E-09
TcCLB.509699.210	mucin-associated surface protein (MASP), putative	-0,66	0,004214
TcCLB.482369.10	protein phosphatase 2A regulatory subunit, putative	-0,6601	1,548E-12
TcCLB.508387.150	hypothetical protein	-0,6605	1,339E-08
TcCLB.503999.20	Kinesin-13 5, putative (KIN13-5)	-0,6607	1,225E-14
TcCLB.506829.50	hypothetical protein, conserved	-0,6613	1,999E-08
TcCLB.510609.110	ATP-dependent RNA helicase, putative	-0,6613	8,733E-08
TcCLB.507949.140	ribosomal RNA-processing protein 8, putative (RRP8)	-0,6623	1,558E-10
TcCLB.511625.140	mucin-associated surface protein (MASP, pseudogene), putative	-0,6623	0,00001785
TcCLB.509791.150	choline/ethanolamine phosphotransferase, putative (CEPT)	-0,6626	3,233E-13
TcCLB.511127.210	hypothetical protein, conserved	-0,6628	0,00001767
TcCLB.509733.180	adenylate kinase, putative	-0,6628	0,00007076
TcCLB.510431.140	dual-specificity protein kinase, putative	-0,6631	6,625E-15
TcCLB.510955.50	hypothetical protein, conserved	-0,6631	0,00002797
TcCLB.509779.60	dual-specificity protein phosphatase, putative	-0,6636	0,05555
TcCLB.510667.14	membrane transporter protein, putative	-0,6638	6,485E-10
TcCLB.510955.30	hypothetical protein, conserved	-0,6639	5,492E-11
TcCLB.510889.150	hypothetical protein, conserved	-0,664	0,00002046
TcCLB.507669.139	hypothetical protein, conserved	-0,6641	6,278E-07

TcCLB.511331.10	calpain cysteine peptidase, putative (fragment)	-0,6642	0,03996
TcCLB.508313.60	hypothetical protein	-0,6642	0,2102
TcCLB.511435.40	hypothetical protein, conserved	-0,6644	3,438E-13
TcCLB.509647.160	SKP1-like protein	-0,6644	2,523E-08
TcCLB.504103.10	hypothetical protein, conserved	-0,6645	9,998E-06
TcCLB.510147.9	hypothetical protein, conserved	-0,6645	0,0001244
TcCLB.511127.280	hypothetical protein, conserved	-0,6657	0,00000305
TcCLB.506525.140	MEKK-related kinase 1, putative (MRK1)	-0,666	9,627E-14
TcCLB.509755.80	mucin-associated surface protein (MASP, pseudogene), pi	-0,6663	0,1252
TcCLB.503967.4	hypothetical protein, conserved	-0,6664	0,001429
TcCLB.511727.210	Repressor of differentiation kinase 1, putative (RDK1.1)	-0,6666	1,31E-16
TcCLB.503827.80	syntaxin binding protein (pseudogene), putative	-0,6671	0,004052
TcCLB.503829.30	hypothetical protein, conserved	-0,6675	1,709E-06
TcCLB.511127.390	hypothetical protein, conserved	-0,6676	1,259E-21
TcCLB.507883.25	hypothetical protein, conserved	-0,6676	0,006894
TcCLB.507757.50	serine/threonine-protein phosphatase PP1, putative	-0,6679	3,002E-13
TcCLB.511307.20	Peptidase C19, ubiquitin carboxyl-terminal hydrolase, puta	-0,6679	2,26E-09
TcCLB.511153.80	hypothetical protein	-0,6679	5,991E-07
TcCLB.477983.10	calpain cysteine peptidase, putative	-0,668	0,07708
TcCLB.506871.30	ADP-ribosylation factor GTPase activating protein 1, putat	-0,6681	3,442E-09
TcCLB.508061.10	hypothetical protein	-0,6683	1,356E-07
TcCLB.506341.40	hypothetical protein	-0,6684	0,02885
TcCLB.508777.170	hypothetical protein, conserved	-0,6689	5,516E-09
TcCLB.506977.10	dual specificity protein phosphatase, putative	-0,6689	1,694E-06
TcCLB.508893.40	hypothetical protein, conserved (fragment)	-0,6689	0,006198
TcCLB.508215.9	protein kinase C substrate protein, heavy chain, putative	-0,6693	1,173E-13
TcCLB.503579.30	DNA polymerase sigma-like protein, putative	-0,6694	2,235E-09
TcCLB.508507.20	hypothetical protein, conserved	-0,6698	1,521E-10
TcCLB.508221.870	trans-sialidase, Group V, putative	-0,6699	0,001749
TcCLB.509319.100	hypothetical protein, conserved	-0,67	1,305E-09
TcCLB.511313.10	hypothetical protein, conserved	-0,6705	0,00005443
TcCLB.509735.60	trans-sialidase (pseudogene), putative	-0,6708	0,00004728
TcCLB.511575.70	kinetoplastid kinetochore protein 4, putative	-0,6709	7,412E-10
TcCLB.511099.160	mucin TcMUCII, putative	-0,6714	0,02459
TcCLB.504151.39	hypothetical protein, conserved	-0,6716	3,205E-11
TcCLB.510747.60	cytochrome P450 reductase, putative	-0,6716	8,489E-08
TcCLB.508221.320	mucin-associated surface protein (MASP, pseudogene), pi	-0,6719	0,04645
TcCLB.511557.29	hypothetical protein	-0,6724	5,697E-08
TcCLB.508865.4	protein phosphatase 2C, putative	-0,6725	5,149E-11
TcCLB.506343.41	trans-sialidase (pseudogene), putative	-0,6727	0,003978
TcCLB.511083.35	mucin TcMUCII (pseudogene), putative	-0,6734	0,01892
TcCLB.511277.30	hypothetical protein, conserved (pseudogene)	-0,6741	3,107E-14
TcCLB.503791.40	dihydrouridine synthase, putative	-0,6742	0,0000138
TcCLB.510303.40	hypothetical protein	-0,6746	3,847E-09
TcCLB.510763.60	hypothetical protein, conserved	-0,6749	1,552E-06

TcCLB.510279.220	mucin TcMUC (pseudogene), putative	-0,6755	0,06804
TcCLB.508277.360	ubiquitin hydrolase, putative	-0,6758	1,247E-15
TcCLB.506681.70	serine-threonine dehydratase, putative	-0,676	1,259E-06
TcCLB.507611.190	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,6761	0,001712
TcCLB.506401.24	hypothetical protein, conserved	-0,6765	5,313E-11
TcCLB.507357.140	hypothetical protein	-0,6766	0,06001
TcCLB.508247.19	syntaxin binding protein 1 (pseudogene), putative	-0,6767	0,02349
TcCLB.510953.49	lipase-like protein, putative	-0,677	4,688E-07
TcCLB.509165.10	trans-sialidase (pseudogene), putative	-0,6771	1,793E-07
TcCLB.511389.10	hypothetical protein, conserved	-0,6773	3,19E-07
TcCLB.509545.25	elongation factor 1-gamma (EF-1-gamma, pseudogene),	-0,6774	0,1961
TcCLB.506565.29	hypothetical protein, conserved	-0,6775	0,00000338
TcCLB.506425.80	phosphatidylinositol kinase, putative	-0,6776	8,825E-10
TcCLB.511401.24	hypothetical protein, conserved (pseudogene)	-0,6777	4,657E-06
TcCLB.506791.60	hypothetical protein, conserved	-0,6778	1,095E-13
TcCLB.510657.130	hypothetical protein, conserved	-0,6778	6,334E-08
TcCLB.507517.130	RNA editing 3' terminal uridylyl transferase 2, putative (R	-0,6782	7,492E-07
TcCLB.506917.27	hypothetical protein, conserved (pseudogene)	-0,6784	0,0003739
TcCLB.504249.100	trans-sialidase (pseudogene), putative	-0,6787	0,00008737
TcCLB.506247.260	mitochondrial carrier protein, putative	-0,6789	0,00003442
TcCLB.506811.200	hypothetical protein, conserved	-0,679	1,244E-07
TcCLB.509157.210	hypothetical protein, conserved	-0,679	0,00007388
TcCLB.511611.11	hypothetical protein	-0,679	0,004093
TcCLB.509561.100	hypothetical protein, conserved	-0,6794	2,685E-13
TcCLB.506435.180	hypothetical protein, conserved	-0,6795	2,183E-06
TcCLB.506279.220	mucin-associated surface protein (MASP, pseudogene), pi	-0,6797	0,0003305
TcCLB.511291.50	hypothetical protein, conserved	-0,68	0,00001825
TcCLB.508405.20	TBC1 domain family member 20/GTPase, putative	-0,6803	1,807E-06
TcCLB.506297.170	hypothetical protein, conserved	-0,6804	9,161E-06
TcCLB.507765.130	hypothetical protein, conserved	-0,6805	8,678E-25
TcCLB.509589.30	Kinesin-13 5, putative (KIN13-5)	-0,6805	1,134E-16
TcCLB.508777.90	ATP-dependent DNA helicase, putative	-0,6805	3,539E-09
TcCLB.511717.60	hypothetical protein, conserved	-0,6809	3,092E-08
TcCLB.506681.20	hypothetical protein, conserved	-0,6811	2,549E-17
TcCLB.508235.30	mucin TcMUCI, putative	-0,6812	1,144E-06
TcCLB.506155.130	hypothetical protein, conserved	-0,6813	0,002649
TcCLB.507209.40	cdc2-related kinase 9 (CRK9)	-0,6814	7,793E-17
TcCLB.506367.50	hypothetical protein, conserved	-0,6815	0,00001086
TcCLB.508261.140	elongation factor 1-gamma (EF-1-gamma), putative	-0,6815	0,06744
TcCLB.503561.10	hypothetical protein, conserved	-0,6818	2,752E-06
TcCLB.410199.40	hypothetical protein	-0,682	0,00508
TcCLB.510889.100	hypothetical protein, conserved	-0,6821	3,244E-10
TcCLB.511603.356	syntaxin binding protein (pseudogene), putative	-0,6824	0,0745
TcCLB.510237.60	mucin TcMUCII, putative	-0,6827	0,01765
TcCLB.509595.60	hypothetical protein, conserved	-0,6828	3,668E-08

TcCLB.506443.30	hypothetical protein, conserved	-0,6831	2,252E-11
TcCLB.506211.107	hypothetical protein, conserved	-0,6833	0,00006238
TcCLB.509641.20	hypothetical protein, conserved	-0,6837	5,287E-06
TcCLB.504131.130	hypothetical protein, conserved	-0,6838	1,217E-11
TcCLB.511127.160	integral membrane transport protein, putative	-0,6839	0,0207
TcCLB.506287.170	hypothetical protein, conserved	-0,684	1,6E-15
TcCLB.506951.10	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,684	0,004513
TcCLB.511039.3	choline/ethanolamine phosphotransferase, putative (CEP1	-0,6841	0,001978
TcCLB.410199.4	kinase, putative (fragment)	-0,6843	0,00001326
TcCLB.506753.50	hypothetical protein, conserved	-0,6846	6,116E-10
TcCLB.508521.70	mucin-associated surface protein (MASP, pseudogene), pu	-0,685	0,0003992
TcCLB.506413.60	hypothetical protein, conserved	-0,6858	0,0005418
TcCLB.511107.30	hypothetical protein, conserved	-0,686	1,665E-13
TcCLB.506247.330	2,3-bisphosphoglycerate-independent phosphoglycerate n	-0,686	1,351E-08
TcCLB.510979.30	mucin TcMUCII (pseudogene), putative	-0,6863	0,0007057
TcCLB.446067.9	hypothetical protein, conserved (fragment)	-0,6864	1,599E-09
TcCLB.508795.10	SNF2/RAD54 related DNA helicase (pseudogene), putative	-0,6865	1,014E-06
TcCLB.508873.130	hypothetical protein	-0,6865	0,07273
TcCLB.505171.109	Present in the outer mitochondrial membrane proteome 1	-0,6867	0,003365
TcCLB.508593.50	hypothetical protein, conserved	-0,6869	5,872E-13
TcCLB.412419.10	mucin-associated surface protein (MASP, pseudogene), pu	-0,6874	0,01622
TcCLB.507805.9	histone deacetylase 4, putative	-0,6876	0,000329
TcCLB.509553.40	ribonuclease mar1, putative	-0,6878	8,231E-07
TcCLB.507723.41	trans-sialidase (pseudogene), putative	-0,6878	0,0009522
TcCLB.506195.260	hypothetical protein	-0,6891	4,18E-11
TcCLB.507427.10	trans-sialidase, Group I, putative	-0,6892	4,096E-09
TcCLB.509973.80	hypothetical protein	-0,6892	0,0007617
TcCLB.508307.20	hypothetical protein, conserved	-0,6893	4,817E-09
TcCLB.507895.100	hypothetical protein, conserved (pseudogene)	-0,6896	1,762E-08
TcCLB.508291.71	hypothetical protein	-0,6896	0,001697
TcCLB.506835.60	calmodulin, putative	-0,6904	0,0002805
TcCLB.507641.180	endochitinase, putative	-0,6907	6,675E-06
TcCLB.511367.180	hypothetical protein	-0,691	1,68E-16
TcCLB.507633.90	hypothetical protein	-0,691	0,01962
TcCLB.511127.180	hypothetical protein, conserved	-0,6911	3,167E-13
TcCLB.506231.40	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,6911	6,346E-07
TcCLB.507765.50	hypothetical protein, conserved	-0,6912	2,633E-10
TcCLB.507609.70	hypothetical protein, conserved	-0,6912	0,0004161
TcCLB.511765.10	trans-sialidase (pseudogene), putative	-0,6912	0,004824
TcCLB.509647.190	hypothetical protein, conserved	-0,6916	1,246E-13
TcCLB.508817.30	hypothetical protein	-0,6917	2,685E-10
TcCLB.508771.50	hypothetical protein, conserved	-0,692	1,493E-11
TcCLB.509065.40	hypothetical protein, conserved	-0,6928	2,555E-09
TcCLB.505363.15	elongation factor 1-gamma (EF-1-gamma, pseudogene),	-0,6929	0,003055
TcCLB.510725.80	hypothetical protein	-0,6934	4,261E-09

TcCLB.506475.40	MORN repeat-containing protein	-0,6938	1,135E-16
TcCLB.504125.70	hypothetical protein, conserved	-0,6941	2,898E-07
TcCLB.506393.189	retrotransposon hot spot (RHS) protein, putative (fragmer	-0,6943	0,0001986
TcCLB.511523.80	hypothetical protein, conserved	-0,6944	2,819E-12
TcCLB.509649.59	hypothetical protein, conserved	-0,6947	5,831E-11
TcCLB.508005.20	trans-sialidase (pseudogene), putative	-0,6948	0,05871
TcCLB.510557.40	hypothetical protein	-0,6951	0,00003238
TcCLB.507757.21	hypothetical protein, conserved	-0,6954	0,00006553
TcCLB.506625.35	trans-sialidase (pseudogene), putative	-0,6954	0,01144
TcCLB.508731.60	adenylosuccinate synthetase, putative	-0,6956	7,259E-10
TcCLB.510693.260	trans-sialidase (pseudogene), putative	-0,6956	0,01329
TcCLB.506737.107	mucin-associated surface protein (MASP, pseudogene), pi	-0,696	2,482E-06
TcCLB.507087.70	hypothetical protein, conserved	-0,6969	2,542E-14
TcCLB.511183.381	syntaxin binding protein 1, (pseudogene), putative	-0,6975	0,006781
TcCLB.506721.10	hypothetical protein, conserved (fragment)	-0,6981	0,0004397
TcCLB.506885.30	hypothetical protein, conserved	-0,6987	2,813E-08
TcCLB.509453.20	hypothetical protein, conserved	-0,6988	0,0001048
TcCLB.510769.202	trans-sialidase (pseudogene), putative	-0,6991	0,01585
TcCLB.510239.40	mucin-associated surface protein (MASP, pseudogene), pi	-0,6993	0,002382
TcCLB.507065.89	mucin TcMUC (pseudogene), putative	-0,6993	0,007863
TcCLB.503559.80	hypothetical protein	-0,6994	5,706E-11
TcCLB.509773.9	protein kinase, putative	-0,6997	1,115E-07
TcCLB.509577.9	hypothetical protein, conserved (fragment)	-0,7	2,475E-07
TcCLB.511467.30	hypothetical protein, conserved	-0,7002	1,644E-07
TcCLB.420369.20	trans-sialidase (pseudogene), putative	-0,7002	0,0001026
TcCLB.506227.130	calpain-like cysteine peptidase, putative	-0,7011	1,413E-15
TcCLB.507615.120	hypothetical protein, conserved	-0,7015	1,311E-07
TcCLB.505983.40	hypothetical protein, conserved	-0,7019	5,498E-22
TcCLB.509835.10	hypothetical protein, conserved	-0,7019	0,009291
TcCLB.504109.50	hypothetical protein, conserved	-0,7021	6,431E-10
TcCLB.508365.171	elongation factor 1-gamma (EF-1-gamma, pseudogene),	-0,7022	0,03202
TcCLB.511653.60	hypothetical protein, conserved	-0,7025	7,26E-08
TcCLB.509753.90	trans-sialidase (pseudogene), putative	-0,7025	4,284E-06
TcCLB.510143.110	hypothetical protein, conserved	-0,7026	8,833E-11
TcCLB.506605.190	hypothetical protein, conserved	-0,7027	2,343E-10
TcCLB.511159.14	hypothetical protein, conserved	-0,7028	1,777E-14
TcCLB.506755.210	hypothetical protein, conserved	-0,7032	6,588E-08
TcCLB.506725.60	hypothetical protein, conserved	-0,7032	0,00001789
TcCLB.506781.10	mucin TcMUCII, putative	-0,7034	0,04234
TcCLB.510689.80	hypothetical protein, conserved	-0,7035	3,482E-07
TcCLB.511607.60	trans-sialidase (pseudogene), putative	-0,7037	0,00001719
TcCLB.504011.30	surface protease GP63 (pseudogene), putative	-0,7039	0,01591
TcCLB.511277.200	RNA-binding protein, putative	-0,7039	0,1203
TcCLB.506757.70	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,704	0,01
TcCLB.511337.30	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, p	-0,7043	0,005929



TcCLB.507485.45	hypothetical protein, conserved	-0,7049	0,00002586
TcCLB.506605.70	hypothetical protein, conserved	-0,7051	2,418E-14
TcCLB.509693.40	hypothetical protein, conserved	-0,7055	4,718E-06
TcCLB.506297.180	beta-adaptin 1, putative	-0,7056	7,102E-16
TcCLB.508739.11	trans-sialidase (pseudogene), putative	-0,7056	0,0004577
TcCLB.511861.14	trans-sialidase (pseudogene), putative	-0,7058	1,065E-06
TcCLB.508247.30	hypothetical protein, conserved	-0,706	0,05942
TcCLB.507025.60	RNA-binding protein, putative	-0,7073	0,01735
TcCLB.508543.180	hypothetical protein, conserved	-0,7075	5,828E-14
TcCLB.506475.30	hypothetical protein, conserved	-0,7078	1,136E-15
TcCLB.511159.7	neurobeachin/beige protein, putative	-0,7082	1,987E-11
TcCLB.510269.73	hypothetical protein, conserved (pseudogene)	-0,7082	0,00006033
TcCLB.506757.100	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,7084	0,00008885
TcCLB.504247.40	RNA-editing nuclease 1 (KREN1)	-0,7085	1,712E-09
TcCLB.506629.160	hypothetical protein, conserved	-0,7086	0,00001092
TcCLB.510359.680	mucin-associated surface protein (MASP, pseudogene), pi	-0,7091	0,03872
TcCLB.508277.100	cAMP specific phosphodiesterase, putative	-0,7095	9,194E-07
TcCLB.503775.41	hypothetical protein, conserved (pseudogene)	-0,7108	0,01862
TcCLB.507061.10	hypothetical protein	-0,7112	2,803E-06
TcCLB.503677.4	hypothetical protein, conserved	-0,7113	0,0328
TcCLB.508677.30	trans-sialidase (pseudogene), putative	-0,7117	6,864E-06
TcCLB.510231.10	eukaryotic translation initiation factor 2-alpha kinase, puti	-0,7118	9,94E-08
TcCLB.508247.100	hypothetical protein (pseudogene)	-0,7118	0,002825
TcCLB.506959.100	GTP-ase activating protein, putative	-0,7123	8,148E-10
TcCLB.506057.40	trans-sialidase (pseudogene), putative	-0,7131	6,775E-08
TcCLB.506135.80	hypothetical protein, conserved	-0,7142	4,441E-06
TcCLB.510359.580	mucin TcMUCII, putative	-0,7146	0,07002
TcCLB.511337.20	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, p	-0,7147	0,02211
TcCLB.511779.10	trans-sialidase, putative	-0,7152	0,08697
TcCLB.510025.250	trans-sialidase (pseudogene), putative	-0,7153	0,00007647
TcCLB.506667.140	hypothetical protein	-0,7153	0,04239
TcCLB.506265.190	hypothetical protein, conserved	-0,7155	1,122E-10
TcCLB.508289.94	hypothetical protein, conserved (pseudogene)	-0,7156	0,08369
TcCLB.507949.150	conserved protein, unknown function	-0,7159	2,962E-15
TcCLB.511417.50	hypothetical protein	-0,7168	2,032E-06
TcCLB.503809.68	glycerol uptake protein (pseudogene), putative	-0,717	0,001055
TcCLB.507547.18	mucin TcMUCI, putative	-0,7172	0,05399
TcCLB.508209.50	hypothetical protein, conserved	-0,7173	4,413E-06
TcCLB.506825.160	hypothetical protein, conserved	-0,7175	1,15E-07
TcCLB.509451.50	hypothetical protein, conserved	-0,7181	1,049E-15
TcCLB.506267.39	mucin-associated surface protein (MASP, pseudogene), pi	-0,7181	0,0000199
TcCLB.505999.140	Metal-binding domain-containing protein	-0,7183	6,815E-11
TcCLB.510197.10	trans-sialidase (pseudogene), putative	-0,7185	9,218E-10
TcCLB.503635.20	hypothetical protein, conserved	-0,7192	1,862E-11
TcCLB.504153.150	Unc104-like kinesin, putative	-0,7193	4,207E-18

TcCLB.504199.30	kinesin-like protein, putative	-0,7193	2,34E-12
TcCLB.511027.20	hypothetical protein, conserved	-0,7193	4,853E-11
TcCLB.507765.10	hypothetical protein, conserved	-0,7193	0,00004
TcCLB.508175.260	inorganic polyphosphate/ATP-NAD kinase, putative	-0,7196	1,38E-17
TcCLB.506755.170	hypothetical protein, conserved	-0,7201	1,729E-16
TcCLB.510013.59	trans-sialidase (pseudogene), putative	-0,721	0,03349
TcCLB.506297.70	hypothetical protein, conserved	-0,7211	6,051E-18
TcCLB.506107.10	hypothetical protein, conserved	-0,7211	1,401E-12
TcCLB.509631.45	hypothetical protein, conserved (pseudogene)	-0,7211	0,0009227
TcCLB.508707.30	hypothetical protein, conserved	-0,7212	2,726E-18
TcCLB.511797.215	hypothetical protein, conserved (pseudogene)	-0,7212	0,0003042
TcCLB.503643.20	cyclic nucleotide-binding domain containing protein, putat	-0,7213	1,745E-14
TcCLB.508633.10	trans-sialidase (pseudogene), putative	-0,7214	0,01246
TcCLB.506407.90	hypothetical protein, conserved	-0,7216	4,631E-25
TcCLB.511257.30	ras-related protein rab, putative	-0,7218	8,242E-08
TcCLB.503693.20	hypothetical protein, conserved	-0,7219	6,243E-07
TcCLB.508205.30	protein kinase, putative	-0,722	2,48E-14
TcCLB.504213.90	inositol polyphosphate kinase-like protein, putative	-0,7221	0,006615
TcCLB.508175.170	hypothetical protein, conserved	-0,7222	1,924E-15
TcCLB.504105.140	enolase	-0,7226	5,102E-12
TcCLB.511755.10	hypothetical protein, conserved	-0,7227	1,316E-06
TcCLB.425839.10	kinesin, putative	-0,7232	2,989E-06
TcCLB.508799.180	hypothetical protein, conserved	-0,7233	5,767E-16
TcCLB.504105.87	hypothetical protein, conserved	-0,7236	9,58E-08
TcCLB.508175.200	hypothetical protein, conserved	-0,7239	4,588E-08
TcCLB.508427.30	surface protease GP63 (pseudogene), putative	-0,7239	0,01127
TcCLB.507357.10	surface protease GP63, putative	-0,7245	0,01417
TcCLB.510889.320	hypothetical protein, conserved	-0,7249	2,28E-15
TcCLB.506831.20	amino acid permease, putative	-0,7251	6,78E-07
TcCLB.504839.70	hypothetical protein, conserved	-0,7255	9,941E-20
TcCLB.507023.124	hypothetical protein, conserved	-0,7258	0,0001012
TcCLB.509753.220	mucin TcMUCII, putative	-0,7262	0,0414
TcCLB.509767.140	hypothetical protein	-0,7263	2,679E-12
TcCLB.510149.40	hypothetical protein, conserved	-0,7265	9,757E-11
TcCLB.511795.10	hypothetical protein, conserved (pseudogene)	-0,7268	0,003563
TcCLB.503759.30	trans-sialidase, putative	-0,7268	0,01429
TcCLB.507649.40	hypothetical protein, conserved	-0,727	1,431E-08
TcCLB.507665.10	hypothetical protein, conserved	-0,7275	2,192E-09
TcCLB.503997.10	hypothetical protein, conserved	-0,7277	1,714E-07
TcCLB.508989.60	hypothetical protein, conserved	-0,7277	0,00003566
TcCLB.508957.30	hypothetical protein, conserved	-0,7278	5,222E-17
TcCLB.509509.40	hypothetical protein, conserved	-0,7279	0,00006449
TcCLB.504197.15	surface protease GP63 (pseudogene), putative	-0,7279	0,01524
TcCLB.510149.9	hypothetical protein, conserved (fragment)	-0,7282	7,186E-09
TcCLB.508523.80	cAMP response protein 1 (CARP1)	-0,7286	6,139E-10

TcCLB.503833.20	hypothetical protein, conserved	-0,7292	2,434E-16
TcCLB.504787.70	mucin-associated surface protein (MASP), putative	-0,7292	0,0006739
TcCLB.503693.11	hypothetical protein, conserved (fragment)	-0,7296	0,0003777
TcCLB.508221.860	mucin-associated surface protein (MASP, pseudogene), pu	-0,7297	0,006889
TcCLB.506247.380	hypothetical protein, conserved	-0,7299	8,203E-11
TcCLB.506737.135	hypothetical protein, conserved (pseudogene)	-0,7301	1,664E-09
TcCLB.511167.70	DNA repair and recombination helicase protein PIF2, puta	-0,7302	3,833E-06
TcCLB.511173.40	mucin TcMUCII (pseudogene), putative	-0,7303	0,02416
TcCLB.510187.300	hypothetical protein, conserved	-0,7308	4,441E-11
TcCLB.506959.80	hypothetical protein, conserved	-0,7313	8,927E-10
TcCLB.505025.147	hypothetical protein	-0,7321	0,001769
TcCLB.510747.110	hypothetical protein, conserved	-0,7326	2,211E-08
TcCLB.508039.50	dispersed gene family protein 1 (DGF-1, pseudogene), put	-0,7326	0,00002069
TcCLB.509121.10	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,7326	0,0003972
TcCLB.511153.50	haloacid dehalogenase hydrolase, putative	-0,7332	6,19E-10
TcCLB.509527.154	mucin-associated surface protein (MASP, pseudogene), pu	-0,7335	0,003385
TcCLB.511189.20	hypothetical protein, conserved	-0,7337	4,019E-11
TcCLB.506825.40	hypothetical protein, conserved	-0,7338	1,859E-06
TcCLB.508221.400	trans-sialidase, Group V, putative	-0,7344	0,01786
TcCLB.511031.20	hypothetical protein, conserved	-0,7353	1,573E-10
TcCLB.511131.89	hypothetical protein, conserved	-0,7353	0,00000168
TcCLB.511865.30	hypothetical protein, conserved	-0,7355	4,724E-08
TcCLB.508153.364	hypothetical protein, conserved	-0,7355	4,672E-07
TcCLB.507771.40	phosphoglycerate mutase, putative (iPGAM)	-0,7357	3,329E-09
TcCLB.511415.21	trans-sialidase (pseudogene), putative	-0,7358	0,000331
TcCLB.507939.40	hypothetical protein, conserved	-0,7359	2,321E-07
TcCLB.510361.260	mucin-associated surface protein (MASP), putative	-0,7365	0,03582
TcCLB.506699.6	hypothetical protein, conserved	-0,7367	0,00005802
TcCLB.511771.40	trans-sialidase (pseudogene), putative	-0,737	0,04652
TcCLB.506329.59	mucin-associated surface protein (MASP, pseudogene), pu	-0,7376	0,0007716
TcCLB.511217.170	hypothetical protein, conserved	-0,7379	7,793E-10
TcCLB.510891.40	trans-sialidase (pseudogene), putative	-0,7379	4,857E-09
TcCLB.509251.30	trans-sialidase (pseudogene), putative	-0,7379	0,00004243
TcCLB.508307.10	hypothetical protein, conserved	-0,738	0,004164
TcCLB.511483.60	hypothetical protein, conserved	-0,7382	0,00126
TcCLB.510327.20	surface protease GP63 (pseudogene), putative	-0,7385	0,000532
TcCLB.506635.100	ATP dependent DEAD-box helicase, putative (RH)	-0,7389	4,418E-12
TcCLB.510323.120	kinesin, putative	-0,7397	2,012E-10
TcCLB.507443.53	hypothetical protein	-0,7397	0,001639
TcCLB.510419.30	hypothetical protein	-0,7398	0,1345
TcCLB.508949.30	hypothetical protein, conserved	-0,74	1,976E-14
TcCLB.511075.54	hypothetical protein, conserved	-0,74	1,866E-09
TcCLB.508207.220	hypothetical protein, conserved	-0,7401	0,00004292
TcCLB.510351.150	phosphoprotein phosphatase, putative	-0,7403	3,487E-07
TcCLB.510297.50	hypothetical protein, conserved	-0,7408	1,451E-12

TcCLB.503685.5	RNA-binding protein, putative (fragment)	-0,741	0,0223
TcCLB.508641.320	formin-like protein	-0,7412	5,261E-17
TcCLB.508837.70	trans-sialidase, Group II, putative	-0,7413	3,923E-10
TcCLB.510359.50	hypothetical protein, conserved	-0,7413	0,00009896
TcCLB.509549.15	mucin TcMUCII (pseudogene), putative	-0,7417	0,02998
TcCLB.506993.20	mucin TcMUCI, putative	-0,7417	0,05827
TcCLB.503947.11	surface protease GP63, putative (fragment)	-0,7418	0,01915
TcCLB.509233.230	hypothetical protein, conserved	-0,7419	3,514E-15
TcCLB.506767.183	mucin-associated surface protein (MASP, pseudogene), pi	-0,7419	0,00008012
TcCLB.511719.41	hypothetical protein, conserved (fragment)	-0,7422	2,731E-10
TcCLB.506717.20	receptor-type adenylate cyclase, putative	-0,7423	3,026E-16
TcCLB.508741.390	hypothetical protein, conserved	-0,7423	2,611E-15
TcCLB.505073.14	hypothetical protein, conserved	-0,7426	2,657E-07
TcCLB.506973.61	hypothetical protein, conserved (pseudogene)	-0,7429	0,0001388
TcCLB.508347.60	hypothetical protein, conserved	-0,7432	1,897E-07
TcCLB.508735.10	trans-sialidase (pseudogene), putative	-0,7434	6,834E-09
TcCLB.506329.35	hypothetical protein, conserved (pseudogene)	-0,7438	0,1156
TcCLB.510409.10	protein kinase, putative	-0,7443	0,0004511
TcCLB.506319.50	hypothetical protein, conserved	-0,7445	1,392E-13
TcCLB.509819.10	hypothetical protein, conserved	-0,7445	2,272E-12
TcCLB.511167.50	hypothetical protein, conserved	-0,7446	1,152E-12
TcCLB.511911.71	hypothetical protein, conserved	-0,7446	0,01911
TcCLB.506469.50	hypothetical protein, conserved	-0,7451	5,359E-06
TcCLB.450155.9	hypothetical protein, conserved	-0,746	1,238E-07
TcCLB.510653.19	hypothetical protein, conserved (fragment)	-0,7463	4,068E-11
TcCLB.504427.10	trypanothione synthetase, putative	-0,7465	5,595E-07
TcCLB.511189.10	hypothetical protein, conserved (pseudogene)	-0,7467	7,294E-07
TcCLB.503925.119	protein kinase, putative	-0,7469	4,132E-09
TcCLB.509399.90	hypothetical protein	-0,7469	2,898E-08
TcCLB.511735.88	hypothetical protein, conserved (fragment)	-0,747	0,0003792
TcCLB.504157.60	hypothetical protein, conserved	-0,7472	3,36E-08
TcCLB.506297.200	inositol-1,4,5-trisphosphate (IP3) 5-phosphatase, putative	-0,7474	9,237E-17
TcCLB.511127.350	hypothetical protein, conserved	-0,7474	1,987E-14
TcCLB.511733.30	hypothetical protein, conserved	-0,748	1,564E-08
TcCLB.509755.10	trans-sialidase, Group V, putative	-0,748	0,001194
TcCLB.507081.80	hypothetical protein, conserved	-0,7481	1,145E-16
TcCLB.506187.80	trans-sialidase (pseudogene), putative	-0,7481	0,06601
TcCLB.510737.60	hypothetical protein, conserved	-0,7487	2,464E-11
TcCLB.506457.80	hypothetical protein, conserved	-0,7493	6,542E-13
TcCLB.511375.30	hypothetical protein (fragment)	-0,7494	0,026
TcCLB.504233.10	surface protease GP63, putative	-0,7495	0,00005939
TcCLB.511173.340	mucin TcMUCII (pseudogene), putative	-0,7497	0,0005603
TcCLB.508265.70	hypothetical protein, conserved	-0,7498	0,00000049
TcCLB.508243.81	syntaxin binding protein (pseudogene), putative	-0,7504	0,002537
TcCLB.448329.10	trans-sialidase, putative	-0,7504	0,06469

TcCLB.506321.340	hypothetical protein, conserved	-0,7505	2,592E-10
TcCLB.506203.80	formin-like protein	-0,7508	1,74E-11
TcCLB.507959.224	surface protease GP63 (pseudogene), putative	-0,7508	0,02251
TcCLB.509941.110	condensin subunit 1, putative	-0,7518	1,089E-20
TcCLB.509799.80	hypothetical protein, conserved	-0,7518	5,217E-14
TcCLB.505955.4	mucin TcMUCII, putative (fragment)	-0,7521	0,001936
TcCLB.509065.20	mitogen-activated protein kinase 5, putative	-0,7523	1,521E-06
TcCLB.508409.300	hypothetical protein, conserved	-0,7524	1,976E-09
TcCLB.506241.60	kinesin, putative	-0,7525	1,843E-16
TcCLB.510503.130	mucin TcMUCII, putative	-0,7533	0,04567
TcCLB.511181.110	hypothetical protein, conserved	-0,7546	8,597E-17
TcCLB.507765.40	hypothetical protein, conserved	-0,7551	3,295E-12
TcCLB.509647.170	hypothetical protein, conserved	-0,7552	6,559E-17
TcCLB.506565.12	RNA-binding protein, putative	-0,7552	1,387E-11
TcCLB.507757.10	hypothetical protein	-0,7552	2,519E-09
TcCLB.508799.110	protein kinase, putative	-0,7552	1,354E-07
TcCLB.503897.130	hypothetical protein, conserved	-0,7557	3,557E-10
TcCLB.511527.9	hypothetical protein, conserved	-0,7557	3,512E-08
TcCLB.442495.10	cyclic nucleotide-binding domain containing protein, putat	-0,7566	2,899E-09
TcCLB.504057.160	hypothetical protein, conserved	-0,757	1,963E-09
TcCLB.504087.10	hypothetical protein, conserved	-0,757	0,0005807
TcCLB.507011.180	hypothetical protein, conserved	-0,7571	2,04E-14
TcCLB.508585.20	hypothetical protein, conserved	-0,7572	1,473E-09
TcCLB.511401.95	hypothetical protein (pseudogene)	-0,7575	0,00003332
TcCLB.511099.220	mucin-associated surface protein (MASP), putative	-0,7576	0,03665
TcCLB.503755.10	DNA polymerase kappa, putative	-0,7577	1,409E-14
TcCLB.508175.300	hypothetical protein, conserved	-0,7577	5,727E-12
TcCLB.508081.40	hypothetical protein	-0,7578	0,07385
TcCLB.508251.31	mucin-associated surface protein (MASP, pseudogene), pi	-0,7579	0,0005247
TcCLB.503865.80	phosphatidylinositol 4-kinase, putative	-0,7584	5,13E-10
TcCLB.511737.50	hypothetical protein, conserved	-0,7585	3,146E-09
TcCLB.511127.360	hypothetical protein, conserved	-0,7591	1,726E-10
TcCLB.509569.10	hypothetical protein, conserved	-0,7591	3,259E-08
TcCLB.508523.35	hypothetical protein, conserved (pseudogene)	-0,7592	3,394E-12
TcCLB.511043.45	trans-sialidase (pseudogene), putative	-0,7593	1,536E-11
TcCLB.508737.130	hypothetical protein, conserved	-0,7594	1,177E-08
TcCLB.506801.50	surface protease GP63 (pseudogene), putative	-0,7595	1,25E-07
TcCLB.506753.100	hypothetical protein, conserved	-0,7604	2,181E-06
TcCLB.508211.50	hypothetical protein, conserved	-0,7611	6,813E-08
TcCLB.508301.10	hypothetical protein, conserved	-0,7611	7,436E-08
TcCLB.511607.30	mucin TcMUCII, putative	-0,7611	0,05874
TcCLB.508293.160	trans-sialidase (pseudogene), putative	-0,7612	0,1068
TcCLB.511323.10	trans-sialidase, Group I, putative	-0,762	2,503E-11
TcCLB.509863.10	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, p	-0,7624	9,612E-08
TcCLB.511871.170	trans-sialidase (pseudogene), putative	-0,7624	0,00007891

TcCLB.511173.270	mucin-associated surface protein (MASP), putative	-0,7628	8,378E-06
TcCLB.510877.80	phospholipid-transporting ATPase-like protein, putative	-0,7629	8,073E-21
TcCLB.510431.130	hypothetical protein, conserved	-0,7629	5,334E-10
TcCLB.504021.149	hypothetical protein, conserved (fragment)	-0,7629	4,518E-09
TcCLB.511357.5	glycerol uptake protein, putative (fragment)	-0,7632	3,316E-07
TcCLB.507031.179	hypothetical protein, conserved	-0,7636	3,078E-10
TcCLB.504449.14	hypothetical protein, conserved (fragment)	-0,7643	8,726E-25
TcCLB.507091.150	hypothetical protein, conserved (pseudogene)	-0,7643	1,713E-08
TcCLB.504051.30	hypothetical protein, conserved	-0,7651	3,503E-15
TcCLB.503959.40	hypothetical protein	-0,7654	3,152E-12
TcCLB.508127.5	hypothetical protein, conserved	-0,7654	0,00001153
TcCLB.508207.230	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase, pu	-0,7661	1,846E-15
TcCLB.507511.91	mucin TcMUCIII, putative	-0,7666	5,681E-11
TcCLB.511761.20	hypothetical protein, conserved	-0,7667	5,571E-08
TcCLB.507611.70	trans-sialidase (pseudogene), putative	-0,7668	8,854E-06
TcCLB.509105.120	protein kinase, putative	-0,7671	4,589E-11
TcCLB.507143.40	hypothetical protein, conserved	-0,7677	1,427E-21
TcCLB.511527.50	AUT2/APG4/ATG4 cysteine peptidase, putative	-0,7679	4,011E-15
TcCLB.510367.20	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,7679	0,0000235
TcCLB.504113.41	hypothetical protein, conserved (fragment)	-0,7681	0,0001466
TcCLB.510765.10	hypothetical protein, conserved	-0,7682	1,39E-10
TcCLB.503973.57	mucin TcMUCII (pseudogene), putative	-0,7682	0,0107
TcCLB.508411.50	hypothetical protein, conserved	-0,7683	1,969E-16
TcCLB.511127.300	hypothetical protein, conserved	-0,7692	0,007244
TcCLB.506321.60	surface protease GP63 (pseudogene), putative	-0,7695	0,003402
TcCLB.508775.60	hypothetical protein, conserved (pseudogene)	-0,7705	0,0004829
TcCLB.511287.130	hypothetical protein, conserved	-0,771	1,638E-16
TcCLB.507847.20	mucin-associated surface protein (MASP, pseudogene), pu	-0,7711	2,167E-10
TcCLB.506321.330	hypothetical protein, conserved	-0,7716	8,512E-16
TcCLB.509259.10	trans-sialidase (pseudogene), putative	-0,7718	0,0005008
TcCLB.511255.210	mucin TcMUCII, putative	-0,7718	0,1585
TcCLB.507763.10	hypothetical protein, conserved	-0,772	2,594E-10
TcCLB.509345.30	trans-sialidase (pseudogene), putative	-0,7721	5E-11
TcCLB.506467.4	hypothetical protein, conserved	-0,7723	3,975E-07
TcCLB.508175.80	protein kinase, putative	-0,7727	5,144E-22
TcCLB.506137.27	mucin-associated surface protein (MASP, pseudogene), pu	-0,7727	0,003423
TcCLB.506317.10	hypothetical protein, conserved	-0,7733	1,238E-12
TcCLB.511279.40	hypothetical protein, conserved	-0,7741	7,488E-07
TcCLB.511261.120	pumilio/PUF RNA binding protein 2, putative (PUF2)	-0,7741	0,00001937
TcCLB.506401.290	hypothetical protein, conserved	-0,7753	4,095E-06
TcCLB.506873.20	hypothetical protein, conserved	-0,7755	1,821E-10
TcCLB.508777.120	hypothetical protein, conserved	-0,7756	5,299E-11
TcCLB.506287.200	DNA ligase, putative	-0,7758	2,186E-06
TcCLB.508305.30	hypothetical protein	-0,7765	0,09052
TcCLB.504025.19	hypothetical protein, conserved (fragment)	-0,7767	5,16E-07

TcCLB.508495.30	hypothetical protein	-0,7772	0,01085
TcCLB.506789.190	hypothetical protein, conserved	-0,7774	9,439E-14
TcCLB.511127.429	hypothetical protein, conserved	-0,7775	3,035E-08
TcCLB.510297.30	TPR-repeat-containing chaperone protein DNAJ, putative	-0,7778	8,158E-18
TcCLB.504181.40	cdc2-related kinase 1, putative (TzCRK1)	-0,7778	7,273E-12
TcCLB.506131.199	mucin TcMUCII, putative	-0,778	0,03461
TcCLB.507637.45	mucin-associated surface protein (MASP, pseudogene), putative	-0,7782	0,02973
TcCLB.506591.120	receptor-type adenylate cyclase (pseudogene), putative	-0,7786	1,892E-15
TcCLB.506887.50	katanin, putative	-0,7787	1,227E-11
TcCLB.505997.210	DNA-directed RNA polymerase III subunit, putative	-0,779	7,655E-07
TcCLB.503559.70	cystinosin, putative	-0,7793	1,031E-07
TcCLB.507711.240	hypothetical protein, conserved	-0,7797	7,102E-15
TcCLB.481211.20	hypothetical protein	-0,78	1,417E-06
TcCLB.507035.80	trans-sialidase (pseudogene), putative	-0,7802	1,238E-11
TcCLB.508199.70	hypothetical protein	-0,7804	6,471E-15
TcCLB.507787.110	hypothetical protein, conserved	-0,7804	2,795E-08
TcCLB.506775.160	hypothetical protein, conserved	-0,7808	8,246E-15
TcCLB.506559.129	eukaryotic translation initiation factor 2-alpha kinase, putative	-0,781	3,431E-15
TcCLB.508293.44	mucin-associated surface protein (MASP, pseudogene), putative	-0,7812	0,09077
TcCLB.460111.10	trans-sialidase, putative (fragment)	-0,7816	0,08446
TcCLB.511021.40	hypothetical protein, conserved	-0,782	5,528E-13
TcCLB.503697.140	hypothetical protein	-0,782	1,18E-09
TcCLB.507677.4	hypothetical protein, conserved	-0,7821	2,992E-07
TcCLB.508495.150	mucin-associated surface protein (MASP, pseudogene), putative	-0,7822	0,0001747
TcCLB.511431.50	hypothetical protein, conserved	-0,7825	1,378E-15
TcCLB.503957.60	trans-sialidase (pseudogene), putative	-0,7827	1,303E-11
TcCLB.506297.120	hypothetical protein, conserved	-0,7833	1,857E-14
TcCLB.510551.50	trans-sialidase, putative	-0,7836	0,04694
TcCLB.509429.250	ubiquitin hydrolase, putative	-0,7842	1,105E-19
TcCLB.506753.160	hypothetical protein, conserved	-0,7847	1,407E-07
TcCLB.506401.280	hypothetical protein, conserved	-0,7848	5,446E-14
TcCLB.509897.155	trans-sialidase (pseudogene), putative	-0,7849	4,331E-08
TcCLB.508273.80	syntaxin binding protein, putative	-0,7853	0,0002467
TcCLB.503809.158	Triglyceride lipase, putative (fragment)	-0,7856	0,0001669
TcCLB.509819.40	hypothetical protein, conserved	-0,7858	1,193E-17
TcCLB.511169.20	hypothetical protein, conserved	-0,7863	1,026E-11
TcCLB.506579.50	hypothetical protein, conserved	-0,7864	2,077E-16
TcCLB.510555.21	hypothetical protein	-0,7866	0,006698
TcCLB.504115.110	trans-sialidase (pseudogene), putative	-0,7867	1,417E-07
TcCLB.509741.34	hypothetical protein, conserved	-0,7872	2,051E-07
TcCLB.469113.10	trans-sialidase (pseudogene), putative	-0,7878	3,741E-06
TcCLB.506857.120	hypothetical protein, conserved	-0,7881	0,04308
TcCLB.508439.10	hypothetical protein, conserved	-0,7886	1,515E-06
TcCLB.506603.46	hypothetical protein, conserved (pseudogene)	-0,789	0,02618
TcCLB.504153.270	hypothetical protein, conserved	-0,7891	2,018E-21

TcCLB.510201.15	mucin TcMUCII (pseudogene), putative	-0,7895	0,0003067
TcCLB.507471.20	mucin-associated surface protein (MASP, pseudogene), pi	-0,7896	0,0001458
TcCLB.504411.5	hypothetical protein, conserved (fragment)	-0,7899	0,08359
TcCLB.509815.20	trans-sialidase (pseudogene), putative	-0,79	2,914E-11
TcCLB.506269.79	mucin-associated surface protein (MASP, pseudogene), pi	-0,7904	0,0004875
TcCLB.507623.140	endonuclease G, putative	-0,7909	3,651E-09
TcCLB.510481.20	dispersed gene family protein 1 (DGF-1, pseudogene), put	-0,7911	0,01784
TcCLB.511805.20	Trichohyalin, putative	-0,7914	1,279E-07
TcCLB.509429.10	trans-sialidase (pseudogene), putative	-0,7916	6,181E-09
TcCLB.504147.280	trypanothione synthetase-like protein, putative	-0,7917	7,016E-23
TcCLB.506599.315	hypothetical protein, conserved (pseudogene)	-0,7918	0,001014
TcCLB.510289.3	hypothetical protein, conserved	-0,7919	7,269E-06
TcCLB.510489.10	hypothetical protein	-0,7921	0,001491
TcCLB.508165.120	mucin-associated surface protein (MASP), putative	-0,7925	0,0004509
TcCLB.506181.70	hypothetical protein, conserved	-0,7929	2,512E-13
TcCLB.511507.80	ferric reductase transmembrane protein, putative	-0,7932	0,0001308
TcCLB.510819.90	hypothetical protein, conserved	-0,7939	3,926E-10
TcCLB.507521.100	hypothetical protein, conserved	-0,7942	2,332E-09
TcCLB.506331.139	mucin-associated surface protein (MASP, pseudogene), pi	-0,7943	4,964E-07
TcCLB.506409.220	hypothetical protein	-0,7944	1,824E-10
TcCLB.511403.15	mucin TcMUC (pseudogene), putative	-0,795	0,1302
TcCLB.509047.119	hypothetical protein, conserved (fragment)	-0,7951	0,00001733
TcCLB.511211.40	molybdenum cofactor biosynthesis protein, putative	-0,7954	1,038E-14
TcCLB.506717.25	trans-sialidase (pseudogene), putative	-0,7954	4,208E-08
TcCLB.510697.25	surface protease GP63 (pseudogene), putative	-0,7954	0,001106
TcCLB.510885.100	hypothetical protein, conserved	-0,7955	1,984E-12
TcCLB.511255.270	trans-sialidase (pseudogene), putative	-0,7961	0,003214
TcCLB.506865.70	hypothetical protein, conserved	-0,7965	2,009E-15
TcCLB.504787.54	mucin-associated surface protein (MASP, pseudogene), pi	-0,7966	7,586E-06
TcCLB.505843.40	E1-like ubiquitin-activating enzyme, putative (UBA5)	-0,7978	6,929E-21
TcCLB.509647.80	hypothetical protein, conserved	-0,7981	1,624E-13
TcCLB.504091.5	hypothetical protein, conserved (fragment)	-0,7986	0,0166
TcCLB.508595.35	hypothetical protein (pseudogene)	-0,7989	0,003203
TcCLB.506247.120	hypothetical protein, conserved	-0,7996	2,2E-19
TcCLB.508871.170	trans-sialidase, Group V, putative	-0,7996	0,00001157
TcCLB.510269.50	mucin-associated surface protein (MASP), putative	-0,8	0,0000941
TcCLB.508777.140	palmitoyl acyltransferase 5, putative	-0,8002	2,505E-17
TcCLB.509699.35	hypothetical protein, conserved (pseudogene)	-0,8002	0,0001405
TcCLB.504243.10	RNA-binding protein, putative	-0,8005	4,394E-16
TcCLB.469735.9	hypothetical protein, conserved	-0,8005	8,38E-11
TcCLB.506741.135	mucin TcMUCII (pseudogene), putative	-0,8005	0,009502
TcCLB.508299.50	hypothetical protein, conserved	-0,8006	1,579E-29
TcCLB.506469.130	SNARE domain-containing protein, putative	-0,8009	1,576E-10
TcCLB.508527.30	trans-sialidase (pseudogene), putative	-0,801	8,115E-11
TcCLB.509877.50	glycosomal membrane protein, putative	-0,8013	6,977E-10



TcCLB.413893.10	trans-sialidase (pseudogene), putative	-0,8013	0,006146
TcCLB.510643.40	trans-sialidase, Group VIII, putative	-0,802	0,00003602
TcCLB.510833.40	trans-sialidase (pseudogene), putative	-0,8021	0,00003839
TcCLB.506291.20	hypothetical protein	-0,8026	0,04776
TcCLB.508461.150	hypothetical protein, conserved	-0,8028	2,677E-11
TcCLB.508245.50	hypothetical protein	-0,8031	0,00002357
TcCLB.507689.5	hypothetical protein, conserved (fragment)	-0,8033	0,00005056
TcCLB.510371.40	hypothetical protein	-0,8033	0,0125
TcCLB.510755.19	hypothetical protein, conserved	-0,8047	7,152E-12
TcCLB.511183.90	mucin TcMUCII, putative	-0,8051	0,007136
TcCLB.508175.270	hypothetical protein	-0,8057	2,747E-09
TcCLB.511409.30	hypothetical protein, conserved	-0,8058	2,938E-17
TcCLB.509707.25	hypothetical protein, conserved	-0,8058	4,347E-07
TcCLB.510657.200	surface protease GP63, putative	-0,8067	3,902E-09
TcCLB.508827.110	leucine-rich repeat protein (LRRP), putative	-0,807	2,34E-09
TcCLB.509965.40	ubiquitin hydrolase, putative	-0,8071	5,695E-16
TcCLB.511167.20	hypothetical protein, conserved	-0,8078	1,098E-14
TcCLB.508081.60	hypothetical protein	-0,8078	0,004656
TcCLB.413133.10	mucin TcMUCII (pseudogene), putative	-0,8079	0,000514
TcCLB.510303.160	hypothetical protein, conserved	-0,8083	2,287E-17
TcCLB.504069.34	hypothetical protein, conserved	-0,8087	2,251E-06
TcCLB.506667.130	surface protease GP63 (pseudogene), putative	-0,8089	0,02667
TcCLB.511259.230	trans-sialidase (pseudogene), putative	-0,8091	0,001275
TcCLB.510221.20	hypothetical protein, conserved	-0,8092	1,168E-12
TcCLB.511165.10	ATP-dependent DEAD/H RNA helicase, putative	-0,8095	5,55E-12
TcCLB.508175.210	hypothetical protein, conserved	-0,8095	2,632E-06
TcCLB.504099.50	trans-sialidase, Group II, putative	-0,8097	3,949E-08
TcCLB.511233.90	hypothetical protein, conserved	-0,8098	4,387E-06
TcCLB.510055.10	trans-sialidase, putative	-0,8099	2,072E-08
TcCLB.503775.50	mucin TcMUCII (pseudogene), putative	-0,8106	0,00879
TcCLB.511205.10	surface protease GP63 (pseudogene), putative	-0,8108	3,888E-10
TcCLB.503553.10	trans-sialidase (pseudogene), putative	-0,812	0,009475
TcCLB.506883.80	tRNA (guanine-N(7)-)-methyltransferase, putative	-0,8121	4,003E-12
TcCLB.431849.10	hypothetical protein, conserved	-0,8125	0,00002578
TcCLB.508139.155	protein kinase (pseudogene), putative	-0,8131	2,204E-07
TcCLB.510887.30	hypothetical protein, conserved	-0,8139	7,233E-09
TcCLB.506681.50	hypothetical protein, conserved	-0,8142	3,193E-21
TcCLB.506755.100	hypothetical protein, conserved	-0,8142	7,916E-11
TcCLB.511071.90	hypothetical protein	-0,8144	0,00006091
TcCLB.511149.190	mucin-associated surface protein (MASP, pseudogene), pi	-0,8151	0,00003127
TcCLB.508175.20	hypothetical protein, conserved	-0,8154	1,054E-26
TcCLB.509065.170	hypothetical protein, conserved	-0,8154	3,378E-17
TcCLB.506755.180	hypothetical protein, conserved	-0,8155	3,121E-08
TcCLB.507085.110	hypothetical protein	-0,8157	0,0001496
TcCLB.506509.10	hypothetical protein, conserved	-0,8159	4,381E-12

TcCLB.511649.39	hypothetical protein, conserved	-0,816	5,795E-08
TcCLB.505297.50	trans-sialidase (pseudogene), putative	-0,8163	5,505E-19
TcCLB.508593.100	hypothetical protein, conserved	-0,8171	0,0001825
TcCLB.510431.120	hypothetical protein, conserved	-0,8173	2,37E-14
TcCLB.508835.10	hypothetical protein, conserved (pseudogene)	-0,8177	3,996E-07
TcCLB.506131.114	mucin TcMUC (pseudogene), putative	-0,8183	0,01006
TcCLB.508277.190	ERAD-associated E3 ubiquitin-protein ligase HRD1, putative	-0,8184	2,908E-20
TcCLB.509671.110	hypothetical protein, conserved	-0,8186	5,478E-11
TcCLB.511259.80	mucin TcMUCII, putative	-0,8188	0,002266
TcCLB.506759.31	surface protease GP63 (pseudogene), putative	-0,8189	0,0006381
TcCLB.508495.20	trans-sialidase (pseudogene), putative	-0,8192	4,193E-13
TcCLB.508461.330	hypothetical protein	-0,8193	3,763E-13
TcCLB.506247.74	hypothetical protein, conserved	-0,8193	1,573E-06
TcCLB.508727.30	hypothetical protein, conserved	-0,8195	3,133E-08
TcCLB.506459.230	trans-sialidase, Group V, putative	-0,8199	9,005E-08
TcCLB.508737.154	hypothetical protein, conserved	-0,82	7,749E-06
TcCLB.511621.170	hypothetical protein, conserved	-0,8203	1,042E-06
TcCLB.510339.40	hypothetical protein, conserved	-0,821	2,363E-13
TcCLB.506951.30	trans-sialidase (pseudogene), putative	-0,8214	0,00005075
TcCLB.510013.190	hypothetical protein	-0,8214	0,01893
TcCLB.510709.70	trans-sialidase, Group V, putative	-0,8214	0,07178
TcCLB.509195.80	trans-sialidase (pseudogene), putative	-0,822	2,602E-07
TcCLB.511857.10	hypothetical protein, conserved	-0,8221	5,022E-11
TcCLB.506627.130	dispersed gene family protein 1 (DGF-1, pseudogene), putative	-0,8222	0,01229
TcCLB.504085.70	Zinc finger protein, C3H1 type-like (ZC3H46)	-0,8222	0,06655
TcCLB.511203.10	surface protease GP63, putative	-0,8229	0,0001698
TcCLB.507511.81	mucin TcMUCII, putative	-0,8234	1,898E-11
TcCLB.506241.10	retrotransposon hot spot protein (RHS, pseudogene), putative	-0,8235	1,076E-06
TcCLB.510901.160	hypothetical protein, conserved	-0,8244	1,768E-09
TcCLB.511797.210	trans-sialidase (pseudogene), putative	-0,8252	0,00003513
TcCLB.510693.220	mucin TcMUCII, putative	-0,8252	0,006183
TcCLB.505037.70	trans-sialidase (pseudogene), putative	-0,8255	2,181E-07
TcCLB.506305.10	hypothetical protein, conserved	-0,8257	2,806E-26
TcCLB.506965.120	hypothetical protein	-0,8261	0,02704
TcCLB.511495.11	hypothetical protein, conserved (fragment)	-0,8266	0,00000466
TcCLB.510107.30	mucin-associated surface protein (MASP), putative	-0,8269	0,0002805
TcCLB.508761.150	mucin-associated surface protein (MASP, pseudogene), putative	-0,8276	0,01001
TcCLB.510483.200	hypothetical protein	-0,828	0,01448
TcCLB.511861.111	elongation factor 1-gamma (EF-1-gamma), putative	-0,828	0,05145
TcCLB.511181.60	hypothetical protein, conserved	-0,8281	4,979E-13
TcCLB.508443.60	hypothetical protein, conserved	-0,8281	4,848E-09
TcCLB.503533.30	trans-sialidase, Group V, putative	-0,8283	0,07019
TcCLB.506577.10	hypothetical protein, conserved	-0,8289	2,776E-08
TcCLB.511517.156	hypothetical protein, conserved	-0,8293	1,153E-11
TcCLB.510305.50	hypothetical protein, conserved	-0,8304	1,266E-21

TcCLB.510483.210	trans-sialidase (pseudogene), putative	-0,8308	1,451E-12
TcCLB.508209.150	hypothetical protein, conserved	-0,8314	1,2E-20
TcCLB.509167.200	hypothetical protein, conserved	-0,832	7,93E-17
TcCLB.506753.90	hypothetical protein, conserved	-0,8321	8,881E-26
TcCLB.508761.200	trans-sialidase (pseudogene), putative	-0,8329	0,0004199
TcCLB.506739.140	hypothetical protein, conserved	-0,8339	0,00004343
TcCLB.506345.40	trans-sialidase, Group II, putative	-0,8341	9,868E-13
TcCLB.510421.180	casein kinase I, putative	-0,8342	1,261E-11
TcCLB.508363.10	hypothetical protein	-0,8345	0,01595
TcCLB.509369.20	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,8351	0,007516
TcCLB.506559.330	clathrin coat assembly protein AP17, putative	-0,8357	2,187E-10
TcCLB.511401.80	hypothetical protein, conserved (pseudogene)	-0,8359	1,777E-10
TcCLB.506469.90	hypothetical protein, conserved	-0,8359	3,644E-06
TcCLB.503771.74	mucin TcMUCII (pseudogene), putative	-0,8359	0,02061
TcCLB.506267.19	hypothetical protein	-0,8366	0,0006452
TcCLB.509429.200	hypothetical protein, conserved	-0,8368	1,008E-13
TcCLB.510519.100	hypothetical protein, conserved	-0,8374	9,592E-10
TcCLB.509695.190	cdc2-related kinase 1, putative (CRK1)	-0,8378	4,324E-15
TcCLB.511921.100	trans-sialidase (pseudogene), putative	-0,838	9,449E-06
TcCLB.509663.10	myosin heavy chain, putative	-0,8384	4,106E-22
TcCLB.508479.50	trans-sialidase (pseudogene), putative	-0,8397	3,858E-11
TcCLB.510607.70	trans-sialidase (pseudogene), putative	-0,8401	0,00003368
TcCLB.508869.59	mucin-associated surface protein (MASP), putative	-0,8406	0,06006
TcCLB.506435.210	hypothetical protein, conserved	-0,841	3,35E-15
TcCLB.508691.10	hypothetical protein, conserved	-0,8412	1,707E-08
TcCLB.506945.50	hypothetical protein, conserved	-0,8414	1,724E-15
TcCLB.510901.180	hypothetical protein, conserved	-0,8415	1,557E-12
TcCLB.506955.240	trans-sialidase, Group V, putative	-0,8415	8,379E-07
TcCLB.504147.250	hypothetical protein, conserved	-0,8416	6,867E-29
TcCLB.506529.70	hypothetical protein, conserved	-0,8418	1,863E-14
TcCLB.506459.200	hypothetical protein	-0,8418	0,0297
TcCLB.511183.270	mucin TcMUCII (pseudogene), putative	-0,8419	0,02122
TcCLB.506775.70	hypothetical protein, conserved	-0,8424	4,703E-16
TcCLB.510131.70	DNA polymerase kappa, putative	-0,8432	1,376E-08
TcCLB.508175.264	hypothetical protein, conserved (pseudogene)	-0,8439	3,684E-10
TcCLB.506579.80	hypothetical protein, conserved	-0,844	1,455E-15
TcCLB.508355.360	hypothetical protein, conserved	-0,8441	1,281E-08
TcCLB.510693.251	mucin TcMUC (pseudogene), putative	-0,8441	0,002594
TcCLB.506145.80	surface protease GP63, putative	-0,845	7,365E-19
TcCLB.508161.30	mucin-associated surface protein (MASP), putative	-0,8456	0,00003243
TcCLB.508221.30	mucin-associated surface protein (MASP), putative	-0,8459	0,02629
TcCLB.503659.20	mucin TcMUCII (pseudogene), putative	-0,8463	0,000171
TcCLB.507143.70	hypothetical protein, conserved	-0,8466	4,715E-22
TcCLB.506743.60	hypothetical protein, conserved	-0,8468	2,799E-19
TcCLB.507991.120	translation initiation factor IF-2, putative	-0,8468	2,443E-12

TcCLB.508435.60	mucin TcMUCII, putative	-0,8471	0,03054
TcCLB.506129.50	trans-sialidase, Group IV, putative	-0,8476	1,103E-18
TcCLB.511923.120	dihydroorotate dehydrogenase, putative (DHODH)	-0,8477	7,188E-10
TcCLB.506459.120	mucin TcMUCII, putative	-0,8477	0,01315
TcCLB.506737.121	mucin-associated surface protein (MASP, pseudogene), pu	-0,8479	3,263E-15
TcCLB.511765.55	trans-sialidase (pseudogene), putative	-0,8483	0,007629
TcCLB.506473.4	hypothetical protein, conserved (pseudogene)	-0,849	0,02741
TcCLB.507711.290	hypothetical protein, conserved	-0,8491	9,302E-13
TcCLB.506501.27	syntaxin binding protein (pseudogene), putative	-0,8491	0,03391
TcCLB.504239.401	hypothetical protein, conserved (pseudogene)	-0,8493	0,03824
TcCLB.504741.80	hypothetical protein, conserved	-0,8502	3,85E-11
TcCLB.403153.10	receptor-type adenylate cyclase (pseudogene), putative	-0,8504	1,533E-06
TcCLB.511675.30	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,8504	0,01759
TcCLB.508831.180	beta galactofuranosyl glycosyltransferase (pseudogene), f	-0,851	0,01056
TcCLB.511259.70	mucin-associated surface protein (MASP, pseudogene), pu	-0,8514	0,0002812
TcCLB.511625.130	trans-sialidase, Group V, putative	-0,8515	0,00004716
TcCLB.508175.133	hypothetical protein, conserved (pseudogene)	-0,8518	2,419E-24
TcCLB.509419.58	mucin TcMUCII (pseudogene), putative	-0,8525	0,05148
TcCLB.504045.5	hypothetical protein, conserved (fragment)	-0,8526	0,0001548
TcCLB.506567.80	hypothetical protein	-0,8527	1,878E-13
TcCLB.504313.10	trans-sialidase, Group IV, putative	-0,8528	0,008116
TcCLB.511787.10	mucin-associated surface protein (MASP), putative	-0,8529	0,04933
TcCLB.511591.10	mucin-associated surface protein (MASP), putative	-0,853	0,03239
TcCLB.506995.60	surface protease GP63, putative	-0,8531	0,002233
TcCLB.508813.40	surface protease GP63, putative	-0,8532	6,784E-10
TcCLB.506513.150	hypothetical protein, conserved	-0,8534	1,169E-12
TcCLB.509601.110	hypothetical protein, conserved	-0,8537	3,21E-15
TcCLB.511281.50	surface protease GP63, putative	-0,8539	1,118E-08
TcCLB.511555.20	hypothetical protein, conserved	-0,8543	1,124E-20
TcCLB.509735.100	trans-sialidase (pseudogene), putative	-0,8544	2,568E-08
TcCLB.410199.7	hypothetical protein	-0,8545	0,001238
TcCLB.506139.4	mucin TcMUCII, putative	-0,8548	0,05858
TcCLB.507847.10	mucin TcMUCII (pseudogene), putative	-0,8549	9,061E-07
TcCLB.510243.60	hypothetical protein	-0,8564	1,274E-18
TcCLB.510199.10	GP85-like protein, putative	-0,857	0,01158
TcCLB.508573.80	trans-sialidase (pseudogene), putative	-0,8571	7,95E-09
TcCLB.508521.81	elongation factor 1-gamma (EF-1-gamma), putative	-0,8572	0,0006012
TcCLB.506599.40	hypothetical protein	-0,8574	0,02452
TcCLB.508525.5	cAMP response protein 1, putative (pseudogene)	-0,8576	8,344E-06
TcCLB.511255.190	trans-sialidase, Group V, putative	-0,8576	0,000324
TcCLB.506939.209	mucin TcMUCII (pseudogene), putative	-0,8576	0,0003366
TcCLB.508229.20	hypothetical protein	-0,8577	0,0103
TcCLB.508629.100	trans-sialidase (pseudogene), putative	-0,8581	5,928E-15
TcCLB.507801.230	trans-sialidase (pseudogene), putative	-0,8582	1,912E-07
TcCLB.506637.30	hypothetical protein, conserved	-0,8583	6,032E-25

TcCLB.506769.90	surface protease GP63, putative	-0,8584	0,004403
TcCLB.508221.360	mucin-associated surface protein (MASP, pseudogene), pi	-0,8591	0,02777
TcCLB.506999.10	hypothetical protein, conserved	-0,8592	2,563E-12
TcCLB.510481.30	hypothetical protein, conserved	-0,8594	0,06393
TcCLB.508577.110	hypothetical protein, conserved	-0,8599	2,092E-12
TcCLB.508375.50	dihydroorotate dehydrogenase (fumarate), putative (DHOI	-0,8607	1,058E-14
TcCLB.510305.60	hypothetical protein, conserved	-0,8611	3,625E-30
TcCLB.509053.80	hypothetical protein, conserved	-0,8612	3,281E-11
TcCLB.506067.34	mucin-associated surface protein (MASP, pseudogene), pi	-0,8616	0,00001672
TcCLB.504081.270	mucin TcMUCII, putative	-0,8617	0,01083
TcCLB.510401.31	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,8623	0,03801
TcCLB.505007.30	hypothetical protein, conserved	-0,8626	3,385E-12
TcCLB.503993.20	hypothetical protein	-0,8626	0,00603
TcCLB.506245.210	mucin TcMUCII, putative	-0,8628	0,0011
TcCLB.504431.100	guanine deaminase, putative	-0,8637	5,67E-13
TcCLB.508057.20	mucin-associated surface protein (MASP, pseudogene), pi	-0,8638	5,486E-08
TcCLB.506297.130	zinc finger ccch and cchc domain-containing protein	-0,8639	8,706E-28
TcCLB.506859.4	N-acetyltransferase, putative (fragment)	-0,8644	0,00006147
TcCLB.510687.130	hypothetical protein, conserved	-0,8651	7,866E-12
TcCLB.508909.260	hypothetical protein, conserved	-0,8651	9,464E-06
TcCLB.506195.200	hypothetical protein, conserved	-0,8655	2,771E-24
TcCLB.504033.200	hypothetical protein	-0,8657	9,329E-14
TcCLB.509237.40	hypothetical protein, conserved	-0,8658	1,033E-10
TcCLB.509085.110	trans-sialidase (pseudogene), putative	-0,8661	6,809E-06
TcCLB.509643.10	hypothetical protein, conserved	-0,8661	0,00002991
TcCLB.508365.220	hypothetical protein, conserved (pseudogene)	-0,8667	0,002833
TcCLB.508261.80	trans-sialidase (pseudogene), putative	-0,8668	0,0000258
TcCLB.507041.65	hypothetical protein, conserved (pseudogene)	-0,8668	0,0009395
TcCLB.511499.50	ubiquitin hydrolase, putative	-0,8669	8,492E-21
TcCLB.458369.10	trans-sialidase (pseudogene), putative	-0,8672	0,0009401
TcCLB.511277.440	tubulin tyrosine ligase protein, putative	-0,8679	3,1E-13
TcCLB.504083.20	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,8683	0,04164
TcCLB.508293.120	hypothetical protein	-0,8689	0,005899
TcCLB.507875.200	trans-sialidase (pseudogene), putative	-0,8693	8,472E-07
TcCLB.410923.20	retrotransposon hot spot (RHS) protein, putative	-0,8695	2,22E-13
TcCLB.509429.170	hypothetical protein, conserved	-0,8695	1,79E-12
TcCLB.509163.6	hypothetical protein	-0,8699	0,04018
TcCLB.510257.50	hypothetical protein, conserved	-0,87	5,506E-11
TcCLB.503579.40	hypothetical protein, conserved	-0,8701	3,191E-13
TcCLB.511149.60	mucin-associated surface protein (MASP), putative	-0,8702	0,03069
TcCLB.510879.229	protein kinase, putative	-0,8704	6,209E-07
TcCLB.511867.80	Vacuolar iron transporter 1, putative (VIT1)	-0,8706	8,689E-15
TcCLB.507941.70	hypothetical protein, conserved	-0,8708	2,163E-21
TcCLB.506249.30	hypothetical protein, conserved	-0,8708	1,453E-06
TcCLB.509429.260	hypothetical protein, conserved	-0,8709	7,408E-18

TcCLB.508261.120	hypothetical protein	-0,8713	0,0007535
TcCLB.511675.10	trans-sialidase (pseudogene), putative	-0,8716	1,322E-14
TcCLB.508317.80	mannosyl-oligosaccharide 1,2-alpha-mannosidase IB, putative	-0,8718	3,01E-20
TcCLB.508297.14	trans-sialidase (pseudogene), putative	-0,8719	6,173E-14
TcCLB.503563.29	hypothetical protein	-0,8722	0,00002056
TcCLB.506451.50	trans-sialidase (pseudogene), putative	-0,8725	0,000653
TcCLB.508621.51	peptidylprolyl isomerase-like protein (pseudogene), putative	-0,8727	0,03645
TcCLB.509133.10	trans-sialidase (pseudogene), putative	-0,8736	6,741E-06
TcCLB.510901.220	hypothetical protein, conserved	-0,8738	4,035E-18
TcCLB.506319.20	hypothetical protein, conserved	-0,8742	1,934E-17
TcCLB.508173.129	hypothetical protein, conserved	-0,8743	8,641E-21
TcCLB.504021.20	hypothetical protein, conserved	-0,8754	0,002352
TcCLB.506445.70	hypothetical protein, conserved	-0,8757	1,62E-12
TcCLB.505965.10	surface protease GP63, putative	-0,8757	0,004118
TcCLB.504113.20	MYH7B protein, putative	-0,8759	5,892E-11
TcCLB.504797.80	endo-beta-N-acetylglucosaminidase, putative	-0,876	1,961E-26
TcCLB.510463.221	hypothetical protein, conserved (pseudogene)	-0,8761	0,0544
TcCLB.503475.10	dispersed gene family protein 1 (DGF-1, pseudogene), putative	-0,8767	0,2154
TcCLB.508317.120	mannosyl-oligosaccharide 1,2-alpha-mannosidase IB, putative	-0,8769	2,564E-21
TcCLB.507765.30	hypothetical protein, conserved	-0,8769	1,471E-16
TcCLB.511875.29	mucin-associated surface protein (MASP, pseudogene), putative	-0,8774	3,217E-06
TcCLB.503809.60	glycerol uptake protein (pseudogene), putative	-0,8775	1,456E-08
TcCLB.506247.110	hypothetical protein, conserved	-0,8777	3,895E-13
TcCLB.505997.160	retrotransposon hot spot protein (RHS, pseudogene), putative	-0,878	1,536E-11
TcCLB.508277.380	hypothetical protein, conserved	-0,8781	9,218E-34
TcCLB.511283.280	Serine/threonine-protein kinase Nek1-related, putative	-0,8781	4,182E-20
TcCLB.510279.100	hypothetical protein	-0,8788	0,006878
TcCLB.509717.40	hypothetical protein, conserved	-0,8792	2,006E-21
TcCLB.510303.80	kinesin, putative	-0,8794	1,023E-17
TcCLB.507677.60	hypothetical protein	-0,8801	9,093E-24
TcCLB.510159.10	hypothetical protein, conserved	-0,8806	2,286E-12
TcCLB.464807.10	serine/threonine protein kinase, putative	-0,8814	1,373E-11
TcCLB.503891.60	hypothetical protein, conserved	-0,8825	3,403E-16
TcCLB.507957.100	mucin-associated surface protein (MASP, pseudogene), putative	-0,8829	0,0001149
TcCLB.476733.10	hypothetical protein, conserved	-0,883	4,724E-23
TcCLB.509487.4	DNA-directed RNA polymerase III, putative	-0,883	1,738E-06
TcCLB.506899.30	mucin-associated surface protein (MASP, pseudogene), putative	-0,8836	0,01705
TcCLB.506755.220	hypothetical protein, conserved	-0,884	6,841E-19
TcCLB.422843.10	trans-sialidase (pseudogene), putative	-0,884	1,367E-12
TcCLB.506515.29	trans-sialidase, putative	-0,884	0,00002254
TcCLB.511547.14	mucin-associated surface protein (MASP), putative	-0,8845	0,007394
TcCLB.465323.10	hypothetical protein (fragment)	-0,8846	0,008488
TcCLB.510429.20	tRNA (guanine-N(7)-)-methyltransferase, putative	-0,8847	7,139E-10
TcCLB.510819.20	hypothetical protein, conserved	-0,8852	4,187E-10
TcCLB.504005.50	hypothetical protein, conserved	-0,8854	4,615E-16

TcCLB.508761.9	mucin-associated surface protein (MASP, pseudogene), pu	-0,886	0,0008035
TcCLB.511677.20	trans-sialidase, putative	-0,8864	0,009606
TcCLB.511861.130	trans-sialidase (pseudogene), putative	-0,8867	2,938E-12
TcCLB.508387.50	bilobe protein, conserved	-0,8873	1,91E-20
TcCLB.507061.49	hypothetical protein	-0,8879	5,849E-13
TcCLB.508187.30	surface protease GP63, putative (fragment)	-0,8879	0,0008829
TcCLB.508989.110	hypothetical protein, conserved	-0,8882	2,203E-20
TcCLB.509099.40	hypothetical protein, conserved	-0,8882	8,109E-12
TcCLB.504105.260	bilobe protein, conserved	-0,8894	0,0005528
TcCLB.508799.30	hypothetical protein, conserved	-0,8896	8,818E-19
TcCLB.509695.230	serine carboxypeptidase (CBP1), putative (fragment)	-0,8897	3,604E-09
TcCLB.509213.70	ribulose-5-phosphate 3-epimerase, putative	-0,8899	3,773E-15
TcCLB.431849.20	hypothetical protein, conserved (fragment)	-0,8899	8,098E-06
TcCLB.510885.80	hypothetical protein, conserved	-0,8901	1,807E-15
TcCLB.504027.4	kinesin, putative (fragment)	-0,8902	6,137E-10
TcCLB.506485.109	cyclic nucleotide-binding domain containing protein, putat	-0,8905	8,991E-19
TcCLB.506807.39	hypothetical protein, conserved (fragment)	-0,8907	1,067E-09
TcCLB.506357.20	hypothetical protein, conserved	-0,8908	2,238E-21
TcCLB.503875.40	hypothetical protein	-0,8916	0,001875
TcCLB.506753.190	hypothetical protein, conserved	-0,892	1,591E-15
TcCLB.511559.10	Present in the outer mitochondrial membrane proteome 1	-0,892	0,02807
TcCLB.506357.10	hypothetical protein, conserved	-0,8924	2,625E-10
TcCLB.508961.70	hypothetical protein, conserved	-0,8926	1,909E-15
TcCLB.511183.371	hypothetical protein, conserved (pseudogene)	-0,8935	0,008182
TcCLB.506173.179	trans-sialidase (pseudogene), putative	-0,8939	0,00001168
TcCLB.506951.50	mucin TcMUCII (pseudogene), putative	-0,8945	3,154E-09
TcCLB.506963.100	hypothetical protein, conserved	-0,8948	1,937E-07
TcCLB.508221.150	mucin-associated surface protein (MASP), putative	-0,895	0,005614
TcCLB.503871.10	trans-sialidase (pseudogene), putative	-0,8954	0,0000302
TcCLB.510029.90	hypothetical protein, conserved	-0,8957	1,721E-17
TcCLB.507095.20	hypothetical protein	-0,8967	0,003003
TcCLB.510885.10	hypothetical protein, conserved	-0,8973	2,031E-17
TcCLB.510543.210	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,8974	9,274E-06
TcCLB.507093.20	hypothetical protein, conserved	-0,8976	1,049E-11
TcCLB.508165.34	mucin TcMUC (pseudogene), putative	-0,8982	0,004489
TcCLB.505997.100	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,8984	2,004E-11
TcCLB.510165.60	expression site-associated gene (ESAG-like) protein, putat	-0,899	0,00000246
TcCLB.506735.40	hypothetical protein	-0,8991	5,715E-15
TcCLB.511025.60	hypothetical protein	-0,8993	4,172E-12
TcCLB.503417.20	hypothetical protein	-0,8994	0,004158
TcCLB.510533.70	protein kinase, putative	-0,9003	6,289E-15
TcCLB.511237.130	trans-sialidase, putative (fragment)	-0,9008	5,185E-06
TcCLB.510143.120	hypothetical protein, conserved	-0,9012	1,465E-10
TcCLB.511037.40	hypothetical protein, conserved	-0,9013	0,0002968
TcCLB.506057.81	mucin-associated surface protein (MASP, pseudogene), pu	-0,9018	1,765E-14

TcCLB.506173.270	mucin TcMUCII, putative	-0,902	0,008595
TcCLB.509179.231	trans-sialidase (pseudogene), putative	-0,9022	0,00006493
TcCLB.509957.10	hypothetical protein	-0,903	0,00003915
TcCLB.511491.130	dolichyl pyrophosphate phosphatase, putative	-0,9039	2,571E-11
TcCLB.510817.40	hypothetical protein, conserved	-0,9051	0,00002364
TcCLB.507943.70	hypothetical protein, conserved	-0,9058	1,884E-14
TcCLB.509695.140	hypothetical protein, conserved	-0,9074	4,086E-19
TcCLB.510173.50	hypothetical protein, conserved	-0,9078	4,761E-08
TcCLB.503639.20	hypothetical protein, conserved	-0,908	1,189E-07
TcCLB.508313.140	mucin-associated surface protein (MASP), putative	-0,9081	0,03559
TcCLB.511127.290	hypothetical protein, conserved	-0,9088	1,345E-21
TcCLB.503775.60	hypothetical protein	-0,9088	2,291E-06
TcCLB.509487.10	hypothetical protein	-0,9098	5,15E-13
TcCLB.508741.110	hypothetical protein, conserved	-0,91	3,363E-15
TcCLB.510699.11	surface protease GP63 (pseudogene), putative	-0,9106	0,01036
TcCLB.507625.110	chaperone DNAJ protein, putative	-0,9116	1,915E-20
TcCLB.511537.30	hypothetical protein, conserved	-0,9117	8,718E-25
TcCLB.430061.9	hypothetical protein, conserved	-0,9121	0,00002157
TcCLB.510279.30	hypothetical protein	-0,9122	0,0217
TcCLB.507905.30	trans-sialidase (pseudogene), putative	-0,9132	7,316E-27
TcCLB.511517.37	reticulon domain protein, putative	-0,914	2,396E-13
TcCLB.508883.10	mucin-associated surface protein (MASP, pseudogene), pi	-0,915	0,05897
TcCLB.506165.4	hypothetical protein, conserved	-0,9156	9,223E-15
TcCLB.508207.40	hypothetical protein, conserved	-0,9157	1,799E-09
TcCLB.506247.420	hypothetical protein, conserved	-0,9163	3,409E-08
TcCLB.506741.30	mucin-associated surface protein (MASP, pseudogene), pi	-0,9164	0,06319
TcCLB.511277.190	ras-related GTP-binding protein, putative	-0,9173	3,168E-18
TcCLB.504005.40	hypothetical protein, conserved	-0,9187	7,157E-13
TcCLB.508493.20	mucin-associated surface protein (MASP, pseudogene), pi	-0,919	1,232E-08
TcCLB.503673.9	eukaryotic translation initiation factor 2-alpha kinase, putative	-0,9194	9,857E-10
TcCLB.511149.80	hypothetical protein	-0,9196	0,0007458
TcCLB.459389.10	hypothetical protein, conserved (fragment)	-0,9197	1,23E-13
TcCLB.510183.40	hypothetical protein, conserved	-0,9201	5,956E-09
TcCLB.506501.401	hypothetical protein, conserved (pseudogene)	-0,921	0,1159
TcCLB.509167.90	hypothetical protein, conserved	-0,9219	2,523E-15
TcCLB.507713.30	heat shock protein 85, putative	-0,9219	0,0007787
TcCLB.511165.30	hypothetical protein, conserved	-0,9225	4,886E-09
TcCLB.506885.450	Kinesin-13 6, putative (KIN13-6)	-0,9232	1,604E-17
TcCLB.508539.150	surface protease GP63 (pseudogene), putative	-0,9234	0,00009808
TcCLB.510601.40	tubulin tyrosine ligase (pseudogene), putative	-0,9235	2,988E-13
TcCLB.506245.70	mucin-associated surface protein (MASP, pseudogene), pi	-0,9235	0,0000494
TcCLB.511183.550	mucin TcMUCII, putative	-0,9239	0,01961
TcCLB.509399.140	hypothetical protein, conserved	-0,9246	4,07E-14
TcCLB.507993.350	surface protease GP63, putative	-0,9249	1,184E-06
TcCLB.506569.45	protein kinase (pseudogene), putative	-0,9253	8,069E-07



TcCLB.511127.230	hypothetical protein, conserved	-0,9255	8,638E-13
TcCLB.503887.20	hypothetical protein	-0,9267	3,619E-12
TcCLB.506563.4	hypothetical protein, conserved	-0,9268	7,506E-08
TcCLB.507995.10	trans-sialidase (pseudogene), putative	-0,9271	9,581E-14
TcCLB.510769.130	kinesin, putative	-0,9272	1,948E-22
TcCLB.508873.210	mucin-associated surface protein (MASP), putative	-0,9277	0,0003484
TcCLB.507163.40	mucin-associated surface protein (MASP), putative	-0,9278	0,000237
TcCLB.510205.50	mucin-associated surface protein (MASP), putative	-0,9278	0,008228
TcCLB.503993.10	trans-sialidase, Group I, putative	-0,9288	6,49E-14
TcCLB.511851.5	trans-sialidase, putative	-0,9288	0,002288
TcCLB.509429.130	hypothetical protein, conserved	-0,929	7,343E-15
TcCLB.511667.80	trans-sialidase (pseudogene), putative	-0,9292	1,213E-11
TcCLB.506465.40	protein kinase-like protein, putative	-0,9297	5,609E-13
TcCLB.504023.10	hypothetical protein, conserved	-0,9299	1,149E-12
TcCLB.507993.310	transporter, putative	-0,9302	3,043E-10
TcCLB.508047.60	trans-sialidase, Group V, putative	-0,9302	6,855E-08
TcCLB.510281.5	mucin TcMUCII (pseudogene), putative	-0,9306	0,0367
TcCLB.511161.10	hypothetical protein, conserved (pseudogene)	-0,9308	0,00000379
TcCLB.506741.70	surface protease GP63 (pseudogene), putative	-0,9308	0,02654
TcCLB.506285.110	mucin-associated surface protein (MASP, pseudogene), pu	-0,9314	0,002233
TcCLB.506941.150	sphingosine 1-phosphate lyase, putative (SPL)	-0,9316	9,092E-13
TcCLB.509895.60	hypothetical protein, conserved	-0,9317	3,96E-07
TcCLB.508225.20	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,9317	0,00001718
TcCLB.510189.30	surface protease GP63 (pseudogene), putative	-0,9323	0,000914
TcCLB.508905.10	hypothetical protein, conserved (pseudogene)	-0,9324	2,34E-11
TcCLB.510211.10	trans-sialidase (pseudogene), putative	-0,9326	0,08916
TcCLB.510621.55	mucin TcMUCII (pseudogene), putative	-0,9335	0,008535
TcCLB.511269.40	cAMP phosphodiesterase A, putative (PDEA)	-0,9341	2,46E-10
TcCLB.511859.100	trans-sialidase (pseudogene), putative	-0,9347	1,722E-17
TcCLB.511127.120	cysteine peptidase, Clan CA, family C19, putative	-0,9348	2,894E-12
TcCLB.510029.80	hypothetical protein, conserved	-0,935	1,408E-22
TcCLB.509805.20	cAMP phosphodiesterase A, putative (PDEA)	-0,9351	3,225E-13
TcCLB.508325.250	trans-sialidase (pseudogene), putative	-0,936	8,686E-11
TcCLB.509525.190	hypothetical protein	-0,9362	0,05421
TcCLB.506285.40	mucin-associated surface protein (MASP, pseudogene), pu	-0,9363	1,272E-06
TcCLB.508593.60	hypothetical protein, conserved	-0,9366	1,634E-13
TcCLB.509525.330	hypothetical protein	-0,937	0,007134
TcCLB.511183.60	trans-sialidase, Group V, putative	-0,9383	1,211E-06
TcCLB.504115.5	trans-sialidase (pseudogene), putative	-0,9386	3,587E-11
TcCLB.504239.120	trans-sialidase (pseudogene), putative	-0,939	0,005656
TcCLB.508385.20	hypothetical protein, conserved	-0,9391	6,321E-24
TcCLB.506001.30	hypothetical protein	-0,9391	0,01288
TcCLB.510175.30	trans-sialidase (pseudogene), putative	-0,9395	5,117E-10
TcCLB.506993.110	mucin TcMUCII, putative	-0,9402	0,0001012
TcCLB.504057.170	protein kinase, putative	-0,941	5,239E-24

TcCLB.506009.10	hypothetical protein, conserved	-0,9413	0,002726
TcCLB.508389.130	mucin-associated surface protein (MASP), putative	-0,9413	0,06201
TcCLB.509925.20	mucin TcMUCII, putative	-0,9423	6,273E-12
TcCLB.509179.60	hypothetical protein, conserved	-0,9428	4,073E-15
TcCLB.509847.50	trans-sialidase (pseudogene), putative	-0,9432	0,0001798
TcCLB.509543.30	hypothetical protein	-0,9437	2,603E-16
TcCLB.510303.70	hypothetical protein, conserved	-0,9445	2,843E-29
TcCLB.401961.10	trans-sialidase, putative (fragment)	-0,9446	0,04932
TcCLB.511127.240	hypothetical protein, conserved	-0,9448	5,221E-06
TcCLB.508885.30	hypothetical protein	-0,9452	0,03789
TcCLB.511557.60	hypothetical protein, conserved	-0,9455	8,979E-11
TcCLB.507867.31	mucin TcMUCII (pseudogene), putative	-0,9464	7,03E-12
TcCLB.425969.5	hypothetical protein	-0,9465	1,406E-14
TcCLB.506057.61	elongation factor 1-gamma (EF-1-gamma, pseudogene),	-0,9468	0,00006005
TcCLB.511373.10	mucin-associated surface protein (MASP, pseudogene), pu	-0,9478	0,03193
TcCLB.508879.4	protein kinase C substrate protein, heavy chain, putative	-0,9479	1,451E-15
TcCLB.504737.20	mucin-associated surface protein (MASP, pseudogene), pu	-0,9482	0,00051
TcCLB.506251.130	ubiquitin-protein ligase (pseudogene), putative	-0,9485	1,666E-20
TcCLB.506967.27	syntaxin binding protein (pseudogene), putative	-0,9491	0,02403
TcCLB.508243.36	hypothetical protein	-0,9495	0,1018
TcCLB.509167.180	kinesin, putative	-0,9497	2,799E-19
TcCLB.506597.36	hypothetical protein, conserved (pseudogene)	-0,9506	0,04229
TcCLB.510545.40	mucin TcMUCII, putative	-0,9519	0,0001852
TcCLB.510207.35	mucin TcMUCII (pseudogene), putative	-0,9521	0,0001063
TcCLB.510807.30	hypothetical protein	-0,9523	0,00001829
TcCLB.503845.60	trans-sialidase (pseudogene), putative	-0,9526	2,768E-19
TcCLB.509291.10	hypothetical protein	-0,9527	0,001629
TcCLB.506511.70	hypothetical protein, conserved	-0,9528	5,127E-21
TcCLB.509005.20	hypothetical protein, conserved	-0,9528	1,532E-18
TcCLB.503989.20	hypothetical protein, conserved	-0,9536	6,856E-18
TcCLB.510237.40	mucin-associated surface protein (MASP, pseudogene), pu	-0,9542	5,788E-06
TcCLB.510583.140	trans-sialidase (pseudogene), putative	-0,9542	0,0001275
TcCLB.509085.136	trans-sialidase (pseudogene), putative	-0,9542	0,001758
TcCLB.504005.3	RNA helicase, putative	-0,9543	2,357E-20
TcCLB.509493.100	mucin-associated surface protein (MASP, pseudogene), pu	-0,9546	1,875E-14
TcCLB.506501.141	syntaxin binding protein (pseudogene), putative	-0,9547	0,007255
TcCLB.508897.110	macrophage infectivity potentiator, precursor, putative (N	-0,9549	8,952E-24
TcCLB.507389.30	hypothetical protein	-0,9553	7,462E-23
TcCLB.511555.50	hypothetical protein, conserved	-0,9561	4,105E-15
TcCLB.507959.270	mucin TcMUCII, putative	-0,9566	0,0009203
TcCLB.447847.19	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,9571	8,055E-11
TcCLB.511593.30	mucin-associated surface protein (MASP), putative	-0,9579	3,536E-08
TcCLB.506961.35	trans-sialidase (pseudogene), putative	-0,9583	3,084E-09
TcCLB.506655.20	polyubiquitin (pseudogene), putative	-0,9583	0,001334
TcCLB.508277.280	hypothetical protein	-0,9594	1,291E-13

TcCLB.503783.50	surface protease GP63 (pseudogene), putative	-0,9595	0,0007188
TcCLB.511593.65	hypothetical protein	-0,9601	0,00129
TcCLB.507939.50	hypothetical protein, conserved	-0,9603	4,542E-22
TcCLB.506039.10	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,9603	1,499E-07
TcCLB.510591.30	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,9603	7,568E-07
TcCLB.504031.20	surface protease GP63 (pseudogene), putative	-0,9604	0,0001076
TcCLB.508777.50	hypothetical protein	-0,9621	6,181E-19
TcCLB.511077.130	mucin TcMUCII, putative	-0,9623	0,004277
TcCLB.504013.110	serine/threonine-protein phosphatase 2A, catalytic subuni	-0,9627	1,675E-15
TcCLB.508799.20	chromatin binding protein, putative	-0,965	4,133E-21
TcCLB.511873.20	hypothetical protein	-0,9664	0,0001309
TcCLB.509683.110	nucleobase transporter, putative	-0,9674	4,616E-13
TcCLB.506943.10	mitogen-activated protein kinase 5, putative	-0,9679	2,523E-08
TcCLB.510329.130	UDP-glucose:glycoprotein glucosyltransferase (tcgt1)	-0,968	9,394E-20
TcCLB.511255.604	mucin TcMUCII, putative	-0,968	0,0005563
TcCLB.506973.25	hypothetical protein	-0,9687	0,00007315
TcCLB.510611.70	hypothetical protein, conserved	-0,9694	4,645E-21
TcCLB.508161.40	mucin TcMUCII (pseudogene), putative	-0,9697	0,0008741
TcCLB.506331.20	retrotransposon hot spot protein (RHS, pseudogene), puta	-0,9704	5,852E-08
TcCLB.508931.30	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, $\beta$	-0,9708	5,956E-10
TcCLB.507951.30	receptor-type adenylate cyclase (pseudogene), putative	-0,9709	4,553E-27
TcCLB.506269.90	mucin TcMUCII, putative	-0,9721	8,659E-10
TcCLB.507555.70	trans-sialidase (pseudogene), putative	-0,9724	6,003E-11
TcCLB.508873.300	hypothetical protein	-0,9757	0,008367
TcCLB.506767.389	surface protease GP63 (pseudogene), putative	-0,976	0,00313
TcCLB.507639.50	tRNA pseudouridine synthase A, putative	-0,9762	1,385E-18
TcCLB.508277.320	hypothetical protein, conserved	-0,9762	4,69E-15
TcCLB.506321.160	syntaxin binding protein (pseudogene), putative	-0,9764	3,187E-08
TcCLB.509693.90	serine/threonine protein kinase, putative	-0,9767	3,2E-23
TcCLB.510371.35	hypothetical protein, conserved (pseudogene)	-0,9767	0,01068
TcCLB.506139.60	trans-sialidase (pseudogene), putative	-0,9771	1,495E-08
TcCLB.507771.30	hypothetical protein, conserved	-0,9772	2,841E-17
TcCLB.509073.70	phosphatidate cytidyltransferase-like protein, putative	-0,9773	5,749E-20
TcCLB.508047.20	mucin-associated surface protein (MASP), putative	-0,9776	0,00002695
TcCLB.504039.25	syntaxin binding protein (pseudogene), putative	-0,9776	0,007765
TcCLB.508227.51	surface protease GP63 (pseudogene), putative	-0,9777	0,009587
TcCLB.510361.110	mucin-associated surface protein (MASP), putative	-0,9788	0,00005108
TcCLB.509779.20	hypothetical protein, conserved	-0,9789	2,961E-11
TcCLB.508165.115	mucin TcMUCII (pseudogene), putative	-0,979	0,003199
TcCLB.509163.30	trans-sialidase (pseudogene), putative	-0,9793	5,66E-08
TcCLB.511893.40	receptor-type adenylate cyclase, putative (fragment)	-0,9798	3,776E-06
TcCLB.506613.70	hypothetical protein	-0,9801	0,00008338
TcCLB.511797.110	trans-sialidase, Group V, putative	-0,9803	1,363E-07
TcCLB.509581.35	hypothetical protein, conserved (pseudogene)	-0,9806	0,02166
TcCLB.506703.110	mucin-associated surface protein (MASP), putative	-0,9814	3,156E-09

TcCLB.506599.320	hypothetical protein	-0,9815	0,03156
TcCLB.511183.103	mucin-associated surface protein (MASP, pseudogene), pi	-0,9816	0,00003498
TcCLB.503551.20	hypothetical protein, conserved	-0,982	0,03362
TcCLB.505987.50	adenosine kinase, putative	-0,9823	4,597E-21
TcCLB.511127.50	hypothetical protein, conserved	-0,9827	4,972E-20
TcCLB.510867.19	trans-sialidase (pseudogene), putative	-0,9837	3,964E-14
TcCLB.511255.230	mucin-associated surface protein (MASP, pseudogene), pi	-0,9839	0,000398
TcCLB.508975.30	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, p	-0,9843	0,003758
TcCLB.506279.160	mucin-associated surface protein (MASP, pseudogene), pi	-0,9844	0,001481
TcCLB.508175.320	hypothetical protein, conserved	-0,9848	1,399E-27
TcCLB.503919.60	hypothetical protein, conserved	-0,9855	6,062E-15
TcCLB.511127.140	DNA replication licensing factor MCM4, putative	-0,9857	3,108E-24
TcCLB.509255.10	hypothetical protein, conserved	-0,9858	3,871E-25
TcCLB.506921.10	surface protease GP63, putative	-0,9874	2,521E-22
TcCLB.507699.210	hypothetical protein	-0,9877	0,0003688
TcCLB.511127.5	RNA helicase, putative	-0,9884	0,00002644
TcCLB.506505.10	hypothetical protein, conserved	-0,9885	1,074E-08
TcCLB.506393.80	trans-sialidase (pseudogene), putative	-0,9894	0,01871
TcCLB.506227.150	Flagellum matrix protein 458 (PKA-R)	-0,9897	1,714E-15
TcCLB.506939.220	mucin-associated surface protein (MASP), putative	-0,9905	0,0008041
TcCLB.511003.200	hypothetical protein, conserved	-0,9906	2,029E-12
TcCLB.506885.50	hypothetical protein, conserved	-0,9912	1,032E-23
TcCLB.510105.190	hypothetical protein, conserved	-0,9919	1,263E-14
TcCLB.506297.80	hypothetical protein, conserved	-0,9921	4,938E-26
TcCLB.506767.381	syntaxin binding protein (pseudogene), putative	-0,9924	0,005508
TcCLB.507037.70	hypothetical protein, conserved	-0,9927	1,525E-24
TcCLB.398915.5	trans-sialidase, putative (fragment)	-0,9931	1,748E-20
TcCLB.506871.60	hypothetical protein, conserved (pseudogene)	-0,9933	5,954E-20
TcCLB.508735.65	trans-sialidase (pseudogene), putative	-0,9938	5,015E-11
TcCLB.503407.10	hypothetical protein, conserved	-0,9941	1,441E-16
TcCLB.506961.25	trans-sialidase, Group I, putative	-0,9952	8,741E-14
TcCLB.509229.50	hypothetical protein	-0,9952	2,443E-08
TcCLB.504239.40	surface protease GP63 (pseudogene), putative	-0,9957	0,03742
TcCLB.508761.60	hypothetical protein (pseudogene)	-0,9964	0,0003975
TcCLB.510441.30	trans-sialidase (pseudogene), putative	-0,9967	2,147E-15
TcCLB.506321.90	syntaxin binding protein (pseudogene), putative	-0,9967	2,035E-06
TcCLB.508433.30	mucin-associated surface protein (MASP), putative	-0,9969	0,079
TcCLB.511255.580	mucin-associated surface protein (MASP, pseudogene), pi	-0,9972	0,001749
TcCLB.511063.110	mucin-associated surface protein (MASP, pseudogene), pi	-0,9984	0,002409
TcCLB.509571.70	hypothetical protein, conserved	-0,999	1,911E-24
TcCLB.507705.10	hypothetical protein, conserved	-1	3,31E-08
TcCLB.507951.60	hypothetical protein, conserved	-1,001	1,11E-27
TcCLB.506697.20	cyclic nucleotide phosphodiesterase	-1,001	3,899E-17
TcCLB.511859.140	hypothetical protein	-1,001	3,16E-14
TcCLB.511547.10	mucin-associated surface protein (MASP), putative	-1,001	0,005717

TcCLB.510209.18	mucin TcMUCII (pseudogene), putative	-1,001	0,006858
TcCLB.510611.10	hypothetical protein, conserved	-1,002	2,733E-20
TcCLB.509777.10	hypothetical protein	-1,003	0,00001171
TcCLB.506909.120	hypothetical protein	-1,003	0,01078
TcCLB.510057.4	hypothetical protein, conserved	-1,004	1,365E-14
TcCLB.511875.9	mucin-associated surface protein (MASP), putative	-1,004	5,431E-10
TcCLB.511725.80	hypothetical protein	-1,005	5,509E-23
TcCLB.510525.70	hypothetical protein, conserved	-1,005	1,182E-21
TcCLB.433673.10	trans-sialidase, putative (fragment)	-1,005	2,88E-18
TcCLB.508097.81	mucin TcMUCII, putative	-1,005	0,0003877
TcCLB.510889.200	hypothetical protein, conserved	-1,008	2,088E-26
TcCLB.506603.43	hypothetical protein	-1,008	2,445E-08
TcCLB.510629.270	syntaxin binding protein (pseudogene), putative	-1,009	0,02266
TcCLB.504223.20	amino acid permease, putative	-1,01	1,199E-09
TcCLB.510363.220	mucin-associated surface protein (MASP), putative	-1,012	0,001796
TcCLB.511077.150	hypothetical protein	-1,012	0,01149
TcCLB.508539.130	trans-sialidase (pseudogene), putative	-1,013	6,185E-10
TcCLB.508977.130	mucin-associated surface protein (MASP), putative	-1,013	2,112E-06
TcCLB.504021.90	hypothetical protein	-1,014	2,46E-15
TcCLB.511127.274	hypothetical protein, conserved	-1,014	1,939E-13
TcCLB.511107.5	mucin TcMUCII, putative	-1,014	4,815E-10
TcCLB.506967.140	mucin-associated surface protein (MASP, pseudogene), pi	-1,014	0,006609
TcCLB.401469.10	zinc finger protein 2, putative	-1,015	1,108E-23
TcCLB.506009.30	TPR-repeat-containing chaperone protein DNAJ, putative	-1,015	2,537E-23
TcCLB.509171.10	hypothetical protein, conserved	-1,015	8,216E-11
TcCLB.510835.10	hypothetical protein, conserved	-1,015	9,657E-06
TcCLB.510583.74	mucin-associated surface protein (MASP, pseudogene), pi	-1,015	0,0001727
TcCLB.510609.80	hypothetical protein, conserved	-1,016	1,116E-10
TcCLB.511625.160	hypothetical protein	-1,017	4,222E-06
TcCLB.511377.20	trans-sialidase (pseudogene), putative	-1,018	0,0007929
TcCLB.507259.16	protein kinase, putative (fragment)	-1,019	0,00172
TcCLB.504147.240	hypothetical protein, conserved	-1,02	1,182E-14
TcCLB.506757.30	hypothetical protein, conserved	-1,021	2,865E-27
TcCLB.504105.180	hypothetical protein, conserved	-1,021	1,713E-22
TcCLB.508871.150	mucin-associated surface protein (MASP), putative	-1,021	6,233E-09
TcCLB.503697.30	bilobe protein, conserved	-1,022	6,076E-34
TcCLB.510751.30	hypothetical protein	-1,022	8,192E-21
TcCLB.503893.140	hypothetical protein, conserved	-1,023	1,598E-19
TcCLB.506973.50	trans-sialidase (pseudogene), putative	-1,024	8,228E-06
TcCLB.510699.89	mucin-associated surface protein (MASP), putative	-1,024	0,001348
TcCLB.507483.60	translation-associated element 2, putative	-1,025	7,821E-35
TcCLB.510237.110	mucin TcMUCII, putative	-1,025	0,00002175
TcCLB.506321.150	surface protease GP63 (pseudogene), putative	-1,025	0,0002767
TcCLB.506613.30	hypothetical protein	-1,026	0,002587
TcCLB.510497.114	mucin-associated surface protein (MASP, pseudogene), pi	-1,026	0,004739

TcCLB.507067.70	hypothetical protein	-1,026	0,004746
TcCLB.509213.90	hypothetical protein, conserved	-1,027	8,325E-14
TcCLB.508431.60	hypothetical protein, conserved (pseudogene)	-1,027	7,225E-07
TcCLB.511189.70	hypothetical protein, conserved	-1,027	0,0009525
TcCLB.508245.21	surface protease GP63 (pseudogene), putative	-1,027	0,02936
TcCLB.510889.210	hypothetical protein, conserved	-1,028	1,269E-14
TcCLB.506599.35	hypothetical protein, conserved (pseudogene)	-1,028	0,00009048
TcCLB.506895.5	hypothetical protein	-1,028	0,005442
TcCLB.509083.9	ATP-dependent DEAD/H RNA helicase, putative	-1,029	2,432E-13
TcCLB.510279.90	mucin-associated surface protein (MASP, pseudogene), p	-1,029	0,0003241
TcCLB.507429.6	hypothetical protein	-1,029	0,009669
TcCLB.508761.270	mucin-associated surface protein (MASP), putative	-1,03	1,261E-07
TcCLB.511597.40	mucin-associated surface protein (MASP), putative	-1,03	0,002606
TcCLB.510257.30	ribulose-5-phosphate 3-epimerase, putative	-1,031	2,273E-15
TcCLB.506965.170	trans-sialidase, Group V, putative	-1,031	0,00000301
TcCLB.510167.37	trans-sialidase (pseudogene), putative	-1,031	0,0006231
TcCLB.509685.20	syntaxin binding protein (pseudogene), putative	-1,031	0,001635
TcCLB.504219.10	hypothetical protein, conserved (pseudogene)	-1,032	0,007032
TcCLB.507065.108	mucin-associated surface protein (MASP, pseudogene), p	-1,033	0,00006725
TcCLB.504201.44	mucin TcMUCII, putative	-1,033	0,005056
TcCLB.510279.50	mucin TcMUCII (pseudogene), putative	-1,033	0,005769
TcCLB.509195.50	mucin-associated surface protein (MASP), putative	-1,034	5,163E-07
TcCLB.503717.50	mucin TcMUCII (pseudogene), putative	-1,034	0,0003016
TcCLB.509525.244	hypothetical protein	-1,034	0,01467
TcCLB.510129.30	procyclic form surface phosphoprotein, putative	-1,035	5,001E-27
TcCLB.508993.20	homocysteine S-methyltransferase, putative	-1,035	1,973E-17
TcCLB.508909.10	OSM3-like kinesin, putative	-1,036	1,968E-26
TcCLB.509605.20	hypothetical protein, conserved	-1,037	3,306E-29
TcCLB.508557.20	amino acid transporter, putative	-1,038	2,467E-13
TcCLB.506297.250	palmitoyl acyltransferase 7, putative	-1,039	9,381E-33
TcCLB.510361.240	mucin-associated surface protein (MASP, pseudogene), p	-1,039	0,0003567
TcCLB.508883.20	hypothetical protein	-1,039	0,003983
TcCLB.507965.10	receptor-type adenylate cyclase, putative	-1,041	1,107E-15
TcCLB.506423.10	mucin-associated surface protein (MASP), putative	-1,041	0,0004058
TcCLB.507611.131	protein kinase (pseudogene), putative	-1,042	2,834E-13
TcCLB.507979.30	trans-sialidase, Group I, putative	-1,042	2,451E-11
TcCLB.510503.89	mucin-associated surface protein (MASP, pseudogene), p	-1,042	0,01464
TcCLB.510187.370	hypothetical protein, conserved	-1,043	5,252E-18
TcCLB.511395.120	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, p	-1,043	2,828E-07
TcCLB.511277.470	hypothetical protein, conserved	-1,044	1,387E-10
TcCLB.511385.40	hypothetical protein	-1,044	6,62E-08
TcCLB.411427.10	hypothetical protein, conserved	-1,044	8,327E-07
TcCLB.506329.50	mucin TcMUCII, putative	-1,044	0,002384
TcCLB.506499.10	hypothetical protein, conserved (pseudogene)	-1,044	0,01417
TcCLB.509663.60	retrotransposon hot spot protein (RHS, pseudogene), puta	-1,045	1,436E-16

TcCLB.508999.80	mucin-associated surface protein (MASP), putative	-1,045	0,006894
TcCLB.507607.10	surface protease GP63 (pseudogene), putative	-1,045	0,02077
TcCLB.511149.50	mucin TcMUCII, putative	-1,047	0,0009643
TcCLB.506741.40	mucin TcMUCII (pseudogene), putative	-1,047	0,003459
TcCLB.507847.30	mucin TcMUCII (pseudogene), putative	-1,048	0,00002911
TcCLB.511183.505	trans-sialidase (pseudogene), putative	-1,05	0,0005326
TcCLB.507937.10	mucin TcMUCII, putative	-1,05	0,0114
TcCLB.511303.9	hypothetical protein, conserved	-1,051	4,831E-18
TcCLB.510729.30	hypothetical protein, conserved	-1,051	8,272E-17
TcCLB.506227.205	hypothetical protein, conserved	-1,051	1,59E-16
TcCLB.503587.3	mucin TcMUC (pseudogene), putative	-1,051	0,01794
TcCLB.510885.70	hypothetical protein, conserved	-1,052	7,073E-25
TcCLB.509639.10	procyclic form surface phosphoprotein, putative	-1,052	1,941E-21
TcCLB.506229.70	ATP-dependent DEAD/H RNA helicase, putative	-1,053	3,389E-18
TcCLB.506843.120	trans-sialidase (pseudogene), putative	-1,053	2,491E-07
TcCLB.503779.10	hypothetical protein, conserved	-1,054	1,955E-13
TcCLB.511599.85	elongation factor 1-gamma (EF-1-gamma, pseudogene),	-1,055	0,0276
TcCLB.509791.30	hypothetical protein, conserved	-1,056	1,574E-34
TcCLB.511555.110	hypothetical protein, conserved	-1,056	4,241E-29
TcCLB.506755.5	hypothetical protein, conserved	-1,056	8,024E-08
TcCLB.508887.24	mucin-associated surface protein (MASP, pseudogene), pi	-1,056	0,006923
TcCLB.507859.80	trans-sialidase (pseudogene), putative	-1,056	0,01471
TcCLB.510809.10	mucin TcMUCII, putative	-1,057	0,0001815
TcCLB.508277.110	cAMP specific phosphodiesterase, putative	-1,058	2,042E-16
TcCLB.504005.6	RNA-binding protein, putative	-1,058	1,47E-13
TcCLB.511051.30	nucleobase transporter, putative	-1,059	1,063E-28
TcCLB.508221.970	mucin-associated surface protein (MASP), putative	-1,059	8,518E-07
TcCLB.506909.46	hypothetical protein	-1,06	7,315E-06
TcCLB.510021.140	mucin TcMUCII (pseudogene), putative	-1,06	0,00003644
TcCLB.508541.40	surface protease GP63 (pseudogene), putative	-1,06	0,00006288
TcCLB.507877.10	mucin-associated surface protein (MASP, pseudogene), pi	-1,06	0,0006088
TcCLB.508717.60	trans-sialidase, Group I, putative	-1,061	2,161E-09
TcCLB.511629.40	hypothetical protein, conserved	-1,062	1,6E-14
TcCLB.507059.20	trans-sialidase, Group V, putative	-1,062	5,052E-10
TcCLB.510205.15	mucin TcMUCII (pseudogene), putative	-1,062	0,0002606
TcCLB.510275.283	mucin TcMUCII (pseudogene), putative	-1,062	0,001616
TcCLB.510443.20	hypothetical protein, conserved	-1,063	3,198E-20
TcCLB.507669.150	glycosomal membrane protein, putative	-1,064	1,172E-15
TcCLB.507683.10	hypothetical protein, conserved	-1,064	2,346E-13
TcCLB.509553.20	ATP-dependent chaperone, putative	-1,065	6,411E-19
TcCLB.511753.50	hypothetical protein, conserved	-1,065	1,637E-13
TcCLB.506209.50	trans-sialidase (pseudogene), putative	-1,065	4,098E-09
TcCLB.511183.610	hypothetical protein	-1,065	0,003296
TcCLB.510173.20	hypothetical protein, conserved	-1,066	1,309E-15
TcCLB.506265.180	hypothetical protein, conserved	-1,066	5,027E-11

TcCLB.508723.50	hypothetical protein, conserved	-1,067	2,243E-29
TcCLB.503989.10	zinc finger protein 2, putative	-1,068	9,533E-26
TcCLB.511611.40	hypothetical protein	-1,068	0,0004654
TcCLB.508209.10	hypothetical protein, conserved (pseudogene)	-1,069	2,18E-08
TcCLB.506865.79	hypothetical protein, conserved (fragment)	-1,069	0,0001826
TcCLB.507185.26	mucin-associated surface protein (MASP, pseudogene), pi	-1,071	1,128E-14
TcCLB.503887.79	hypothetical protein, conserved	-1,072	1,849E-18
TcCLB.504031.30	mucin-associated surface protein (MASP), putative	-1,072	1,185E-10
TcCLB.510583.80	surface protease GP63 (pseudogene), putative	-1,072	0,0002643
TcCLB.509399.120	hypothetical protein, conserved	-1,073	1,589E-35
TcCLB.510889.330	hypothetical protein, conserved	-1,073	4,679E-19
TcCLB.511127.420	hypothetical protein, conserved	-1,074	1,219E-21
TcCLB.506803.20	trans-sialidase (pseudogene), putative	-1,074	2,058E-15
TcCLB.511843.30	trans-sialidase (pseudogene), putative	-1,074	0,0003101
TcCLB.503779.50	hypothetical protein, conserved	-1,075	6,438E-12
TcCLB.510885.110	hypothetical protein, conserved	-1,076	2,256E-33
TcCLB.509975.41	mucin TcMUC, putative	-1,076	6,635E-07
TcCLB.508219.20	trans-sialidase, Group V, putative	-1,076	3,951E-06
TcCLB.506465.5	hypothetical protein	-1,078	1,134E-13
TcCLB.510643.90	mucin-associated surface protein (MASP, pseudogene), pi	-1,078	4,368E-13
TcCLB.511233.170	elongation factor 1-gamma (EF-1-gamma, pseudogene),	-1,078	0,008125
TcCLB.511837.110	hypothetical protein, conserved	-1,079	6,731E-28
TcCLB.510335.10	hypothetical protein, conserved	-1,081	2,331E-28
TcCLB.503973.240	mucin-associated surface protein (MASP), putative	-1,081	0,00001791
TcCLB.510197.229	trans-sialidase, putative	-1,082	5,728E-09
TcCLB.510621.70	mucin TcMUCII, putative	-1,082	0,0006706
TcCLB.511171.90	mucin-associated surface protein (MASP), putative	-1,082	0,006102
TcCLB.508365.140	hypothetical protein	-1,083	0,00001854
TcCLB.508509.70	mucin TcMUCII, putative	-1,083	0,01183
TcCLB.509113.10	mucin-associated surface protein (MASP, pseudogene), pi	-1,084	2,271E-06
TcCLB.506269.59	hypothetical protein (pseudogene)	-1,086	7,729E-11
TcCLB.503841.70	aspartate aminotransferase, putative	-1,086	5,454E-09
TcCLB.508221.750	trans-sialidase, Group V, putative	-1,086	1,569E-06
TcCLB.510279.349	mucin-associated surface protein (MASP), putative	-1,086	0,000495
TcCLB.508885.20	mucin TcMUCI, putative	-1,086	0,003824
TcCLB.508153.230	hypothetical protein, conserved	-1,087	1,85E-30
TcCLB.511725.30	hypothetical protein, conserved	-1,087	1,658E-12
TcCLB.503827.87	hypothetical protein, conserved (pseudogene)	-1,087	0,001436
TcCLB.509697.15	mucin-associated surface protein (MASP, pseudogene), pi	-1,087	0,003062
TcCLB.511127.150	hypothetical protein, conserved	-1,089	6,597E-25
TcCLB.509395.40	hypothetical protein, conserved	-1,089	3,868E-14
TcCLB.504213.100	hypothetical protein, conserved	-1,09	4,877E-15
TcCLB.511163.20	cdc2-related kinase 8, putative (CRK8)	-1,091	8,718E-25
TcCLB.506457.4	hypothetical protein, conserved	-1,091	0,0000233
TcCLB.508161.26	mucin TcMUCII (pseudogene), putative	-1,091	0,0003956



TcCLB.510833.10	trans-sialidase, putative	-1,091	0,0004571
TcCLB.503479.60	surface protease GP63, putative	-1,092	2,959E-12
TcCLB.511277.110	citrate synthase, putative	-1,092	0,0000154
TcCLB.508089.10	trans-sialidase, Group I, putative	-1,093	1,78E-16
TcCLB.508175.370	glutamine synthetase, putative	-1,093	2,209E-14
TcCLB.507041.60	syntaxin binding protein (pseudogene), putative	-1,094	7,055E-11
TcCLB.508873.390	trans-sialidase, Group V, putative	-1,094	5,529E-07
TcCLB.510089.5	mucin TcMUCII (pseudogene), putative	-1,095	0,02027
TcCLB.507933.29	hypothetical protein, conserved (fragment)	-1,096	1,936E-08
TcCLB.404073.10	hypothetical protein, conserved	-1,097	2,771E-07
TcCLB.506269.25	hypothetical protein	-1,098	0,00001507
TcCLB.510621.30	mucin TcMUCII, putative	-1,099	0,001297
TcCLB.511117.30	trans-sialidase, Group II, putative	-1,1	3,097E-09
TcCLB.506319.40	hypothetical protein	-1,1	0,00001398
TcCLB.506595.21	hypothetical protein	-1,101	6,972E-16
TcCLB.506001.40	trans-sialidase, Group V, putative	-1,101	1,158E-09
TcCLB.506767.127	hypothetical protein, conserved (pseudogene)	-1,101	0,009557
TcCLB.511255.540	mucin-associated surface protein (MASP), putative	-1,102	0,0002425
TcCLB.507859.101	hypothetical protein, conserved (pseudogene)	-1,103	0,002161
TcCLB.504239.365	surface protease GP63 (pseudogene), putative	-1,103	0,01196
TcCLB.510693.50	trans-sialidase (pseudogene), putative	-1,104	0,00001185
TcCLB.433237.10	hypothetical protein	-1,104	0,01257
TcCLB.506765.46	mucin-associated surface protein (MASP, pseudogene), pu	-1,105	3,561E-15
TcCLB.508927.10	hypothetical protein, conserved	-1,105	7,85E-15
TcCLB.511259.9	mucin TcMUCl, putative	-1,105	0,01333
TcCLB.511505.30	hypothetical protein, conserved	-1,106	2,006E-16
TcCLB.506905.10	hypothetical protein, conserved	-1,106	1,028E-14
TcCLB.510197.64	mucin-associated surface protein (MASP, pseudogene), pu	-1,106	4,737E-09
TcCLB.506321.101	hypothetical protein, conserved (pseudogene)	-1,106	0,00007686
TcCLB.508175.9	hypothetical protein, conserved (fragment)	-1,108	1,967E-22
TcCLB.508873.70	mucin-associated surface protein (MASP, pseudogene), pu	-1,108	0,00001946
TcCLB.508777.200	hypothetical protein, conserved	-1,109	2,047E-08
TcCLB.509525.210	hypothetical protein	-1,109	0,00002082
TcCLB.503601.20	hypothetical protein	-1,11	0,00007261
TcCLB.511099.180	trans-sialidase (pseudogene), putative	-1,11	0,0002794
TcCLB.507283.39	trans-sialidase (pseudogene), putative	-1,112	1,533E-23
TcCLB.506351.35	hypothetical protein, conserved	-1,112	1,942E-11
TcCLB.509993.20	mucin TcMUCl, putative	-1,112	1,363E-07
TcCLB.510275.21	surface protease GP63 (pseudogene), putative	-1,112	0,005138
TcCLB.504021.10	G1 cyclin CycE4, putative (CYC5)	-1,113	1,257E-37
TcCLB.507951.150	guanine deaminase, putative	-1,113	2,027E-31
TcCLB.509897.160	trans-sialidase (pseudogene), putative	-1,113	2,961E-11
TcCLB.509261.40	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, p	-1,113	3,507E-09
TcCLB.510555.10	mucin-associated surface protein (MASP, pseudogene), pu	-1,113	2,251E-06
TcCLB.511367.330	hypothetical protein, conserved	-1,114	4,206E-15

TcCLB.508071.60	mucin-associated surface protein (MASP), putative	-1,114	7,061E-15
TcCLB.506955.170	trans-sialidase (pseudogene), putative	-1,114	1,311E-07
TcCLB.511403.40	mucin-associated surface protein (MASP, pseudogene), pu	-1,114	0,0001221
TcCLB.506001.24	hypothetical protein (pseudogene)	-1,114	0,01756
TcCLB.509293.10	mucin TcMUCII, putative	-1,115	4,995E-09
TcCLB.511149.4	mucin-associated surface protein (MASP, pseudogene), pu	-1,115	0,0003495
TcCLB.410275.9	mucin-associated surface protein (MASP), putative	-1,115	0,06375
TcCLB.511173.150	mucin-associated surface protein (MASP), putative	-1,117	6,186E-08
TcCLB.510393.10	hypothetical protein, conserved	-1,118	1,644E-20
TcCLB.486901.10	endonuclease/exonuclease/phosphatase, putative	-1,118	1,186E-12
TcCLB.508461.70	hypothetical protein	-1,118	6,972E-12
TcCLB.508367.70	trans-sialidase (pseudogene), putative	-1,118	0,00001084
TcCLB.506461.10	hypothetical protein, conserved	-1,118	0,01274
TcCLB.506755.240	hypothetical protein, conserved	-1,119	6,276E-09
TcCLB.506993.86	mucin-associated surface protein (MASP, pseudogene), pu	-1,119	0,00001015
TcCLB.507809.119	hypothetical protein, conserved	-1,112	7,491E-32
TcCLB.507021.30	hypothetical protein, conserved	-1,112	6,279E-17
TcCLB.503825.10	protein kinase (pseudogene), putative	-1,112	2,652E-14
TcCLB.506279.90	mucin TcMUCII, putative	-1,112	0,002212
TcCLB.510465.110	mucin-associated surface protein (MASP, pseudogene), pu	-1,121	1,988E-06
TcCLB.508121.155	mucin TcMUCII (pseudogene), putative	-1,121	0,0002544
TcCLB.506409.110	hypothetical protein	-1,122	1,956E-07
TcCLB.508865.2	hypothetical protein, conserved (fragment)	-1,125	0,0002543
TcCLB.508895.20	hypothetical protein, conserved	-1,126	3,928E-35
TcCLB.511553.71	syntaxin binding protein (pseudogene), putative	-1,126	0,00001436
TcCLB.510681.30	lipase, putative	-1,127	3,431E-23
TcCLB.503463.30	protein kinase, putative	-1,127	1,346E-21
TcCLB.511451.90	mucin-associated surface protein (MASP), putative	-1,127	0,000152
TcCLB.504039.140	surface protease GP63 (pseudogene), putative	-1,127	0,001549
TcCLB.509399.100	hypothetical protein, conserved	-1,129	1,04E-43
TcCLB.509977.90	hypothetical protein	-1,129	1,019E-21
TcCLB.507073.20	hypothetical protein, conserved	-1,129	2,518E-14
TcCLB.505959.10	mucin TcMUCII, putative	-1,129	0,00008026
TcCLB.511553.80	hypothetical protein, conserved	-1,113	0,002982
TcCLB.507015.30	trans-sialidase (pseudogene), putative	-1,131	2,634E-16
TcCLB.508011.99	mucin TcMUCII (pseudogene), putative	-1,131	0,001958
TcCLB.509767.20	hypothetical protein, conserved	-1,132	1,131E-13
TcCLB.510583.180	mucin-associated surface protein (MASP, pseudogene), pu	-1,132	0,000135
TcCLB.508435.30	mucin-associated surface protein (MASP, pseudogene), pu	-1,132	0,0002406
TcCLB.508761.110	trans-sialidase, Group VI, putative	-1,133	1,238E-08
TcCLB.510625.130	hypothetical protein	-1,133	0,01192
TcCLB.507357.71	hypothetical protein	-1,134	0,0004684
TcCLB.504153.260	hypothetical protein, conserved	-1,135	8,989E-48
TcCLB.509275.20	mucin-associated surface protein (MASP), putative (fragn	-1,135	0,00001361
TcCLB.510807.20	hypothetical protein	-1,135	0,001139

TcCLB.510575.160	hypothetical protein	-1,136	1,039E-23
TcCLB.506435.200	hypothetical protein, conserved	-1,136	2,834E-18
TcCLB.508883.15	trans-sialidase (pseudogene), putative	-1,136	0,003189
TcCLB.506755.140	ATP-dependent helicase, putative	-1,137	1,181E-33
TcCLB.506905.4	proliferator-activated receptor-interacting protein (PRIP) i	-1,137	1,528E-12
TcCLB.510709.60	mucin-associated surface protein (MASP), putative	-1,137	0,03416
TcCLB.511183.280	mucin-associated surface protein (MASP), putative	-1,138	8,345E-06
TcCLB.464415.10	hypothetical protein	-1,138	0,0001113
TcCLB.508741.20	hypothetical protein, conserved	-1,139	4,738E-18
TcCLB.507411.10	trans-sialidase, Group V, putative	-1,139	2,381E-10
TcCLB.507835.35	trans-sialidase (pseudogene), putative	-1,139	2,797E-07
TcCLB.510397.20	trans-sialidase (pseudogene), putative	-1,139	0,0001395
TcCLB.507683.34	hypothetical protein, conserved	-1,14	2,121E-12
TcCLB.507835.10	trans-sialidase (pseudogene), putative	-1,141	4,073E-15
TcCLB.511077.160	mucin TcMUCII, putative	-1,141	0,0003503
TcCLB.508359.50	mucin TcMUCII, putative	-1,141	0,001387
TcCLB.504081.409	mucin TcMUCII (pseudogene), putative	-1,141	0,008497
TcCLB.503579.10	hypothetical protein, conserved	-1,142	2,092E-26
TcCLB.506609.50	hypothetical protein	-1,142	0,0003864
TcCLB.506909.90	mucin-associated surface protein (MASP, pseudogene), pu	-1,142	0,000478
TcCLB.511061.20	mucin-associated surface protein (MASP, pseudogene), pu	-1,142	0,002102
TcCLB.507641.104	small GTPase, putative	-1,143	3,127E-20
TcCLB.510061.11	mucin-associated surface protein (MASP), putative	-1,143	6,442E-07
TcCLB.503497.10	mucin-associated surface protein (MASP, pseudogene), pu	-1,144	2,652E-15
TcCLB.504787.90	mucin-associated surface protein (MASP, pseudogene), pu	-1,144	1,971E-10
TcCLB.504209.10	conserved protein, unknown function	-1,145	1,666E-15
TcCLB.506585.100	hypothetical protein	-1,145	5,602E-10
TcCLB.507537.40	metacaspase, putative	-1,145	9,124E-08
TcCLB.507771.85	hypothetical protein	-1,146	4,072E-15
TcCLB.507213.40	trans-sialidase, Group II, putative	-1,146	0,00001209
TcCLB.506247.355	hypothetical protein, conserved	-1,148	2,947E-13
TcCLB.505997.65	trans-sialidase (pseudogene), putative	-1,148	2,115E-12
TcCLB.505949.169	mucin-associated surface protein (MASP), putative (fragn	-1,148	0,006154
TcCLB.504071.110	ama1 protein, putative	-1,149	4,204E-10
TcCLB.507729.50	mucin-associated surface protein (MASP), putative (fragn	-1,149	1,336E-08
TcCLB.510759.190	hypothetical protein, conserved	-1,15	1,877E-41
TcCLB.506789.20	trans-sialidase, Group V, putative	-1,15	0,0001092
TcCLB.510491.60	trans-sialidase, Group IV, putative	-1,151	4,022E-14
TcCLB.511255.169	mucin-associated surface protein (MASP), putative	-1,151	0,00007182
TcCLB.507059.50	trans-sialidase, Group V, putative	-1,152	2,345E-10
TcCLB.511163.50	hypothetical protein, conserved	-1,153	1,294E-24
TcCLB.508933.40	hypothetical protein	-1,154	6,641E-10
TcCLB.503867.5	hypothetical protein, conserved	-1,154	2,494E-07
TcCLB.508777.150	hypothetical protein	-1,155	6,057E-22
TcCLB.509217.40	trans-sialidase, Group V, putative	-1,155	6,424E-10

TcCLB.504031.40	hypothetical protein	-1,155	0,0003726
TcCLB.506599.91	surface protease GP63 (pseudogene), putative	-1,155	0,002827
TcCLB.506989.300	receptor-type adenylate cyclase (pseudogene), putative	-1,156	5,438E-36
TcCLB.508323.90	hypothetical protein, conserved	-1,156	3,486E-12
TcCLB.508433.90	mucin-associated surface protein (MASP), putative	-1,156	0,02663
TcCLB.509419.150	mucin-associated surface protein (MASP), putative	-1,157	1,271E-08
TcCLB.506965.90	mucin TcMUCII, putative	-1,157	4,022E-07
TcCLB.510377.190	mucin TcMUCII, putative	-1,158	5,985E-08
TcCLB.503733.20	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase, pu	-1,159	4,423E-31
TcCLB.511259.130	mucin TcMUCII, putative	-1,159	1,505E-06
TcCLB.506139.130	hypothetical protein	-1,159	0,002209
TcCLB.506297.50	kinesin, putative	-1,161	8,384E-63
TcCLB.503609.50	trans-sialidase, Group VI, putative	-1,161	2,617E-09
TcCLB.511057.20	mucin TcMUCII, putative	-1,161	9,445E-07
TcCLB.504765.15	succinyl-coA:3-ketoacid-coenzyme A transferase (pseudog	-1,163	6,275E-14
TcCLB.506495.50	hypothetical protein	-1,164	2,228E-19
TcCLB.511649.100	amino acid permease, putative	-1,164	1,331E-18
TcCLB.511167.60	hypothetical protein, conserved	-1,165	3,466E-47
TcCLB.507941.60	hypothetical protein, conserved	-1,167	2,047E-15
TcCLB.509681.10	hypothetical protein, conserved	-1,167	0,0003679
TcCLB.506501.177	hypothetical protein, conserved (pseudogene)	-1,167	0,002765
TcCLB.507681.100	ATP-binding cassette protein, putative	-1,168	1,583E-22
TcCLB.506487.50	trans-sialidase (pseudogene), putative	-1,168	1,927E-20
TcCLB.507809.140	hypothetical protein, conserved	-1,169	2,716E-16
TcCLB.503973.50	mucin-associated surface protein (MASP), putative	-1,169	0,0000158
TcCLB.503533.40	mucin-associated surface protein (MASP), putative	-1,169	0,001914
TcCLB.505699.10	trans-sialidase, putative	-1,17	8,91E-16
TcCLB.509937.120	hypothetical protein, conserved	-1,17	8,479E-11
TcCLB.510089.20	surface protease GP63, putative	-1,17	0,09569
TcCLB.509333.10	trans-sialidase, Group III, putative	-1,171	9,41E-37
TcCLB.506653.40	trans-sialidase (pseudogene), putative	-1,172	2,87E-24
TcCLB.509505.60	hypothetical protein	-1,172	9,804E-24
TcCLB.509429.300	hypothetical protein, conserved	-1,173	4,082E-27
TcCLB.510163.40	surface protease GP63 (pseudogene), putative	-1,173	2,096E-26
TcCLB.507015.59	expression site-associated gene (ESAG-like, pseudogene),	-1,174	3,235E-16
TcCLB.508409.160	thymine-7-hydroxylase, putative	-1,174	7,387E-16
TcCLB.509685.27	surface protease GP63 (pseudogene), putative	-1,174	0,001074
TcCLB.511365.90	hypothetical protein, conserved	-1,175	1,806E-29
TcCLB.506767.209	syntaxin binding protein (pseudogene), putative	-1,175	0,0001615
TcCLB.510275.80	trans-sialidase (pseudogene), putative	-1,177	1,345E-07
TcCLB.509515.20	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, p	-1,177	0,00007427
TcCLB.507677.140	hypothetical protein, conserved	-1,177	0,008372
TcCLB.511197.40	trans-sialidase (pseudogene), putative	-1,179	8,095E-12
TcCLB.506335.20	trans-sialidase (pseudogene), putative	-1,179	6,398E-09
TcCLB.508305.9	trans-sialidase, putative	-1,179	9,094E-07

TcCLB.509081.40	surface protease GP63 (pseudogene), putative	-1,179	0,00003418
TcCLB.510291.14	mitochondrial carrier protein, putative	-1,18	1,083E-23
TcCLB.506763.361	syntaxin binding protein (pseudogene), putative	-1,18	0,0001509
TcCLB.508659.18	mitochondrial carrier protein, putative	-1,181	3,686E-22
TcCLB.508029.59	kinesin, putative	-1,181	1,673E-11
TcCLB.507255.50	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, $\rho$	-1,182	8,944E-12
TcCLB.507915.10	hypothetical protein, conserved	-1,182	5,034E-11
TcCLB.509663.30	thymidylate kinase, putative	-1,182	6,417E-11
TcCLB.507943.60	hypothetical protein, conserved	-1,183	4,046E-31
TcCLB.507145.84	mucin-associated surface protein (MASP, pseudogene), $\rho$	-1,183	3,225E-11
TcCLB.510625.30	mucin-associated surface protein (MASP, pseudogene), $\rho$	-1,183	7,486E-07
TcCLB.510715.140	mucin-associated surface protein (MASP, pseudogene), $\rho$	-1,183	1,339E-06
TcCLB.507973.20	hypothetical protein	-1,183	0,00000163
TcCLB.510139.20	surface protease GP63, putative	-1,184	1,3E-13
TcCLB.505609.40	trans-sialidase, Group V, putative	-1,184	0,0001283
TcCLB.506457.50	serine/threonine protein kinase, putative	-1,185	1,933E-29
TcCLB.438923.10	hypothetical protein (fragment)	-1,185	7,433E-23
TcCLB.506741.10	trans-sialidase (pseudogene), putative	-1,185	7,82E-14
TcCLB.506751.50	trans-sialidase, Group II, putative	-1,186	7,85E-12
TcCLB.506353.10	trans-sialidase, Group II, putative	-1,186	6,852E-08
TcCLB.511057.15	hypothetical protein	-1,186	0,00001585
TcCLB.508701.10	ZIP Zn transporter, putative	-1,187	9,934E-16
TcCLB.507165.50	cysteine synthase, putative	-1,187	4,614E-15
TcCLB.510887.40	hypothetical protein, conserved	-1,189	1,217E-21
TcCLB.506337.171	ubiquitin (pseudogene), putative	-1,189	3,293E-08
TcCLB.511553.180	hypothetical protein	-1,189	0,007146
TcCLB.511871.70	hypothetical protein, conserved	-1,191	3,305E-21
TcCLB.510699.20	mucin-associated surface protein (MASP, pseudogene), $\rho$	-1,191	1,064E-12
TcCLB.506767.10	hypothetical protein, conserved (pseudogene)	-1,191	0,00172
TcCLB.509317.100	hypothetical protein, conserved	-1,192	5,703E-22
TcCLB.506393.40	trans-sialidase (pseudogene), putative	-1,193	0,002275
TcCLB.506603.35	trans-sialidase (pseudogene), putative	-1,194	6,517E-13
TcCLB.511373.20	mucin TcMUCII, putative	-1,194	2,333E-12
TcCLB.503697.120	hypothetical protein, conserved	-1,195	3,366E-41
TcCLB.511529.59	hypothetical protein	-1,195	4,179E-23
TcCLB.510239.80	trans-sialidase, Group V, putative	-1,195	1,063E-08
TcCLB.510011.9	mucin-associated surface protein (MASP), putative	-1,195	3,808E-06
TcCLB.507681.230	hypothetical protein, conserved	-1,196	2,157E-29
TcCLB.509295.30	trans-sialidase (pseudogene), putative	-1,196	6,804E-12
TcCLB.507237.10	trans-sialidase, Group V, putative	-1,197	2,439E-08
TcCLB.463297.10	hypothetical protein (fragment)	-1,197	5,069E-07
TcCLB.507711.110	procyclic form surface phosphoprotein, putative	-1,198	2,925E-23
TcCLB.508593.130	hypothetical protein, conserved	-1,2	6,816E-48
TcCLB.507507.20	ADP-ribosylation factor GTPase activating protein 1, putat	-1,201	2,894E-25
TcCLB.511593.80	mucin-associated surface protein (MASP), putative	-1,201	4,006E-15

TcCLB.427789.20	Paraflagellar Rod Proteome Component 9, putative (PFC9)	-1,201	2,556E-14
TcCLB.510887.60	hypothetical protein, conserved	-1,202	1,299E-26
TcCLB.511461.30	hypothetical protein, conserved	-1,202	5,516E-10
TcCLB.509897.110	trans-sialidase, Group V, putative	-1,203	3,423E-15
TcCLB.508221.1010	mucin-associated surface protein (MASP), putative	-1,203	3,005E-14
TcCLB.510013.13	syntaxin binding protein (pseudogene), putative	-1,204	0,0001199
TcCLB.510363.280	mucin-associated surface protein (MASP), putative	-1,204	0,0002783
TcCLB.510305.30	lipin, putative	-1,205	1,633E-49
TcCLB.508871.100	hypothetical protein	-1,205	0,01418
TcCLB.511907.180	surface protease GP63 (pseudogene), putative	-1,206	1,282E-10
TcCLB.508219.60	mucin TcMUCII (pseudogene), putative	-1,206	0,0001749
TcCLB.511025.30	mitogen-activated protein kinase, putative	-1,207	7,537E-34
TcCLB.510173.10	hypothetical protein, conserved	-1,207	7,219E-24
TcCLB.511877.20	mucin-associated surface protein (MASP), putative	-1,207	5,434E-16
TcCLB.507799.10	mannosyl-oligosaccharide 1,2-alpha-mannosidase IB, putative	-1,207	6,233E-09
TcCLB.505479.10	mucin-associated surface protein (MASP, pseudogene), putative	-1,207	0,0008255
TcCLB.503717.40	mucin-associated surface protein (MASP, pseudogene), putative	-1,208	3,38E-08
TcCLB.511173.380	mucin TcMUCII (pseudogene), putative	-1,208	0,001763
TcCLB.506767.371	hypothetical protein, conserved (pseudogene)	-1,208	0,00593
TcCLB.511821.150	hypothetical protein, conserved	-1,209	1,855E-27
TcCLB.508159.60	mucin TcMUCII, putative	-1,21	3,583E-07
TcCLB.510015.5	hypothetical protein, conserved (pseudogene)	-1,21	0,00005963
TcCLB.508389.138	mucin TcMUCII, putative	-1,21	0,0003836
TcCLB.506693.30	RNA-binding protein 6, putative	-1,21	0,0004234
TcCLB.507251.10	hypothetical protein, conserved	-1,211	3,419E-29
TcCLB.507811.100	amino acid permease, putative	-1,212	6,233E-09
TcCLB.511553.60	hypothetical protein	-1,213	0,00005991
TcCLB.506601.21	syntaxin binding protein (pseudogene), putative	-1,213	0,00025
TcCLB.504039.80	surface protease GP63 (pseudogene), putative	-1,213	0,0006725
TcCLB.507173.30	mucin-associated surface protein (MASP, pseudogene), putative	-1,214	2,584E-08
TcCLB.507241.30	arginine kinase	-1,214	3,86E-07
TcCLB.506229.64	hypothetical protein, conserved	-1,215	5,103E-16
TcCLB.508707.50	hypothetical protein, conserved	-1,216	1,735E-30
TcCLB.511151.60	hypothetical protein	-1,218	6,639E-35
TcCLB.508163.270	mucin-associated surface protein (MASP), putative	-1,218	9,704E-07
TcCLB.511867.10	hypothetical protein, conserved	-1,219	2,837E-33
TcCLB.506519.140	hypothetical protein, conserved (pseudogene)	-1,219	7,316E-27
TcCLB.508605.31	trans-sialidase (pseudogene), putative	-1,219	4,767E-24
TcCLB.509251.80	trans-sialidase, Group V, putative	-1,219	9,291E-11
TcCLB.507237.310	surface protease GP63 (pseudogene), putative	-1,219	0,00005204
TcCLB.507559.110	surface protease GP63, putative	-1,22	4,142E-18
TcCLB.506667.40	mucin-associated surface protein (MASP), putative	-1,22	0,0002433
TcCLB.503795.10	hypothetical protein, conserved	-1,222	0,00002764
TcCLB.510047.70	hypothetical protein (pseudogene)	-1,224	0,000126
TcCLB.510627.60	mucin-associated surface protein (MASP), putative	-1,225	0,0005231

TcCLB.506741.150	surface protease GP63 (pseudogene), putative	-1,225	0,004824
TcCLB.504005.60	hypothetical protein, conserved	-1,226	1,169E-12
TcCLB.509085.31	trans-sialidase (pseudogene), putative	-1,226	3,209E-09
TcCLB.508739.60	histone H4, putative	-1,227	8,98E-20
TcCLB.506133.125	hypothetical protein, conserved (pseudogene)	-1,227	0,007705
TcCLB.511175.40	mucin TcMUCII, putative	-1,229	1,577E-10
TcCLB.503531.10	hypothetical protein, conserved	-1,229	3,271E-07
TcCLB.508325.290	trans-sialidase (pseudogene), putative	-1,23	3,724E-48
TcCLB.506813.59	mucin TcMUC (pseudogene), putative	-1,232	3,823E-06
TcCLB.510889.290	hypothetical protein	-1,233	1,354E-16
TcCLB.506499.60	hypothetical protein	-1,233	0,005997
TcCLB.510679.70	lipase, putative	-1,234	1,018E-10
TcCLB.508409.310	hypothetical protein, conserved	-1,235	2,764E-25
TcCLB.506965.160	hypothetical protein	-1,235	0,00003296
TcCLB.511233.150	hypothetical protein	-1,236	0,0004182
TcCLB.506763.140	hypothetical protein	-1,236	0,004012
TcCLB.504197.10	hypothetical protein	-1,237	0,001331
TcCLB.510085.54	mucin TcMUCII (pseudogene), putative	-1,239	0,00002367
TcCLB.507677.150	G1 cyclin CycE4, putative (CYC5)	-1,24	7,831E-36
TcCLB.508673.20	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, $\beta$	-1,24	1,507E-22
TcCLB.504239.161	mucin-associated surface protein (MASP, pseudogene), $\mu$	-1,24	5,949E-06
TcCLB.511565.15	hypothetical protein	-1,24	0,00001623
TcCLB.509937.130	protein kinase, putative	-1,24	0,006484
TcCLB.505267.60	trans-sialidase (pseudogene), putative	-1,241	2,544E-48
TcCLB.506705.70	beta-fructofuranosidase-like protein (fragment)	-1,241	2,514E-28
TcCLB.507471.31	elongation factor 1-gamma (EF-1-gamma, pseudogene), $\mu$	-1,241	0,005325
TcCLB.511875.70	mucin TcMUCII (pseudogene), putative	-1,242	1,117E-20
TcCLB.506499.120	hypothetical protein	-1,242	0,000851
TcCLB.506179.20	hypothetical protein, conserved	-1,243	1,37E-22
TcCLB.508455.30	hypothetical protein	-1,243	0,0004454
TcCLB.510303.299	hypothetical protein	-1,245	5,814E-27
TcCLB.510337.30	adenylosuccinate lyase, putative (ADSL)	-1,246	1,985E-45
TcCLB.507959.240	syntaxin binding protein (pseudogene), putative	-1,246	0,00001868
TcCLB.440363.19	Vacuolar iron transporter 1, putative (fragment) (VIT1)	-1,248	2,583E-23
TcCLB.506245.230	mucin-associated surface protein (MASP, pseudogene), $\mu$	-1,249	0,000199
TcCLB.506599.400	trans-sialidase (pseudogene), putative	-1,249	0,0006712
TcCLB.508313.122	trans-sialidase (pseudogene), putative	-1,249	0,008732
TcCLB.506741.110	mucin TcMUCII, putative	-1,25	9,074E-23
TcCLB.511549.20	trans-sialidase (pseudogene), putative	-1,25	1,454E-10
TcCLB.506965.40	trans-sialidase (pseudogene), putative	-1,251	6,496E-09
TcCLB.511615.10	trans-sialidase, Group V, putative	-1,251	0,00002261
TcCLB.508081.110	trans-sialidase (pseudogene), putative	-1,252	2,69E-12
TcCLB.439991.10	trans-sialidase (pseudogene), putative	-1,252	2,934E-08
TcCLB.503787.20	mucin TcMUCII, putative	-1,253	2,548E-06
TcCLB.506767.21	syntaxin binding protein (pseudogene), putative	-1,255	0,00000424

TcCLB.506781.30	mucin TcMUCII, putative	-1,256	6,892E-08
TcCLB.504239.390	syntaxin binding protein (pseudogene), putative	-1,256	0,0001708
TcCLB.510021.60	hypothetical protein	-1,256	0,00216
TcCLB.506227.100	hypothetical protein, conserved	-1,257	1,614E-13
TcCLB.511817.210	protein kinase, putative	-1,258	1,39E-28
TcCLB.509251.20	trans-sialidase, Group V, putative	-1,258	8,68E-13
TcCLB.509525.260	hypothetical protein	-1,258	1,493E-12
TcCLB.505949.100	trans-sialidase (pseudogene), putative	-1,259	5,832E-14
TcCLB.507071.170	mucin TcMUCII, putative	-1,259	3,108E-11
TcCLB.510363.260	mucin-associated surface protein (MASP), putative	-1,259	0,0004846
TcCLB.506059.10	trans-sialidase, putative	-1,26	6,355E-10
TcCLB.508221.180	trans-sialidase, Group V, putative	-1,26	4,006E-07
TcCLB.510275.390	mucin TcMUCII (pseudogene), putative	-1,26	0,0006762
TcCLB.506423.20	mucin TcMUCII, putative	-1,26	0,0055
TcCLB.507953.210	hypothetical protein	-1,261	0,00001947
TcCLB.507121.20	trans-sialidase, Group VII, putative	-1,262	2,926E-26
TcCLB.504777.50	mucin-associated surface protein (MASP, pseudogene), pi	-1,263	2,952E-12
TcCLB.506801.10	surface protease GP63 (pseudogene), putative	-1,263	5,891E-06
TcCLB.505939.65	hypothetical protein, conserved	-1,264	2,581E-11
TcCLB.506763.40	hypothetical protein	-1,264	0,00001604
TcCLB.509349.10	trans-sialidase (pseudogene), putative	-1,264	0,0001419
TcCLB.510025.200	syntaxin binding protein (pseudogene), putative	-1,265	0,00000192
TcCLB.510373.100	hypothetical protein, conserved (pseudogene)	-1,265	0,0001251
TcCLB.504103.3	hypothetical protein, conserved (fragment)	-1,267	2,017E-24
TcCLB.508081.20	hypothetical protein	-1,267	0,0001839
TcCLB.503859.25	surface protease GP63 (pseudogene), putative	-1,267	0,001359
TcCLB.508661.70	Enriched in surface-labeled proteome protein 18 (ESP18)	-1,269	2,945E-25
TcCLB.508221.730	90 kDa surface protein, putative	-1,269	0,0008515
TcCLB.511099.210	mucin TcMUCII, putative	-1,269	0,0008792
TcCLB.511643.40	trans-sialidase, Group V, putative	-1,27	7,97E-16
TcCLB.508043.10	trans-sialidase, putative	-1,27	3,976E-15
TcCLB.507071.164	mucin TcMUCII (pseudogene), putative	-1,27	0,0008042
TcCLB.503699.11	mucin-associated surface protein (MASP, pseudogene), pi	-1,271	0,009053
TcCLB.504229.50	trans-sialidase (pseudogene), putative	-1,272	2,014E-15
TcCLB.510407.9	protein kinase, putative	-1,272	2,671E-10
TcCLB.506601.31	surface protease GP63 (pseudogene), putative	-1,272	0,001201
TcCLB.510025.230	hypothetical protein	-1,273	0,0009728
TcCLB.508777.130	hypothetical protein, conserved	-1,274	5,198E-52
TcCLB.510015.50	mucin TcMUC (pseudogene), putative	-1,274	2,481E-10
TcCLB.503859.10	syntaxin binding protein (pseudogene), putative	-1,275	0,0005312
TcCLB.507237.210	mucin TcMUCII, putative	-1,277	1,481E-12
TcCLB.510373.40	hypothetical protein	-1,278	0,0007589
TcCLB.504239.80	syntaxin binding protein (pseudogene), putative	-1,279	0,00005799
TcCLB.510015.10	hypothetical protein	-1,279	0,00009232
TcCLB.398009.20	trans-sialidase (pseudogene), putative	-1,28	8,578E-28



TcCLB.503507.35	mucin-associated surface protein (MASP, pseudogene), pu	-1,28	2,175E-12
TcCLB.511427.19	conserved protein, unknown function (fragment)	-1,28	0,0000107
TcCLB.506793.50	hypothetical protein, conserved	-1,281	3,434E-30
TcCLB.510193.10	mucin-associated surface protein (MASP), putative	-1,281	2,161E-08
TcCLB.510275.360	mucin TcMUCII (pseudogene), putative	-1,281	0,0002743
TcCLB.511317.79	OSM3-like kinesin, putative	-1,282	7,647E-21
TcCLB.507957.36	syntaxin binding protein (pseudogene), putative	-1,282	6,867E-07
TcCLB.510251.19	hypothetical protein, conserved	-1,283	1,705E-30
TcCLB.509751.28	mucin-associated surface protein (MASP, pseudogene), pu	-1,283	2,968E-28
TcCLB.508221.530	trans-sialidase (pseudogene), putative	-1,283	0,0000127
TcCLB.508165.425	mucin TcMUC (pseudogene), putative	-1,283	0,00004384
TcCLB.439307.9	hypothetical protein, conserved	-1,283	0,01097
TcCLB.504081.110	mucin TcMUCII (pseudogene), putative	-1,284	0,0000197
TcCLB.508977.99	mucin-associated surface protein (MASP, pseudogene), pu	-1,285	0,00003357
TcCLB.509513.10	trans-sialidase, Group II, putative	-1,287	6,647E-08
TcCLB.506459.210	mucin TcMUCII, putative	-1,287	0,00008117
TcCLB.511555.30	hypothetical protein, conserved	-1,288	1,209E-19
TcCLB.507491.20	surface antigen TASV, putative	-1,289	1,74E-65
TcCLB.510359.490	trans-sialidase (pseudogene), putative	-1,289	1,058E-11
TcCLB.509925.40	trans-sialidase (pseudogene), putative	-1,29	3,772E-11
TcCLB.503461.40	succinyl-CoA:3-ketoacid-coenzyme-A transferase (pseudog	-1,291	1,066E-08
TcCLB.511255.350	trans-sialidase, Group V, putative	-1,291	8,768E-07
TcCLB.505919.20	trans-sialidase, Group II, putative	-1,292	1,674E-17
TcCLB.508081.80	hypothetical protein	-1,292	0,0003307
TcCLB.507839.30	dispersed gene family protein 1 (DGF-1), putative	-1,292	0,002253
TcCLB.506765.49	hypothetical protein	-1,292	0,01429
TcCLB.507143.60	hypothetical protein	-1,293	0,002824
TcCLB.506755.190	hypothetical protein, conserved	-1,297	8,426E-34
TcCLB.511451.59	mucin-associated surface protein (MASP), putative	-1,297	0,00007673
TcCLB.511163.59	hypothetical protein, conserved (fragment)	-1,298	6,051E-17
TcCLB.505993.10	trans-sialidase (pseudogene), putative	-1,298	1,169E-13
TcCLB.508437.20	trans-sialidase (pseudogene), putative	-1,298	8,574E-08
TcCLB.506779.180	surface protease GP63, putative	-1,301	1,751E-29
TcCLB.511797.240	trans-sialidase (pseudogene), putative	-1,301	9,193E-10
TcCLB.509947.20	mucin-associated surface protein (MASP, pseudogene), pu	-1,301	0,002242
TcCLB.511213.60	mucin-associated surface protein (MASP), putative	-1,302	1,506E-17
TcCLB.507487.20	mucin-associated surface protein (MASP), putative	-1,302	0,001587
TcCLB.510155.270	dispersed gene family protein 1 (DGF-1, pseudogene), put	-1,303	8,583E-31
TcCLB.506767.196	surface protease GP63 (pseudogene), putative	-1,303	0,003077
TcCLB.510359.610	trans-sialidase, Group II, putative	-1,304	6,056E-13
TcCLB.507237.120	mucin-associated surface protein (MASP), putative	-1,304	5,754E-06
TcCLB.511611.20	mucin-associated surface protein (MASP), putative	-1,304	0,003101
TcCLB.507237.150	hypothetical protein	-1,307	0,0005959
TcCLB.511531.59	mitogen activated protein kinase, putative	-1,308	1,727E-24
TcCLB.508747.50	mucin TcMUCII, putative	-1,308	4,614E-09

TcCLB.510361.180	trans-sialidase (pseudogene), putative	-1,308	0,00001424
TcCLB.511297.30	hypothetical protein, conserved (fragment)	-1,309	7,919E-35
TcCLB.506573.50	hypothetical protein, conserved	-1,31	8,596E-18
TcCLB.511895.30	receptor-type adenylate cyclase, putative	-1,311	2,631E-09
TcCLB.503587.80	mucin-associated surface protein (MASP, pseudogene), pu	-1,311	1,052E-06
TcCLB.504081.340	hypothetical protein (pseudogene)	-1,311	0,001177
TcCLB.511255.80	mucin-associated surface protein (MASP), putative	-1,312	2,961E-11
TcCLB.506267.80	mucin-associated surface protein (MASP), putative	-1,312	4,512E-07
TcCLB.506635.110	kinesin-like protein, putative	-1,313	5,061E-23
TcCLB.507959.170	mucin-associated surface protein (MASP), putative	-1,313	1,634E-08
TcCLB.506149.29	hypothetical protein, conserved	-1,313	6,582E-06
TcCLB.506799.90	surface protease GP63 (pseudogene), putative	-1,315	2,644E-24
TcCLB.508797.20	hypothetical protein, conserved	-1,315	1,838E-16
TcCLB.510359.660	mucin TcMUCII, putative	-1,315	4,629E-06
TcCLB.506155.99	hypothetical protein, conserved	-1,316	2,752E-18
TcCLB.511921.50	trans-sialidase, Group VI, putative	-1,316	1,009E-10
TcCLB.428999.20	receptor-type adenylate cyclase, putative	-1,317	9,289E-18
TcCLB.508493.50	mucin-associated surface protein (MASP, pseudogene), pu	-1,317	2,559E-11
TcCLB.506961.30	hypothetical protein	-1,319	3,789E-11
TcCLB.509977.40	hypothetical protein	-1,32	1,293E-11
TcCLB.504039.175	hypothetical protein, conserved (pseudogene)	-1,32	2,681E-07
TcCLB.510025.139	hypothetical protein, conserved (pseudogene)	-1,32	0,000957
TcCLB.507257.60	Fumarate hydratase class I, cytosolic (FHc)	-1,321	5,957E-23
TcCLB.507949.219	mucin-associated surface protein (MASP, pseudogene), pu	-1,321	1,415E-20
TcCLB.511657.50	hypothetical protein, conserved	-1,321	4,659E-10
TcCLB.509263.10	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, p	-1,323	1,373E-09
TcCLB.507957.43	hypothetical protein, conserved (pseudogene)	-1,323	0,003578
TcCLB.476733.20	hypothetical protein, conserved	-1,324	6,139E-62
TcCLB.511401.40	mucin-associated surface protein (MASP, pseudogene), pu	-1,324	1,387E-11
TcCLB.507699.37	mucin-associated surface protein (MASP, pseudogene), pu	-1,324	3,725E-06
TcCLB.504233.50	hypothetical protein, conserved	-1,325	0,004899
TcCLB.511407.80	hypothetical protein, conserved	-1,326	3,054E-15
TcCLB.506751.90	trans-sialidase (pseudogene), putative	-1,326	2,333E-06
TcCLB.509617.40	hypothetical protein, conserved	-1,327	3,621E-50
TcCLB.504149.60	hypothetical protein	-1,328	1,075E-56
TcCLB.504081.50	mucin-associated surface protein (MASP), putative	-1,328	3,894E-10
TcCLB.508001.50	trans-sialidase (pseudogene), putative	-1,328	0,00004764
TcCLB.506335.100	mucin-associated surface protein (MASP), putative	-1,329	4,297E-19
TcCLB.508501.80	mucin-associated surface protein (MASP), putative	-1,329	1,105E-14
TcCLB.510625.79	mucin TcMUCII (pseudogene), putative	-1,329	0,0001442
TcCLB.511847.40	hypothetical protein, conserved	-1,33	4,258E-19
TcCLB.507065.60	mucin-associated surface protein (MASP), putative	-1,332	1,035E-12
TcCLB.507959.336	surface protease GP63 (pseudogene), putative	-1,332	1,854E-10
TcCLB.508175.110	hypothetical protein, conserved	-1,333	1,014E-43
TcCLB.509767.80	hypothetical protein, conserved	-1,333	4,743E-18

TcCLB.510401.50	trans-sialidase (pseudogene), putative	-1,336	5,015E-23
TcCLB.508015.40	hypothetical protein	-1,336	5,111E-14
TcCLB.506767.250	trans-sialidase (pseudogene), putative	-1,337	4,856E-08
TcCLB.404455.10	trans-sialidase, putative (fragment)	-1,338	3,424E-17
TcCLB.503717.5	mucin TcMUCII (pseudogene), putative	-1,338	0,001785
TcCLB.510265.4	hypothetical protein, conserved	-1,339	2,318E-12
TcCLB.510773.30	hypothetical protein	-1,339	2,318E-07
TcCLB.507091.160	trans-sialidase (pseudogene), putative	-1,34	2,804E-13
TcCLB.506373.39	trans-sialidase, putative (fragment)	-1,341	1,131E-16
TcCLB.510713.90	trans-sialidase, Group V, putative	-1,341	1,758E-15
TcCLB.510197.130	trans-sialidase, Group VI, putative	-1,341	2,157E-06
TcCLB.511603.60	mucin TcMUCII, putative	-1,342	7,654E-11
TcCLB.503665.30	mucin-associated surface protein (MASP), putative	-1,342	1,221E-08
TcCLB.506499.130	hypothetical protein	-1,344	0,0004892
TcCLB.507701.10	mucin TcMUCII, putative	-1,345	2,724E-14
TcCLB.511613.10	mucin-associated surface protein (MASP), putative	-1,345	1,116E-12
TcCLB.507633.59	mucin-associated surface protein (MASP, pseudogene), pi	-1,346	6,055E-06
TcCLB.510483.130	mucin TcMUCII, putative	-1,346	0,0003127
TcCLB.506501.150	surface protease GP63 (pseudogene), putative	-1,346	0,001555
TcCLB.427013.10	trans-sialidase, putative (fragment)	-1,347	6,838E-19
TcCLB.511401.100	mucin-associated surface protein (MASP), putative	-1,347	1,591E-16
TcCLB.506501.190	mucin TcMUCII, putative	-1,347	0,00001617
TcCLB.509233.140	aldehyde dehydrogenase (pseudogene), putative	-1,348	4,343E-12
TcCLB.510275.219	mucin TcMUCII, putative	-1,349	0,0001229
TcCLB.506763.350	hypothetical protein, conserved (pseudogene)	-1,351	0,0009906
TcCLB.508125.50	mucin-associated surface protein (MASP, pseudogene), pi	-1,352	3,004E-07
TcCLB.509591.20	phosphoprotein phosphatase, putative	-1,352	0,003824
TcCLB.506337.80	surface antigen TASV, putative	-1,353	1,426E-49
TcCLB.506813.220	trans-sialidase, Group V, putative	-1,353	9,947E-09
TcCLB.503545.10	trans-sialidase (pseudogene), putative	-1,354	1,61E-11
TcCLB.506661.170	hypothetical protein, conserved	-1,355	4,494E-28
TcCLB.510693.176	mucin TcMUC (pseudogene), putative	-1,356	7,631E-10
TcCLB.508389.114	mucin TcMUCII, putative	-1,356	0,00008669
TcCLB.507069.20	hypothetical protein	-1,357	0,02968
TcCLB.506519.60	Protein kinase domain, putative	-1,359	3,296E-46
TcCLB.506229.10	Mitogen-activated protein kinase 10, putative (MPK10)	-1,359	6,914E-25
TcCLB.507959.323	syntaxin binding protein (pseudogene), putative	-1,359	3,111E-09
TcCLB.506763.370	hypothetical protein	-1,359	0,001228
TcCLB.508877.10	trans-sialidase (pseudogene), putative	-1,36	3,795E-10
TcCLB.509439.20	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, p	-1,36	1,497E-07
TcCLB.510483.190	mucin TcMUCII, putative	-1,361	1,177E-13
TcCLB.509081.60	syntaxin binding protein (pseudogene), putative	-1,361	3,048E-12
TcCLB.508441.94	mucin TcMUCII, putative	-1,363	1,087E-20
TcCLB.511173.120	mucin-associated surface protein (MASP, pseudogene), pi	-1,364	4,093E-13
TcCLB.504219.70	mucin TcMUC, putative (fragment)	-1,365	4,149E-10

TcCLB.511077.95	mucin TcMUCII (pseudogene), putative	-1,365	0,005882
TcCLB.510545.30	mucin-associated surface protein (MASP, pseudogene), pu	-1,366	1,436E-06
TcCLB.506309.34	mucin TcMUCII, putative	-1,366	0,01396
TcCLB.511283.120	hypothetical protein, conserved	-1,369	0,0002015
TcCLB.508807.5	glycosylphosphatidylinositol-specific phospholipase C, puti	-1,37	2,744E-20
TcCLB.511311.7	trans-sialidase, putative (fragment)	-1,37	1,243E-19
TcCLB.503913.40	hypothetical protein	-1,371	3,81E-16
TcCLB.503741.10	mucin TcMUCII, putative	-1,372	1,445E-09
TcCLB.445557.10	mucin TcMUCII, putative	-1,372	0,001093
TcCLB.506337.100	surface antigen TASV, putative	-1,373	2,274E-41
TcCLB.510583.220	mucin TcMUCII, putative	-1,373	0,001748
TcCLB.511917.10	trans-sialidase, putative	-1,374	3,62E-14
TcCLB.509525.280	hypothetical protein	-1,375	0,0002764
TcCLB.509907.50	hypothetical protein, conserved (pseudogene)	-1,375	0,000571
TcCLB.511183.600	mucin-associated surface protein (MASP, pseudogene), pu	-1,379	4,126E-15
TcCLB.510805.30	mucin-associated surface protein (MASP, pseudogene), pu	-1,379	3,747E-13
TcCLB.508163.234	trans-sialidase, putative	-1,379	1,303E-10
TcCLB.503973.290	mucin TcMUCII, putative	-1,379	6,938E-06
TcCLB.507987.20	hypothetical protein	-1,379	0,0006962
TcCLB.503649.20	mucin TcMUC, putative	-1,379	0,00118
TcCLB.511861.80	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, p	-1,38	6,281E-34
TcCLB.510363.70	mucin-associated surface protein (MASP), putative	-1,381	0,0001043
TcCLB.510025.100	mucin-associated surface protein (MASP), putative	-1,382	1,417E-19
TcCLB.511923.60	trans-sialidase, Group V, putative	-1,382	6,976E-16
TcCLB.506971.30	trans-sialidase (pseudogene), putative	-1,382	5,311E-10
TcCLB.507957.310	hypothetical protein	-1,382	3,205E-07
TcCLB.509775.20	protein kinase, putative	-1,383	7,21E-51
TcCLB.506279.10	trans-sialidase, Group VI, putative	-1,383	4,686E-15
TcCLB.510279.190	mucin-associated surface protein (MASP), putative	-1,383	6,509E-10
TcCLB.508119.20	mucin-associated surface protein (MASP), putative	-1,385	2,068E-16
TcCLB.506875.10	mucin TcMUCII (pseudogene), putative	-1,385	0,00004278
TcCLB.505201.50	trans-sialidase (pseudogene), putative	-1,386	2,628E-24
TcCLB.508233.50	variant-surface-glycoprotein phospholipase C, putative	-1,387	6,623E-30
TcCLB.506339.10	trans-sialidase, Group V, putative	-1,388	5,157E-16
TcCLB.508313.40	mucin TcMUCII, putative	-1,388	6,524E-09
TcCLB.503587.30	trans-sialidase, Group V, putative	-1,388	5,329E-07
TcCLB.511185.114	mucin TcMUCII (pseudogene), putative	-1,388	0,001483
TcCLB.506409.190	mucin-associated surface protein (MASP, pseudogene), pu	-1,389	1,337E-12
TcCLB.507731.10	mucin-associated surface protein (MASP), putative	-1,389	2,513E-11
TcCLB.510497.90	mucin TcMUCII, putative	-1,391	4,947E-07
TcCLB.508069.5	trans-sialidase, putative (fragment)	-1,391	5,692E-07
TcCLB.466593.19	hypothetical protein, conserved	-1,392	4,316E-38
TcCLB.506599.170	mucin-associated surface protein (MASP), putative	-1,392	2,594E-12
TcCLB.509631.20	mucin-associated surface protein (MASP), putative	-1,392	1,973E-11
TcCLB.510025.205	hypothetical protein, conserved (pseudogene)	-1,393	2,484E-06

TcCLB.506757.90	trans-sialidase, Group II, putative	-1,394	3,16E-15
TcCLB.509897.200	trans-sialidase, Group V, putative	-1,395	3,402E-20
TcCLB.508167.20	mucin TcMUCII, putative	-1,395	6,182E-11
TcCLB.507731.50	trans-sialidase (pseudogene), putative	-1,395	7,678E-06
TcCLB.510279.340	mucin TcMUCII, putative	-1,395	0,0001453
TcCLB.509991.9	protein kinase, putative	-1,397	2,782E-20
TcCLB.511923.100	trans-sialidase (pseudogene), putative	-1,397	8,474E-20
TcCLB.506457.30	hypoxanthine-guanine phosphoribosyltransferase, putative	-1,397	1,494E-18
TcCLB.507085.70	mucin-associated surface protein (MASP, pseudogene), putative	-1,397	2,461E-12
TcCLB.507953.185	hypothetical protein, conserved (pseudogene)	-1,397	4,371E-07
TcCLB.511183.450	trans-sialidase (pseudogene), putative	-1,398	4,113E-17
TcCLB.511295.20	hypothetical protein, conserved	-1,4	2,483E-18
TcCLB.511575.120	hypothetical protein, conserved	-1,401	8,464E-50
TcCLB.507821.10	trans-sialidase, Group VI, putative	-1,401	2,986E-21
TcCLB.506909.100	trans-sialidase, Group V, putative	-1,401	2,5E-10
TcCLB.402919.10	trans-sialidase, putative	-1,402	6,926E-19
TcCLB.504259.10	hypothetical protein, conserved	-1,402	1,161E-13
TcCLB.508521.40	hypothetical protein	-1,402	9,573E-06
TcCLB.506501.341	surface protease GP63 (pseudogene), putative	-1,402	0,0001252
TcCLB.509971.44	mucin-associated surface protein (MASP, pseudogene), putative	-1,403	0,00005766
TcCLB.510483.310	mucin-associated surface protein (MASP), putative	-1,404	3,664E-08
TcCLB.506173.50	mucin TcMUCII (pseudogene), putative	-1,404	2,016E-07
TcCLB.508761.40	trans-sialidase, Group V, putative	-1,405	4,682E-10
TcCLB.509547.40	mucin-associated surface protein (MASP), putative	-1,406	6,647E-08
TcCLB.509155.39	surface protease GP63, putative	-1,406	0,001816
TcCLB.508461.310	protein kinase A catalytic subunit isoform 1, putative	-1,407	4,39E-35
TcCLB.510439.40	hypothetical protein	-1,407	1,057E-24
TcCLB.509387.5	trans-sialidase, putative	-1,408	1,034E-14
TcCLB.507071.70	mucin-associated surface protein (MASP, pseudogene), putative	-1,408	8,678E-10
TcCLB.508633.30	mucin-associated surface protein (MASP, pseudogene), putative	-1,408	1,472E-07
TcCLB.508139.160	expression site-associated gene (ESAG-like) protein, putative	-1,409	2,326E-18
TcCLB.511089.70	mucin-associated surface protein (MASP, pseudogene), putative	-1,409	1,593E-11
TcCLB.506281.100	mucin-associated surface protein (MASP, pseudogene), putative	-1,409	2,215E-10
TcCLB.509753.150	mucin TcMUCII, putative	-1,41	0,0001191
TcCLB.509613.20	trans-sialidase (pseudogene), putative	-1,411	2,794E-11
TcCLB.506499.200	hypothetical protein	-1,411	4,124E-06
TcCLB.508441.110	mucin TcMUCI, putative	-1,412	1,581E-27
TcCLB.511219.40	trans-sialidase, Group II, putative	-1,412	1,86E-18
TcCLB.510583.34	mucin-associated surface protein (MASP, pseudogene), putative	-1,413	1,269E-08
TcCLB.506281.117	mucin TcMUCII (pseudogene), putative	-1,413	8,273E-08
TcCLB.504425.10	trans-sialidase, Group III, putative	-1,414	4,267E-30
TcCLB.506815.20	mucin-associated surface protein (MASP, pseudogene), putative	-1,414	1,676E-28
TcCLB.509553.50	DNA repair and recombination helicase protein PIF5, putative	-1,415	5,103E-31
TcCLB.509869.30	mucin TcMUCII, putative	-1,415	0,0002895
TcCLB.507957.260	surface protease GP63 (pseudogene), putative	-1,417	0,00002368

TcCLB.510299.70	hypothetical protein, conserved	-1,418	3,967E-33
TcCLB.508767.20	surface protein TolT (TolT)	-1,418	1,649E-29
TcCLB.507205.10	mucin-associated surface protein (MASP, pseudogene), pu	-1,419	1,058E-07
TcCLB.511165.100	serine/threonine protein kinase, putative	-1,42	9,736E-34
TcCLB.508029.50	kinesin-like protein, putative	-1,42	3,943E-29
TcCLB.506221.70	Paraflagellar Rod Proteome Component 9, putative (PFC9)	-1,421	1,169E-16
TcCLB.508983.10	mucin-associated surface protein (MASP, pseudogene), pu	-1,422	1,389E-10
TcCLB.510021.90	hypothetical protein, conserved (pseudogene)	-1,423	0,00001064
TcCLB.506269.45	trans-sialidase (pseudogene), putative	-1,423	0,0004328
TcCLB.503633.21	mucin TcMUCII (pseudogene), putative	-1,423	0,00103
TcCLB.510525.139	protein kinase, putative	-1,424	1,481E-27
TcCLB.510533.170	hypothetical protein, conserved	-1,425	1,973E-32
TcCLB.508163.210	trans-sialidase (pseudogene), putative	-1,425	3,171E-13
TcCLB.506759.150	hypothetical protein, conserved (pseudogene)	-1,425	1,336E-06
TcCLB.511767.130	expression site-associated gene (ESAG-like) protein, puta	-1,426	1,006E-11
TcCLB.506767.123	syntaxin binding protein (pseudogene), putative	-1,427	0,00003791
TcCLB.510017.15	surface protease GP63 (pseudogene), putative	-1,428	0,00001778
TcCLB.511079.100	mucin-associated surface protein (MASP), putative (fragm	-1,429	0,0299
TcCLB.507941.120	hypothetical protein, conserved	-1,43	4,873E-32
TcCLB.511127.90	hypothetical protein, conserved	-1,43	6,553E-24
TcCLB.510377.10	trans-sialidase, Group V, putative	-1,434	5,017E-08
TcCLB.510371.61	surface protease GP63 (pseudogene), putative	-1,434	3,852E-07
TcCLB.509419.94	mucin TcMUCII (pseudogene), putative	-1,434	0,0007133
TcCLB.510311.100	hypothetical protein, conserved	-1,437	5,135E-20
TcCLB.506147.20	hypothetical protein	-1,437	3,773E-16
TcCLB.509553.30	ribonuclease mar1, putative	-1,437	3,24E-15
TcCLB.507069.130	mucin-associated surface protein (MASP, pseudogene), pu	-1,437	8,985E-09
TcCLB.510025.191	surface protease GP63 (pseudogene), putative	-1,437	0,00003032
TcCLB.507917.10	surface protease GP63, putative	-1,438	1,909E-25
TcCLB.503745.30	ascorbate peroxidase (APX)	-1,438	3,02E-23
TcCLB.511439.10	expression site-associated gene (ESAG-like) protein, puta	-1,438	0,0001234
TcCLB.509899.100	trans-sialidase, Group V, putative	-1,439	7,717E-18
TcCLB.511603.250	mucin-associated surface protein (MASP), putative	-1,44	1,665E-10
TcCLB.511245.10	hypothetical protein, conserved	-1,441	8,469E-41
TcCLB.508389.100	mucin-associated surface protein (MASP), putative	-1,441	6,345E-19
TcCLB.463901.10	trans-sialidase, putative (fragment)	-1,441	7,852E-12
TcCLB.506137.10	surface protease GP63, putative	-1,441	3,475E-10
TcCLB.506595.40	trans-sialidase, Group II, putative	-1,442	9,46E-36
TcCLB.510025.7	syntaxin binding protein (pseudogene), putative	-1,442	2,213E-06
TcCLB.511259.18	mucin-associated surface protein (MASP, pseudogene), pu	-1,444	1,225E-10
TcCLB.510261.10	mucin-associated surface protein (MASP), putative	-1,446	1,536E-11
TcCLB.511259.200	mucin-associated surface protein (MASP, pseudogene), pu	-1,446	3,146E-08
TcCLB.504655.9	mucin-associated surface protein (MASP), putative	-1,448	3,568E-63
TcCLB.506287.30	hypothetical protein, conserved	-1,448	2,835E-29
TcCLB.510377.405	hypothetical protein, conserved (pseudogene)	-1,448	0,0001585

TcCLB.508767.10	surface protein TolT	-1,449	4,35E-35
TcCLB.508227.30	mucin TcMUCII, putative	-1,449	1,517E-07
TcCLB.509897.270	trans-sialidase, Group V, putative	-1,451	3,855E-17
TcCLB.508153.680	RNA-binding protein 6, putative	-1,451	1,204E-12
TcCLB.508873.450	mucin-associated surface protein (MASP), putative	-1,451	1,876E-07
TcCLB.509429.41	trans-sialidase (pseudogene), putative	-1,453	2,175E-16
TcCLB.506501.100	hypothetical protein	-1,455	0,006337
TcCLB.511349.100	trans-sialidase, Group II, putative	-1,456	7,635E-20
TcCLB.507863.6	hypothetical protein, conserved (pseudogene)	-1,457	0,001334
TcCLB.510433.20	surface protein TolT, putative	-1,458	2,548E-50
TcCLB.509525.70	hypothetical protein	-1,458	1,188E-08
TcCLB.503507.20	mucin TcMUCII, putative (fragment)	-1,458	0,0000297
TcCLB.508165.140	mucin TcMUCII (pseudogene), putative	-1,459	0,0000427
TcCLB.506459.180	trans-sialidase, Group V, putative	-1,46	3,48E-14
TcCLB.510553.50	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, $\mu$	-1,46	1,949E-11
TcCLB.508165.60	mucin TcMUCII, putative	-1,461	0,0007409
TcCLB.504081.440	90 kDa surface protein, putative	-1,463	5,317E-14
TcCLB.510025.126	syntaxin binding protein (pseudogene), putative	-1,464	2,542E-08
TcCLB.506599.250	surface protease GP63 (pseudogene), putative	-1,464	0,0002306
TcCLB.510361.100	mucin TcMUCII, putative	-1,466	1,396E-07
TcCLB.506939.120	trans-sialidase, Group V, putative	-1,467	2,858E-15
TcCLB.503507.50	mucin TcMUCII, putative	-1,467	9,739E-07
TcCLB.510025.14	hypothetical protein, conserved (pseudogene)	-1,468	0,002284
TcCLB.511607.90	mucin-associated surface protein (MASP, pseudogene), $\mu$	-1,469	6,245E-16
TcCLB.511149.10	mucin TcMUCII, putative	-1,469	0,00006094
TcCLB.506755.90	hypothetical protein, conserved	-1,47	8,754E-33
TcCLB.509607.50	protein kinase, putative	-1,47	4,564E-11
TcCLB.506985.50	hypothetical protein, conserved	-1,471	3,678E-32
TcCLB.510329.270	Fumarate hydratase class I, cytosolic (FHc)	-1,471	1,244E-17
TcCLB.508365.114	mucin-associated surface protein (MASP, pseudogene), $\mu$	-1,472	2,477E-15
TcCLB.508697.10	trans-sialidase, Group V, putative	-1,472	8,753E-10
TcCLB.507231.30	mucin-associated surface protein (MASP), putative	-1,473	1,451E-08
TcCLB.504081.80	trans-sialidase, Group V, putative	-1,473	1,115E-07
TcCLB.508521.50	surface protease GP63 (pseudogene), putative	-1,474	2,653E-18
TcCLB.508297.20	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, $\mu$	-1,474	3,777E-15
TcCLB.430603.10	mucin-associated surface protein (MASP, pseudogene), $\mu$	-1,474	6,094E-10
TcCLB.507159.70	hypothetical protein, conserved	-1,475	4,888E-53
TcCLB.507641.130	hypothetical protein, conserved	-1,476	8,979E-36
TcCLB.508147.90	mucin-associated surface protein (MASP, pseudogene), $\mu$	-1,476	1,671E-12
TcCLB.507637.130	mucin TcMUCII, putative	-1,477	4,387E-07
TcCLB.509897.140	trans-sialidase, Group V, putative	-1,478	2,573E-21
TcCLB.509753.270	trans-sialidase (pseudogene), putative	-1,479	2,201E-17
TcCLB.503609.10	trans-sialidase (pseudogene), putative	-1,479	0,0002575
TcCLB.511255.660	mucin TcMUCII, putative	-1,48	9,991E-07
TcCLB.508547.9	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, $\mu$	-1,482	6,437E-34

TcCLB.510261.31	mucin-associated surface protein (MASP, pseudogene), p	-1,483	3,121E-10
TcCLB.509195.30	mucin-associated surface protein (MASP), putative	-1,483	9,012E-06
TcCLB.509265.90	trans-sialidase, Group II, putative	-1,485	1,064E-31
TcCLB.511643.130	mucin-associated surface protein (MASP, pseudogene), p	-1,486	3,313E-23
TcCLB.511183.590	mucin TcMUCII, putative	-1,487	4,766E-14
TcCLB.509753.310	mucin-associated surface protein (MASP), putative	-1,487	2,617E-09
TcCLB.506859.230	hypothetical protein, conserved	-1,487	0,001615
TcCLB.510111.20	trans-sialidase, Group II, putative	-1,488	8,905E-18
TcCLB.509753.250	mucin-associated surface protein (MASP), putative	-1,489	6,69E-13
TcCLB.504157.130	surface protein TolT, putative (TolT)	-1,49	2,444E-26
TcCLB.506279.250	trans-sialidase (pseudogene), putative	-1,49	1,404E-10
TcCLB.509221.50	trans-sialidase (pseudogene), putative	-1,492	1,224E-26
TcCLB.506329.65	trans-sialidase (pseudogene), putative	-1,492	0,00004907
TcCLB.507159.50	hypothetical protein, conserved	-1,493	1,671E-53
TcCLB.508511.10	mucin-associated surface protein (MASP, pseudogene), p	-1,493	3,165E-06
TcCLB.508433.170	mucin TcMUCII, putative	-1,493	0,0005129
TcCLB.509685.40	trans-sialidase, Group V, putative	-1,494	6,871E-27
TcCLB.506993.180	mucin-associated surface protein (MASP), putative	-1,494	2,691E-11
TcCLB.508523.30	trans-sialidase, Group II, putative	-1,494	1,24E-08
TcCLB.508013.10	mucin-associated surface protein (MASP, pseudogene), p	-1,494	0,00002008
TcCLB.506993.63	mucin TcMUCI, putative	-1,494	0,00009796
TcCLB.504101.10	hypothetical protein	-1,495	4,132E-23
TcCLB.511391.60	trans-sialidase (pseudogene), putative	-1,495	1,324E-11
TcCLB.511129.80	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, p	-1,496	2,842E-17
TcCLB.509489.10	hypothetical protein, conserved	-1,498	5,935E-65
TcCLB.508805.136	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, p	-1,498	1,761E-17
TcCLB.510279.314	mucin TcMUCII (pseudogene), putative	-1,498	5,043E-06
TcCLB.508243.23	mucin TcMUCII, putative	-1,499	1,836E-08
TcCLB.511173.430	mucin-associated surface protein (MASP), putative	-1,5	7,167E-14
TcCLB.511595.39	mucin TcMUCII, putative	-1,5	1,036E-08
TcCLB.507859.60	mucin-associated surface protein (MASP), putative	-1,501	0,00369
TcCLB.510623.50	mucin-associated surface protein (MASP, pseudogene), p	-1,502	2,075E-13
TcCLB.511325.10	amino acid permease (pseudogene), putative	-1,502	4,439E-09
TcCLB.510715.100	mucin-associated surface protein (MASP, pseudogene), p	-1,504	4,519E-09
TcCLB.504239.270	hypothetical protein	-1,505	0,00006976
TcCLB.511643.110	trans-sialidase, Group V, putative	-1,506	6,605E-19
TcCLB.506281.70	mucin TcMUCI, putative	-1,506	1,642E-08
TcCLB.503991.10	hypothetical protein, conserved	-1,507	3,577E-23
TcCLB.508099.9	mucin-associated surface protein (MASP, pseudogene), p	-1,507	9,433E-11
TcCLB.508261.29	mucin TcMUCII (pseudogene), putative	-1,508	0,0002326
TcCLB.511183.40	mucin-associated surface protein (MASP, pseudogene), p	-1,509	1,562E-07
TcCLB.506375.100	hypothetical protein	-1,51	7,832E-38
TcCLB.508157.20	mucin-associated surface protein (MASP), putative	-1,51	1,897E-13
TcCLB.505949.139	mucin-associated surface protein (MASP, pseudogene), p	-1,51	4,634E-07
TcCLB.507957.304	surface protease GP63 (pseudogene), putative	-1,51	0,00006932



TcCLB.508977.50	mucin-associated surface protein (MASP), putative	-1,511	1,955E-18
TcCLB.510625.150	mucin-associated surface protein (MASP), putative	-1,511	0,001252
TcCLB.509663.20	hypothetical protein, conserved	-1,514	4,968E-23
TcCLB.511021.30	hypothetical protein, conserved	-1,517	3,444E-49
TcCLB.510085.60	mucin-associated surface protein (MASP), putative	-1,517	4,706E-15
TcCLB.510483.240	mucin-associated surface protein (MASP, pseudogene), pi	-1,517	1,034E-14
TcCLB.506657.88	hypothetical protein, conserved	-1,517	0,00001378
TcCLB.508227.40	mucin-associated surface protein (MASP), putative	-1,518	1,811E-27
TcCLB.509897.20	trans-sialidase, Group V, putative	-1,519	1,991E-14
TcCLB.506409.255	surface protease GP63, putative	-1,519	0,002926
TcCLB.508541.20	mucin-associated surface protein (MASP), putative	-1,52	5,609E-13
TcCLB.508221.560	mucin TcMUCII, putative	-1,52	0,0002766
TcCLB.510021.109	mucin-associated surface protein (MASP, pseudogene), pi	-1,521	2,668E-14
TcCLB.508759.30	mucin TcMUC (pseudogene), putative	-1,522	0,00003365
TcCLB.508857.15	trans-sialidase, putative (fragment)	-1,523	1,681E-21
TcCLB.507357.60	mucin TcMUCII, putative	-1,523	6,172E-07
TcCLB.506559.450	hypothetical protein	-1,524	1,031E-31
TcCLB.508999.134	mucin TcMUCII, putative	-1,525	1,32E-07
TcCLB.506667.80	mucin-associated surface protein (MASP), putative	-1,525	0,00000359
TcCLB.506499.30	trans-sialidase (pseudogene), putative	-1,527	1,627E-09
TcCLB.508805.120	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, p	-1,528	6,285E-18
TcCLB.506459.130	mucin-associated surface protein (MASP), putative	-1,528	1,359E-07
TcCLB.507959.180	surface protease GP63 (pseudogene), putative	-1,528	7,404E-06
TcCLB.506415.10	dispersed gene family protein 1 (DGF-1), putative	-1,53	6,421E-71
TcCLB.511047.20	mucin-like glycoprotein, putative	-1,53	2,745E-68
TcCLB.506939.10	mucin-associated surface protein (MASP, pseudogene), pi	-1,53	0,00003477
TcCLB.507993.20	hypothetical protein, conserved	-1,531	1,807E-13
TcCLB.507085.80	trans-sialidase (pseudogene), putative	-1,532	5,414E-39
TcCLB.503777.4	hypothetical protein, conserved	-1,532	3,42E-14
TcCLB.511099.230	mucin TcMUCII, putative	-1,532	0,00001577
TcCLB.503859.45	mucin TcMUCII, putative	-1,532	0,00001761
TcCLB.504239.380	hypothetical protein	-1,532	0,000025
TcCLB.511607.100	mucin TcMUCII, putative	-1,533	9,712E-14
TcCLB.510489.50	trans-sialidase, putative	-1,533	3,081E-06
TcCLB.511089.74	mucin TcMUCII (pseudogene), putative	-1,533	0,00001221
TcCLB.509419.49	mucin-associated surface protein (MASP, pseudogene), pi	-1,534	0,0003345
TcCLB.510615.4	hypothetical protein, conserved	-1,536	1,347E-24
TcCLB.507633.51	trans-sialidase (pseudogene), putative	-1,536	0,00001649
TcCLB.506279.19	mucin-associated surface protein (MASP, pseudogene), pi	-1,537	3,269E-20
TcCLB.511603.300	mucin-associated surface protein (MASP), putative	-1,539	1,442E-17
TcCLB.510101.270	hypothetical protein, conserved	-1,54	1,017E-61
TcCLB.510279.210	mucin-associated surface protein (MASP), putative	-1,541	1,056E-07
TcCLB.509525.340	hypothetical protein	-1,541	7,844E-06
TcCLB.511089.10	mucin-associated surface protein (MASP), putative	-1,541	0,0000669
TcCLB.506757.129	mucin-associated surface protein (MASP, pseudogene), pi	-1,542	1,309E-26

TcCLB.511607.40	mucin-associated surface protein (MASP), putative	-1,542	1,926E-18
TcCLB.510483.300	mucin TcMUCII, putative	-1,542	2,243E-18
TcCLB.507673.60	hypothetical protein, conserved	-1,542	5,143E-15
TcCLB.507255.63	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, $\beta$	-1,542	2,767E-12
TcCLB.503755.60	surface protease GP63 (pseudogene), putative	-1,542	2,195E-08
TcCLB.506595.10	dispersed gene family protein 1 (DGF-1), putative	-1,543	5,013E-14
TcCLB.481211.10	mucin TcMUCII, putative	-1,544	7,054E-20
TcCLB.511603.390	mucin TcMUCII, putative	-1,544	0,0007544
TcCLB.503773.9	hypothetical protein, conserved (fragment)	-1,545	1,057E-19
TcCLB.503767.10	trans-sialidase, Group II, putative	-1,545	0,0002143
TcCLB.509157.70	hypothetical protein, conserved	-1,546	3,513E-17
TcCLB.506615.10	trans-sialidase (pseudogene), putative	-1,547	3,68E-42
TcCLB.511859.130	mucin-like glycoprotein, putative	-1,547	2,129E-36
TcCLB.510275.340	mucin-associated surface protein (MASP, pseudogene), putative	-1,547	2,405E-21
TcCLB.511437.20	expression site-associated gene (ESAG-like) protein, putative	-1,548	2,782E-10
TcCLB.510489.36	mucin-associated surface protein (MASP, pseudogene), putative	-1,55	9,271E-12
TcCLB.447135.10	surface protease GP63, putative	-1,55	0,00003063
TcCLB.508873.460	mucin-associated surface protein (MASP), putative	-1,552	1,222E-26
TcCLB.511533.5	mitogen activated protein kinase (pseudogene), putative	-1,553	2,549E-07
TcCLB.510717.10	surface antigen TASV, putative	-1,554	3,449E-56
TcCLB.504081.490	mucin-associated surface protein (MASP), putative	-1,554	7,913E-10
TcCLB.507643.60	trans-sialidase (pseudogene), putative	-1,555	7,825E-35
TcCLB.511861.100	mucin-associated surface protein (MASP, pseudogene), putative	-1,555	1,531E-23
TcCLB.508065.10	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, $\beta$	-1,555	1,169E-17
TcCLB.505025.110	surface protease GP63 (pseudogene), putative	-1,557	4,751E-10
TcCLB.506667.70	mucin TcMUCII, putative	-1,557	3,203E-08
TcCLB.509419.190	mucin-associated surface protein (MASP, pseudogene), putative	-1,557	0,00007513
TcCLB.506667.120	mucin-associated surface protein (MASP), putative	-1,558	1,356E-11
TcCLB.511625.149	mucin TcMUCII (pseudogene), putative	-1,559	1,169E-08
TcCLB.507953.190	hypothetical protein	-1,559	0,00000285
TcCLB.504277.20	hypothetical protein	-1,56	1,664E-49
TcCLB.508777.40	leucine-rich repeat protein, putative	-1,56	3,934E-44
TcCLB.511509.10	hypothetical protein, conserved	-1,56	1,101E-27
TcCLB.498829.10	mucin TcMUC, putative	-1,56	4,737E-20
TcCLB.507069.139	mucin TcMUCII (pseudogene), putative	-1,56	6,233E-07
TcCLB.508495.70	mucin TcMUCII, putative	-1,561	4,755E-28
TcCLB.506799.150	surface protease GP63 (pseudogene), putative	-1,561	3,671E-16
TcCLB.506379.10	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, $\beta$	-1,563	1,256E-16
TcCLB.506751.100	mucin-associated surface protein (MASP), putative	-1,563	1,495E-10
TcCLB.510547.14	mucin-associated surface protein (MASP, pseudogene), putative	-1,563	7,002E-09
TcCLB.431357.20	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, $\beta$	-1,563	2,031E-06
TcCLB.510311.120	hypothetical protein	-1,564	4,218E-33
TcCLB.510409.20	hypothetical protein, conserved (pseudogene)	-1,565	3,583E-16
TcCLB.508251.50	mucin-associated surface protein (MASP), putative (fragment)	-1,565	0,00009851
TcCLB.508885.10	surface protease GP63 (pseudogene), putative	-1,566	2,233E-07

TcCLB.504423.15	hypothetical protein, conserved	-1,567	2,078E-35
TcCLB.504155.150	surface protease GP63, putative	-1,567	1,637E-15
TcCLB.508145.30	RNA-binding protein, putative	-1,57	2,458E-10
TcCLB.506183.90	trans-sialidase (pseudogene), putative	-1,571	4,163E-17
TcCLB.508013.70	mucin TcMUCII, putative	-1,571	3,234E-06
TcCLB.503855.60	hypothetical protein, conserved	-1,572	3,204E-48
TcCLB.506859.180	hypothetical protein, conserved	-1,572	3,266E-17
TcCLB.404845.10	trans-sialidase (pseudogene), putative	-1,573	8,194E-47
TcCLB.510377.50	trans-sialidase, Group V, putative	-1,574	0,00004566
TcCLB.508209.94	hypothetical protein	-1,575	1,073E-30
TcCLB.507485.10	hypothetical protein, conserved	-1,575	1,893E-21
TcCLB.509093.10	mucin-associated surface protein (MASP), putative	-1,575	2,667E-08
TcCLB.505183.30	malic enzyme, putative	-1,576	1,386E-72
TcCLB.507473.30	trans-sialidase, Group II, putative	-1,576	1,499E-31
TcCLB.510237.120	mucin-associated surface protein (MASP), putative	-1,576	9,412E-14
TcCLB.506765.58	trans-sialidase (pseudogene), putative	-1,576	3,237E-12
TcCLB.511449.110	surface protease GP63, putative	-1,577	3,373E-12
TcCLB.511081.30	mucin TcMUCII, putative	-1,577	1,602E-08
TcCLB.508121.110	mucin-associated surface protein (MASP), putative	-1,578	8,898E-17
TcCLB.506671.20	mucin TcMUC (pseudogene), putative	-1,578	2,653E-09
TcCLB.510729.280	trans-sialidase, Group III, putative	-1,579	2,36E-39
TcCLB.507067.20	surface protease GP63, putative	-1,58	2,791E-22
TcCLB.506229.40	leucine-rich repeat protein, putative	-1,58	6,736E-18
TcCLB.508629.120	mucin-associated surface protein (MASP), putative	-1,581	6,119E-43
TcCLB.506617.10	surface protein TolT (TolT)	-1,581	3,898E-40
TcCLB.510373.110	hypothetical protein	-1,581	0,00008749
TcCLB.508943.4	glycerol uptake protein, putative	-1,582	0,00002366
TcCLB.510417.30	mucin TcMUCII, putative	-1,583	1,491E-10
TcCLB.508873.510	mucin-associated surface protein (MASP), putative	-1,583	3,748E-10
TcCLB.506199.10	hypothetical protein, conserved	-1,584	9,21E-32
TcCLB.406725.10	trans-sialidase (pseudogene), putative	-1,584	3,574E-08
TcCLB.506879.40	mucin-associated surface protein (MASP, pseudogene), pu	-1,585	1,832E-11
TcCLB.511255.10	trans-sialidase, Group V, putative	-1,586	6,74E-10
TcCLB.504787.20	mucin TcMUCII, putative	-1,587	3,245E-12
TcCLB.510717.20	surface antigen TASV, putative	-1,589	2,492E-66
TcCLB.507957.29	surface protease GP63 (pseudogene), putative	-1,589	0,000126
TcCLB.511127.60	kinesin, putative	-1,591	1,156E-76
TcCLB.506801.80	cysteine peptidase inhibitor (CHA)	-1,591	5,462E-38
TcCLB.510701.40	mucin-associated surface protein (MASP, pseudogene), pu	-1,591	0,0001599
TcCLB.507485.30	hypothetical protein, conserved	-1,592	1,055E-28
TcCLB.511403.30	mucin TcMUCII, putative	-1,592	1,041E-06
TcCLB.511173.64	mucin-associated surface protein (MASP), putative	-1,592	0,0009401
TcCLB.511495.30	hypothetical protein, conserved	-1,593	8,145E-32
TcCLB.509897.70	trans-sialidase, Group V, putative	-1,593	1,353E-19
TcCLB.508121.56	mucin-associated surface protein (MASP, pseudogene), pu	-1,593	2,774E-09

TcCLB.509267.3	receptor-type adenylate cyclase, putative	-1,593	3,313E-07
TcCLB.511923.30	trans-sialidase, Group V, putative	-1,594	2,369E-21
TcCLB.508883.39	mucin-associated surface protein (MASP, pseudogene), pu	-1,595	3,704E-17
TcCLB.507069.60	mucin TcMUCII, putative	-1,595	8,099E-07
TcCLB.506767.215	hypothetical protein, conserved (pseudogene)	-1,595	0,001378
TcCLB.506989.155	hypothetical protein, conserved	-1,598	3,576E-27
TcCLB.507637.180	mucin-associated surface protein (MASP, pseudogene), pu	-1,599	1,66E-23
TcCLB.510275.306	mucin-associated surface protein (MASP, pseudogene), pu	-1,601	2,103E-17
TcCLB.504081.280	mucin-associated surface protein (MASP, pseudogene), pu	-1,601	1,226E-07
TcCLB.511439.90	hypothetical protein, conserved	-1,602	5,559E-13
TcCLB.506337.90	surface antigen TASV, putative (TASV)	-1,603	1,555E-79
TcCLB.511149.199	mucin TcMUCII (pseudogene), putative	-1,603	0,0000753
TcCLB.511311.30	trans-sialidase, Group II, putative	-1,606	1,294E-24
TcCLB.510933.90	mucin-associated surface protein (MASP), putative	-1,607	2,723E-14
TcCLB.508983.20	trans-sialidase (pseudogene), putative	-1,608	3,701E-25
TcCLB.506909.155	mucin-associated surface protein (MASP, pseudogene), pu	-1,612	0,0000024
TcCLB.506459.10	mucin-associated surface protein (MASP), putative	-1,613	2,513E-20
TcCLB.506961.70	trans-sialidase (pseudogene), putative	-1,614	1,592E-28
TcCLB.506139.170	trans-sialidase (pseudogene), putative	-1,614	2,356E-12
TcCLB.460625.9	trans-sialidase (pseudogene), putative	-1,614	8,626E-08
TcCLB.506361.18	mucin TcMUC (pseudogene), putative	-1,614	3,351E-06
TcCLB.507699.170	surface protease GP63 (pseudogene), putative	-1,615	3,7E-27
TcCLB.506173.240	mucin TcMUCII, putative	-1,616	5,397E-11
TcCLB.506785.30	mucin TcMUCII, putative	-1,616	0,00000367
TcCLB.504219.50	hypothetical protein, conserved (pseudogene)	-1,617	0,0003603
TcCLB.508509.51	mucin-associated surface protein (MASP, pseudogene), pu	-1,62	3,329E-08
TcCLB.506277.30	mucin-associated surface protein (MASP, pseudogene), pu	-1,621	1,117E-21
TcCLB.506761.40	mucin-associated surface protein (MASP, pseudogene), pu	-1,621	1,615E-14
TcCLB.508499.20	mucin-associated surface protein (MASP), putative	-1,622	8,493E-24
TcCLB.506971.80	mucin-associated surface protein (MASP), putative (fragm	-1,623	1,345E-11
TcCLB.507071.34	mucin TcMUCII, putative	-1,623	0,0003268
TcCLB.508873.103	mucin-associated surface protein (MASP, pseudogene), pu	-1,624	7,158E-08
TcCLB.506939.40	mucin TcMUCII, putative	-1,624	3,02E-07
TcCLB.506841.20	trans-sialidase, Group I, putative	-1,625	6,119E-21
TcCLB.505023.40	mucin-associated surface protein (MASP), putative	-1,626	4,23E-18
TcCLB.507237.356	syntaxin binding protein (pseudogene), putative	-1,626	0,000066
TcCLB.510697.40	mucin-associated surface protein (MASP), putative	-1,627	1,356E-11
TcCLB.508999.70	mucin-associated surface protein (MASP), putative	-1,63	5,827E-16
TcCLB.510197.190	mucin-associated surface protein (MASP), putative	-1,63	1,48E-12
TcCLB.506229.60	hypothetical protein, conserved	-1,631	8,736E-57
TcCLB.508873.30	mucin-associated surface protein (MASP), putative	-1,631	4,015E-28
TcCLB.511553.130	mucin TcMUCII, putative	-1,631	1,854E-18
TcCLB.510269.60	trans-sialidase (pseudogene), putative	-1,631	2,019E-17
TcCLB.509755.50	trans-sialidase, Group V, putative	-1,631	6,909E-17
TcCLB.506763.35	hypothetical protein, conserved (pseudogene)	-1,631	1,008E-08

TcCLB.509867.70	trans-sialidase, Group VI, putative	-1,633	4,689E-10
TcCLB.503631.9	hypothetical protein, conserved	-1,634	2,482E-46
TcCLB.506679.280	endonuclease/exonuclease/phosphatase, putative	-1,634	3,733E-43
TcCLB.504115.60	trans-sialidase, Group V, putative	-1,634	7,751E-18
TcCLB.508165.350	mucin-associated surface protein (MASP), putative	-1,635	3,406E-09
TcCLB.511173.210	mucin-associated surface protein (MASP), putative	-1,636	1,659E-10
TcCLB.508327.10	mucin-associated surface protein (MASP), putative	-1,637	0,0003737
TcCLB.511603.380	mucin-associated surface protein (MASP), putative	-1,638	4,332E-12
TcCLB.508365.284	mucin-associated surface protein (MASP, pseudogene), pi	-1,638	6,031E-12
TcCLB.511247.9	hypothetical protein, conserved	-1,642	1,215E-06
TcCLB.511861.20	trans-sialidase, Group V, putative	-1,643	9,219E-37
TcCLB.509251.70	mucin-associated surface protein (MASP, pseudogene), pi	-1,643	2,586E-30
TcCLB.507429.40	mucin-associated surface protein (MASP, pseudogene), pi	-1,643	4,128E-21
TcCLB.508511.40	mucin-associated surface protein (MASP, pseudogene), pi	-1,645	9,875E-06
TcCLB.508011.20	mucin-associated surface protein (MASP, pseudogene), pi	-1,645	0,0004339
TcCLB.507081.100	hypothetical protein, conserved	-1,646	3,415E-36
TcCLB.509897.210	mucin-associated surface protein (MASP, pseudogene), pi	-1,646	2,967E-31
TcCLB.507071.80	trans-sialidase, Group VI, putative	-1,646	8,33E-13
TcCLB.506703.74	mucin-associated surface protein (MASP, pseudogene), pi	-1,646	0,00006786
TcCLB.509525.410	mucin-associated surface protein (MASP, pseudogene), pi	-1,648	2,739E-11
TcCLB.508293.130	hypothetical protein	-1,649	0,0001801
TcCLB.504533.40	trans-sialidase, Group IV, putative	-1,65	1,56E-47
TcCLB.508499.39	trans-sialidase (pseudogene), putative	-1,65	3,217E-13
TcCLB.506955.184	mucin-associated surface protein (MASP, pseudogene), pi	-1,65	8,139E-10
TcCLB.509115.20	trans-sialidase, Group V, putative	-1,651	6,443E-16
TcCLB.510025.20	mucin TcMUCII, putative	-1,652	2,795E-15
TcCLB.506297.350	SKP1-like protein	-1,653	0,00003513
TcCLB.510023.10	hypothetical protein, conserved (pseudogene)	-1,654	2,833E-07
TcCLB.506589.89	mucin-associated surface protein (MASP, pseudogene), pi	-1,656	3,586E-13
TcCLB.510503.70	trans-sialidase (pseudogene), putative	-1,657	2,158E-18
TcCLB.510625.109	mucin-associated surface protein (MASP), putative	-1,657	0,0006611
TcCLB.413409.10	trans-sialidase, putative (fragment)	-1,658	8,6E-20
TcCLB.508277.401	magnesium and cobalt transport protein, putative (fragm	-1,659	4,599E-55
TcCLB.510587.10	hypothetical protein	-1,659	0,0003415
TcCLB.510099.10	hypothetical protein, conserved	-1,66	8,248E-57
TcCLB.508875.20	mucin-associated surface protein (MASP), putative (fragn	-1,66	3,569E-31
TcCLB.511751.140	hypothetical protein	-1,661	1,006E-42
TcCLB.511797.184	mucin TcMUC (pseudogene), putative	-1,661	0,00000209
TcCLB.510625.88	mucin-associated surface protein (MASP), putative	-1,661	0,0001099
TcCLB.511183.200	mucin-associated surface protein (MASP, pseudogene), pi	-1,662	1,485E-28
TcCLB.506763.190	mucin TcMUCII, putative	-1,662	1,484E-11
TcCLB.508871.140	mucin TcMUCII, putative	-1,662	8,515E-10
TcCLB.511175.50	mucin TcMUC (pseudogene), putative	-1,663	7,502E-48
TcCLB.506269.99	mucin-associated surface protein (MASP), putative (fragn	-1,663	5,559E-32
TcCLB.510629.290	mucin-associated surface protein (MASP, pseudogene), pi	-1,663	3,065E-12

TcCLB.503787.50	mucin TcMUCII, putative	-1,663	4,108E-11
TcCLB.510693.19	mucin-associated surface protein (MASP, pseudogene), pi	-1,664	8,132E-21
TcCLB.506805.10	mucin-associated surface protein (MASP), putative	-1,664	1,098E-09
TcCLB.511079.80	mucin TcMUCII, putative	-1,664	0,0009556
TcCLB.505655.10	trans-sialidase (pseudogene), putative	-1,665	1,596E-19
TcCLB.508041.10	SKP1-like protein	-1,665	1,409E-14
TcCLB.504239.195	mucin-associated surface protein (MASP, pseudogene), pi	-1,665	6,334E-09
TcCLB.510095.20	trans-sialidase, Group II, putative	-1,665	0,00001687
TcCLB.509767.10	neutral sphingomyelinase activation associated factor-like	-1,666	4,858E-71
TcCLB.508563.20	trans-sialidase, Group II, putative	-1,667	2,754E-29
TcCLB.505025.100	mucin TcMUCII (pseudogene), putative	-1,668	5,917E-10
TcCLB.511183.409	mucin TcMUC (pseudogene), putative	-1,668	7,26E-09
TcCLB.510933.110	mucin-associated surface protein (MASP, pseudogene), pi	-1,669	7,259E-10
TcCLB.504081.540	trans-sialidase, Group V, putative	-1,67	7,568E-15
TcCLB.507747.80	mucin TcMUCII, putative	-1,67	1,187E-07
TcCLB.508115.20	trans-sialidase, putative	-1,671	1,295E-06
TcCLB.511599.110	mucin TcMUCII, putative	-1,673	3,703E-09
TcCLB.503479.40	hypothetical protein, conserved	-1,674	2,629E-96
TcCLB.504239.330	surface protease GP63 (pseudogene), putative	-1,676	6,429E-09
TcCLB.506445.90	magnesium and cobalt transport protein, putative	-1,677	7,817E-56
TcCLB.504127.20	hypothetical protein	-1,677	4,867E-27
TcCLB.506617.5	surface protein TolT, putative (fragment)	-1,678	1,469E-40
TcCLB.509387.19	trans-sialidase, putative	-1,679	4,82E-31
TcCLB.510207.40	mucin-associated surface protein (MASP), putative	-1,679	1,295E-21
TcCLB.508221.590	trans-sialidase, Group V, putative	-1,679	1,116E-09
TcCLB.509081.80	hypothetical protein, conserved (pseudogene)	-1,679	3,406E-09
TcCLB.508143.90	trans-sialidase (pseudogene), putative	-1,68	5,216E-33
TcCLB.508589.10	hypothetical protein	-1,681	1,522E-19
TcCLB.506753.230	hypothetical protein, conserved	-1,682	2,297E-54
TcCLB.507747.10	surface protease GP63, putative	-1,683	2,282E-20
TcCLB.511259.170	trans-sialidase (pseudogene), putative	-1,684	7,306E-19
TcCLB.503519.20	mucin TcMUCII, putative	-1,684	7,395E-12
TcCLB.508165.220	mucin TcMUCII (pseudogene), putative	-1,685	1,972E-06
TcCLB.511797.200	mucin-associated surface protein (MASP), putative	-1,686	1,758E-37
TcCLB.503977.15	surface protease GP63 (pseudogene), putative	-1,686	3,522E-08
TcCLB.503773.50	Nucleolar protein 56, putative (fragment) (NOP56)	-1,687	8,155E-33
TcCLB.508221.40	mucin TcMUCII, putative	-1,688	4,023E-08
TcCLB.506599.300	hypothetical protein	-1,688	0,001422
TcCLB.511165.50	Enriched in surface-labeled proteome protein 7 (ESP7)	-1,689	2,779E-44
TcCLB.508011.110	mucin-associated surface protein (MASP), putative	-1,689	3,554E-21
TcCLB.508293.140	mucin-associated surface protein (MASP), putative	-1,689	0,00003561
TcCLB.507953.170	hypothetical protein	-1,689	0,0002721
TcCLB.509525.390	mucin-associated surface protein (MASP), putative	-1,691	3,464E-17
TcCLB.511613.80	mucin-associated surface protein (MASP), putative	-1,691	1,065E-14
TcCLB.510209.27	mucin-associated surface protein (MASP), putative	-1,691	1,675E-09

TcCLB.506767.60	hypothetical protein, conserved (pseudogene)	-1,692	2,456E-08
TcCLB.510197.180	trans-sialidase, Group VI, putative	-1,693	2,794E-21
TcCLB.506967.70	mucin-associated surface protein (MASP), putative	-1,693	1,013E-18
TcCLB.511921.150	trans-sialidase, Group V, putative	-1,693	1,298E-17
TcCLB.510271.30	trans-sialidase (pseudogene), putative	-1,694	7,063E-22
TcCLB.510021.210	mucin-associated surface protein (MASP, pseudogene), pi	-1,694	7,174E-07
TcCLB.506131.120	trans-sialidase (pseudogene), putative	-1,695	1,019E-13
TcCLB.506277.20	mucin TcMUCII (pseudogene), putative	-1,697	7,126E-07
TcCLB.511451.80	trans-sialidase, Group V, putative	-1,698	1,137E-32
TcCLB.504115.10	trans-sialidase, Group VIII, putative	-1,699	5,701E-53
TcCLB.504081.350	mucin-associated surface protein (MASP), putative	-1,699	3,677E-13
TcCLB.506899.10	trans-sialidase, putative	-1,7	9,837E-06
TcCLB.506239.50	palmitoyl acyltransferase 6, putative	-1,701	5,545E-34
TcCLB.511849.30	mucin-associated surface protein (MASP), putative	-1,701	1,498E-14
TcCLB.508221.580	mucin-associated surface protein (MASP), putative	-1,701	2,928E-07
TcCLB.506755.10	hypothetical protein, conserved	-1,703	4,749E-50
TcCLB.508107.30	trans-sialidase, Group VI, putative	-1,707	2,81E-09
TcCLB.507605.13	mucin-associated surface protein (MASP), putative (fragm	-1,707	0,00003498
TcCLB.510033.30	trans-sialidase, Group V, putative	-1,708	6,48E-22
TcCLB.510105.310	mucin-associated surface protein (MASP), putative	-1,708	5,725E-16
TcCLB.510023.30	mucin-associated surface protein (MASP), putative (fragm	-1,708	6,875E-14
TcCLB.482369.29	arginine kinase (fragment)	-1,709	9,417E-11
TcCLB.511173.200	hypothetical protein	-1,709	4,472E-10
TcCLB.507255.20	trans-sialidase, Group II, putative	-1,711	5,323E-42
TcCLB.511605.10	hypothetical protein	-1,711	0,0009129
TcCLB.511919.10	mucin-associated surface protein (MASP), putative	-1,713	8,351E-30
TcCLB.505267.20	trans-sialidase (pseudogene), putative	-1,713	5,658E-15
TcCLB.506499.149	mucin TcMUCII, putative	-1,714	1,992E-13
TcCLB.508493.60	trans-sialidase (pseudogene), putative	-1,715	1,725E-36
TcCLB.504039.210	hypothetical protein	-1,715	0,002599
TcCLB.511255.130	mucin-associated surface protein (MASP), putative	-1,717	1,308E-12
TcCLB.460757.10	receptor-type adenylate cyclase, putative	-1,718	2,137E-26
TcCLB.509699.30	mucin TcMUCII (pseudogene), putative	-1,718	4,36E-08
TcCLB.510197.220	mucin-associated surface protein (MASP, pseudogene), pi	-1,721	2,32E-21
TcCLB.510729.140	NIMA-related kinase, putative	-1,722	8,449E-25
TcCLB.510503.100	surface protease GP63, putative	-1,724	9,718E-17
TcCLB.510629.70	mucin-associated surface protein (MASP), putative	-1,724	3,598E-06
TcCLB.510371.141	hypothetical protein, conserved (pseudogene)	-1,725	0,0004038
TcCLB.508873.25	hypothetical protein	-1,726	4,222E-15
TcCLB.506499.80	mucin-associated surface protein (MASP), putative	-1,726	1,003E-06
TcCLB.508647.280	malic enzyme	-1,727	2,45E-100
TcCLB.508495.100	trans-sialidase, Group V, putative	-1,727	1,283E-19
TcCLB.510387.40	mucin-associated surface protein (MASP), putative	-1,727	5,328E-12
TcCLB.510979.10	mucin-associated surface protein (MASP), putative	-1,73	2,174E-20
TcCLB.504031.35	mucin TcMUCII (pseudogene), putative	-1,73	3,944E-08

TcCLB.506767.119	surface protease GP63 (pseudogene), putative	-1,731	0,000051
TcCLB.448661.10	mucin-associated surface protein (MASP), putative (fragn	-1,732	2,035E-14
TcCLB.510565.150	surface protease GP63, putative	-1,733	1,921E-52
TcCLB.511553.120	surface protease GP63, putative	-1,733	4,17E-15
TcCLB.506589.130	trans-sialidase (pseudogene), putative	-1,734	7,469E-29
TcCLB.506973.105	mucin-associated surface protein (MASP, pseudogene), pi	-1,734	1,987E-10
TcCLB.506115.9	dispersed gene family protein 1 (DGF-1), putative	-1,735	1,529E-11
TcCLB.507953.140	trans-sialidase, Group V, putative	-1,735	2,603E-07
TcCLB.508789.60	mucin TcMUCII, putative	-1,736	4,011E-20
TcCLB.503649.10	mucin-associated surface protein (MASP, pseudogene), pi	-1,737	2,012E-10
TcCLB.508495.9	mucin-associated surface protein (MASP, pseudogene), pi	-1,737	2,632E-08
TcCLB.505025.90	mucin-associated surface protein (MASP), putative	-1,737	1,703E-07
TcCLB.507237.359	surface protease GP63 (pseudogene), putative	-1,739	0,001387
TcCLB.511185.100	mucin-associated surface protein (MASP), putative	-1,74	0,0001721
TcCLB.506479.120	cytidine triphosphate synthase, putative	-1,741	7,539E-36
TcCLB.509361.10	surface protease GP63 (pseudogene), putative	-1,742	5,808E-06
TcCLB.509525.50	hypothetical protein	-1,742	0,0001568
TcCLB.508761.280	mucin TcMUCII, putative	-1,743	5,128E-12
TcCLB.503609.100	mucin TcMUCII, putative	-1,743	0,0001172
TcCLB.511705.10	receptor-type adenylate cyclase, putative	-1,744	1,343E-44
TcCLB.511259.189	mucin TcMUCII, putative	-1,745	4,164E-08
TcCLB.506855.190	hypothetical protein, conserved	-1,746	4,323E-76
TcCLB.408547.10	mucin-associated surface protein (MASP), putative	-1,747	2,543E-16
TcCLB.507947.10	conserved protein, unknown function	-1,748	2,181E-19
TcCLB.511267.40	hypothetical protein, conserved	-1,749	3,547E-18
TcCLB.506067.230	trans-sialidase (pseudogene), putative	-1,75	3,737E-17
TcCLB.508165.100	mucin TcMUCII, putative	-1,75	7,484E-11
TcCLB.508011.30	mucin TcMUCII, putative	-1,75	6,523E-08
TcCLB.504239.10	hypothetical protein, conserved (pseudogene)	-1,751	9,071E-08
TcCLB.509899.40	trans-sialidase (pseudogene), putative	-1,752	1,359E-26
TcCLB.510475.60	hypothetical protein	-1,754	0,002426
TcCLB.503417.30	mucin TcMUCII, putative	-1,755	1,335E-08
TcCLB.507637.150	mucin-associated surface protein (MASP, pseudogene), pi	-1,759	2,348E-29
TcCLB.506681.40	hypothetical protein, conserved	-1,759	8,883E-26
TcCLB.508247.130	mucin-associated surface protein (MASP), putative	-1,759	6,263E-08
TcCLB.504007.20	trans-sialidase, Group V, putative	-1,761	2,959E-12
TcCLB.508013.50	mucin TcMUCII, putative	-1,761	1,052E-08
TcCLB.507959.90	mucin TcMUCII, putative	-1,761	0,0000762
TcCLB.508047.70	mucin-associated surface protein (MASP), putative	-1,762	3,8E-22
TcCLB.508295.70	hypothetical protein	-1,762	1,9E-09
TcCLB.506617.20	surface protein TolT (TolT)	-1,763	2,172E-37
TcCLB.503783.34	mucin-associated surface protein (MASP, pseudogene), pi	-1,763	2,042E-16
TcCLB.507083.20	dispersed gene family protein 1 (DGF-1), putative	-1,765	2,617E-52
TcCLB.509287.130	surface protease GP63 (pseudogene), putative	-1,768	6,13E-37
TcCLB.509753.100	mucin-associated surface protein (MASP), putative	-1,768	1,369E-10



TcCLB.507699.64	mucin TcMUCII, putative	-1,769	5,419E-10
TcCLB.510013.200	90 kDa surface protein, putative	-1,77	1,246E-11
TcCLB.509545.70	mucin TcMUCII, putative	-1,77	8,46E-07
TcCLB.507937.50	mucin-associated surface protein (MASP), putative	-1,771	5,899E-13
TcCLB.511597.50	trans-sialidase, putative (fragment)	-1,772	0,00004983
TcCLB.511141.10	hypothetical protein, conserved	-1,773	3,464E-35
TcCLB.503947.20	mucin-associated surface protein (MASP), putative	-1,773	2,58E-28
TcCLB.507041.120	variant-surface-glycoprotein phospholipase C, putative	-1,774	1,56E-55
TcCLB.509699.60	mucin-associated surface protein (MASP, pseudogene), pu	-1,774	1,242E-36
TcCLB.508097.60	mucin-associated surface protein (MASP), putative	-1,774	1,297E-08
TcCLB.509287.110	mucin-associated surface protein (MASP), putative	-1,775	3,095E-25
TcCLB.511701.19	surface protease GP63, putative (fragment)	-1,775	0,0004395
TcCLB.506789.334	hypothetical protein, conserved	-1,777	3,422E-34
TcCLB.452475.10	trans-sialidase, Group V, putative	-1,778	1,086E-15
TcCLB.508759.20	trans-sialidase, Group V, putative	-1,779	1,169E-13
TcCLB.506231.10	trans-sialidase, putative	-1,782	1,115E-25
TcCLB.511401.130	mucin-associated surface protein (MASP, pseudogene), pu	-1,782	2,632E-17
TcCLB.511843.70	trans-sialidase, Group V, putative	-1,782	5,102E-14
TcCLB.506909.20	mucin TcMUCI, putative	-1,782	1,658E-13
TcCLB.509265.110	trans-sialidase, Group IV, putative	-1,783	3,899E-29
TcCLB.506613.100	mucin TcMUCII (pseudogene), putative	-1,784	3,245E-12
TcCLB.506529.600	metacyclin II, putative	-1,784	1,675E-11
TcCLB.506763.330	mucin-associated surface protein (MASP), putative	-1,785	9,969E-12
TcCLB.506813.200	mucin-like glycoprotein (pseudogene), putative	-1,786	7,742E-07
TcCLB.509739.10	trans-sialidase, Group II, putative	-1,787	1,552E-26
TcCLB.506321.180	hypothetical protein	-1,787	0,00001458
TcCLB.504261.20	trans-sialidase, Group VI, putative	-1,788	4,084E-13
TcCLB.508221.680	serine-alanine-and proline-rich protein (pseudogene), puti	-1,788	4,021E-07
TcCLB.509153.80	Present in the outer mitochondrial membrane proteome 3	-1,789	5,338E-31
TcCLB.507091.120	mucin-associated surface protein (MASP), putative	-1,789	1,266E-07
TcCLB.509897.150	mucin-associated surface protein (MASP), putative	-1,791	4,009E-59
TcCLB.511565.30	mucin TcMUCII, putative	-1,791	1,146E-12
TcCLB.509079.10	surface protease GP63 (pseudogene), putative	-1,791	9,386E-09
TcCLB.510275.110	trans-sialidase (pseudogene), putative	-1,792	4,314E-24
TcCLB.509805.10	protein kinase A catalytic subunit, putative	-1,792	1,207E-18
TcCLB.506177.40	palmitoyl acyltransferase 6, putative	-1,794	1,739E-28
TcCLB.511269.50	protein kinase A catalytic subunit, putative (PKAC3)	-1,795	4,334E-24
TcCLB.511643.73	mucin-associated surface protein (MASP, pseudogene), pu	-1,796	4,637E-12
TcCLB.510807.50	mucin-associated surface protein (MASP), putative	-1,796	2,087E-11
TcCLB.506245.250	trans-sialidase, Group V, putative	-1,797	2,204E-17
TcCLB.503761.30	mucin TcMUCII, putative	-1,802	1,587E-08
TcCLB.506289.180	mucin-associated surface protein (MASP, pseudogene), pu	-1,803	1,115E-15
TcCLB.509753.60	mucin-associated surface protein (MASP), putative	-1,803	1,085E-09
TcCLB.508761.90	mucin-associated surface protein (MASP), putative	-1,803	0,00004786
TcCLB.510377.250	mucin TcMUCII (pseudogene), putative	-1,804	9,901E-08

TcCLB.507895.60	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, $\beta$	-1,806	7,406E-16
TcCLB.507313.20	trans-sialidase, Group VIII, putative	-1,808	3,317E-17
TcCLB.508759.40	mucin-associated surface protein (MASP), putative	-1,809	5,303E-25
TcCLB.511255.360	mucin-associated surface protein (MASP), putative	-1,809	1,484E-12
TcCLB.507613.10	dispersed gene family protein 1 (DGF-1), putative	-1,809	6,309E-06
TcCLB.508229.40	trans-sialidase, Group V, putative	-1,81	4,803E-52
TcCLB.468217.30	trans-sialidase, putative	-1,813	1,786E-23
TcCLB.508633.130	90 kDa surface protein, putative	-1,813	1,556E-19
TcCLB.506131.84	mucin-associated surface protein (MASP), putative	-1,813	3,63E-12
TcCLB.507747.114	mucin-associated surface protein (MASP, pseudogene), pi	-1,813	3,453E-11
TcCLB.506589.140	mucin-associated surface protein (MASP), putative	-1,814	3,893E-21
TcCLB.511681.20	histone H4, putative	-1,815	6,218E-43
TcCLB.506911.10	mucin TcMUCII, putative	-1,815	1,409E-07
TcCLB.510361.200	mucin TcMUCII, putative	-1,815	5,847E-07
TcCLB.508125.14	mucin-associated surface protein (MASP), putative (fragn	-1,816	4,167E-11
TcCLB.511797.120	mucin-associated surface protein (MASP), putative	-1,817	4,451E-20
TcCLB.509545.40	trans-sialidase (pseudogene), putative	-1,819	6,941E-22
TcCLB.508013.110	mucin-associated surface protein (MASP), putative	-1,822	1,08E-12
TcCLB.510085.4	mucin TcMUCII (pseudogene), putative	-1,822	5,793E-08
TcCLB.507523.80	mucin-associated surface protein (MASP), putative	-1,824	3,106E-16
TcCLB.507357.80	mucin TcMUCII, putative	-1,825	3,033E-10
TcCLB.504039.70	hypothetical protein	-1,825	1,123E-06
TcCLB.510715.90	trans-sialidase, Group V, putative	-1,827	7,3E-19
TcCLB.510391.40	mucin TcMUCII, putative	-1,828	6,03E-11
TcCLB.504039.200	mucin-associated surface protein (MASP), putative	-1,828	0,001654
TcCLB.508325.230	trans-sialidase, Group IV, putative	-1,83	1,943E-135
TcCLB.506309.140	mucin-associated surface protein (MASP), putative	-1,83	0,0002742
TcCLB.508483.13	trans-sialidase (pseudogene), putative	-1,832	1,163E-13
TcCLB.511603.20	mucin TcMUCII, putative	-1,832	6,166E-11
TcCLB.504081.400	mucin-associated surface protein (MASP), putative	-1,833	4,495E-16
TcCLB.507611.260	trans-sialidase (pseudogene), putative	-1,833	6,298E-10
TcCLB.508495.80	mucin-associated surface protein (MASP, pseudogene), pi	-1,833	1,653E-06
TcCLB.506599.120	surface protease GP63 (pseudogene), putative	-1,835	6,994E-06
TcCLB.510279.330	mucin-associated surface protein (MASP), putative	-1,836	2,433E-17
TcCLB.503849.51	mucin TcMUCII (pseudogene), putative	-1,836	2,108E-12
TcCLB.511245.120	hypothetical protein, conserved	-1,837	1,408E-44
TcCLB.504155.160	mucin-associated surface protein (MASP), putative	-1,837	7,334E-20
TcCLB.507295.50	mucin-associated surface protein (MASP), putative	-1,84	1,627E-35
TcCLB.511565.10	mucin TcMUCII, putative (fragment)	-1,84	3,099E-06
TcCLB.506329.20	mucin TcMUCII, putative	-1,841	3,37E-09
TcCLB.508677.40	trans-sialidase, Group VIII, putative	-1,843	1,083E-71
TcCLB.509867.60	mucin-associated surface protein (MASP), putative	-1,845	3,921E-23
TcCLB.509631.90	mucin TcMUCII, putative	-1,847	4,686E-15
TcCLB.403875.10	cysteine peptidase, Clan CA, family C51, putative	-1,848	2,067E-84
TcCLB.511603.190	mucin-associated surface protein (MASP), putative	-1,848	7,408E-12

TcCLB.506755.60	hypothetical protein, conserved	-1,85	7,672E-49
TcCLB.508977.20	mucin-associated surface protein (MASP), putative	-1,85	9,829E-13
TcCLB.503741.20	mucin-associated surface protein (MASP, pseudogene), pu	-1,852	1,364E-31
TcCLB.506763.340	mucin TcMUCII, putative	-1,852	3,852E-10
TcCLB.506925.250	hypothetical protein, conserved (pseudogene)	-1,853	1,592E-58
TcCLB.510979.50	mucin-associated surface protein (MASP), putative	-1,853	6,551E-33
TcCLB.508481.30	trans-sialidase (pseudogene), putative	-1,853	1,463E-09
TcCLB.508147.79	mucin TcMUCII, putative	-1,853	1,415E-07
TcCLB.511057.60	mucin-associated surface protein (MASP), putative	-1,854	2,177E-18
TcCLB.509545.50	mucin-associated surface protein (MASP), putative	-1,854	7,512E-18
TcCLB.507633.80	trans-sialidase, Group V, putative	-1,855	2,983E-14
TcCLB.508313.130	mucin TcMUCII, putative	-1,855	8,319E-10
TcCLB.511553.45	surface protease GP63 (pseudogene), putative	-1,855	3,92E-08
TcCLB.508165.30	mucin-associated surface protein (MASP), putative	-1,856	1,166E-13
TcCLB.506281.90	mucin TcMUCII, putative	-1,858	1,733E-07
TcCLB.508365.180	hypothetical protein	-1,858	7,251E-06
TcCLB.506759.230	hypothetical protein	-1,859	0,0003192
TcCLB.509663.47	trans-sialidase (pseudogene), putative	-1,86	3,008E-17
TcCLB.510191.10	mucin-associated surface protein (MASP), putative	-1,86	8,173E-15
TcCLB.510275.250	mucin-associated surface protein (MASP), putative	-1,861	1,952E-38
TcCLB.508433.200	trans-sialidase (pseudogene), putative	-1,861	5,127E-22
TcCLB.510157.20	hypothetical protein, conserved	-1,861	2,961E-11
TcCLB.506671.10	mucin-associated surface protein (MASP), putative	-1,862	5,128E-24
TcCLB.503973.280	mucin-associated surface protein (MASP), putative	-1,863	3,264E-15
TcCLB.507959.350	mucin-associated surface protein (MASP), putative	-1,865	5,499E-44
TcCLB.504039.170	mucin-associated surface protein (MASP, pseudogene), pu	-1,866	1,719E-09
TcCLB.506309.100	mucin-associated surface protein (MASP, pseudogene), pu	-1,867	3,406E-06
TcCLB.508745.60	mucin TcMUCII, putative	-1,868	2,793E-17
TcCLB.506769.4	mucin-associated surface protein (MASP, pseudogene), pu	-1,868	2,854E-12
TcCLB.506289.230	mucin-associated surface protein (MASP, pseudogene), pu	-1,869	1,784E-24
TcCLB.508703.20	trans-sialidase (pseudogene), putative	-1,869	1,984E-14
TcCLB.511439.20	lipase, putative	-1,87	4,064E-28
TcCLB.510025.60	hypothetical protein	-1,87	0,0001641
TcCLB.506615.29	mucin-associated surface protein (MASP, pseudogene), pu	-1,871	1,243E-72
TcCLB.511089.15	hypothetical protein	-1,871	2,518E-10
TcCLB.508979.60	mucin-associated surface protein (MASP), putative	-1,872	1,096E-34
TcCLB.510355.41	mucin-associated surface protein (MASP, pseudogene), pu	-1,873	1,292E-14
TcCLB.509195.61	mucin TcMUCII, putative	-1,876	2,044E-12
TcCLB.511907.160	mucin-associated surface protein (MASP, pseudogene), pu	-1,877	1,532E-43
TcCLB.510805.60	surface protease GP63 (pseudogene), putative	-1,877	8,525E-08
TcCLB.446785.10	trans-sialidase, putative (fragment)	-1,878	3,274E-42
TcCLB.507075.30	trans-sialidase (pseudogene), putative	-1,878	7,63E-35
TcCLB.506459.219	mucin TcMUCII, putative	-1,878	1,028E-21
TcCLB.507069.220	mucin-associated surface protein (MASP), putative	-1,879	1,381E-15
TcCLB.510191.40	trans-sialidase (pseudogene), putative	-1,88	1,071E-08

TcCLB.506067.300	trans-sialidase, Group V, putative	-1,881	5,864E-27
TcCLB.503609.60	mucin-associated surface protein (MASP), putative	-1,882	3,425E-14
TcCLB.504787.99	mucin TcMUCII, putative	-1,882	3,057E-12
TcCLB.508489.10	hypothetical protein, conserved	-1,883	1,473E-55
TcCLB.510297.40	hypothetical protein	-1,884	2,645E-42
TcCLB.508175.60	hypothetical protein, conserved	-1,885	1,579E-46
TcCLB.506597.20	mucin-associated surface protein (MASP, pseudogene), putative	-1,886	5,046E-11
TcCLB.510025.165	hypothetical protein, conserved (pseudogene)	-1,886	9,333E-10
TcCLB.503717.71	trans-sialidase (pseudogene), putative	-1,886	2,347E-06
TcCLB.506971.10	mucin-associated surface protein (MASP), putative	-1,887	1,253E-15
TcCLB.508789.220	mucin TcMUCII, putative	-1,888	1,27E-10
TcCLB.507107.30	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, putative	-1,889	6,357E-14
TcCLB.506279.200	mucin TcMUCII, putative	-1,889	9,17E-10
TcCLB.506951.60	mucin-associated surface protein (MASP), putative	-1,89	9,222E-51
TcCLB.511173.50	mucin-associated surface protein (MASP), putative	-1,89	6,102E-36
TcCLB.510025.50	trans-sialidase, Group V, putative	-1,892	1,449E-46
TcCLB.511117.50	surface protease GP63, putative	-1,892	3,29E-16
TcCLB.508163.10	mucin-associated surface protein (MASP, pseudogene), putative	-1,893	0,00001617
TcCLB.511907.130	mucin-like glycoprotein, putative	-1,894	1,735E-34
TcCLB.509699.200	mucin TcMUCII, putative	-1,894	1,774E-06
TcCLB.506767.110	mucin-associated surface protein (MASP), putative	-1,895	8,892E-23
TcCLB.504975.10	mucin-associated surface protein (MASP, pseudogene), putative	-1,895	9,477E-17
TcCLB.506813.80	trans-sialidase, Group V, putative	-1,895	1,238E-12
TcCLB.504039.120	mucin TcMUCII, putative	-1,896	4,522E-10
TcCLB.507237.260	mucin TcMUCII, putative	-1,896	9,577E-08
TcCLB.511553.10	mucin-associated surface protein (MASP), putative	-1,897	1,39E-24
TcCLB.506067.198	mucin-associated surface protein (MASP, pseudogene), putative	-1,897	7,034E-09
TcCLB.506563.70	calpain-like cysteine peptidase (pseudogene), putative	-1,898	8,221E-41
TcCLB.510377.420	surface protease GP63, putative	-1,898	0,00006717
TcCLB.510371.50	mucin-associated surface protein (MASP), putative	-1,899	2,352E-25
TcCLB.507437.10	mucin-associated surface protein (MASP), putative	-1,899	3,131E-20
TcCLB.510363.320	mucin-associated surface protein (MASP), putative	-1,9	1,018E-38
TcCLB.511599.120	mucin-associated surface protein (MASP), putative	-1,9	3,798E-15
TcCLB.506139.1	mucin-associated surface protein (MASP), putative (fragment)	-1,9	0,00001347
TcCLB.507959.300	mucin-associated surface protein (MASP), putative	-1,901	9,669E-27
TcCLB.509915.50	trans-sialidase (pseudogene), putative	-1,902	2,115E-10
TcCLB.508161.10	mucin-associated surface protein (MASP), putative	-1,902	2,77E-09
TcCLB.506609.80	mucin TcMUCII, putative	-1,905	2,233E-08
TcCLB.511599.30	90 kDa surface protein, putative	-1,905	0,00009808
TcCLB.510017.50	surface protease GP63 (pseudogene), putative	-1,907	2,583E-10
TcCLB.506245.190	trans-sialidase, Group V, putative	-1,908	2,466E-25
TcCLB.504239.150	hypothetical protein	-1,909	0,0009574
TcCLB.507295.30	mucin TcMUCII, putative	-1,91	4,818E-27
TcCLB.510551.20	trans-sialidase (pseudogene), putative	-1,91	4,073E-26
TcCLB.507185.40	trans-sialidase (pseudogene), putative	-1,91	1,101E-22

TcCLB.503403.20	trans-sialidase, Group II, putative	-1,911	3,676E-24
TcCLB.506245.60	trans-sialidase, Group V, putative	-1,911	5,079E-12
TcCLB.504689.20	mucin-associated surface protein (MASP, pseudogene), pu	-1,912	6,501E-36
TcCLB.507023.100	hypothetical protein	-1,914	9,901E-50
TcCLB.509843.20	trans-sialidase, Group VII, putative	-1,915	1,294E-92
TcCLB.511599.80	trans-sialidase, Group V, putative	-1,915	4,561E-33
TcCLB.503875.30	mucin-associated surface protein (MASP), putative	-1,916	3,722E-35
TcCLB.510921.20	mucin TcMUCII, putative	-1,916	1,032E-23
TcCLB.404711.10	trans-sialidase (pseudogene), putative	-1,917	2,673E-70
TcCLB.508341.10	mucin-associated surface protein (MASP), putative	-1,917	1,725E-07
TcCLB.509575.4	trans-sialidase, putative (fragment)	-1,918	1,343E-17
TcCLB.508313.14	trans-sialidase, putative	-1,919	6,663E-14
TcCLB.506801.40	mucin-associated surface protein (MASP), putative	-1,92	5,741E-44
TcCLB.510329.290	diacylglycerol kinase-like protein, putative	-1,92	1,654E-42
TcCLB.510553.30	mucin-associated surface protein (MASP), putative	-1,92	4,391E-23
TcCLB.504249.111	mucin-associated surface protein (MASP), putative	-1,92	2,597E-19
TcCLB.445783.10	mucin-associated surface protein (MASP, pseudogene), pu	-1,92	4,313E-15
TcCLB.510279.310	mucin-associated surface protein (MASP), putative	-1,921	1,277E-20
TcCLB.508109.10	mucin-associated surface protein (MASP), putative	-1,921	7,361E-10
TcCLB.506035.4	trans-sialidase, putative (fragment)	-1,923	3,082E-36
TcCLB.508221.894	mucin-associated surface protein (MASP), putative	-1,923	1,303E-13
TcCLB.509663.69	trans-sialidase, putative (fragment)	-1,923	0,01538
TcCLB.410269.10	trans-sialidase, putative (fragment)	-1,924	3,372E-17
TcCLB.507297.30	metacaspase, putative	-1,925	1,837E-68
TcCLB.508221.260	90 kDa surface protein, putative	-1,925	3,322E-12
TcCLB.506909.150	mucin TcMUCII (pseudogene), putative	-1,925	4,676E-06
TcCLB.508151.5	mucin-associated surface protein (MASP, pseudogene), pu	-1,925	0,00001712
TcCLB.508165.150	mucin-associated surface protein (MASP), putative	-1,926	1,028E-23
TcCLB.504787.80	mucin TcMUCII, putative	-1,927	1,511E-22
TcCLB.509569.30	hypothetical protein, conserved	-1,928	9,478E-83
TcCLB.511173.100	mucin-associated surface protein (MASP), putative	-1,928	6,777E-32
TcCLB.508011.120	trans-sialidase (pseudogene), putative	-1,929	2,642E-20
TcCLB.507071.220	mucin-associated surface protein (MASP, pseudogene), pu	-1,933	2,711E-13
TcCLB.503899.90	asparagine synthetase a, putative	-1,934	1,302E-37
TcCLB.506331.120	trans-sialidase (pseudogene), putative	-1,937	7,631E-37
TcCLB.508219.110	mucin-associated surface protein (MASP), putative	-1,937	2,756E-17
TcCLB.503773.24	hypothetical protein, conserved	-1,938	7,218E-25
TcCLB.508753.40	mucin-associated surface protein (MASP, pseudogene), pu	-1,94	1,224E-37
TcCLB.510417.20	mucin-associated surface protein (MASP, pseudogene), pu	-1,94	1,997E-24
TcCLB.509765.129	trans-sialidase, putative (fragment)	-1,941	6,139E-62
TcCLB.430895.10	hypothetical protein, conserved	-1,945	2,411E-32
TcCLB.510205.80	mucin-associated surface protein (MASP), putative	-1,946	3,348E-19
TcCLB.507163.75	hypothetical protein	-1,946	1,077E-08
TcCLB.506799.50	mucin-associated surface protein (MASP), putative	-1,948	1,257E-62
TcCLB.508761.70	mucin-associated surface protein (MASP), putative	-1,948	1,239E-40

TcCLB.508121.130	mucin-associated surface protein (MASP, pseudogene), putative	-1,948	1,547E-24
TcCLB.508045.120	trans-sialidase, Group III, putative	-1,949	8,622E-96
TcCLB.510361.80	trans-sialidase, Group V, putative	-1,949	3,981E-21
TcCLB.510359.600	mucin-associated surface protein (MASP), putative	-1,95	7,127E-22
TcCLB.510583.10	mucin TcMUCII, putative	-1,951	8,437E-13
TcCLB.506939.200	trans-sialidase (pseudogene), putative	-1,952	1,849E-19
TcCLB.510351.120	Nudix hydrolase 2, putative (Nudix2)	-1,954	4,428E-63
TcCLB.506965.10	mucin TcMUCII, putative	-1,954	3,696E-13
TcCLB.508221.490	mucin-associated surface protein (MASP), putative	-1,955	1,689E-06
TcCLB.508745.70	mucin-associated surface protein (MASP), putative (fragment)	-1,956	0,0001276
TcCLB.506995.70	mucin-associated surface protein (MASP), putative	-1,957	3,66E-28
TcCLB.510071.30	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, putative	-1,958	7,818E-30
TcCLB.506597.51	hypothetical protein	-1,959	1,345E-06
TcCLB.506613.60	mucin TcMUCII (pseudogene), putative	-1,96	9,925E-13
TcCLB.504201.30	trans-sialidase, Group V, putative	-1,962	1,243E-19
TcCLB.508515.150	trans-sialidase, Group VIII, putative	-1,963	9,364E-32
TcCLB.510465.125	trans-sialidase (pseudogene), putative	-1,963	0,00009763
TcCLB.510359.380	mucin-associated surface protein (MASP), putative	-1,965	6,294E-15
TcCLB.504491.20	trans-sialidase, putative	-1,966	9,798E-16
TcCLB.506501.329	mucin-associated surface protein (MASP, pseudogene), putative	-1,966	3,936E-10
TcCLB.506773.10	hypothetical protein, conserved	-1,966	0,00000845
TcCLB.509663.37	hypothetical protein, conserved	-1,972	2,8E-56
TcCLB.508113.20	trans-sialidase (pseudogene), putative	-1,972	2,181E-47
TcCLB.506967.40	mucin TcMUCII, putative	-1,973	1,886E-12
TcCLB.503625.10	asparagine synthetase a, putative	-1,977	7,898E-67
TcCLB.418613.20	mucin-associated surface protein (MASP), putative (fragment)	-1,977	1,731E-08
TcCLB.509479.10	mucin TcMUCII, putative	-1,978	1,323E-23
TcCLB.506741.140	mucin-associated surface protein (MASP), putative	-1,978	1,335E-18
TcCLB.506661.40	hypothetical protein, conserved	-1,979	2,269E-47
TcCLB.511255.490	trans-sialidase (pseudogene), putative	-1,979	5,088E-11
TcCLB.506971.70	mucin TcMUCII, putative	-1,979	2,48E-07
TcCLB.510061.20	hypothetical protein	-1,979	0,00004909
TcCLB.504277.11	surface protein TolT, putative	-1,98	3,866E-51
TcCLB.507497.11	trans-sialidase, putative (fragment)	-1,98	1,124E-26
TcCLB.507867.10	mucin-associated surface protein (MASP), putative	-1,982	0,00001951
TcCLB.511149.70	mucin TcMUCII, putative	-1,984	3,727E-19
TcCLB.422207.10	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, putative	-1,985	0,0002842
TcCLB.508165.420	mucin-associated surface protein (MASP), putative	-1,986	6,077E-40
TcCLB.507065.127	mucin-associated surface protein (MASP, pseudogene), putative	-1,987	4,624E-27
TcCLB.503827.5	mucin-associated surface protein (MASP), putative	-1,987	4,275E-06
TcCLB.511725.40	hypothetical protein, conserved	-1,988	6,901E-52
TcCLB.508153.1130	hypothetical protein	-1,988	1,057E-20
TcCLB.507067.50	mucin TcMUCII (pseudogene), putative	-1,989	3,631E-11
TcCLB.508221.820	mucin-associated surface protein (MASP), putative	-1,991	2,259E-21
TcCLB.506599.189	mucin TcMUCII, putative	-1,992	1,311E-17

TcCLB.508495.170	mucin TcMUCII, putative	-1,993	8,085E-29
TcCLB.511603.80	mucin-associated surface protein (MASP), putative	-1,996	1,415E-21
TcCLB.507069.40	trans-sialidase, Group VI, putative	-1,997	2,874E-21
TcCLB.509755.70	mucin TcMUCII, putative	-1,998	6,469E-07
TcCLB.510377.340	hypothetical protein	-1,998	0,00002125
TcCLB.508305.40	trans-sialidase, Group V, putative	-1,999	2,61E-24
TcCLB.510959.30	mucin-associated surface protein (MASP), putative	-2	2,658E-25
TcCLB.510307.284	trans-sialidase, Group IV, putative	-2,001	1,384E-89
TcCLB.511431.10	protein kinase, putative	-2,003	3,794E-36
TcCLB.510013.120	surface protease GP63, putative	-2,004	0,00001569
TcCLB.511645.10	mucin-associated surface protein (MASP), putative	-2,005	1,063E-35
TcCLB.408547.5	mucin TcMUCII, putative	-2,006	2,526E-11
TcCLB.506281.20	mucin TcMUCI, putative	-2,006	6,116E-10
TcCLB.510207.30	trans-sialidase, Group V, putative	-2,009	6,781E-21
TcCLB.504779.10	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, p	-2,009	1,223E-18
TcCLB.508669.21	hypothetical protein	-2,01	1,658E-13
TcCLB.504201.40	mucin-associated surface protein (MASP), putative	-2,012	2,019E-24
TcCLB.511603.470	90 kDa surface protein, putative	-2,013	3,978E-34
TcCLB.507801.240	mucin-associated surface protein (MASP, pseudogene), p	-2,013	2,163E-27
TcCLB.508873.60	trans-sialidase, Group V, putative	-2,013	1,34E-12
TcCLB.508109.30	mucin-associated surface protein (MASP), putative	-2,013	2,367E-09
TcCLB.508667.40	hypothetical protein, conserved	-2,016	1,017E-114
TcCLB.506703.50	mucin-associated surface protein (MASP), putative	-2,016	1,378E-29
TcCLB.503717.80	mucin-associated surface protein (MASP, pseudogene), p	-2,017	3,101E-16
TcCLB.511081.41	mucin-associated surface protein (MASP, pseudogene), p	-2,017	1,108E-14
TcCLB.508253.20	trans-sialidase (pseudogene), putative	-2,018	1,347E-12
TcCLB.503717.20	mucin-associated surface protein (MASP), putative	-2,019	1,12E-38
TcCLB.511173.360	mucin-associated surface protein (MASP), putative	-2,019	4,604E-24
TcCLB.504039.250	surface protease GP63 (pseudogene), putative	-2,02	4,355E-21
TcCLB.509197.30	cation transporter, putative	-2,021	2,53E-49
TcCLB.509137.20	hypothetical protein	-2,024	5,148E-72
TcCLB.508149.60	trans-sialidase (pseudogene), putative	-2,024	1,083E-15
TcCLB.508125.140	mucin-associated surface protein (MASP), putative	-2,025	2,763E-22
TcCLB.506267.90	mucin-associated surface protein (MASP), putative	-2,027	1,675E-34
TcCLB.508435.40	mucin-associated surface protein (MASP, pseudogene), p	-2,027	1,108E-17
TcCLB.510013.110	mucin TcMUCII, putative	-2,027	4,284E-06
TcCLB.508153.210	hypothetical protein, conserved	-2,028	2,469E-50
TcCLB.508173.30	trans-sialidase (pseudogene), putative	-2,029	4,545E-47
TcCLB.506821.60	mucin TcMUCI, putative	-2,029	3,226E-36
TcCLB.511437.10	surface protease GP63, putative	-2,029	3,105E-34
TcCLB.508979.30	mucin TcMUCII, putative	-2,029	7,619E-23
TcCLB.507747.110	mucin TcMUCII, putative	-2,03	7,009E-20
TcCLB.508873.289	90 kDa surface protein, putative	-2,031	6,082E-10
TcCLB.503501.30	surface protease GP63 (pseudogene), putative	-2,031	7,393E-09
TcCLB.509835.30	hypothetical protein, conserved	-2,034	1,778E-75

TcCLB.510693.200	mucin TcMUCII, putative	-2,034	1,31E-11
TcCLB.506955.150	mucin-associated surface protein (MASP), putative	-2,036	3,95E-27
TcCLB.510085.50	trans-sialidase (pseudogene), putative	-2,036	8,171E-20
TcCLB.510033.14	mucin-associated surface protein (MASP, pseudogene), pu	-2,037	3,988E-85
TcCLB.509525.270	mucin TcMUCII, putative	-2,037	0,00001781
TcCLB.510155.220	trans-sialidase (pseudogene), putative	-2,038	4,766E-30
TcCLB.507067.40	mucin TcMUCII, putative	-2,038	1,459E-18
TcCLB.510483.224	mucin TcMUCII (pseudogene), putative	-2,039	4,19E-14
TcCLB.511863.10	mucin-associated surface protein (MASP), putative	-2,042	3,426E-19
TcCLB.508433.145	mucin TcMUCII (pseudogene), putative	-2,043	2,876E-07
TcCLB.511557.50	Present in the outer mitochondrial membrane proteome 1	-2,044	7,891E-48
TcCLB.506243.110	expression site-associated gene (ESAG-like) protein, putat	-2,044	2,631E-19
TcCLB.511311.20	trans-sialidase, Group II, putative	-2,045	5,937E-22
TcCLB.506067.100	mucin TcMUCII, putative	-2,047	0,00005156
TcCLB.506335.50	mucin-associated surface protein (MASP), putative	-2,048	7,587E-33
TcCLB.510115.30	trans-sialidase, Group VI, putative	-2,049	7,726E-37
TcCLB.508799.200	hypothetical protein, conserved	-2,05	3,473E-34
TcCLB.503977.70	mucin-associated surface protein (MASP, pseudogene), pu	-2,051	1,387E-23
TcCLB.506967.150	trans-sialidase (pseudogene), putative	-2,052	5,552E-20
TcCLB.508229.60	trans-sialidase, Group VII, putative	-2,052	1,647E-07
TcCLB.506753.249	hypothetical protein, conserved	-2,055	7,581E-10
TcCLB.503741.40	mucin TcMUCII, putative	-2,056	2,512E-12
TcCLB.509387.10	trans-sialidase, Group VIII, putative	-2,058	2,653E-61
TcCLB.509525.40	hypothetical protein, conserved	-2,058	0,00007647
TcCLB.509525.230	mucin-associated surface protein (MASP), putative	-2,06	1,08E-22
TcCLB.503939.4	hypothetical protein, conserved	-2,061	1,137E-11
TcCLB.510375.40	mucin-associated surface protein (MASP), putative	-2,061	3,236E-09
TcCLB.507071.190	trans-sialidase, Group V, putative	-2,064	1,634E-24
TcCLB.506753.15	dispersed gene family protein 1 (DGF-1, pseudogene), put	-2,064	0,00007488
TcCLB.509037.20	surface protease GP63, putative	-2,065	3,019E-33
TcCLB.510279.40	90 kDa surface protein, putative	-2,066	2,296E-15
TcCLB.508789.80	mucin-associated surface protein (MASP), putative	-2,066	8,75E-13
TcCLB.507601.40	Nudix hydrolase 2, putative (Nudix2)	-2,067	1,935E-70
TcCLB.506279.74	mucin-associated surface protein (MASP, pseudogene), pu	-2,067	1,446E-15
TcCLB.506599.270	mucin TcMUCII, putative	-2,067	2,53E-10
TcCLB.507561.10	trans-sialidase, putative	-2,068	1,705E-10
TcCLB.510583.209	mucin-associated surface protein (MASP, pseudogene), pu	-2,068	0,00002229
TcCLB.481211.30	mucin TcMUCII, putative	-2,069	1,852E-46
TcCLB.509959.60	trans-sialidase (pseudogene), putative	-2,069	1,004E-10
TcCLB.508173.40	mercaptopyruvate sulfurtransferase, putative (MST)	-2,07	1,045E-99
TcCLB.506759.20	mucin-associated surface protein (MASP), putative	-2,07	1,799E-22
TcCLB.509699.110	mucin-associated surface protein (MASP), putative	-2,072	3,824E-27
TcCLB.508809.50	hypothetical protein	-2,073	1,061E-34
TcCLB.511603.30	mucin-associated surface protein (MASP), putative	-2,075	3,119E-16
TcCLB.508261.60	mucin TcMUCII, putative	-2,075	4,616E-13



TcCLB.506501.300	hypothetical protein	-2,076	2,183E-06
TcCLB.511153.84	hypothetical protein, conserved	-2,078	5,401E-88
TcCLB.507869.20	trans-sialidase (pseudogene), putative	-2,081	8,022E-92
TcCLB.511399.50	mucin-associated surface protein (MASP), putative	-2,081	8,179E-28
TcCLB.507699.180	mucin-associated surface protein (MASP, pseudogene), pi	-2,081	8,948E-23
TcCLB.506245.270	mucin-associated surface protein (MASP), putative	-2,081	5,48E-20
TcCLB.506499.70	mucin TcMUCII, putative	-2,082	5,758E-20
TcCLB.509525.360	mucin-associated surface protein (MASP, pseudogene), pi	-2,082	7,869E-18
TcCLB.507987.30	mucin-associated surface protein (MASP), putative (fragm	-2,082	5,377E-16
TcCLB.507955.20	mucin-associated surface protein (MASP), putative	-2,082	9,191E-11
TcCLB.507699.130	mucin-associated surface protein (MASP), putative	-2,083	1,431E-37
TcCLB.507085.10	mucin TcMUCII, putative	-2,084	4,738E-34
TcCLB.509753.210	mucin-associated surface protein (MASP), putative	-2,084	1,42E-31
TcCLB.506759.190	surface protease GP63 (pseudogene), putative	-2,084	3,492E-09
TcCLB.511213.15	mucin-associated surface protein (MASP), putative	-2,085	5,211E-25
TcCLB.511603.304	mucin TcMUCII, putative	-2,085	6,073E-14
TcCLB.509753.70	mucin-associated surface protein (MASP), putative	-2,085	2,316E-13
TcCLB.506321.110	mucin TcMUCII, putative	-2,086	4,178E-47
TcCLB.509699.150	mucin TcMUCII, putative	-2,087	2,371E-06
TcCLB.506377.10	trans-sialidase, putative	-2,088	3,101E-78
TcCLB.510979.60	mucin TcMUCII, putative	-2,088	1,487E-19
TcCLB.507905.39	mucin-associated surface protein (MASP), putative	-2,09	1,049E-142
TcCLB.504261.40	mucin-associated surface protein (MASP), putative	-2,09	8,495E-17
TcCLB.508873.160	mucin-associated surface protein (MASP), putative	-2,091	6,762E-08
TcCLB.508289.70	mucin-associated surface protein (MASP, pseudogene), pi	-2,092	1,107E-15
TcCLB.511173.370	trans-sialidase, Group VI, putative	-2,093	7,674E-18
TcCLB.511259.50	trans-sialidase (pseudogene), putative	-2,094	4,918E-39
TcCLB.510803.15	mucin-associated surface protein (MASP, pseudogene), pi	-2,094	0,00003461
TcCLB.506611.40	mucin-associated surface protein (MASP), putative	-2,095	2,016E-40
TcCLB.509085.50	trans-sialidase (pseudogene), putative	-2,095	2,738E-34
TcCLB.511077.90	mucin TcMUCII, putative	-2,095	1,164E-18
TcCLB.510329.20	hypothetical protein, conserved	-2,096	3,394E-79
TcCLB.509897.124	mucin-associated surface protein (MASP, pseudogene), pi	-2,097	1,004E-34
TcCLB.506755.270	hypothetical protein, conserved	-2,097	1,894E-11
TcCLB.507071.240	mucin-associated surface protein (MASP), putative	-2,099	8,279E-19
TcCLB.506173.60	mucin-associated surface protein (MASP), putative	-2,1	1,687E-28
TcCLB.506067.70	mucin-associated surface protein (MASP), putative	-2,102	4,852E-11
TcCLB.508221.104	mucin-associated surface protein (MASP), putative	-2,102	0,0001764
TcCLB.503849.40	mucin-associated surface protein (MASP), putative	-2,106	6,179E-35
TcCLB.508165.290	mucin TcMUCII, putative	-2,107	1,756E-08
TcCLB.506965.140	mucin-associated surface protein (MASP), putative	-2,108	1,096E-34
TcCLB.508297.7	trans-sialidase, putative (fragment)	-2,108	5,769E-33
TcCLB.509527.80	mucin-associated surface protein (MASP), putative	-2,108	8,527E-28
TcCLB.509553.10	hypothetical protein, conserved	-2,109	2,932E-36
TcCLB.504155.230	mucin-associated surface protein (MASP), putative	-2,109	2,345E-18

TcCLB.510981.20	trans-sialidase, putative	-2,11	3,688E-52
TcCLB.510487.70	trans-sialidase (pseudogene), putative	-2,11	4,144E-27
TcCLB.508763.20	mucin TcMUCII, putative	-2,113	1,977E-23
TcCLB.503977.50	surface protease GP63 (pseudogene), putative	-2,113	9,02E-16
TcCLB.508511.30	mucin TcMUCII, putative	-2,114	1,711E-17
TcCLB.507523.10	trans-sialidase, putative	-2,115	2,215E-30
TcCLB.508399.40	trans-sialidase (pseudogene), putative	-2,116	1,676E-78
TcCLB.507071.10	trans-sialidase, Group V, putative	-2,116	6,386E-26
TcCLB.506609.70	mucin-associated surface protein (MASP), putative	-2,116	5,849E-19
TcCLB.508097.40	trans-sialidase (pseudogene), putative	-2,117	1,081E-20
TcCLB.509373.39	surface protease GP63, putative (fragment)	-2,117	0,00000071
TcCLB.509805.210	hypothetical protein, conserved	-2,118	1,97E-57
TcCLB.504219.40	trans-sialidase (pseudogene), putative	-2,118	1,774E-30
TcCLB.506741.90	mucin-associated surface protein (MASP), putative	-2,118	7,697E-28
TcCLB.508789.100	trans-sialidase (pseudogene), putative	-2,119	7,041E-20
TcCLB.503609.24	mucin-associated surface protein (MASP, pseudogene), pu	-2,119	1,849E-19
TcCLB.511859.150	mucin-like glycoprotein, putative	-2,12	5,65E-83
TcCLB.510197.210	mucin TcMUCII, putative	-2,122	5,077E-14
TcCLB.507063.340	mucin-associated surface protein (MASP), putative	-2,125	1,118E-33
TcCLB.509657.30	mucin-associated surface protein (MASP), putative	-2,127	4,011E-29
TcCLB.507429.70	mucin TcMUCII, putative	-2,128	2,242E-63
TcCLB.508435.10	mucin-associated surface protein (MASP), putative	-2,128	5,606E-18
TcCLB.507237.80	mucin-associated surface protein (MASP), putative	-2,128	9,379E-11
TcCLB.506267.10	mucin-associated surface protein (MASP), putative	-2,132	8,798E-09
TcCLB.507295.20	mucin-associated surface protein (MASP), putative	-2,133	1,789E-34
TcCLB.508747.59	mucin-associated surface protein (MASP), putative	-2,133	4,027E-28
TcCLB.506335.130	trans-sialidase, Group V, putative	-2,135	1,033E-18
TcCLB.507747.180	trans-sialidase, Group VI, putative	-2,137	2,827E-73
TcCLB.507071.390	trans-sialidase, Group V, putative	-2,137	1,614E-17
TcCLB.507699.10	mucin TcMUCII, putative	-2,139	4,285E-23
TcCLB.506939.50	mucin-associated surface protein (MASP), putative	-2,139	2,316E-07
TcCLB.510363.170	mucin TcMUCII, putative	-2,14	7,598E-06
TcCLB.508167.29	mucin-associated surface protein (MASP), putative (fragn	-2,141	5,775E-18
TcCLB.510071.20	hypothetical protein	-2,142	2,115E-10
TcCLB.511167.100	hypothetical protein, conserved	-2,143	4,902E-102
TcCLB.511149.100	mucin TcMUCII, putative	-2,143	8,375E-40
TcCLB.511603.70	mucin TcMUCII, putative	-2,143	6,698E-27
TcCLB.504039.130	mucin-associated surface protein (MASP), putative	-2,144	5,618E-23
TcCLB.508539.80	mucin-associated surface protein (MASP), putative	-2,145	2,461E-43
TcCLB.509937.220	protein kinase, putative	-2,145	5,667E-10
TcCLB.509525.94	mucin-associated surface protein (MASP, pseudogene), pu	-2,146	1,594E-32
TcCLB.510983.5	trans-sialidase (pseudogene), putative	-2,146	1,601E-26
TcCLB.488591.10	trans-sialidase, putative (fragment)	-2,147	1,515E-38
TcCLB.510391.30	mucin TcMUCII, putative	-2,148	1,919E-20
TcCLB.510363.310	trans-sialidase (pseudogene), putative	-2,149	4,254E-17

TcCLB.510329.180	hypothetical protein, conserved	-2,149	1,041E-16
TcCLB.511077.110	mucin-associated surface protein (MASP), putative	-2,15	1,631E-14
TcCLB.510373.30	90 kDa surface protein, putative	-2,151	1,285E-14
TcCLB.504155.70	mucin TcMUCII, putative	-2,151	5,954E-10
TcCLB.508361.30	mucin TcMUCII, putative	-2,153	2,102E-14
TcCLB.508355.80	trans-sialidase, Group VIII, putative	-2,154	2,847E-26
TcCLB.510713.160	trans-sialidase, Group V, putative	-2,154	1,656E-20
TcCLB.507255.10	surface protease GP63 (pseudogene), putative	-2,154	6,952E-19
TcCLB.506329.79	mucin-associated surface protein (MASP, pseudogene), pi	-2,154	1,783E-08
TcCLB.503709.10	hypothetical protein	-2,155	2,224E-11
TcCLB.508593.10	trans-sialidase, Group IV, putative	-2,156	2,509E-51
TcCLB.508165.210	mucin-associated surface protein (MASP), putative	-2,156	9,13E-35
TcCLB.508883.30	mucin TcMUCII, putative	-2,156	1,271E-12
TcCLB.510583.30	mucin TcMUCII, putative	-2,156	5,707E-06
TcCLB.503447.50	trans-sialidase, Group IV, putative	-2,157	3,643E-46
TcCLB.510377.410	mucin TcMUCII, putative	-2,157	1,372E-14
TcCLB.510483.154	mucin-associated surface protein (MASP), putative	-2,157	4,081E-14
TcCLB.506083.20	trans-sialidase (pseudogene), putative	-2,158	3,016E-64
TcCLB.506321.190	mucin TcMUCII, putative	-2,158	8,444E-20
TcCLB.507699.110	mucin-associated surface protein (MASP, pseudogene), pi	-2,159	3,235E-22
TcCLB.511173.400	mucin-associated surface protein (MASP), putative	-2,16	2,699E-14
TcCLB.508165.185	mucin TcMUCII (pseudogene), putative	-2,161	0,000028
TcCLB.507959.290	hypothetical protein	-2,163	0,0002948
TcCLB.511255.280	mucin-associated surface protein (MASP), putative	-2,164	5,803E-26
TcCLB.510377.500	trans-sialidase (pseudogene), putative	-2,164	5,325E-13
TcCLB.510085.10	mucin-associated surface protein (MASP, pseudogene), pi	-2,165	9,087E-22
TcCLB.508365.40	mucin-associated surface protein (MASP), putative	-2,165	5,607E-11
TcCLB.425855.9	hypothetical protein, conserved (fragment)	-2,165	6,193E-10
TcCLB.510209.9	trans-sialidase, putative	-2,166	2,086E-11
TcCLB.506737.90	trans-sialidase, Group V, putative	-2,168	2,327E-142
TcCLB.504769.20	mucin-associated surface protein (MASP), putative	-2,168	2,932E-56
TcCLB.510279.60	mucin-associated surface protein (MASP), putative	-2,168	9,444E-23
TcCLB.507075.40	mucin-associated surface protein (MASP), putative (fragm	-2,169	1,468E-36
TcCLB.506613.20	mucin-associated surface protein (MASP, pseudogene), pi	-2,169	1,061E-23
TcCLB.509657.70	trans-sialidase (pseudogene), putative	-2,17	3,605E-13
TcCLB.506067.110	mucin-associated surface protein (MASP, pseudogene), pi	-2,171	1,218E-09
TcCLB.508453.10	mucin-associated surface protein (MASP), putative	-2,172	4,781E-37
TcCLB.511255.690	mucin-associated surface protein (MASP), putative	-2,173	1,1E-28
TcCLB.511605.90	mucin TcMUCII, putative	-2,176	2,929E-10
TcCLB.462761.10	surface protease GP63, putative	-2,177	4,104E-73
TcCLB.509905.60	trans-sialidase (pseudogene), putative	-2,178	5,236E-52
TcCLB.511593.60	mucin-associated surface protein (MASP), putative	-2,178	1,18E-33
TcCLB.508455.20	trans-sialidase, Group V, putative	-2,178	4,998E-33
TcCLB.508261.130	mucin-associated surface protein (MASP), putative	-2,178	4,163E-23
TcCLB.508539.155	mucin TcMUCII, putative	-2,178	3,766E-18

TcCLB.506499.90	90 kDa surface protein, putative	-2,178	4,416E-08
TcCLB.510469.10	mucin-associated surface protein (MASP), putative	-2,179	4,447E-08
TcCLB.511259.180	mucin-associated surface protein (MASP), putative	-2,18	8,083E-11
TcCLB.507993.230	hypothetical protein, conserved (pseudogene)	-2,18	0,00000346
TcCLB.507429.20	mucin-associated surface protein (MASP), putative	-2,181	1,51E-59
TcCLB.507611.120	expression site-associated gene (ESAG-like) protein, putative	-2,182	2,874E-12
TcCLB.511063.120	mucin TcMUCII, putative	-2,182	7,27E-08
TcCLB.510803.19	trans-sialidase, putative	-2,182	8,843E-07
TcCLB.504277.30	hypothetical protein	-2,183	8,118E-25
TcCLB.505949.70	mucin TcMUCII, putative	-2,184	1,927E-28
TcCLB.506501.210	surface protease GP63 (pseudogene), putative	-2,184	2,522E-07
TcCLB.511183.420	mucin-associated surface protein (MASP, pseudogene), putative	-2,185	3,596E-32
TcCLB.510417.40	mucin-associated surface protein (MASP), putative (fragment)	-2,185	7,223E-08
TcCLB.510475.120	mucin-associated surface protein (MASP, pseudogene), putative	-2,185	1,123E-06
TcCLB.506309.40	mucin-associated surface protein (MASP), putative	-2,186	4,22E-11
TcCLB.397923.10	mucin-associated surface protein (MASP), putative	-2,187	5,62E-29
TcCLB.510451.10	trans-sialidase (pseudogene), putative	-2,188	1,237E-08
TcCLB.508165.280	mucin-associated surface protein (MASP), putative	-2,189	3,397E-20
TcCLB.509525.234	mucin TcMUCII, putative	-2,189	5,756E-14
TcCLB.506499.110	mucin TcMUCII (pseudogene), putative	-2,19	1,082E-15
TcCLB.506969.6	trans-sialidase (pseudogene), putative	-2,19	0,00001676
TcCLB.448653.10	trans-sialidase, putative (fragment)	-2,191	9,551E-06
TcCLB.509525.20	trans-sialidase (pseudogene), putative	-2,192	7,837E-39
TcCLB.507973.10	mucin TcMUCI, putative	-2,192	2,565E-16
TcCLB.509899.50	mucin-associated surface protein (MASP, pseudogene), putative	-2,195	1,184E-46
TcCLB.508605.20	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, putative	-2,195	9,204E-37
TcCLB.509657.40	mucin TcMUCII, putative	-2,196	2,664E-30
TcCLB.510497.60	mucin TcMUCII, putative	-2,196	3,116E-17
TcCLB.504393.20	hypothetical protein	-2,196	0,0002077
TcCLB.510013.150	mucin-associated surface protein (MASP, pseudogene), putative	-2,198	5,242E-28
TcCLB.510631.20	trans-sialidase (pseudogene), putative	-2,199	1,14E-95
TcCLB.510715.20	trans-sialidase, Group V, putative	-2,199	1,099E-34
TcCLB.506763.234	mucin-associated surface protein (MASP, pseudogene), putative	-2,199	1,047E-20
TcCLB.508011.90	trans-sialidase (pseudogene), putative	-2,201	1,665E-33
TcCLB.503973.120	mucin-associated surface protein (MASP), putative	-2,202	9,813E-33
TcCLB.510503.20	mucin TcMUCII, putative	-2,202	1,367E-21
TcCLB.507069.160	trans-sialidase, Group V, putative	-2,203	1,674E-30
TcCLB.510017.40	mucin TcMUCII, putative	-2,205	5,341E-13
TcCLB.511859.90	hypothetical protein	-2,206	1,166E-51
TcCLB.509905.180	mucin-associated surface protein (MASP), putative	-2,206	1,118E-35
TcCLB.511625.90	mucin-associated surface protein (MASP), putative	-2,207	1,416E-33
TcCLB.508511.15	trans-sialidase (pseudogene), putative	-2,208	1,958E-06
TcCLB.511173.180	mucin-associated surface protein (MASP), putative	-2,209	1,268E-23
TcCLB.508741.130	hypothetical protein	-2,21	2,743E-110
TcCLB.509897.30	mucin-associated surface protein (MASP, pseudogene), putative	-2,21	3,801E-23

TcCLB.507237.24	mucin TcMUCII (pseudogene), putative	-2,21	0,00007609
TcCLB.508221.550	mucin-associated surface protein (MASP), putative	-2,214	8,465E-14
TcCLB.506277.3	mucin TcMUCII, putative (fragment)	-2,214	4,523E-12
TcCLB.510201.10	trans-sialidase, Group V, putative	-2,215	2,844E-37
TcCLB.509035.20	surface protease GP63, putative	-2,215	1,152E-20
TcCLB.511373.30	mucin-associated surface protein (MASP), putative	-2,215	1,666E-09
TcCLB.506229.20	hypothetical protein, conserved	-2,216	2,508E-34
TcCLB.509081.130	surface protease GP63 (pseudogene), putative	-2,216	3,897E-08
TcCLB.506769.60	mucin-associated surface protein (MASP, pseudogene), pi	-2,218	3,117E-17
TcCLB.511277.370	phosphatidic acid phosphatase, putative	-2,219	5,144E-74
TcCLB.506137.60	mucin-associated surface protein (MASP), putative	-2,219	3,983E-08
TcCLB.506335.150	mucin-associated surface protein (MASP, pseudogene), pi	-2,22	7,348E-29
TcCLB.401183.10	trans-sialidase, putative (fragment)	-2,22	3,409E-21
TcCLB.511553.5	trans-sialidase (pseudogene), putative	-2,22	1,584E-09
TcCLB.503761.20	surface protease GP63 (pseudogene), putative	-2,221	4,297E-26
TcCLB.510961.40	mucin TcMUCII, putative	-2,223	5,413E-21
TcCLB.511173.460	mucin-associated surface protein (MASP), putative	-2,223	1,436E-19
TcCLB.506501.40	mucin TcMUCII, putative	-2,227	5,967E-30
TcCLB.511921.90	mucin-associated surface protein (MASP, pseudogene), pi	-2,227	2,036E-26
TcCLB.506267.30	mucin TcMUCII, putative	-2,227	6,424E-24
TcCLB.506453.30	mucin-associated surface protein (MASP), putative	-2,227	2,513E-20
TcCLB.508433.120	mucin-associated surface protein (MASP, pseudogene), pi	-2,227	3,011E-16
TcCLB.506355.20	receptor-type adenylate cyclase, putative	-2,228	6,904E-54
TcCLB.507699.90	mucin TcMUCII, putative	-2,228	2,442E-42
TcCLB.510501.40	trans-sialidase, putative	-2,228	2,748E-11
TcCLB.506613.40	trans-sialidase, Group V, putative	-2,23	1,939E-42
TcCLB.507071.100	mucin-associated surface protein (MASP), putative	-2,23	1,001E-20
TcCLB.511625.100	mucin TcMUCII, putative	-2,23	2,261E-20
TcCLB.506131.140	mucin-associated surface protein (MASP), putative	-2,23	1,749E-18
TcCLB.510503.40	surface protease GP63 (pseudogene), putative	-2,23	3,094E-14
TcCLB.508221.518	mucin TcMUCII, putative	-2,23	9,932E-13
TcCLB.511089.19	mucin-associated surface protein (MASP), putative	-2,23	7,011E-12
TcCLB.506611.10	mucin-associated surface protein (MASP), putative	-2,231	5,529E-17
TcCLB.508871.60	mucin-associated surface protein (MASP), putative	-2,232	1,34E-17
TcCLB.510025.150	mucin TcMUCII, putative	-2,232	1,02E-14
TcCLB.510817.50	trans-sialidase, Group II, putative	-2,234	3,027E-59
TcCLB.503773.30	hypothetical protein, conserved	-2,234	3,804E-33
TcCLB.506131.170	trans-sialidase, Group V, putative	-2,234	5,261E-17
TcCLB.509031.20	trans-sialidase, putative (fragment)	-2,237	6,738E-21
TcCLB.506279.60	trans-sialidase, Group VI, putative	-2,239	4,691E-61
TcCLB.507143.90	hypothetical protein	-2,242	0,0003553
TcCLB.509897.80	mucin-associated surface protein (MASP, pseudogene), pi	-2,245	3,617E-16
TcCLB.510591.10	trans-sialidase (pseudogene), putative	-2,248	1,302E-12
TcCLB.511087.10	mucin-associated surface protein (MASP, pseudogene), pi	-2,249	3,128E-28
TcCLB.510275.50	mucin TcMUCII, putative	-2,25	6,774E-22

TcCLB.444331.10	mucin-associated surface protein (MASP), putative	-2,253	4,131E-11
TcCLB.506835.90	hypothetical protein, conserved	-2,254	2,16E-136
TcCLB.508099.20	serine-alanine-and proline-rich protein, putative	-2,255	3,76E-35
TcCLB.509433.10	hypothetical protein	-2,255	1,567E-19
TcCLB.508593.20	trans-sialidase, Group IV, putative	-2,256	5,853E-53
TcCLB.509947.10	mucin TcMUCII, putative	-2,258	2,828E-43
TcCLB.508163.320	mucin-associated surface protein (MASP), putative	-2,259	3,787E-23
TcCLB.511921.29	mucin-associated surface protein (MASP, pseudogene), pi	-2,259	1,908E-16
TcCLB.509615.50	hypothetical protein	-2,261	0,001588
TcCLB.511043.60	receptor-type adenylate cyclase, putative	-2,262	3,081E-69
TcCLB.509811.9	surface protease GP63, putative	-2,262	1,262E-38
TcCLB.506741.60	mucin-associated surface protein (MASP), putative	-2,262	5,484E-23
TcCLB.510017.30	mucin-associated surface protein (MASP, pseudogene), pi	-2,262	1,247E-17
TcCLB.508125.80	trans-sialidase (pseudogene), putative	-2,264	1,178E-17
TcCLB.510361.30	mucin-associated surface protein (MASP), putative	-2,264	1,412E-13
TcCLB.506965.20	mucin-associated surface protein (MASP), putative	-2,265	2,069E-15
TcCLB.510203.34	mucin-associated surface protein (MASP, pseudogene), pi	-2,265	1,055E-10
TcCLB.506133.140	mucin-associated surface protein (MASP), putative	-2,266	2,89E-25
TcCLB.506501.5	trans-sialidase (pseudogene), putative	-2,266	1,482E-11
TcCLB.510377.439	mucin TcMUCII, putative	-2,267	2,668E-19
TcCLB.508121.160	mucin-associated surface protein (MASP, pseudogene), pi	-2,268	4,339E-21
TcCLB.506501.110	mucin-associated surface protein (MASP), putative	-2,268	1,363E-19
TcCLB.511553.140	mucin-associated surface protein (MASP), putative	-2,268	6,602E-14
TcCLB.508523.50	trans-sialidase, Group II, putative	-2,269	1,869E-50
TcCLB.503973.80	mucin-associated surface protein (MASP), putative	-2,27	8,35E-35
TcCLB.507069.10	mucin-associated surface protein (MASP), putative	-2,27	3,8E-24
TcCLB.511109.10	surface protein TolT (pseudogene) (TolT)	-2,272	5,049E-29
TcCLB.510681.41	surface protease GP63, putative	-2,272	4,811E-18
TcCLB.503633.11	mucin-associated surface protein (MASP), putative (fragr	-2,272	5,372E-18
TcCLB.504155.293	mucin-associated surface protein (MASP), putative	-2,272	1,214E-07
TcCLB.511221.50	mucin-associated surface protein (MASP), putative	-2,273	1,678E-59
TcCLB.506669.10	hypothetical protein, conserved	-2,273	1,814E-56
TcCLB.467373.10	trans-sialidase, putative (fragment)	-2,274	2,181E-76
TcCLB.506713.80	trans-sialidase, putative (fragment)	-2,274	2,876E-63
TcCLB.506613.50	mucin-associated surface protein (MASP), putative	-2,278	1,797E-68
TcCLB.507937.20	mucin-associated surface protein (MASP, pseudogene), pi	-2,278	2,148E-22
TcCLB.506601.51	mucin TcMUCII (pseudogene), putative	-2,279	3,709E-18
TcCLB.506667.30	90 kDa surface protein, putative	-2,281	3,377E-45
TcCLB.510207.10	mucin TcMUCII, putative	-2,281	7,057E-18
TcCLB.510363.60	trans-sialidase (pseudogene), putative	-2,282	1,491E-28
TcCLB.508501.110	mucin TcMUCII, putative	-2,282	5,191E-26
TcCLB.507959.210	mucin-associated surface protein (MASP), putative	-2,282	3,721E-25
TcCLB.510373.60	mucin-associated surface protein (MASP), putative	-2,284	3,92E-49
TcCLB.510583.200	mucin TcMUCII, putative	-2,284	3,513E-15
TcCLB.507549.20	trans-sialidase (pseudogene), putative	-2,285	6,054E-64

TcCLB.508873.10	mucin-associated surface protein (MASP), putative	-2,285	5,53E-46
TcCLB.510789.10	mucin TcMUCII, putative	-2,286	2,669E-36
TcCLB.511605.55	hypothetical protein	-2,286	6,154E-23
TcCLB.404431.10	trans-sialidase, putative	-2,287	2,25E-43
TcCLB.506279.30	mucin TcMUCII, putative	-2,288	4,011E-28
TcCLB.506851.30	hypothetical protein, conserved	-2,288	4,878E-26
TcCLB.509525.240	mucin-associated surface protein (MASP), putative	-2,288	3,032E-16
TcCLB.424171.10	trans-sialidase (pseudogene), putative	-2,288	7,758E-11
TcCLB.504213.50	hypothetical protein, conserved	-2,291	2,517E-54
TcCLB.511895.10	receptor-type adenylate cyclase, putative	-2,292	4,445E-64
TcCLB.506789.50	mucin-associated surface protein (MASP), putative	-2,292	1,26E-24
TcCLB.506667.50	trans-sialidase (pseudogene), putative	-2,292	1,064E-17
TcCLB.508221.210	mucin-associated surface protein (MASP), putative	-2,292	2,121E-13
TcCLB.506285.90	mucin TcMUCII, putative	-2,295	4,948E-27
TcCLB.510697.50	trans-sialidase, Group VI, putative	-2,298	8,358E-26
TcCLB.508221.509	mucin-associated surface protein (MASP, pseudogene), pu	-2,298	2,517E-13
TcCLB.511611.16	mucin TcMUCII (pseudogene), putative	-2,298	4,039E-11
TcCLB.507257.80	diacylglycerol kinase-like protein, putative	-2,301	1,144E-74
TcCLB.510791.50	mucin TcMUCII, putative	-2,301	2,093E-38
TcCLB.510475.110	mucin TcMUCII, putative	-2,301	1,338E-11
TcCLB.508873.250	mucin-associated surface protein (MASP), putative	-2,302	3,858E-45
TcCLB.505025.20	surface protease GP63 (pseudogene), putative	-2,302	2,954E-14
TcCLB.503861.100	trans-sialidase (pseudogene), putative	-2,303	8,262E-70
TcCLB.508789.120	trans-sialidase, Group VI, putative	-2,303	3,099E-29
TcCLB.506211.150	polyprenyl synthase, putative	-2,304	4,304E-90
TcCLB.508219.70	mucin-associated surface protein (MASP), putative	-2,304	9,979E-21
TcCLB.506945.40	hypothetical protein, conserved	-2,305	3,126E-127
TcCLB.507959.41	mucin TcMUCII, putative	-2,305	1,022E-10
TcCLB.507859.31	hypothetical protein	-2,306	3,267E-22
TcCLB.506769.10	hypothetical protein	-2,306	9,079E-12
TcCLB.463323.10	trans-sialidase, Group II, putative	-2,307	9,475E-61
TcCLB.508831.220	trans-sialidase (pseudogene), putative	-2,307	5,388E-11
TcCLB.508761.160	mucin TcMUCII, putative	-2,308	1,786E-28
TcCLB.509123.5	trans-sialidase (pseudogene), putative	-2,308	0,00001221
TcCLB.439245.10	mucin TcMUCII, putative (fragment)	-2,309	1,794E-21
TcCLB.510625.40	trans-sialidase, Group V, putative	-2,309	2,964E-21
TcCLB.505615.10	surface protease GP63, putative	-2,313	1,074E-87
TcCLB.506133.130	trans-sialidase, Group V, putative	-2,315	1,556E-24
TcCLB.506599.70	mucin TcMUCII, putative	-2,315	1,679E-14
TcCLB.506501.270	syntaxin binding protein (pseudogene), putative	-2,317	2,254E-08
TcCLB.509217.90	mucin-associated surface protein (MASP), putative	-2,318	5,881E-39
TcCLB.510715.150	trans-sialidase, Group VI, putative	-2,318	8,133E-29
TcCLB.508365.200	mucin-associated surface protein (MASP), putative	-2,318	3,474E-11
TcCLB.504479.10	trans-sialidase, Group II, putative	-2,32	9,656E-82
TcCLB.510629.10	mucin-associated surface protein (MASP), putative	-2,32	1,771E-09

TcCLB.506067.280	mucin TcMUCII, putative	-2,321	1,031E-36
TcCLB.503889.10	mucin TcMUCII, putative	-2,323	4,072E-54
TcCLB.510377.220	mucin-associated surface protein (MASP, pseudogene), pu	-2,323	7,705E-23
TcCLB.510047.109	mucin TcMUCII, putative	-2,325	9,847E-37
TcCLB.506269.10	mucin-associated surface protein (MASP), putative	-2,327	5,492E-35
TcCLB.511923.49	mucin-associated surface protein (MASP, pseudogene), pu	-2,327	2,257E-06
TcCLB.506193.60	ascorbate peroxidase, putative (APX)	-2,328	7,092E-50
TcCLB.506703.140	mucin-associated surface protein (MASP), putative	-2,328	1,398E-06
TcCLB.508991.30	trans-sialidase (pseudogene), putative	-2,331	1,014E-69
TcCLB.505757.10	hypothetical protein, conserved	-2,332	1,239E-51
TcCLB.510205.20	mucin-associated surface protein (MASP), putative	-2,332	2,105E-40
TcCLB.506501.10	mucin-associated surface protein (MASP), putative	-2,332	1,497E-16
TcCLB.508221.600	mucin-associated surface protein (MASP), putative	-2,332	5,418E-13
TcCLB.511289.80	polyprenyl synthase, putative	-2,333	9,096E-125
TcCLB.510561.30	mucin-associated surface protein (MASP), putative	-2,333	2,784E-06
TcCLB.508261.70	mucin-associated surface protein (MASP, pseudogene), pu	-2,334	2,112E-29
TcCLB.509663.44	hypothetical protein, conserved	-2,339	7,916E-73
TcCLB.511149.130	mucin TcMUCL, putative	-2,34	1,335E-06
TcCLB.508999.120	trans-sialidase (pseudogene), putative	-2,341	1,076E-33
TcCLB.463279.20	trans-sialidase, Group II, putative	-2,342	3,097E-108
TcCLB.507959.80	mucin-associated surface protein (MASP), putative	-2,342	4,161E-38
TcCLB.509031.3	trans-sialidase, putative (fragment)	-2,342	1,776E-25
TcCLB.506499.100	hypothetical protein	-2,342	1,129E-07
TcCLB.503771.10	mucin-associated surface protein (MASP), putative	-2,342	2,329E-06
TcCLB.510919.9	trans-sialidase, putative (fragment)	-2,344	7,75E-37
TcCLB.508365.130	mucin TcMUCII, putative	-2,344	1,499E-15
TcCLB.506329.9	mucin-associated surface protein (MASP, pseudogene), pu	-2,344	1,277E-13
TcCLB.510933.80	trans-sialidase, Group V, putative	-2,345	1,814E-31
TcCLB.510323.110	hypothetical protein, conserved	-2,346	1,934E-48
TcCLB.510279.140	mucin-associated surface protein (MASP), putative	-2,348	5,381E-28
TcCLB.506717.100	mucin-associated surface protein (MASP, pseudogene), pu	-2,349	1,109E-38
TcCLB.507071.20	mucin-associated surface protein (MASP), putative	-2,35	2,008E-44
TcCLB.507957.229	mucin TcMUCII, putative	-2,35	1,57E-30
TcCLB.506613.150	trans-sialidase (pseudogene), putative	-2,35	9,595E-23
TcCLB.510561.40	mucin TcMUCII, putative	-2,352	9,719E-62
TcCLB.509549.20	mucin-associated surface protein (MASP), putative	-2,352	4,971E-55
TcCLB.511203.29	surface protease GP63, putative (fragment)	-2,352	7,069E-51
TcCLB.510019.10	mucin TcMUCII, putative	-2,352	2,721E-20
TcCLB.510929.10	trans-sialidase, putative	-2,352	5,15E-14
TcCLB.506901.60	mucin TcMUCII, putative	-2,352	9,206E-12
TcCLB.507747.130	trans-sialidase (pseudogene), putative	-2,353	1,242E-44
TcCLB.509765.50	trans-sialidase, Group VIII, putative	-2,353	1,162E-11
TcCLB.506767.360	mucin TcMUCII, putative	-2,354	9,832E-28
TcCLB.510021.20	mucin-associated surface protein (MASP), putative	-2,354	1,085E-26
TcCLB.508365.160	mucin-associated surface protein (MASP), putative	-2,354	5,115E-25



TcCLB.510697.10	mucin-associated surface protein (MASP), putative	-2,354	7,036E-25
TcCLB.510239.70	mucin-associated surface protein (MASP), putative	-2,355	3,951E-39
TcCLB.507071.230	trans-sialidase, Group V, putative	-2,355	1,341E-33
TcCLB.508247.90	trans-sialidase, Group V, putative	-2,356	9,594E-08
TcCLB.507687.70	mucin-associated surface protein (MASP), putative	-2,357	8,765E-27
TcCLB.510939.25	mucin TcMUCI, putative	-2,358	4,029E-56
TcCLB.511153.19	surface protease GP63, putative	-2,359	6,588E-120
TcCLB.504155.80	mucin-associated surface protein (MASP), putative	-2,359	3,104E-19
TcCLB.508435.20	mucin TcMUCII, putative	-2,359	5,236E-18
TcCLB.504081.40	mucin-associated surface protein (MASP), putative	-2,36	1,504E-14
TcCLB.511183.360	mucin-associated surface protein (MASP), putative	-2,361	8,383E-42
TcCLB.506995.40	mucin TcMUCII, putative	-2,361	7,98E-35
TcCLB.506279.120	mucin TcMUCII, putative	-2,361	9,9E-13
TcCLB.506741.50	mucin TcMUCII, putative	-2,362	6,605E-57
TcCLB.506767.40	mucin-associated surface protein (MASP), putative	-2,364	3,761E-44
TcCLB.508251.40	mucin TcMUCII, putative	-2,364	1,66E-14
TcCLB.508055.40	surface protease GP63 (pseudogene), putative	-2,366	2,391E-08
TcCLB.508849.11	trans-sialidase, putative (fragment)	-2,367	2,189E-17
TcCLB.506955.270	trans-sialidase, Group V, putative	-2,368	2,2E-33
TcCLB.510561.20	mucin TcMUCII, putative	-2,368	2,511E-28
TcCLB.508033.60	mucin TcMUCII, putative	-2,368	5,593E-24
TcCLB.510915.5	dispersed gene family protein 1 (DGF-1), putative	-2,369	3,132E-40
TcCLB.503503.40	mucin-associated surface protein (MASP), putative	-2,371	1,841E-32
TcCLB.506425.5	receptor-type adenylate cyclase, putative (fragment)	-2,371	4,719E-31
TcCLB.507987.10	trans-sialidase, putative	-2,371	1,69E-20
TcCLB.508253.10	mucin-associated surface protein (MASP), putative	-2,372	1,069E-65
TcCLB.511173.230	trans-sialidase (pseudogene), putative	-2,372	2,367E-35
TcCLB.508165.400	mucin TcMUCII, putative	-2,373	1,178E-37
TcCLB.504101.50	trans-sialidase, Group V, putative	-2,374	5,346E-64
TcCLB.508313.30	mucin-associated surface protein (MASP), putative	-2,374	2,438E-18
TcCLB.510497.40	trans-sialidase, Group V, putative	-2,375	1,099E-23
TcCLB.504155.140	mucin TcMUCII, putative	-2,376	0,000186
TcCLB.506613.110	mucin-associated surface protein (MASP, pseudogene), pi	-2,377	2,348E-35
TcCLB.510479.40	trans-sialidase, putative (fragment)	-2,377	1,353E-20
TcCLB.468217.14	mucin-associated surface protein (MASP), putative	-2,378	3,278E-43
TcCLB.506967.50	mucin-associated surface protein (MASP), putative	-2,379	2,179E-17
TcCLB.506577.80	trans-sialidase, Group VIII, putative	-2,38	3,509E-93
TcCLB.505949.10	mucin TcMUCII, putative	-2,38	9,321E-25
TcCLB.506281.14	hypothetical protein	-2,381	4,507E-78
TcCLB.510497.100	mucin-associated surface protein (MASP), putative	-2,381	2,902E-28
TcCLB.511349.20	trans-sialidase (pseudogene), putative	-2,382	1,048E-80
TcCLB.511667.50	mucin-associated surface protein (MASP), putative	-2,383	1,911E-36
TcCLB.509785.50	trans-sialidase, Group V, putative	-2,384	2,386E-37
TcCLB.506409.30	mucin-associated surface protein (MASP), putative	-2,384	3,261E-32
TcCLB.510693.270	trans-sialidase, Group VI, putative	-2,386	2,991E-22

TcCLB.506973.20	mucin-associated surface protein (MASP), putative	-2,388	5,007E-63
TcCLB.510561.50	mucin-associated surface protein (MASP), putative	-2,39	1,295E-07
TcCLB.511907.200	cysteine peptidase inhibitor, putative	-2,392	2,678E-133
TcCLB.510023.20	mucin TcMUCII, putative	-2,392	9,81E-30
TcCLB.506763.110	trans-sialidase, Group VII, putative	-2,393	9,252E-17
TcCLB.510411.10	trans-sialidase, Group II, putative	-2,394	1,292E-38
TcCLB.509525.400	mucin TcMUCII, putative	-2,394	4,568E-22
TcCLB.506761.54	mucin-associated surface protein (MASP, pseudogene), pu	-2,396	5,586E-29
TcCLB.506389.10	trans-sialidase, putative	-2,397	3,939E-55
TcCLB.506767.230	mucin-associated surface protein (MASP), putative	-2,397	2,474E-40
TcCLB.506911.20	mucin-associated surface protein (MASP), putative	-2,398	2,271E-64
TcCLB.508245.40	mucin-associated surface protein (MASP), putative	-2,399	2,654E-35
TcCLB.506133.190	trans-sialidase, Group VI, putative	-2,399	1,088E-15
TcCLB.511149.180	trans-sialidase, Group VI, putative	-2,4	1,652E-36
TcCLB.511911.10	trans-sialidase, Group II, putative	-2,4	5,765E-29
TcCLB.505949.30	trans-sialidase, Group V, putative	-2,4	5,7E-23
TcCLB.507065.70	mucin TcMUCII, putative	-2,4	2,229E-12
TcCLB.503773.40	hypothetical protein, conserved	-2,401	1,217E-54
TcCLB.503699.19	mucin-associated surface protein (MASP), putative	-2,402	3,339E-24
TcCLB.506173.70	trans-sialidase, Group V, putative	-2,403	3,494E-31
TcCLB.510731.10	trans-sialidase, putative	-2,405	6,859E-06
TcCLB.510359.480	mucin-associated surface protein (MASP, pseudogene), pu	-2,407	6,827E-08
TcCLB.506501.380	mucin-associated surface protein (MASP), putative	-2,409	3,259E-28
TcCLB.507705.20	hypothetical protein, conserved	-2,411	3,334E-37
TcCLB.510623.20	mucin-associated surface protein (MASP), putative	-2,412	8,787E-30
TcCLB.510361.190	mucin-associated surface protein (MASP), putative	-2,413	1,139E-25
TcCLB.506769.65	trans-sialidase (pseudogene), putative	-2,413	1,722E-07
TcCLB.511165.80	protein kinase, putative	-2,413	6,006E-07
TcCLB.511603.330	mucin TcMUCII, putative	-2,414	3,729E-20
TcCLB.507957.10	mucin-associated surface protein (MASP), putative	-2,415	7,076E-68
TcCLB.504197.20	mucin-associated surface protein (MASP), putative	-2,415	1,133E-42
TcCLB.510359.530	trans-sialidase, Group V, putative	-2,415	9,809E-31
TcCLB.509655.10	trans-sialidase (pseudogene), putative	-2,417	5,015E-45
TcCLB.510061.30	trans-sialidase, Group V, putative	-2,418	8,572E-55
TcCLB.509075.20	dispersed gene family protein 1 (DGF-1, pseudogene), pu	-2,418	1,124E-11
TcCLB.506409.60	hypothetical protein	-2,418	5,352E-10
TcCLB.508745.11	trans-sialidase, putative (fragment)	-2,419	2,98E-20
TcCLB.506603.20	mucin-associated surface protein (MASP, pseudogene), pu	-2,422	3,034E-29
TcCLB.508747.5	mucin-associated surface protein (MASP), putative	-2,423	3,46E-19
TcCLB.506769.120	mucin-associated surface protein (MASP), putative	-2,424	9,693E-27
TcCLB.508147.140	mucin TcMUCII, putative	-2,425	7,764E-15
TcCLB.506139.160	mucin-associated surface protein (MASP), putative	-2,428	7,186E-32
TcCLB.506289.150	mucin-associated surface protein (MASP), putative	-2,432	4,138E-44
TcCLB.507043.21	mucin TcMUCL, putative (fragment)	-2,432	7,339E-30
TcCLB.508221.910	mucin TcMUCII, putative	-2,432	1,82E-18

TcCLB.506765.80	mucin TcMUCII, putative	-2,432	4,7E-10
TcCLB.421231.10	hypothetical protein, conserved	-2,433	6,427E-166
TcCLB.507085.150	mucin-associated surface protein (MASP), putative	-2,433	1,633E-74
TcCLB.509841.10	trans-sialidase, putative	-2,433	1,278E-15
TcCLB.505621.10	mucin-associated surface protein (MASP, pseudogene), pi	-2,434	8,331E-136
TcCLB.506321.130	mucin TcMUCII, putative	-2,434	1,222E-23
TcCLB.506499.40	mucin-associated surface protein (MASP), putative	-2,436	1,828E-29
TcCLB.509753.110	mucin TcMUCII, putative	-2,436	4,69E-14
TcCLB.511255.330	mucin-associated surface protein (MASP), putative	-2,437	3,063E-12
TcCLB.507701.4	mucin-associated surface protein (MASP), putative (fragm	-2,438	1,27E-21
TcCLB.503783.70	mucin TcMUCII, putative	-2,44	2,582E-31
TcCLB.432443.10	mucin-associated surface protein (MASP), putative	-2,441	3,713E-26
TcCLB.504039.160	mucin-associated surface protein (MASP), putative	-2,443	1,797E-10
TcCLB.511553.100	mucin-associated surface protein (MASP), putative	-2,444	3,124E-41
TcCLB.511593.20	mucin TcMUCII, putative	-2,445	7,132E-25
TcCLB.508501.70	mucin TcMUCII, putative	-2,446	8,866E-43
TcCLB.509287.220	hypothetical protein, conserved	-2,447	3,446E-130
TcCLB.508243.60	mucin TcMUCII, putative	-2,447	1,347E-18
TcCLB.508745.20	mucin-associated surface protein (MASP), putative	-2,45	1,568E-41
TcCLB.510047.100	mucin-associated surface protein (MASP, pseudogene), pi	-2,45	7,788E-41
TcCLB.510583.114	mucin-associated surface protein (MASP, pseudogene), pi	-2,45	0,00001299
TcCLB.506309.110	mucin TcMUCII, putative	-2,451	2,23E-18
TcCLB.510693.120	trans-sialidase (pseudogene), putative	-2,452	1,505E-29
TcCLB.506769.70	mucin TcMUCII, putative	-2,454	8,892E-23
TcCLB.508365.30	mucin TcMUCII, putative	-2,455	8,496E-26
TcCLB.510623.39	mucin-associated surface protein (MASP, pseudogene), pi	-2,455	1,476E-09
TcCLB.508365.4	mucin-associated surface protein (MASP), putative	-2,456	1,974E-14
TcCLB.508161.23	hypothetical protein	-2,456	1,133E-12
TcCLB.508365.80	hypothetical protein	-2,456	0,0001245
TcCLB.504081.390	trans-sialidase (pseudogene), putative	-2,457	9,24E-45
TcCLB.511183.190	trans-sialidase, Group V, putative	-2,457	1,212E-31
TcCLB.507091.100	trans-sialidase (pseudogene), putative	-2,457	1,092E-30
TcCLB.509993.40	mucin TcMUCI, putative	-2,458	2,922E-30
TcCLB.509897.279	mucin-associated surface protein (MASP), putative	-2,458	2,558E-24
TcCLB.509897.170	mucin-associated surface protein (MASP, pseudogene), pi	-2,459	2,595E-63
TcCLB.510189.40	mucin-associated surface protein (MASP), putative	-2,459	3,382E-37
TcCLB.511839.30	mucin-associated surface protein (MASP), putative	-2,459	2,18E-25
TcCLB.507959.140	mucin TcMUCII, putative	-2,459	0,0000223
TcCLB.507047.40	trans-sialidase, Group II, putative	-2,46	1,398E-123
TcCLB.503645.10	mucin-associated surface protein (MASP), putative	-2,46	3,12E-28
TcCLB.507071.180	mucin-associated surface protein (MASP), putative	-2,461	1,173E-39
TcCLB.509525.150	mucin TcMUCII, putative	-2,462	6,433E-20
TcCLB.511853.10	mucin TcMUCI, putative	-2,464	4,972E-18
TcCLB.506759.170	mucin-associated surface protein (MASP), putative	-2,467	1,12E-36
TcCLB.510047.129	mucin TcMUCII, putative	-2,47	3,552E-09

TcCLB.511173.309	mucin-associated surface protein (MASP, pseudogene), pi	-2,474	1,801E-20
TcCLB.509267.110	heat shock protein Hsp20, putative	-2,475	2,702E-80
TcCLB.509081.150	mucin-associated surface protein (MASP), putative	-2,475	3,322E-46
TcCLB.510483.250	trans-sialidase (pseudogene), putative	-2,475	4,184E-39
TcCLB.507237.20	mucin-associated surface protein (MASP), putative	-2,475	7,202E-17
TcCLB.503973.320	mucin TcMUCII, putative	-2,476	1,564E-10
TcCLB.506501.160	mucin-associated surface protein (MASP, pseudogene), pi	-2,477	1,979E-28
TcCLB.510021.130	mucin-associated surface protein (MASP), putative	-2,478	2,193E-71
TcCLB.508229.30	mucin-associated surface protein (MASP), putative	-2,478	1,216E-49
TcCLB.509525.10	mucin-associated surface protein (MASP, pseudogene), pi	-2,478	5,164E-19
TcCLB.507605.26	mucin TcMUCII, putative	-2,478	1,644E-08
TcCLB.506499.160	mucin-associated surface protein (MASP), putative	-2,479	5,809E-43
TcCLB.507957.50	mucin TcMUCII, putative	-2,48	1,074E-37
TcCLB.511599.10	trans-sialidase, putative	-2,481	1,158E-10
TcCLB.510371.110	mucin TcMUCII, putative	-2,484	6,474E-13
TcCLB.508495.50	mucin TcMUCII, putative	-2,488	3,08E-64
TcCLB.508119.70	mucin TcMUCII, putative	-2,489	1,508E-86
TcCLB.510015.20	mucin TcMUCII, putative	-2,49	1,359E-30
TcCLB.506763.80	mucin TcMUCII, putative	-2,49	2,932E-29
TcCLB.506599.80	mucin-associated surface protein (MASP), putative	-2,492	3,284E-19
TcCLB.506897.10	mucin TcMUCII, putative	-2,492	1,527E-16
TcCLB.509419.160	mucin TcMUCII, putative	-2,492	1,026E-11
TcCLB.506763.280	mucin-associated surface protein (MASP), putative	-2,493	3,048E-61
TcCLB.509081.110	mucin-associated surface protein (MASP), putative	-2,493	2,045E-38
TcCLB.504035.21	hypothetical protein	-2,493	6,211E-17
TcCLB.508577.10	trans-sialidase (pseudogene), putative	-2,494	7,347E-40
TcCLB.508495.200	mucin TcMUCII, putative	-2,496	3,253E-106
TcCLB.506321.10	mucin TcMUCII, putative	-2,496	2,084E-31
TcCLB.509753.20	trans-sialidase (pseudogene), putative	-2,497	3,154E-65
TcCLB.504031.60	mucin-associated surface protein (MASP, pseudogene), pi	-2,497	1,216E-34
TcCLB.507429.3	mucin-associated surface protein (MASP), putative	-2,497	4,954E-29
TcCLB.509411.10	trans-sialidase, Group II, putative	-2,497	3,645E-22
TcCLB.510497.50	mucin-associated surface protein (MASP), putative	-2,498	4,142E-43
TcCLB.508493.130	mucin TcMUCII, putative	-2,5	2,72E-54
TcCLB.504639.60	trans-sialidase, putative	-2,5	1,091E-53
TcCLB.507523.70	trans-sialidase, Group V, putative	-2,5	3,238E-27
TcCLB.510419.11	mucin-associated surface protein (MASP, pseudogene), pi	-2,501	1,238E-08
TcCLB.510463.200	mucin-associated surface protein (MASP), putative	-2,502	3,006E-36
TcCLB.510013.310	mucin-associated surface protein (MASP), putative	-2,503	5,275E-50
TcCLB.510585.10	mucin-associated surface protein (MASP, pseudogene), pi	-2,503	4,666E-14
TcCLB.511871.120	mucin-associated surface protein (MASP), putative	-2,505	3,498E-41
TcCLB.511223.20	trans-sialidase, putative	-2,505	1,415E-11
TcCLB.508589.5	trans-sialidase, putative (fragment)	-2,506	1,596E-33
TcCLB.510275.330	mucin TcMUCII, putative	-2,508	1,046E-22
TcCLB.506281.50	mucin TcMUCII, putative	-2,511	1,589E-82

TcCLB.511605.20	mucin-associated surface protein (MASP), putative	-2,513	3,28E-32
TcCLB.511077.40	trans-sialidase (pseudogene), putative	-2,516	6,368E-22
TcCLB.453767.20	trans-sialidase (pseudogene), putative	-2,517	2,237E-40
TcCLB.509233.10	hypothetical protein	-2,517	1,302E-10
TcCLB.510483.60	trans-sialidase, Group V, putative	-2,519	3,188E-24
TcCLB.504787.60	mucin TcMUCII (pseudogene), putative	-2,52	4,368E-34
TcCLB.510483.230	mucin-associated surface protein (MASP), putative	-2,52	1,738E-26
TcCLB.510275.370	mucin-associated surface protein (MASP), putative	-2,523	3,451E-63
TcCLB.506667.160	trans-sialidase, Group V, putative	-2,523	5,856E-23
TcCLB.504261.100	mucin-associated surface protein (MASP, pseudogene), pi	-2,523	3,428E-20
TcCLB.511593.70	mucin TcMUCII, putative	-2,523	1,46E-17
TcCLB.503585.10	mucin-associated surface protein (MASP), putative	-2,524	3,355E-14
TcCLB.506131.10	mucin TcMUCII, putative	-2,525	1,018E-15
TcCLB.506009.40	hypothetical protein	-2,526	6,807E-70
TcCLB.506813.70	mucin-associated surface protein (MASP, pseudogene), pi	-2,526	4,409E-22
TcCLB.440379.10	trans-sialidase, putative (fragment)	-2,527	7,318E-48
TcCLB.510329.70	cdc2-related kinase 10, putative (CRK10)	-2,528	4,937E-79
TcCLB.506929.54	hypothetical protein	-2,528	2,203E-59
TcCLB.510921.40	trans-sialidase, putative (fragment)	-2,532	1,789E-28
TcCLB.506781.39	mucin-associated surface protein (MASP), putative	-2,532	1,198E-12
TcCLB.509475.10	mitogen-activated protein kinase 3, putative	-2,533	1,188E-43
TcCLB.508221.420	mucin-associated surface protein (MASP), putative	-2,533	1,144E-16
TcCLB.509291.20	mucin-associated surface protein (MASP), putative	-2,533	1,95E-15
TcCLB.511553.209	mucin TcMUC (pseudogene), putative	-2,534	1,377E-27
TcCLB.510279.120	mucin-associated surface protein (MASP), putative	-2,534	5,767E-18
TcCLB.508171.10	trans-sialidase, Group VIII, putative	-2,536	1,288E-29
TcCLB.506667.90	trans-sialidase, Group V, putative	-2,536	1,892E-19
TcCLB.508293.10	trans-sialidase (pseudogene), putative	-2,537	2,059E-34
TcCLB.511123.11	trans-sialidase, putative (fragment)	-2,538	5,847E-41
TcCLB.508309.10	mucin-associated surface protein (MASP), putative	-2,538	9,345E-23
TcCLB.511511.5	hypothetical protein	-2,539	1,98E-24
TcCLB.508165.50	mucin-associated surface protein (MASP), putative	-2,539	1,664E-12
TcCLB.508365.240	mucin TcMUCII, putative	-2,539	4,21E-10
TcCLB.506321.140	mucin-associated surface protein (MASP), putative	-2,54	2,009E-56
TcCLB.506965.100	mucin-associated surface protein (MASP), putative	-2,542	3,019E-31
TcCLB.507487.30	mucin TcMUCII, putative	-2,542	1,428E-14
TcCLB.510021.190	hypothetical protein	-2,542	0,00000066
TcCLB.510933.20	mucin-associated surface protein (MASP), putative	-2,547	1,193E-34
TcCLB.508049.40	hypothetical protein, conserved	-2,547	1,289E-15
TcCLB.506131.30	mucin-associated surface protein (MASP), putative	-2,55	6,974E-19
TcCLB.506783.39	mucin-associated surface protein (MASP), putative	-2,551	7,856E-20
TcCLB.510369.10	mucin-associated surface protein (MASP), putative	-2,553	3,795E-32
TcCLB.504155.170	mucin TcMUCII, putative	-2,553	3,721E-15
TcCLB.510465.24	mucin-associated surface protein (MASP, pseudogene), pi	-2,554	7,623E-10
TcCLB.508219.170	trans-sialidase (pseudogene), putative	-2,556	6,903E-29

TcCLB.507163.11	mucin TcMUCII, putative (fragment)	-2,556	1,193E-15
TcCLB.505945.5	mitogen-activated protein kinase 3, putative (fragment)	-2,561	2,319E-21
TcCLB.506759.210	mucin TcMUCII, putative	-2,561	2,022E-15
TcCLB.510799.60	mucin TcMUCII, putative	-2,566	1,979E-47
TcCLB.510013.300	mucin TcMUCII, putative	-2,568	1,326E-15
TcCLB.506879.10	mucin-associated surface protein (MASP), putative	-2,57	4,462E-22
TcCLB.510557.70	mucin TcMUCII, putative	-2,571	1,939E-61
TcCLB.508163.230	mucin-associated surface protein (MASP), putative	-2,571	3,041E-17
TcCLB.510705.10	mucin-associated surface protein (MASP), putative	-2,571	2,269E-09
TcCLB.510933.190	mucin TcMUCII, putative	-2,572	8,87E-25
TcCLB.506501.120	mucin TcMUCII, putative	-2,572	6,434E-17
TcCLB.509549.140	trans-sialidase, putative	-2,573	7,637E-68
TcCLB.508201.30	mucin-associated surface protein (MASP), putative	-2,574	4,021E-80
TcCLB.507085.140	mucin TcMUCII, putative	-2,574	3,289E-35
TcCLB.510461.30	mucin-associated surface protein (MASP), putative (fragn	-2,574	0,00000262
TcCLB.508735.30	mucin-associated surface protein (MASP), putative	-2,575	9,358E-85
TcCLB.506955.244	mucin-associated surface protein (MASP), putative	-2,576	3,088E-37
TcCLB.506267.60	mucin TcMUCII, putative	-2,576	2,65E-29
TcCLB.504239.20	mucin TcMUCII, putative	-2,576	8,823E-26
TcCLB.507959.260	mucin-associated surface protein (MASP), putative	-2,576	8,018E-22
TcCLB.510377.30	mucin-associated surface protein (MASP, pseudogene), pi	-2,576	9,436E-20
TcCLB.510303.140	surface protease GP63, putative	-2,577	5,369E-160
TcCLB.511079.60	mucin-associated surface protein (MASP), putative	-2,577	4,605E-21
TcCLB.506001.50	mucin-associated surface protein (MASP), putative	-2,578	1,302E-84
TcCLB.510303.20	surface protease GP63, putative	-2,579	3,142E-48
TcCLB.473703.10	surface protease GP63, putative	-2,579	4,255E-15
TcCLB.510377.310	mucin-associated surface protein (MASP, pseudogene), pi	-2,58	6,485E-20
TcCLB.506599.240	mucin-associated surface protein (MASP), putative	-2,582	4,513E-73
TcCLB.508509.20	mucin TcMUCII, putative	-2,582	2,703E-23
TcCLB.506599.390	mucin-associated surface protein (MASP), putative	-2,582	1,959E-21
TcCLB.504441.10	trans-sialidase, putative (fragment)	-2,583	5,698E-21
TcCLB.510199.30	mucin-associated surface protein (MASP), putative	-2,584	2,065E-46
TcCLB.511603.200	mucin TcMUCII, putative	-2,585	1,293E-25
TcCLB.503705.19	trans-sialidase, putative	-2,585	3,599E-08
TcCLB.476833.10	trans-sialidase, putative	-2,586	4,256E-13
TcCLB.508511.49	trans-sialidase, putative	-2,588	2,935E-37
TcCLB.506297.60	hypothetical protein, conserved	-2,589	3,171E-133
TcCLB.508501.40	mucin TcMUCII, putative	-2,589	5,803E-63
TcCLB.508123.10	hypothetical protein, conserved	-2,59	2,968E-75
TcCLB.508125.130	mucin TcMUCII, putative	-2,59	1,106E-24
TcCLB.508521.20	trans-sialidase, Group VIII, putative	-2,592	9,704E-71
TcCLB.503503.30	mucin TcMUCII, putative	-2,592	7,257E-70
TcCLB.508903.10	trans-sialidase (pseudogene), putative	-2,592	2,811E-40
TcCLB.510463.259	mucin-associated surface protein (MASP), putative (fragn	-2,592	3,528E-33
TcCLB.459061.10	trans-sialidase, putative	-2,593	1,215E-46

TcCLB.510713.110	mucin-associated surface protein (MASP), putative	-2,594	7,898E-24
TcCLB.506289.250	surface protease GP63 (pseudogene), putative	-2,595	1,175E-26
TcCLB.511669.10	trans-sialidase, Group VIII, putative	-2,597	4,504E-86
TcCLB.507961.10	mucin-associated surface protein (MASP, pseudogene), pu	-2,597	2,818E-31
TcCLB.509419.80	mucin-associated surface protein (MASP), putative	-2,597	6,116E-08
TcCLB.508289.20	mucin TcMUCII, putative	-2,598	3,622E-11
TcCLB.507069.120	trans-sialidase (pseudogene), putative	-2,599	1,343E-39
TcCLB.511595.30	mucin-associated surface protein (MASP), putative	-2,6	4,482E-23
TcCLB.510377.390	mucin-associated surface protein (MASP), putative	-2,601	1,032E-23
TcCLB.510933.10	trans-sialidase, Group V, putative	-2,604	1,769E-39
TcCLB.506601.40	mucin-associated surface protein (MASP), putative	-2,604	3,24E-25
TcCLB.510773.40	hypothetical protein	-2,605	1,451E-54
TcCLB.510699.80	mucin-associated surface protein (MASP), putative	-2,605	6,245E-24
TcCLB.506885.480	trans-sialidase, Group V, putative	-2,607	2,531E-43
TcCLB.509553.60	mitogen-activated protein kinase 3, putative	-2,608	1,221E-80
TcCLB.506173.120	mucin TcMUCI, putative	-2,608	5,48E-25
TcCLB.508247.70	mucin TcMUCII, putative	-2,61	3,877E-19
TcCLB.503501.7	mucin-associated surface protein (MASP), putative (fragn	-2,61	3,18E-08
TcCLB.507429.30	mucin TcMUCII, putative	-2,611	2,43E-79
TcCLB.507035.11	trans-sialidase, putative (fragment)	-2,611	1,08E-41
TcCLB.429251.10	mucin-associated surface protein (MASP), putative	-2,611	2,192E-06
TcCLB.504429.50	trans-sialidase (pseudogene), putative	-2,614	1,047E-53
TcCLB.511607.110	mucin-associated surface protein (MASP), putative	-2,617	6,37E-57
TcCLB.511605.5	mucin-associated surface protein (MASP, pseudogene), pu	-2,617	1,029E-31
TcCLB.510025.90	mucin TcMUCII, putative	-2,617	2,281E-27
TcCLB.503717.31	mucin TcMUCII, putative	-2,618	1,966E-23
TcCLB.503837.5	mucin TcMUCI, putative (fragment)	-2,619	8,219E-51
TcCLB.506615.150	trans-sialidase, Group V, putative	-2,62	1,472E-148
TcCLB.511063.40	trans-sialidase, Group V, putative	-2,62	1,003E-24
TcCLB.509097.20	trans-sialidase, Group V, putative	-2,621	1,522E-49
TcCLB.506599.224	mucin TcMUCII, putative	-2,622	1,964E-19
TcCLB.510021.10	mucin TcMUCII, putative	-2,622	6,046E-19
TcCLB.442801.10	mucin TcMUCII, putative	-2,622	1,743E-18
TcCLB.506939.180	mucin-associated surface protein (MASP), putative	-2,623	1,76E-60
TcCLB.511105.60	trans-sialidase, putative	-2,624	5,444E-75
TcCLB.506787.19	mucin-associated surface protein (MASP, pseudogene), pu	-2,624	9,955E-14
TcCLB.509115.30	mucin-associated surface protein (MASP), putative	-2,625	1,76E-51
TcCLB.506101.10	mucin-associated surface protein (MASP), putative	-2,626	2,72E-42
TcCLB.509419.90	trans-sialidase, Group V, putative	-2,626	2,201E-08
TcCLB.507071.210	mucin TcMUCII, putative	-2,627	1,026E-16
TcCLB.508143.80	mucin-associated surface protein (MASP), putative	-2,63	6,589E-36
TcCLB.510359.40	hypothetical protein, conserved	-2,631	3,102E-43
TcCLB.509525.160	mucin-associated surface protein (MASP, pseudogene), pu	-2,632	1,057E-32
TcCLB.508243.50	mucin-associated surface protein (MASP), putative	-2,632	3,911E-26
TcCLB.510791.20	mucin TcMUCII, putative	-2,633	1,542E-62

TcCLB.510363.160	mucin-associated surface protein (MASP, pseudogene), pi	-2,633	1,327E-42
TcCLB.510275.400	mucin-associated surface protein (MASP), putative	-2,634	6,195E-39
TcCLB.506443.100	trans-sialidase, Group IV, putative	-2,636	1,95E-98
TcCLB.503761.40	mucin-associated surface protein (MASP), putative	-2,636	2,777E-90
TcCLB.510237.80	trans-sialidase, Group V, putative	-2,637	1,182E-46
TcCLB.507069.94	mucin-associated surface protein (MASP), putative	-2,637	2,005E-32
TcCLB.507985.30	trans-sialidase (pseudogene), putative	-2,639	7,003E-07
TcCLB.506855.220	surface protease GP63, putative	-2,641	1,8E-16
TcCLB.506801.60	mucin-like glycoprotein, putative	-2,642	1,238E-55
TcCLB.506499.220	90 kDa surface protein, putative	-2,642	2,748E-39
TcCLB.511427.10	conserved protein, unknown function (fragment)	-2,642	4,44E-07
TcCLB.509479.20	mucin TcMUCII, putative	-2,645	1,097E-28
TcCLB.510089.10	mucin-associated surface protein (MASP), putative	-2,646	4,311E-36
TcCLB.507071.250	mucin TcMUCII, putative	-2,646	1,062E-22
TcCLB.510697.80	mucin-associated surface protein (MASP), putative	-2,648	3,843E-82
TcCLB.504081.460	mucin-associated surface protein (MASP), putative	-2,648	5,62E-53
TcCLB.480997.10	hypothetical protein, conserved	-2,649	3,337E-10
TcCLB.509811.18	mucin-associated surface protein (MASP, pseudogene), pi	-2,65	3,752E-31
TcCLB.506599.360	mucin-associated surface protein (MASP, pseudogene), pi	-2,651	1,004E-35
TcCLB.506291.10	mucin-associated surface protein (MASP), putative	-2,653	2,519E-37
TcCLB.509003.40	calpain-like cysteine peptidase, putative	-2,654	7,462E-53
TcCLB.508451.60	trans-sialidase, Group II, putative	-2,654	8,374E-38
TcCLB.506339.40	mucin-associated surface protein (MASP), putative	-2,654	6,465E-17
TcCLB.511257.90	mucin-associated surface protein (MASP), putative	-2,655	4,711E-51
TcCLB.511099.70	mucin TcMUCII, putative	-2,655	1,005E-12
TcCLB.510681.9	surface protease GP63, putative	-2,657	2,032E-27
TcCLB.506331.200	trans-sialidase (pseudogene), putative	-2,658	1,743E-37
TcCLB.508295.50	mucin TcMUCII, putative	-2,659	6,635E-24
TcCLB.510359.460	mucin-associated surface protein (MASP), putative	-2,659	1,646E-12
TcCLB.511255.200	mucin-associated surface protein (MASP), putative	-2,66	4,92E-29
TcCLB.506759.220	mucin-associated surface protein (MASP), putative	-2,66	3,691E-22
TcCLB.506769.30	mucin-associated surface protein (MASP), putative	-2,661	2,026E-60
TcCLB.509079.20	mucin-associated surface protein (MASP), putative	-2,663	5,429E-33
TcCLB.511083.39	mucin-associated surface protein (MASP), putative	-2,664	6,666E-44
TcCLB.511843.10	mucin-associated surface protein (MASP), putative	-2,669	1,722E-35
TcCLB.506765.40	trans-sialidase, Group II, putative	-2,669	2,091E-24
TcCLB.503501.70	mucin-associated surface protein (MASP), putative (fragm	-2,671	4,437E-42
TcCLB.511183.80	mucin-associated surface protein (MASP), putative	-2,671	1,718E-30
TcCLB.511183.400	trans-sialidase, Group VI, putative	-2,672	5,433E-59
TcCLB.505343.10	trans-sialidase (pseudogene), putative	-2,673	2,276E-33
TcCLB.504235.9	hypothetical protein, conserved (fragment)	-2,674	8,933E-56
TcCLB.510693.190	mucin-associated surface protein (MASP), putative	-2,674	2,326E-30
TcCLB.508873.520	mucin-associated surface protein (MASP, pseudogene), pi	-2,675	1,628E-26
TcCLB.506767.74	mucin TcMUCII (pseudogene), putative	-2,676	2,086E-18
TcCLB.511385.50	hypothetical protein	-2,677	5,6E-71



TcCLB.503717.120	trans-sialidase, Group V, putative	-2,677	4,757E-45
TcCLB.506609.30	trans-sialidase, Group V, putative	-2,677	6,012E-12
TcCLB.506459.149	mucin-associated surface protein (MASP), putative	-2,678	6,889E-97
TcCLB.505297.70	mucin TcMUCII, putative	-2,678	8,626E-74
TcCLB.506901.10	mucin TcMUCI, putative	-2,678	1,846E-07
TcCLB.511089.140	mucin-associated surface protein (MASP), putative	-2,679	3,345E-26
TcCLB.505949.80	mucin-associated surface protein (MASP), putative	-2,681	2,55E-50
TcCLB.504201.50	mucin-associated surface protein (MASP), putative	-2,681	1,173E-35
TcCLB.511643.70	trans-sialidase, Group VI, putative	-2,681	1,215E-17
TcCLB.510693.230	mucin-associated surface protein (MASP), putative	-2,682	3,064E-24
TcCLB.507237.160	mucin TcMUCII, putative	-2,682	9,423E-12
TcCLB.510239.60	mucin TcMUCII, putative	-2,683	1,337E-17
TcCLB.506133.170	mucin-associated surface protein (MASP, pseudogene), p	-2,684	6,108E-48
TcCLB.508871.110	trans-sialidase, Group V, putative	-2,685	3,794E-36
TcCLB.508885.5	mucin-associated surface protein (MASP), putative	-2,685	7,992E-07
TcCLB.506781.19	mucin-associated surface protein (MASP), putative	-2,686	8,424E-25
TcCLB.507723.50	trans-sialidase, Group IV, putative	-2,687	1,56E-33
TcCLB.510373.70	mucin TcMUCII, putative	-2,687	9,943E-17
TcCLB.508433.180	mucin-associated surface protein (MASP), putative	-2,692	1,388E-64
TcCLB.511603.320	mucin-associated surface protein (MASP), putative	-2,692	1,835E-21
TcCLB.510191.80	mucin TcMUCII, putative	-2,694	1,431E-18
TcCLB.511871.150	trans-sialidase (pseudogene), putative	-2,697	1,72E-70
TcCLB.508365.210	mucin TcMUCI, putative	-2,7	4,715E-13
TcCLB.510915.10	mucin-associated surface protein (MASP), putative	-2,701	7,256E-104
TcCLB.510017.59	mucin-associated surface protein (MASP), putative	-2,701	2,69E-67
TcCLB.487455.10	trans-sialidase, putative (fragment)	-2,702	5,028E-15
TcCLB.507167.80	trans-sialidase, Group II, putative	-2,705	1,56E-45
TcCLB.510457.10	mucin-associated surface protein (MASP), putative	-2,705	2,173E-16
TcCLB.509869.10	mucin TcMUCI, putative	-2,707	1,156E-31
TcCLB.510693.280	mucin-associated surface protein (MASP), putative	-2,709	2,872E-83
TcCLB.506501.70	mucin TcMUCII, putative	-2,709	3,77E-36
TcCLB.506501.240	mucin-associated surface protein (MASP), putative	-2,709	6,555E-16
TcCLB.421621.50	mucin-associated surface protein (MASP), putative	-2,709	2,141E-14
TcCLB.509539.10	trans-sialidase (pseudogene), putative	-2,71	1,505E-94
TcCLB.504873.10	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, p	-2,71	3,148E-76
TcCLB.509905.150	trans-sialidase, Group II, putative	-2,711	7,778E-297
TcCLB.508121.80	mucin TcMUCII, putative	-2,711	1,404E-17
TcCLB.508293.60	trans-sialidase, Group VI, putative	-2,712	5,281E-49
TcCLB.507959.200	mucin TcMUCII, putative	-2,712	1,369E-30
TcCLB.507859.15	hypothetical protein	-2,714	1,604E-40
TcCLB.510201.40	trans-sialidase (pseudogene), putative	-2,717	2,8E-69
TcCLB.510377.150	mucin TcMUCII, putative	-2,717	1,67E-08
TcCLB.511851.50	mucin TcMUCI, putative	-2,719	8,34E-37
TcCLB.507163.30	90 kDa surface protein, putative	-2,722	4,536E-26
TcCLB.504575.60	surface protease GP63, putative (fragment)	-2,724	3,576E-09

TcCLB.506661.160	hypothetical protein, conserved	-2,726	3,398E-52
TcCLB.506587.44	hypothetical protein	-2,727	4,352E-100
TcCLB.510377.450	mucin-associated surface protein (MASP), putative	-2,727	1,812E-49
TcCLB.507711.100	procyclic form surface phosphoprotein, putative	-2,728	1,663E-129
TcCLB.504039.90	mucin-associated surface protein (MASP, pseudogene), pi	-2,73	1,626E-35
TcCLB.508221.660	mucin-associated surface protein (MASP), putative	-2,732	1,58E-18
TcCLB.506767.220	mucin TcMUCII, putative	-2,733	1,42E-26
TcCLB.511151.110	surface protease GP63, putative (fragment)	-2,734	1,33E-209
TcCLB.503491.19	mucin-associated surface protein (MASP), putative	-2,734	6,302E-29
TcCLB.508501.140	mucin TcMUCII, putative	-2,735	7,091E-87
TcCLB.503811.45	hypothetical protein, conserved	-2,735	7,518E-66
TcCLB.507705.30	hypothetical protein, conserved	-2,736	5,862E-61
TcCLB.506573.5	surface antigen TASV-A8, putative (TASV-A8)	-2,737	1,034E-227
TcCLB.511153.40	surface protease GP63, putative	-2,737	4,212E-165
TcCLB.509975.30	mucin-associated surface protein (MASP), putative	-2,738	4,184E-151
TcCLB.508873.330	trans-sialidase, Group V, putative	-2,738	9,665E-67
TcCLB.510833.20	mucin-associated surface protein (MASP), putative	-2,741	1,117E-61
TcCLB.511449.80	mucin-associated surface protein (MASP, pseudogene), pi	-2,744	2,662E-14
TcCLB.506285.30	trans-sialidase (pseudogene), putative	-2,745	4,015E-69
TcCLB.503501.14	mucin TcMUCII, putative	-2,746	2,21E-29
TcCLB.511183.430	trans-sialidase, Group V, putative	-2,749	1,091E-41
TcCLB.511885.20	trans-sialidase, Group II, putative	-2,75	6,798E-87
TcCLB.511149.30	mucin TcMUCII (pseudogene), putative	-2,75	1,047E-21
TcCLB.510693.240	trans-sialidase, Group VI, putative	-2,753	8,754E-31
TcCLB.508541.130	mucin-associated surface protein (MASP), putative	-2,754	1,121E-123
TcCLB.506545.5	mucin TcMUCl, putative	-2,758	1,233E-53
TcCLB.511511.6	zinc finger protein ZFP1	-2,76	6,439E-19
TcCLB.509653.10	mucin-associated surface protein (MASP), putative	-2,761	3,01E-17
TcCLB.510805.5	trans-sialidase, putative	-2,761	6,466E-17
TcCLB.510021.100	mucin TcMUCII, putative	-2,762	2,515E-26
TcCLB.508607.50	trans-sialidase, Group II, putative	-2,764	1,605E-120
TcCLB.508151.20	mucin-associated surface protein (MASP), putative	-2,764	7,377E-29
TcCLB.508313.90	mucin TcMUCII, putative	-2,766	4,448E-65
TcCLB.506133.80	mucin-associated surface protein (MASP, pseudogene), pi	-2,766	4,555E-54
TcCLB.505949.120	mucin TcMUCII, putative	-2,766	5,698E-29
TcCLB.509905.200	trans-sialidase, Group II, putative	-2,768	7,189E-216
TcCLB.504239.420	mucin-associated surface protein (MASP), putative	-2,768	2,133E-52
TcCLB.508365.280	mucin TcMUCII, putative	-2,768	3,115E-25
TcCLB.511121.30	hypothetical protein	-2,769	5,939E-19
TcCLB.511851.37	mucin TcMUCl, putative	-2,77	2,676E-52
TcCLB.511185.120	mucin-associated surface protein (MASP), putative	-2,77	1,278E-36
TcCLB.509581.10	trans-sialidase, Group VII, putative	-2,771	5E-12
TcCLB.511347.20	mucin-associated surface protein (MASP, pseudogene), pi	-2,775	1,406E-113
TcCLB.506139.80	mucin TcMUCII, putative	-2,776	2,91E-21
TcCLB.506281.134	mucin-associated surface protein (MASP), putative	-2,776	1,312E-18

TcCLB.508101.9	trans-sialidase, putative (fragment)	-2,778	1,264E-21
TcCLB.506965.70	mucin-associated surface protein (MASP), putative	-2,78	2,206E-53
TcCLB.507237.280	mucin TcMUCII, putative	-2,78	1,029E-06
TcCLB.510303.10	surface protease GP63, putative	-2,781	1,943E-93
TcCLB.510363.80	mucin-associated surface protein (MASP), putative	-2,781	2,659E-19
TcCLB.510557.50	mucin TcMUCII, putative	-2,782	8,119E-57
TcCLB.510939.30	mucin TcMUCI, putative	-2,782	9,087E-39
TcCLB.510843.19	trans-sialidase, putative (fragment)	-2,783	2,344E-77
TcCLB.509493.39	mucin TcMUCII, putative	-2,784	2,154E-84
TcCLB.510487.79	mucin-associated surface protein (MASP), putative	-2,788	3,269E-23
TcCLB.510557.10	trans-sialidase (pseudogene), putative	-2,789	2,234E-85
TcCLB.504015.11	mucin-associated surface protein (MASP), putative (fragn	-2,791	1,573E-31
TcCLB.440219.10	trans-sialidase, putative (fragment)	-2,792	6,642E-129
TcCLB.508999.110	hypothetical protein	-2,792	1,42E-11
TcCLB.508307.180	hypothetical protein, conserved	-2,793	2,325E-166
TcCLB.504239.171	mucin TcMUCII, putative	-2,795	3,806E-27
TcCLB.504239.240	mucin-associated surface protein (MASP, pseudogene), pi	-2,795	1,5E-11
TcCLB.437805.9	trans-sialidase (pseudogene), putative	-2,797	6,858E-11
TcCLB.471467.10	trans-sialidase, putative (fragment)	-2,798	1,253E-39
TcCLB.511405.40	mucin TcMUCII (pseudogene), putative	-2,798	1,115E-33
TcCLB.506599.210	mucin-associated surface protein (MASP), putative	-2,801	7,107E-42
TcCLB.508119.30	mucin TcMUCII, putative	-2,802	2,898E-95
TcCLB.506973.5	mucin-associated surface protein (MASP), putative	-2,803	4,418E-19
TcCLB.507957.160	mucin-associated surface protein (MASP), putative	-2,805	8,289E-48
TcCLB.506767.400	mucin-associated surface protein (MASP), putative	-2,806	6,912E-27
TcCLB.506241.30	trans-sialidase, Group II, putative	-2,809	1,081E-47
TcCLB.511849.20	mucin TcMUCI, putative	-2,81	1,049E-54
TcCLB.511603.100	mucin-associated surface protein (MASP), putative	-2,811	1,159E-45
TcCLB.507071.160	mucin TcMUCII, putative	-2,813	1,768E-26
TcCLB.507879.10	trans-sialidase, Group II, putative	-2,814	5,316E-146
TcCLB.506289.110	surface protease GP63 (pseudogene), putative	-2,814	1,094E-110
TcCLB.507487.10	mucin TcMUCII, putative	-2,814	6,858E-35
TcCLB.510279.160	trans-sialidase (pseudogene), putative	-2,814	2,402E-34
TcCLB.511603.500	mucin-associated surface protein (MASP), putative	-2,815	7,604E-21
TcCLB.510587.20	mucin-associated surface protein (MASP, pseudogene), pi	-2,816	1,781E-19
TcCLB.508857.130	hypothetical protein, conserved	-2,82	1,129E-93
TcCLB.506149.20	hypothetical protein, conserved	-2,822	4,668E-54
TcCLB.507163.50	mucin TcMUCII, putative	-2,822	2,013E-31
TcCLB.511089.80	trans-sialidase, Group V, putative	-2,823	3,842E-36
TcCLB.509753.240	mucin TcMUCII, putative	-2,825	6,783E-15
TcCLB.506703.90	trans-sialidase, Group VI, putative	-2,828	2,814E-31
TcCLB.510025.220	mucin-associated surface protein (MASP), putative	-2,83	2,656E-35
TcCLB.508367.20	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, p	-2,83	6,481E-35
TcCLB.511839.20	mucin-associated surface protein (MASP), putative	-2,831	8,381E-12
TcCLB.509993.10	mucin TcMUCI, putative	-2,832	3,289E-31

TcCLB.506289.170	surface protease GP63, putative	-2,834	3,653E-71
TcCLB.511405.10	mucin TcMUCI, putative	-2,834	6,086E-20
TcCLB.509495.49	mucin TcMUCII, putative	-2,836	2,376E-90
TcCLB.510475.100	mucin-associated surface protein (MASP), putative	-2,836	6,384E-83
TcCLB.506813.29	mucin-associated surface protein (MASP), putative	-2,837	2,237E-16
TcCLB.506799.130	mucin-associated surface protein (MASP), putative	-2,838	6,65E-74
TcCLB.508245.70	mucin-associated surface protein (MASP), putative	-2,839	4,124E-41
TcCLB.510047.120	mucin-associated surface protein (MASP), putative	-2,841	1,272E-29
TcCLB.506599.150	mucin-associated surface protein (MASP), putative	-2,844	2,329E-51
TcCLB.507071.60	mucin TcMUCII, putative	-2,844	7,563E-21
TcCLB.509545.10	mucin-associated surface protein (MASP), putative	-2,845	2,646E-87
TcCLB.511413.19	trans-sialidase, putative	-2,846	4,816E-85
TcCLB.508165.14	trans-sialidase, putative (fragment)	-2,847	3,821E-14
TcCLB.510477.90	mucin TcMUCII, putative	-2,849	5,479E-18
TcCLB.511233.130	mucin-associated surface protein (MASP), putative	-2,849	4,058E-14
TcCLB.507429.49	mucin TcMUCII, putative	-2,85	1,402E-46
TcCLB.505025.30	mucin TcMUCII, putative	-2,85	2,841E-30
TcCLB.508053.10	trans-sialidase, putative	-2,85	1,784E-13
TcCLB.508401.10	trans-sialidase, putative	-2,852	2,053E-38
TcCLB.510359.550	mucin-associated surface protein (MASP), putative	-2,855	4,616E-26
TcCLB.504197.5	mucin-associated surface protein (MASP), putative (fragm	-2,855	1,702E-10
TcCLB.506409.100	mucin TcMUCII, putative	-2,856	9,007E-44
TcCLB.504239.350	mucin-associated surface protein (MASP), putative	-2,857	1,485E-106
TcCLB.506499.210	mucin-associated surface protein (MASP), putative	-2,857	3,19E-85
TcCLB.506955.70	mucin-associated surface protein (MASP), putative	-2,858	1,946E-70
TcCLB.506965.190	mucin TcMUCII, putative	-2,858	1,113E-16
TcCLB.511233.160	hypothetical protein	-2,859	6,822E-53
TcCLB.506409.50	mucin TcMUCII, putative	-2,859	1,77E-45
TcCLB.511921.140	mucin-associated surface protein (MASP), putative	-2,86	3,108E-20
TcCLB.508995.10	protein kinase, putative	-2,866	2,993E-123
TcCLB.508147.70	trans-sialidase (pseudogene), putative	-2,866	9,624E-24
TcCLB.474079.10	trans-sialidase, putative	-2,867	2,273E-117
TcCLB.508247.110	serine-alanine-and proline-rich protein, putative	-2,87	3,438E-48
TcCLB.473709.10	trans-sialidase, putative (fragment)	-2,87	3,147E-13
TcCLB.506309.60	trans-sialidase, Group V, putative	-2,87	4,037E-11
TcCLB.505025.130	mucin-associated surface protein (MASP), putative	-2,871	2,433E-24
TcCLB.506761.11	mucin-associated surface protein (MASP), putative (fragm	-2,871	1,796E-18
TcCLB.508759.10	mucin-associated surface protein (MASP), putative	-2,872	9,359E-23
TcCLB.418405.30	trans-sialidase, putative	-2,872	2,123E-09
TcCLB.510961.30	mucin-associated surface protein (MASP), putative	-2,875	6,171E-58
TcCLB.506409.170	trans-sialidase, Group VI, putative	-2,876	6,46E-132
TcCLB.504081.90	mucin-associated surface protein (MASP), putative	-2,88	4,444E-53
TcCLB.507957.60	mucin-associated surface protein (MASP, pseudogene), pu	-2,88	4,634E-37
TcCLB.506785.14	mucin-associated surface protein (MASP), putative	-2,88	5,881E-23
TcCLB.447847.10	trans-sialidase (pseudogene), putative	-2,88	5,473E-22

TcCLB.510831.21	trans-sialidase, putative (fragment)	-2,88	9,625E-12
TcCLB.511671.20	trans-sialidase (pseudogene), putative	-2,881	1,337E-71
TcCLB.507071.340	hypothetical protein	-2,884	3,902E-50
TcCLB.508219.50	mucin TcMUCII, putative	-2,884	1,395E-18
TcCLB.510197.80	hypothetical protein, conserved	-2,887	1,288E-67
TcCLB.511063.100	trans-sialidase (pseudogene), putative	-2,887	1,978E-37
TcCLB.509925.10	mucin-associated surface protein (MASP), putative	-2,889	2,597E-69
TcCLB.510021.50	mucin-associated surface protein (MASP), putative	-2,891	2,554E-33
TcCLB.504405.10	dispersed gene family protein 1 (DGF-1), putative	-2,891	1,083E-06
TcCLB.510483.220	mucin-associated surface protein (MASP), putative	-2,893	6,038E-64
TcCLB.471799.10	trans-sialidase, putative (fragment)	-2,893	2,812E-45
TcCLB.506501.390	mucin TcMUCII, putative	-2,896	1,536E-22
TcCLB.506001.14	mucin-associated surface protein (MASP), putative	-2,897	1,577E-34
TcCLB.506965.180	mucin-associated surface protein (MASP), putative	-2,897	8,3E-15
TcCLB.504985.20	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, p	-2,899	1,014E-43
TcCLB.510201.20	mucin-associated surface protein (MASP), putative	-2,904	9,513E-34
TcCLB.506767.70	mucin-associated surface protein (MASP), putative	-2,906	2,225E-47
TcCLB.506847.50	trans-sialidase (pseudogene), putative	-2,906	6,165E-08
TcCLB.506939.110	mucin-associated surface protein (MASP), putative	-2,907	1,005E-36
TcCLB.506131.20	mucin TcMUCII, putative	-2,907	7,145E-20
TcCLB.511923.80	mucin-associated surface protein (MASP, pseudogene), p	-2,907	3,233E-14
TcCLB.415273.9	mucin TcMUCII (pseudogene), putative	-2,909	9,828E-15
TcCLB.509477.10	mucin-associated surface protein (MASP), putative	-2,909	6,991E-07
TcCLB.510805.70	mucin TcMUCII, putative	-2,91	2,898E-23
TcCLB.506229.50	nucleoside phosphatase, putative	-2,913	3,13E-199
TcCLB.506291.31	surface protease GP63 (pseudogene), putative	-2,913	4,673E-32
TcCLB.510021.30	mucin TcMUCII, putative	-2,916	2,173E-30
TcCLB.506289.140	surface protease GP63, putative	-2,917	2,487E-106
TcCLB.504239.290	mucin-associated surface protein (MASP), putative	-2,917	1,075E-59
TcCLB.507633.40	mucin TcMUCII, putative	-2,918	3,861E-109
TcCLB.509665.30	trans-sialidase, Group V, putative	-2,92	5,462E-42
TcCLB.508595.11	hypothetical protein	-2,92	6,068E-15
TcCLB.509875.30	trans-sialidase (pseudogene), putative	-2,921	1,07E-52
TcCLB.508939.30	mucin-associated surface protein (MASP), putative	-2,921	2,143E-35
TcCLB.510377.70	mucin TcMUCII, putative	-2,922	9,037E-09
TcCLB.504249.30	mucin-associated surface protein (MASP), putative	-2,923	4,829E-43
TcCLB.508261.50	mucin-associated surface protein (MASP), putative	-2,923	6,077E-40
TcCLB.511173.160	trans-sialidase (pseudogene), putative	-2,927	1,643E-44
TcCLB.509993.60	mucin TcMUCI, putative	-2,928	6,168E-30
TcCLB.511487.150	serine-alanine-and proline-rich protein, putative	-2,928	3,249E-29
TcCLB.507957.334	mucin-associated surface protein (MASP), putative	-2,928	2,68E-07
TcCLB.507091.60	trans-sialidase, Group V, putative	-2,931	1,612E-65
TcCLB.510377.430	mucin-associated surface protein (MASP), putative	-2,932	8,659E-42
TcCLB.510371.120	mucin-associated surface protein (MASP), putative	-2,933	1,689E-37
TcCLB.507747.170	mucin-associated surface protein (MASP), putative	-2,934	1,929E-105

TcCLB.409625.10	trans-sialidase, putative (fragment)	-2,935	4,45E-40
TcCLB.508499.10	mucin TcMUCII, putative	-2,936	1,014E-61
TcCLB.506769.80	mucin-associated surface protein (MASP), putative	-2,936	1,025E-59
TcCLB.508157.40	hypothetical protein	-2,939	7,712E-51
TcCLB.503827.100	trans-sialidase, Group VI, putative	-2,939	6,557E-25
TcCLB.509957.20	expression site-associated gene (ESAG-like) protein, putative	-2,941	2,2E-19
TcCLB.503659.30	trans-sialidase, putative	-2,943	6,113E-44
TcCLB.509867.20	mucin-associated surface protein (MASP), putative	-2,943	6,662E-15
TcCLB.511183.350	surface protease GP63 (pseudogene), putative	-2,946	1,361E-44
TcCLB.509493.20	mucin TcMUCII, putative	-2,947	1,893E-67
TcCLB.507747.160	mucin TcMUCII, putative	-2,947	1,764E-57
TcCLB.509287.100	mucin TcMUCII, putative	-2,949	1,305E-96
TcCLB.508227.20	mucin-associated surface protein (MASP), putative	-2,95	1,237E-70
TcCLB.506499.190	90 kDa surface protein, putative	-2,951	9,329E-42
TcCLB.506409.90	mucin-associated surface protein (MASP), putative	-2,953	1,94E-21
TcCLB.509217.160	complement regulatory protein, putative	-2,957	1,007E-40
TcCLB.503679.10	aspartate aminotransferase, putative	-2,958	6,519E-76
TcCLB.509697.29	hypothetical protein	-2,958	8,859E-15
TcCLB.510365.10	trans-sialidase (pseudogene), putative	-2,959	3,356E-22
TcCLB.506885.280	NIMA-related kinase, putative	-2,962	3,55E-57
TcCLB.503977.40	mucin TcMUCII, putative	-2,962	1,017E-38
TcCLB.504239.110	mucin-associated surface protein (MASP), putative	-2,967	1,197E-36
TcCLB.453767.50	mucin-associated surface protein (MASP), putative	-2,967	3,883E-36
TcCLB.506477.60	protein kinase, putative	-2,968	9,331E-248
TcCLB.508163.140	mucin-associated surface protein (MASP), putative	-2,971	7,888E-99
TcCLB.510475.40	mucin TcMUCII, putative	-2,973	7,302E-17
TcCLB.508963.30	trans-sialidase, Group VIII, putative	-2,975	7,519E-90
TcCLB.504239.434	trans-sialidase, putative (fragment)	-2,977	8,892E-22
TcCLB.511173.140	hypothetical protein	-2,978	1,417E-13
TcCLB.510371.10	mucin-associated surface protein (MASP), putative	-2,979	1,11E-47
TcCLB.510013.290	mucin-associated surface protein (MASP), putative	-2,979	3,475E-24
TcCLB.507959.310	mucin TcMUCII, putative	-2,98	4,587E-35
TcCLB.507145.70	mucin-associated surface protein (MASP, pseudogene), putative	-2,98	4,201E-16
TcCLB.506741.80	mucin TcMUCII, putative	-2,982	7,423E-20
TcCLB.508761.20	mucin TcMUCII, putative	-2,984	4,204E-71
TcCLB.510643.100	trans-sialidase (pseudogene), putative	-2,985	2,636E-08
TcCLB.510275.255	hypothetical protein	-2,986	2,278E-18
TcCLB.506769.40	hypothetical protein	-2,987	1,329E-17
TcCLB.506451.80	mucin-associated surface protein (MASP, pseudogene), putative	-2,988	1,165E-98
TcCLB.510191.20	mucin TcMUCII, putative	-2,988	1,912E-21
TcCLB.506501.230	mucin TcMUCII, putative	-2,988	5,717E-15
TcCLB.508429.20	mucin-like glycoprotein, putative	-2,989	3,755E-29
TcCLB.510191.70	mucin-associated surface protein (MASP), putative	-2,99	4,949E-30
TcCLB.503769.20	trans-sialidase (pseudogene), putative	-2,991	1,536E-41
TcCLB.509493.110	mucin TcMUCII, putative	-2,993	1,32E-78

TcCLB.509531.10	trans-sialidase, putative (fragment)	-2,994	3,123E-47
TcCLB.408825.5	mucin-associated surface protein (MASP), putative (fragm	-2,995	1,347E-30
TcCLB.506067.240	mucin-associated surface protein (MASP), putative	-2,995	2,089E-17
TcCLB.504239.280	90 kDa surface protein, putative	-2,999	3,405E-34
TcCLB.506763.90	mucin-associated surface protein (MASP, pseudogene), pi	-2,999	1,392E-21
TcCLB.507959.250	mucin TcMUCII, putative	-3	2,025E-23
TcCLB.506741.100	trans-sialidase, Group V, putative	-3,001	8,674E-33
TcCLB.511087.19	trans-sialidase, putative (fragment)	-3,002	5,187E-29
TcCLB.506321.200	mucin-associated surface protein (MASP), putative	-3,003	3,119E-32
TcCLB.508433.220	mucin-associated surface protein (MASP), putative	-3,003	2,137E-27
TcCLB.511923.10	mucin-associated surface protein (MASP, pseudogene), pi	-3,003	2,425E-08
TcCLB.510373.90	mucin-associated surface protein (MASP), putative	-3,005	3,462E-48
TcCLB.510553.40	trans-sialidase, Group V, putative	-3,006	1,837E-55
TcCLB.506955.250	mucin TcMUCII, putative	-3,007	2,047E-48
TcCLB.511849.10	mucin TcMUCI, putative	-3,008	1,187E-58
TcCLB.507637.100	mucin TcMUCII, putative	-3,009	9,917E-41
TcCLB.510197.20	mucin-associated surface protein (MASP), putative	-3,01	2,455E-95
TcCLB.508161.50	trans-sialidase, putative	-3,01	2,88E-39
TcCLB.510261.41	mucin TcMUC (pseudogene), putative	-3,011	4,251E-16
TcCLB.509699.220	trans-sialidase (pseudogene), putative	-3,013	1,142E-89
TcCLB.508247.80	mucin-associated surface protein (MASP), putative	-3,014	3,079E-27
TcCLB.504911.20	mucin-associated surface protein (MASP, pseudogene), pi	-3,014	1,871E-09
TcCLB.507957.270	mucin TcMUCI, putative	-3,015	2,833E-46
TcCLB.509905.170	trans-sialidase, Group VIII, putative	-3,02	3,508E-79
TcCLB.506499.105	mucin-associated surface protein (MASP, pseudogene), pi	-3,02	1,779E-37
TcCLB.505567.31	mucin-associated surface protein (MASP, pseudogene), pi	-3,021	3,957E-11
TcCLB.510503.160	mucin TcMUCII, putative	-3,022	2,821E-75
TcCLB.507071.120	mucin-associated surface protein (MASP), putative	-3,022	6,676E-50
TcCLB.508541.80	mucin TcMUCII, putative	-3,029	8,085E-47
TcCLB.508277.170	hypothetical protein, conserved	-3,03	6,459E-89
TcCLB.508853.30	hypothetical protein	-3,03	3,113E-55
TcCLB.510875.10	dispersed gene family protein 1 (DGF-1, pseudogene), put	-3,03	1,144E-19
TcCLB.506599.280	mucin-associated surface protein (MASP, pseudogene), pi	-3,031	1,806E-28
TcCLB.510201.5	mucin-associated surface protein (MASP), putative	-3,033	3,274E-13
TcCLB.507957.320	mucin-associated surface protein (MASP), putative	-3,038	2,175E-63
TcCLB.508245.60	mucin TcMUCII, putative	-3,04	4,131E-29
TcCLB.511547.40	retrotransposon hot spot protein (RHS, pseudogene), puta	-3,042	2,398E-73
TcCLB.510627.110	mucin-associated surface protein (MASP), putative	-3,042	3,218E-08
TcCLB.511211.190	hypothetical protein	-3,044	1,323E-97
TcCLB.511487.170	mucin-associated surface protein (MASP), putative	-3,047	1,203E-64
TcCLB.509525.60	mucin TcMUCII, putative	-3,048	1,212E-15
TcCLB.510961.10	mucin-associated surface protein (MASP), putative	-3,049	2,254E-60
TcCLB.506329.70	mucin TcMUCII, putative	-3,051	2,281E-19
TcCLB.508633.20	trans-sialidase, Group V, putative	-3,052	3,949E-32
TcCLB.506309.70	mucin-associated surface protein (MASP), putative	-3,055	4,851E-27

TcCLB.506813.5	hypothetical protein	-3,056	2,446E-72
TcCLB.398265.9	trans-sialidase, putative	-3,056	5,453E-19
TcCLB.510279.10	trans-sialidase (pseudogene), putative	-3,059	2,438E-32
TcCLB.510557.60	mucin-associated surface protein (MASP), putative	-3,06	4,797E-24
TcCLB.511259.220	mucin-associated surface protein (MASP), putative	-3,063	4,081E-54
TcCLB.505025.137	mucin TcMUCII, putative	-3,063	6,48E-18
TcCLB.508603.10	trans-sialidase, putative	-3,064	2,033E-38
TcCLB.511553.160	90 kDa surface protein, putative	-3,065	4,17E-32
TcCLB.506245.220	mucin TcMUCII, putative	-3,07	1,261E-28
TcCLB.509545.79	mucin-associated surface protein (MASP), putative	-3,071	1,705E-49
TcCLB.509419.20	mucin-associated surface protein (MASP), putative	-3,076	7,456E-14
TcCLB.504393.30	trans-sialidase (pseudogene), putative	-3,077	5,1E-63
TcCLB.507803.10	mucin-associated surface protein (MASP), putative	-3,079	1,611E-69
TcCLB.506599.310	mucin-associated surface protein (MASP), putative	-3,079	2,646E-21
TcCLB.508163.280	mucin TcMUCII, putative	-3,08	1,926E-39
TcCLB.506053.50	trans-sialidase, Group IV, putative	-3,081	6,923E-73
TcCLB.506893.10	mucin TcMUCII, putative	-3,081	5,046E-26
TcCLB.506409.140	mucin TcMUCII, putative	-3,081	1,15E-14
TcCLB.399685.10	trans-sialidase, putative (fragment)	-3,082	9,802E-63
TcCLB.511183.560	mucin-associated surface protein (MASP), putative	-3,085	3,633E-47
TcCLB.508427.40	mucin-associated surface protein (MASP), putative	-3,087	3,234E-72
TcCLB.504239.340	mucin TcMUCII, putative	-3,087	6,735E-35
TcCLB.503429.30	mucin-associated surface protein (MASP), putative	-3,088	1,019E-42
TcCLB.511839.40	trans-sialidase, Group V, putative	-3,09	4,046E-47
TcCLB.505949.20	mucin-associated surface protein (MASP), putative	-3,092	5,114E-49
TcCLB.510021.120	trans-sialidase, Group V, putative	-3,092	4,512E-23
TcCLB.511613.60	mucin-associated surface protein (MASP), putative	-3,093	7,389E-101
TcCLB.509081.5	mucin-associated surface protein (MASP), putative	-3,093	2,159E-37
TcCLB.505025.80	hypothetical protein, conserved	-3,094	6,594E-166
TcCLB.510377.400	mucin TcMUCII, putative	-3,097	1,266E-40
TcCLB.507085.60	mucin TcMUCII, putative	-3,101	2,24E-74
TcCLB.504787.30	mucin-associated surface protein (MASP), putative	-3,101	1,209E-20
TcCLB.464391.10	retrotransposon hot spot protein (RHS, pseudogene), puta	-3,105	2,029E-14
TcCLB.510237.70	mucin-associated surface protein (MASP), putative	-3,106	3,297E-44
TcCLB.510917.9	mucin-associated surface protein (MASP), putative	-3,111	5,05E-44
TcCLB.506741.130	trans-sialidase, Group V, putative	-3,115	2,183E-32
TcCLB.508841.10	surface antigen TASV-A4 (TASV-A4)	-3,116	1,432E-196
TcCLB.466325.10	trans-sialidase (pseudogene), putative	-3,116	2,098E-29
TcCLB.509493.80	mucin TcMUCII, putative	-3,117	5,542E-149
TcCLB.506611.20	mucin TcMUCII, putative	-3,117	5,774E-26
TcCLB.504183.20	trans-sialidase, Group II, putative	-3,118	1,098E-122
TcCLB.479481.10	mucin-associated surface protein (MASP), putative (fragn	-3,118	8,488E-31
TcCLB.506951.80	trans-sialidase, Group V, putative	-3,119	1,517E-99
TcCLB.507069.150	mucin-associated surface protein (MASP), putative	-3,119	1,329E-51
TcCLB.508293.80	mucin-associated surface protein (MASP), putative	-3,119	8,696E-34



TcCLB.506501.170	mucin TcMUCII, putative	-3,121	1,484E-24
TcCLB.510483.120	mucin-associated surface protein (MASP), putative	-3,123	1,216E-28
TcCLB.457979.10	mucin-associated surface protein (MASP), putative	-3,124	2,63E-22
TcCLB.506453.10	trans-sialidase, putative	-3,126	6,136E-50
TcCLB.511063.140	trans-sialidase (pseudogene), putative	-3,126	3,166E-29
TcCLB.503875.10	mucin-associated surface protein (MASP), putative	-3,127	5,889E-20
TcCLB.511775.21	mitochondrial RNA editing ligase 1 (pseudogene), putative	-3,127	4,144E-10
TcCLB.511553.90	mucin TcMUCII, putative	-3,128	1,095E-70
TcCLB.510419.20	trans-sialidase, Group VI, putative	-3,129	8,685E-45
TcCLB.508883.48	trans-sialidase, putative	-3,131	8,391E-92
TcCLB.508013.40	trans-sialidase, Group VI, putative	-3,131	3,971E-59
TcCLB.508229.10	trans-sialidase, putative	-3,131	1,166E-24
TcCLB.509483.10	surface protease GP63, putative	-3,133	2,534E-15
TcCLB.506309.130	trans-sialidase (pseudogene), putative	-3,134	5,663E-16
TcCLB.510025.180	mucin-associated surface protein (MASP), putative	-3,138	2,146E-66
TcCLB.459793.10	mucin TcMUCl, putative	-3,138	3,018E-32
TcCLB.506809.10	trans-sialidase (pseudogene), putative	-3,14	3,188E-96
TcCLB.511183.260	mucin-associated surface protein (MASP), putative	-3,141	1,656E-49
TcCLB.510307.10	surface protease GP63, putative	-3,145	2,02E-19
TcCLB.506245.302	mucin-associated surface protein (MASP), putative	-3,146	1,555E-74
TcCLB.504039.240	mucin TcMUCII, putative	-3,146	1,077E-47
TcCLB.511911.60	trans-sialidase, Group III, putative	-3,146	1,169E-07
TcCLB.510013.240	mucin TcMUCII, putative	-3,147	1,142E-22
TcCLB.509753.300	mucin TcMUCII, putative	-3,147	1,097E-20
TcCLB.510021.80	90 kDa surface protein, putative	-3,148	3,687E-45
TcCLB.511099.190	mucin-associated surface protein (MASP), putative	-3,149	2,653E-56
TcCLB.510305.9	Present in the outer mitochondrial membrane proteome	-3,153	3,13E-127
TcCLB.509979.174	mucin-associated surface protein (MASP), putative	-3,155	1,767E-79
TcCLB.506667.10	mucin-associated surface protein (MASP), putative	-3,156	1,567E-19
TcCLB.511079.40	surface protease GP63 (pseudogene), putative	-3,156	6,125E-18
TcCLB.504233.70	mucin TcMUCl, putative	-3,157	3,435E-25
TcCLB.511555.10	mucin-associated surface protein (MASP), putative	-3,159	2,171E-89
TcCLB.506967.60	trans-sialidase, Group VI, putative	-3,16	2,024E-54
TcCLB.510093.10	ATPase, putative	-3,16	1,386E-20
TcCLB.510697.60	mucin-associated surface protein (MASP), putative	-3,161	8,809E-81
TcCLB.503783.80	mucin-associated surface protein (MASP), putative	-3,161	9,306E-76
TcCLB.510715.64	mucin-associated surface protein (MASP), putative	-3,161	2,055E-25
TcCLB.511597.10	trans-sialidase, putative	-3,161	1,533E-15
TcCLB.507281.19	retrotransposon hot spot protein (RHS, pseudogene), putative	-3,162	1,012E-52
TcCLB.506569.50	expression site-associated gene (ESAG-like) protein, putative	-3,164	8,716E-18
TcCLB.483183.10	trans-sialidase, putative (fragment)	-3,169	6,186E-19
TcCLB.508125.100	mucin TcMUCII, putative	-3,17	1,035E-09
TcCLB.510377.260	mucin-associated surface protein (MASP), putative	-3,173	1,029E-17
TcCLB.511645.21	mucin TcMUCII, putative	-3,175	1,503E-103
TcCLB.507429.10	mucin TcMUCII (pseudogene), putative	-3,177	2,578E-87

TcCLB.510025.170	mucin TcMUCII, putative	-3,177	1,626E-53
TcCLB.510621.20	mucin-associated surface protein (MASP), putative	-3,181	1,942E-44
TcCLB.507699.120	mucin TcMUCII, putative	-3,182	7,339E-37
TcCLB.505025.70	mucin-associated surface protein (MASP), putative	-3,183	5,551E-72
TcCLB.506157.40	trans-sialidase, putative	-3,185	1,138E-65
TcCLB.511255.50	mucin-associated surface protein (MASP), putative	-3,188	5,403E-69
TcCLB.503645.40	mucin-associated surface protein (MASP), putative	-3,188	6,956E-40
TcCLB.506955.14	mucin-associated surface protein (MASP, pseudogene), pi	-3,189	1,425E-67
TcCLB.430567.10	trans-sialidase, putative (fragment)	-3,19	1,027E-86
TcCLB.507997.14	trans-sialidase, putative (fragment)	-3,194	2,225E-94
TcCLB.506741.120	mucin-associated surface protein (MASP), putative	-3,2	2,008E-45
TcCLB.510275.272	hypothetical protein	-3,2	6,425E-43
TcCLB.510163.30	mucin-associated surface protein (MASP), putative	-3,201	5,368E-202
TcCLB.506501.184	mucin-associated surface protein (MASP, pseudogene), pi	-3,202	4,5E-29
TcCLB.511609.30	mucin-associated surface protein (MASP), putative	-3,205	1,07E-22
TcCLB.506965.130	mucin-associated surface protein (MASP), putative	-3,206	2,486E-111
TcCLB.507907.10	trans-sialidase, putative	-3,208	1,279E-24
TcCLB.508309.5	trans-sialidase, putative (fragment)	-3,209	4,439E-26
TcCLB.508125.149	trans-sialidase, putative (fragment)	-3,213	2,147E-77
TcCLB.510371.130	mucin TcMUCII, putative	-3,215	2,531E-29
TcCLB.507091.80	mucin-associated surface protein (MASP), putative	-3,215	4,585E-25
TcCLB.504341.10	trans-sialidase, Group IV, putative	-3,216	1,551E-131
TcCLB.509081.100	mucin TcMUCII, putative	-3,217	2,089E-71
TcCLB.504039.57	mucin-associated surface protein (MASP, pseudogene), pi	-3,219	5,283E-10
TcCLB.508789.150	mucin-associated surface protein (MASP), putative	-3,22	5,389E-78
TcCLB.506973.90	mucin-associated surface protein (MASP, pseudogene), pi	-3,221	3,191E-80
TcCLB.510715.40	mucin-associated surface protein (MASP), putative	-3,222	2,37E-33
TcCLB.508887.20	mucin TcMUCII, putative	-3,223	2,134E-47
TcCLB.506951.90	trans-sialidase, Group IV, putative	-3,224	6,829E-133
TcCLB.507237.89	mucin TcMUCII, putative	-3,226	9,597E-16
TcCLB.510213.80	mucin TcMUCII, putative	-3,227	3,825E-33
TcCLB.505997.80	trans-sialidase, Group VIII, putative	-3,23	2,493E-103
TcCLB.506501.50	mucin-associated surface protein (MASP, pseudogene), pi	-3,23	5,338E-37
TcCLB.508429.40	mucin-associated surface protein (MASP, pseudogene), pi	-3,234	5,309E-31
TcCLB.510411.40	trans-sialidase, putative	-3,236	2,934E-50
TcCLB.506331.50	trans-sialidase (pseudogene), putative	-3,239	2,066E-59
TcCLB.422867.10	trans-sialidase, Group II, putative	-3,239	1,021E-31
TcCLB.506599.430	mucin TcMUCII, putative	-3,241	1,71E-43
TcCLB.508873.580	mucin-associated surface protein (MASP), putative	-3,243	5,659E-42
TcCLB.506139.100	mucin TcMUCII, putative	-3,243	9,122E-41
TcCLB.511643.50	mucin-associated surface protein (MASP, pseudogene), pi	-3,244	1,116E-61
TcCLB.509731.10	poly-zinc finger protein 2, putative	-3,244	8,55E-34
TcCLB.506139.70	mucin-associated surface protein (MASP), putative	-3,25	1,747E-42
TcCLB.509525.100	trans-sialidase (pseudogene), putative	-3,252	1,674E-57
TcCLB.503973.70	serine-alanine-and proline-rich protein, putative	-3,253	5,651E-71

TcCLB.508375.10	mucin-associated surface protein (MASP), putative	-3,254	5,444E-92
TcCLB.510213.9	mucin-associated surface protein (MASP), putative	-3,254	2,173E-52
TcCLB.511183.230	trans-sialidase, Group V, putative	-3,254	9,141E-38
TcCLB.508365.290	mucin TcMUCII, putative	-3,255	4,754E-32
TcCLB.507937.3	trans-sialidase, putative	-3,256	6,379E-10
TcCLB.507555.50	trans-sialidase, Group VIII, putative	-3,257	3,83E-181
TcCLB.510047.80	trans-sialidase, Group V, putative	-3,257	3,306E-63
TcCLB.506623.20	trans-sialidase (pseudogene), putative	-3,26	2,562E-49
TcCLB.504801.20	surface protease GP63, putative	-3,26	8,386E-33
TcCLB.508165.300	mucin-associated surface protein (MASP), putative	-3,261	1,151E-94
TcCLB.506057.15	hypothetical protein	-3,266	5,728E-65
TcCLB.511255.630	mucin-associated surface protein (MASP), putative	-3,266	5,301E-38
TcCLB.508539.160	mucin-associated surface protein (MASP), putative	-3,271	1,066E-97
TcCLB.506321.20	mucin-associated surface protein (MASP), putative	-3,272	6,141E-121
TcCLB.510831.10	mucin-associated surface protein (MASP, pseudogene), pu	-3,272	3,371E-24
TcCLB.511599.90	mucin-associated surface protein (MASP), putative	-3,273	1,003E-60
TcCLB.511553.150	mucin-associated surface protein (MASP), putative	-3,274	2,718E-72
TcCLB.510847.10	trans-sialidase, Group VIII, putative	-3,276	7,925E-302
TcCLB.506799.30	mucin-like glycoprotein, putative	-3,277	3,014E-93
TcCLB.505025.10	mucin-associated surface protein (MASP), putative	-3,278	6,208E-40
TcCLB.506245.200	mucin-associated surface protein (MASP), putative	-3,279	7,269E-82
TcCLB.505993.30	trans-sialidase, Group VIII, putative	-3,28	4,827E-173
TcCLB.510197.160	mucin-associated surface protein (MASP, pseudogene), pu	-3,281	4,325E-133
TcCLB.511595.59	trans-sialidase, putative (fragment)	-3,283	4,484E-14
TcCLB.509665.20	mucin-associated surface protein (MASP), putative	-3,285	3,635E-93
TcCLB.508165.170	mucin-associated surface protein (MASP), putative	-3,286	2,729E-56
TcCLB.508061.20	trans-sialidase, Group II, putative	-3,287	6,677E-131
TcCLB.510013.70	mucin-associated surface protein (MASP), putative	-3,287	4,122E-28
TcCLB.456627.10	trans-sialidase (pseudogene), putative	-3,29	2,392E-08
TcCLB.506279.140	trans-sialidase, Group V, putative	-3,291	1,082E-58
TcCLB.503827.60	mucin-associated surface protein (MASP), putative	-3,293	1,621E-57
TcCLB.510391.20	mucin-associated surface protein (MASP), putative	-3,295	9,799E-69
TcCLB.511377.30	mucin-associated surface protein (MASP), putative	-3,296	1,518E-37
TcCLB.506451.20	trans-sialidase, Group V, putative	-3,297	9,89E-79
TcCLB.508221.170	mucin-associated surface protein (MASP), putative	-3,3	2,77E-21
TcCLB.506923.21	mucin TcMUCII, putative	-3,304	1,107E-66
TcCLB.510463.120	mucin-associated surface protein (MASP), putative	-3,304	1,134E-07
TcCLB.510555.30	mucin TcMUCII, putative	-3,305	1,149E-51
TcCLB.503441.5	trans-sialidase, putative (fragment)	-3,306	9,247E-55
TcCLB.506759.160	mucin TcMUCII, putative	-3,306	4,92E-16
TcCLB.510583.130	mucin-associated surface protein (MASP), putative	-3,309	1,015E-36
TcCLB.507471.10	surface protease GP63 (pseudogene), putative	-3,309	2,839E-11
TcCLB.507957.90	mucin TcMUCII, putative	-3,31	2,174E-46
TcCLB.510477.100	mucin-associated surface protein (MASP), putative	-3,314	1,442E-70
TcCLB.509227.10	mucin TcMUCI, putative	-3,314	1,739E-68

TcCLB.508539.110	mucin-associated surface protein (MASP), putative	-3,315	3,224E-80
TcCLB.506765.74	mucin-associated surface protein (MASP), putative	-3,315	1,194E-65
TcCLB.506409.200	mucin TcMUCII, putative	-3,316	1,802E-54
TcCLB.510557.80	mucin TcMUCII, putative	-3,317	3,355E-57
TcCLB.508495.140	mucin TcMUCII, putative	-3,326	2,089E-98
TcCLB.510013.170	mucin-associated surface protein (MASP), putative	-3,328	1,006E-28
TcCLB.506911.30	trans-sialidase, Group V, putative	-3,329	1,853E-91
TcCLB.506307.10	mucin-associated surface protein (MASP), putative	-3,33	9,936E-48
TcCLB.508365.50	mucin TcMUCII, putative	-3,332	1,894E-17
TcCLB.510459.20	mucin-associated surface protein (MASP), putative	-3,335	6,88E-62
TcCLB.508243.10	mucin-associated surface protein (MASP), putative	-3,337	7,139E-93
TcCLB.503827.20	mucin-associated surface protein (MASP), putative	-3,34	1,064E-51
TcCLB.510625.19	mucin-associated surface protein (MASP), putative	-3,342	7,977E-29
TcCLB.506499.140	mucin-associated surface protein (MASP), putative	-3,343	1,331E-94
TcCLB.510025.260	mucin-associated surface protein (MASP), putative	-3,35	1,137E-101
TcCLB.403869.10	trans-sialidase, putative (fragment)	-3,35	1,592E-57
TcCLB.510483.180	mucin-associated surface protein (MASP), putative	-3,35	8,266E-50
TcCLB.507699.149	mucin TcMUCII, putative	-3,351	3,75E-57
TcCLB.506761.47	mucin TcMUCII, putative	-3,355	1,264E-26
TcCLB.510331.10	trans-sialidase, Group III, putative	-3,356	7,963E-158
TcCLB.511551.40	retrotransposon hot spot protein (RHS, pseudogene), puta	-3,361	6,043E-26
TcCLB.506737.128	mucin TcMUCI, putative	-3,362	4,518E-75
TcCLB.506455.30	trans-sialidase, Group II, putative	-3,363	5,908E-93
TcCLB.510281.20	surface protease GP63, putative	-3,365	1,923E-64
TcCLB.506763.50	mucin-associated surface protein (MASP), putative	-3,369	4,163E-42
TcCLB.510495.30	trans-sialidase (pseudogene), putative	-3,372	1,686E-58
TcCLB.510025.30	mucin-associated surface protein (MASP, pseudogene), pu	-3,372	2,863E-53
TcCLB.509075.70	retrotransposon hot spot protein (RHS, pseudogene), puta	-3,372	2,522E-11
TcCLB.506289.130	hypothetical protein	-3,375	8,503E-30
TcCLB.511399.24	trans-sialidase, putative	-3,376	1,413E-31
TcCLB.511077.100	mucin TcMUCII, putative	-3,378	4,309E-28
TcCLB.509973.70	mucin-associated surface protein (MASP), putative	-3,379	1,163E-134
TcCLB.506899.40	mucin TcMUCII, putative	-3,379	1,432E-53
TcCLB.511603.90	trans-sialidase, Group V, putative	-3,381	2,736E-91
TcCLB.509657.50	mucin-associated surface protein (MASP), putative	-3,381	2,874E-33
TcCLB.507959.280	mucin-associated surface protein (MASP), putative	-3,389	1,353E-85
TcCLB.510377.100	mucin-associated surface protein (MASP), putative	-3,39	7,122E-25
TcCLB.506501.220	mucin-associated surface protein (MASP), putative	-3,393	1,517E-40
TcCLB.506067.290	mucin-associated surface protein (MASP), putative	-3,395	4,698E-131
TcCLB.506767.324	mucin TcMUCII, putative	-3,396	1,963E-31
TcCLB.503587.10	mucin-associated surface protein (MASP), putative	-3,396	3,318E-25
TcCLB.510377.330	trans-sialidase, Group V, putative	-3,4	6,196E-133
TcCLB.506801.20	mucin-like glycoprotein, putative	-3,401	6,554E-93
TcCLB.507953.40	mucin-associated surface protein (MASP), putative	-3,403	4,494E-51
TcCLB.509419.40	trans-sialidase, Group V, putative	-3,406	2,277E-07

TcCLB.507699.200	mucin TcMUCII, putative	-3,407	2,469E-59
TcCLB.412393.10	trans-sialidase, putative (pseudogene)	-3,407	2,035E-18
TcCLB.511089.130	mucin-associated surface protein (MASP), putative	-3,412	7,054E-41
TcCLB.511221.60	trans-sialidase, Group V, putative	-3,415	8,399E-113
TcCLB.507237.100	mucin-associated surface protein (MASP), putative	-3,417	1,326E-24
TcCLB.506021.20	trans-sialidase, Group II, putative	-3,422	1,983E-82
TcCLB.508149.70	mucin TcMUCII, putative	-3,422	6,285E-38
TcCLB.421173.14	trans-sialidase, putative	-3,422	7,687E-30
TcCLB.506909.60	mucin TcMUCI, putative	-3,423	3,111E-25
TcCLB.503977.30	mucin-associated surface protein (MASP), putative	-3,425	3,339E-75
TcCLB.508789.160	mucin TcMUCII, putative	-3,425	1,056E-27
TcCLB.448661.20	mucin TcMUCII, putative	-3,427	2,226E-46
TcCLB.506767.50	mucin TcMUCII, putative	-3,431	4,689E-48
TcCLB.423707.10	trans-sialidase, putative (fragment)	-3,434	2,465E-47
TcCLB.508247.50	mucin-associated surface protein (MASP, pseudogene), pu	-3,435	1,261E-49
TcCLB.503717.10	trans-sialidase, Group V, putative	-3,437	5,286E-62
TcCLB.507237.170	mucin-associated surface protein (MASP), putative	-3,437	5,477E-09
TcCLB.511197.60	mucin-associated surface protein (MASP), putative	-3,439	5,942E-93
TcCLB.509077.20	trans-sialidase (pseudogene), putative	-3,441	3,952E-44
TcCLB.506755.50	hypothetical protein, conserved	-3,443	1,815E-228
TcCLB.507995.20	trans-sialidase, putative	-3,443	2,048E-51
TcCLB.511233.140	trans-sialidase, Group V, putative	-3,443	1,417E-20
TcCLB.510373.119	mucin-associated surface protein (MASP), putative	-3,445	3,555E-56
TcCLB.504155.10	mucin-associated surface protein (MASP), putative	-3,452	1,169E-28
TcCLB.505297.60	mucin-associated surface protein (MASP), putative	-3,454	3,142E-78
TcCLB.511077.60	mucin-associated surface protein (MASP), putative	-3,454	7,763E-37
TcCLB.508999.60	mucin TcMUCII, putative	-3,457	1,36E-69
TcCLB.504081.530	mucin-associated surface protein (MASP), putative	-3,457	7,57E-33
TcCLB.511603.260	mucin TcMUCII, putative	-3,461	1,809E-29
TcCLB.509763.10	trans-sialidase, putative	-3,465	1,082E-56
TcCLB.508165.200	trans-sialidase (pseudogene), putative	-3,465	2,333E-41
TcCLB.511089.90	mucin-associated surface protein (MASP), putative	-3,466	4,774E-24
TcCLB.504127.30	trans-sialidase (pseudogene), putative	-3,467	1,172E-234
TcCLB.508493.40	mucin TcMUCII, putative	-3,469	1,711E-146
TcCLB.503447.20	trans-sialidase, Group II, putative	-3,469	5,529E-115
TcCLB.510279.230	trans-sialidase, Group VI, putative	-3,469	6,293E-41
TcCLB.507639.10	poly-zinc finger protein 2, putative	-3,471	5,024E-86
TcCLB.503417.50	hypothetical protein	-3,473	2,988E-98
TcCLB.508071.20	trans-sialidase (pseudogene), putative	-3,473	2,069E-44
TcCLB.508165.110	mucin-associated surface protein (MASP), putative	-3,473	4,496E-35
TcCLB.511173.80	trans-sialidase, Group V, putative	-3,474	6,518E-56
TcCLB.505949.160	mucin TcMUCII, putative	-3,475	6,372E-43
TcCLB.509979.350	mucin-associated surface protein (MASP), putative	-3,479	1,907E-171
TcCLB.510093.20	trans-sialidase, Group VIII, putative	-3,484	5,948E-78
TcCLB.511061.51	mucin-associated surface protein (MASP), putative	-3,485	1,493E-90

TcCLB.507953.200	90 kDa surface protein, putative	-3,49	1,964E-74
TcCLB.504733.10	beta galactofuranosyl glycosyltransferase (pseudogene), $\beta$	-3,49	1,987E-29
TcCLB.508005.10	hypothetical protein	-3,491	1,414E-37
TcCLB.509527.50	mucin TcMUCII (pseudogene), putative	-3,494	5,946E-34
TcCLB.506067.169	mucin-associated surface protein (MASP), putative	-3,497	3,321E-73
TcCLB.510015.30	mucin-associated surface protein (MASP), putative	-3,501	7,041E-183
TcCLB.508541.90	mucin-associated surface protein (MASP), putative	-3,502	2,343E-89
TcCLB.424889.10	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, $\beta$	-3,503	8,008E-31
TcCLB.510889.280	metacyclin II, putative	-3,503	1,232E-29
TcCLB.508853.20	trans-sialidase, Group V, putative	-3,507	3,042E-109
TcCLB.507699.230	trans-sialidase, putative	-3,507	2,582E-88
TcCLB.506309.30	mucin-associated surface protein (MASP), putative	-3,51	2,852E-37
TcCLB.510375.10	mucin-associated surface protein (MASP), putative	-3,515	3,255E-57
TcCLB.508375.20	trans-sialidase, Group V, putative	-3,516	2,858E-128
TcCLB.510807.10	mucin TcMUCII, putative	-3,517	2,361E-40
TcCLB.506173.310	mucin TcMUCII, putative	-3,519	1,231E-101
TcCLB.506321.210	mucin TcMUCII, putative	-3,519	6,054E-43
TcCLB.506289.210	surface protease GP63, putative	-3,521	4,321E-94
TcCLB.508761.80	mucin TcMUCII, putative	-3,521	4,582E-63
TcCLB.506613.24	mucin TcMUCII, putative	-3,521	1,559E-48
TcCLB.402255.10	retrotransposon hot spot protein (RHS, pseudogene), puta	-3,527	7,652E-56
TcCLB.510477.30	mucin TcMUCI, putative	-3,528	6,144E-46
TcCLB.509081.20	mucin-associated surface protein (MASP), putative	-3,529	5,046E-136
TcCLB.507069.50	mucin-associated surface protein (MASP, pseudogene), $\mu$	-3,532	4,747E-63
TcCLB.510019.30	mucin-associated surface protein (MASP), putative	-3,533	8,61E-60
TcCLB.507305.40	zinc finger CCCH domain containing protein 11 (ZC3H11)	-3,534	6,436E-10
TcCLB.510921.30	mucin-associated surface protein (MASP), putative	-3,535	9,125E-91
TcCLB.506321.120	mucin-associated surface protein (MASP), putative	-3,537	1,385E-208
TcCLB.508273.120	mucin TcMUCI, putative	-3,537	2,143E-36
TcCLB.510475.70	mucin TcMUCII, putative	-3,541	3,143E-45
TcCLB.508427.20	mucin-associated surface protein (MASP), putative	-3,545	1,002E-93
TcCLB.408445.10	trans-sialidase, putative (fragment)	-3,546	2,821E-61
TcCLB.443899.10	trans-sialidase, putative (fragment)	-3,546	1,477E-12
TcCLB.511553.30	mucin-associated surface protein (MASP), putative	-3,548	5,802E-151
TcCLB.508977.10	trans-sialidase, Group V, putative	-3,549	1,22E-102
TcCLB.508219.10	mucin-associated surface protein (MASP, pseudogene), $\mu$	-3,549	8,972E-48
TcCLB.504031.11	hypothetical protein	-3,552	1,952E-80
TcCLB.508273.100	mucin TcMUCI, putative	-3,553	1,76E-62
TcCLB.506799.110	hypothetical protein	-3,554	1,233E-47
TcCLB.511785.10	mucin-associated surface protein (MASP), putative	-3,557	1,647E-37
TcCLB.508247.40	mucin TcMUCII, putative	-3,559	6,521E-36
TcCLB.507071.349	mucin-associated surface protein (MASP), putative	-3,559	4,982E-22
TcCLB.508613.74	mucin-associated surface protein (MASP), putative	-3,562	1,872E-102
TcCLB.508979.50	trans-sialidase, Group VI, putative	-3,562	2,406E-63
TcCLB.506759.80	mucin-associated surface protein (MASP), putative	-3,562	1,324E-55

TcCLB.506501.350	mucin-associated surface protein (MASP), putative	-3,575	1,569E-37
TcCLB.507953.10	trans-sialidase, Group V, putative	-3,575	3,277E-29
TcCLB.508541.110	mucin-associated surface protein (MASP), putative	-3,576	1,228E-77
TcCLB.508627.40	trans-sialidase, Group VIII, putative	-3,578	3,518E-175
TcCLB.511255.30	mucin-associated surface protein (MASP), putative	-3,578	4,724E-60
TcCLB.511605.30	mucin TcMUCII, putative	-3,581	1,591E-21
TcCLB.506289.120	mucin-associated surface protein (MASP), putative	-3,582	3,052E-122
TcCLB.508777.210	hypothetical protein	-3,585	1,374E-33
TcCLB.510699.40	mucin TcMUCII, putative	-3,59	2,562E-46
TcCLB.421173.4	trans-sialidase, putative (fragment)	-3,592	2,643E-117
TcCLB.510713.170	mucin-associated surface protein (MASP), putative	-3,592	8,227E-49
TcCLB.508165.410	mucin-associated surface protein (MASP), putative	-3,595	4,32E-76
TcCLB.511791.10	mucin-associated surface protein (MASP), putative	-3,596	1,016E-21
TcCLB.510465.100	trans-sialidase, Group V, putative	-3,605	5,011E-48
TcCLB.457977.10	trans-sialidase, putative (fragment)	-3,611	4,049E-46
TcCLB.508977.40	trans-sialidase, Group V, putative	-3,613	7,014E-140
TcCLB.506345.90	trans-sialidase, Group II, putative	-3,614	3,726E-105
TcCLB.508485.30	retrotransposon hot spot protein (RHS, pseudogene), puta	-3,614	5,269E-39
TcCLB.509081.140	mucin TcMUCII, putative	-3,617	4,792E-74
TcCLB.506159.5	trans-sialidase, putative (fragment)	-3,62	1,015E-33
TcCLB.506737.161	mucin TcMUCI, putative	-3,621	3,101E-87
TcCLB.506763.150	mucin-associated surface protein (MASP), putative	-3,621	2,442E-30
TcCLB.511875.80	mucin-associated surface protein (MASP), putative	-3,622	1,048E-144
TcCLB.506767.340	mucin-associated surface protein (MASP), putative	-3,627	1,936E-147
TcCLB.508977.120	trans-sialidase, Group V, putative	-3,628	5,528E-158
TcCLB.510363.270	mucin TcMUCII, putative	-3,629	4,689E-09
TcCLB.506759.90	trans-sialidase (pseudogene), putative	-3,63	3,207E-70
TcCLB.506917.60	mucin TcMUCII, putative	-3,63	6,23E-28
TcCLB.506057.101	surface protease GP63, putative (fragment)	-3,631	5,401E-12
TcCLB.508761.30	mucin-associated surface protein (MASP), putative	-3,639	5,615E-164
TcCLB.511861.50	trans-sialidase, Group VIII, putative	-3,639	1,237E-70
TcCLB.508305.50	mucin-associated surface protein (MASP), putative	-3,64	2,023E-86
TcCLB.510477.70	mucin TcMUCII, putative	-3,644	6,068E-47
TcCLB.508359.80	mucin-associated surface protein (MASP), putative	-3,645	9,067E-35
TcCLB.510567.10	trans-sialidase, putative (fragment)	-3,645	1,909E-22
TcCLB.506267.70	mucin-associated surface protein (MASP), putative	-3,648	1,095E-59
TcCLB.507275.61	surface antigen TASV-A1 (TASV-A1)	-3,658	6,472E-131
TcCLB.432997.10	trans-sialidase, putative	-3,658	3,056E-58
TcCLB.507949.210	trans-sialidase, Group II, putative	-3,659	3,759E-178
TcCLB.509527.70	mucin TcMUCII, putative	-3,66	2,447E-52
TcCLB.511605.80	mucin-associated surface protein (MASP), putative	-3,662	1,865E-46
TcCLB.509525.120	mucin TcMUCII, putative	-3,663	5,915E-41
TcCLB.510013.230	mucin-associated surface protein (MASP), putative	-3,665	4,396E-67
TcCLB.509527.130	hypothetical protein	-3,666	2,628E-72
TcCLB.511091.9	mucin-associated surface protein (MASP), putative	-3,666	1,458E-28

TcCLB.507997.30	trans-sialidase, Group V, putative	-3,668	4,828E-133
TcCLB.507065.29	mucin-associated surface protein (MASP), pseudogene), pi	-3,677	2,368E-74
TcCLB.507041.71	mucin TcMUCI, putative	-3,68	4,25E-62
TcCLB.506285.50	mucin TcMUCII, putative	-3,683	5,505E-116
TcCLB.510275.260	trans-sialidase (pseudogene), putative	-3,686	8E-71
TcCLB.507071.310	mucin-associated surface protein (MASP), putative	-3,69	1,314E-52
TcCLB.511757.70	trans-sialidase, Group II, putative	-3,691	1,911E-142
TcCLB.504081.170	mucin-associated surface protein (MASP), putative	-3,693	1,072E-69
TcCLB.510279.110	trans-sialidase, Group VI, putative	-3,693	1,54E-52
TcCLB.413489.10	retrotransposon hot spot protein (RHS, pseudogene), puta	-3,695	1,017E-23
TcCLB.510081.40	trans-sialidase (pseudogene), putative	-3,702	4,622E-11
TcCLB.509699.40	trans-sialidase, Group V, putative	-3,707	2,757E-111
TcCLB.506767.130	mucin TcMUCII, putative	-3,707	7,121E-24
TcCLB.508295.80	mucin TcMUCII, putative	-3,71	2,402E-55
TcCLB.511603.170	mucin TcMUCII, putative	-3,713	5,478E-38
TcCLB.510583.100	mucin TcMUCII, putative	-3,713	2,211E-31
TcCLB.510371.90	trans-sialidase, Group V, putative	-3,714	1,516E-232
TcCLB.510927.20	trans-sialidase (pseudogene), putative	-3,714	1,342E-222
TcCLB.506321.50	mucin-associated surface protein (MASP), putative	-3,716	0
TcCLB.510377.200	mucin-associated surface protein (MASP), putative	-3,718	1,361E-98
TcCLB.508871.40	mucin-associated surface protein (MASP), putative	-3,718	4,931E-64
TcCLB.511785.5	hypothetical protein	-3,72	3,369E-19
TcCLB.511127.10	RNA-binding protein 5, putative	-3,721	6,917E-16
TcCLB.510881.9	trans-sialidase, putative	-3,723	5,333E-53
TcCLB.506331.90	trans-sialidase, Group II, putative	-3,729	5,506E-95
TcCLB.511551.10	trans-sialidase, Group II, putative	-3,729	1,699E-43
TcCLB.511173.470	trans-sialidase, Group V, putative	-3,73	2,086E-114
TcCLB.511401.30	trans-sialidase, Group V, putative	-3,736	1,791E-118
TcCLB.507085.170	mucin TcMUCII, putative	-3,738	2,198E-109
TcCLB.510233.39	trans-sialidase, putative (fragment)	-3,738	1,567E-35
TcCLB.509259.40	surface protease GP63, putative	-3,74	2,256E-49
TcCLB.504239.100	mucin TcMUCII, putative	-3,741	4,694E-65
TcCLB.511549.10	retrotransposon hot spot protein (RHS, pseudogene), puta	-3,745	1,14E-34
TcCLB.510013.260	mucin-associated surface protein (MASP), putative	-3,748	1,644E-78
TcCLB.507957.280	mucin-associated surface protein (MASP), putative	-3,752	6,938E-119
TcCLB.508099.50	trans-sialidase, putative	-3,752	1,656E-14
TcCLB.510715.30	mucin-associated surface protein (MASP), putative	-3,759	7,223E-117
TcCLB.510281.10	hypothetical protein	-3,76	3,534E-40
TcCLB.506615.50	mucin TcMUCII, putative	-3,762	2,796E-295
TcCLB.508615.10	mucin-associated surface protein (MASP), putative	-3,762	1,998E-55
TcCLB.510495.20	mucin-associated surface protein (MASP), putative	-3,762	5,26E-28
TcCLB.509011.80	surface protease GP63, putative	-3,764	2,977E-173
TcCLB.433559.10	trans-sialidase, putative (fragment)	-3,766	3,376E-38
TcCLB.508493.10	mucin TcMUCII, putative	-3,769	3,347E-168
TcCLB.506767.140	mucin-associated surface protein (MASP), putative	-3,769	3,535E-65



TcCLB.510463.90	mucin-associated surface protein (MASP), putative	-3,772	6,042E-09
TcCLB.507959.110	mucin-associated surface protein (MASP), putative	-3,774	4,885E-57
TcCLB.511173.280	trans-sialidase, Group V, putative	-3,777	5,356E-95
TcCLB.504239.30	mucin-associated surface protein (MASP), putative	-3,779	2,097E-69
TcCLB.509419.70	trans-sialidase, Group V, putative	-3,782	2,09E-80
TcCLB.511083.30	mucin-associated surface protein (MASP), putative	-3,782	3,621E-35
TcCLB.504239.260	trans-sialidase, Group V, putative	-3,788	2,378E-66
TcCLB.510465.74	mucin-associated surface protein (MASP), putative	-3,791	3,932E-39
TcCLB.508007.10	trans-sialidase, putative	-3,797	3,139E-10
TcCLB.509771.10	trans-sialidase, Group II, putative	-3,803	1,483E-45
TcCLB.508903.100	ATPase, putative	-3,804	1,656E-53
TcCLB.510539.10	mucin-associated surface protein (MASP), putative	-3,805	2,881E-18
TcCLB.507687.10	trans-sialidase, putative	-3,806	7,781E-153
TcCLB.511129.40	trans-sialidase, Group III, putative	-3,81	1,995E-12
TcCLB.508305.20	mucin-associated surface protein (MASP), putative	-3,812	1,08E-75
TcCLB.506133.54	mucin-associated surface protein (MASP), putative	-3,813	1,131E-87
TcCLB.510279.250	mucin-associated surface protein (MASP), putative	-3,814	2,341E-35
TcCLB.510373.10	mucin-associated surface protein (MASP), putative	-3,821	1,683E-127
TcCLB.510483.70	mucin-associated surface protein (MASP), putative	-3,822	4,328E-100
TcCLB.510625.54	mucin-associated surface protein (MASP), putative	-3,823	1,123E-62
TcCLB.509525.90	mucin TcMUCII, putative	-3,823	1,118E-44
TcCLB.507957.179	mucin-associated surface protein (MASP), putative	-3,829	9,111E-65
TcCLB.510475.90	mucin TcMUCII, putative	-3,835	2,841E-63
TcCLB.505997.70	ATPase, putative	-3,837	4,76E-39
TcCLB.463955.20	mucin-associated surface protein (MASP), putative (fragn	-3,837	1,284E-25
TcCLB.511183.210	mucin TcMUCII, putative	-3,839	4,677E-99
TcCLB.511057.30	mucin-associated surface protein (MASP), putative	-3,844	8,427E-59
TcCLB.510361.130	serine-alanine-and proline-rich protein, putative	-3,845	4,794E-27
TcCLB.509699.140	mucin-associated surface protein (MASP, pseudogene), pi	-3,846	4,227E-88
TcCLB.506765.50	mucin-associated surface protein (MASP), putative	-3,856	2,137E-70
TcCLB.510013.40	mucin-associated surface protein (MASP), putative	-3,858	1,769E-70
TcCLB.508103.30	trans-sialidase, Group V, putative	-3,858	3,794E-36
TcCLB.506131.110	mucin-associated surface protein (MASP), putative	-3,864	1,18E-54
TcCLB.510021.160	90 kDa surface protein, putative	-3,87	6,447E-81
TcCLB.508161.20	trans-sialidase, Group V, putative	-3,87	1,69E-76
TcCLB.510371.70	mucin-associated surface protein (MASP), putative	-3,871	1,666E-73
TcCLB.510157.10	mucin-associated surface protein (MASP), putative	-3,875	6,36E-125
TcCLB.508165.130	surface protease GP63, putative	-3,875	1,073E-86
TcCLB.503907.10	trans-sialidase, Group VIII, putative	-3,88	5,095E-36
TcCLB.508289.9	mucin-associated surface protein (MASP), putative	-3,882	2,056E-31
TcCLB.507043.10	mucin TcMUCI, putative	-3,883	3,904E-73
TcCLB.504039.230	mucin-associated surface protein (MASP), putative	-3,884	1,451E-78
TcCLB.511449.10	mucin-associated surface protein (MASP), putative	-3,886	2,687E-57
TcCLB.503859.40	mucin-associated surface protein (MASP), putative	-3,888	3,055E-115
TcCLB.506763.130	mucin-associated surface protein (MASP), putative	-3,891	2,159E-97

TcCLB.506599.100	mucin-associated surface protein (MASP), putative	-3,893	1,442E-63
TcCLB.508165.270	mucin TcMUCII, putative	-3,893	2,188E-32
TcCLB.510047.60	mucin-associated surface protein (MASP, pseudogene), pu	-3,9	2,56E-134
TcCLB.503501.50	trans-sialidase (pseudogene), putative	-3,903	1,949E-95
TcCLB.503957.10	trans-sialidase, putative	-3,907	3,383E-188
TcCLB.506767.240	mucin-associated surface protein (MASP), putative	-3,91	1,582E-89
TcCLB.506471.30	trans-sialidase, Group II, putative	-3,916	3,826E-163
TcCLB.507953.180	mucin TcMUCII, putative	-3,921	6,261E-101
TcCLB.504081.330	mucin TcMUCII, putative	-3,922	7,634E-45
TcCLB.506967.10	trans-sialidase, Group V, putative	-3,925	4,111E-102
TcCLB.507523.60	mucin-associated surface protein (MASP), putative	-3,936	7,097E-61
TcCLB.508163.20	mucin TcMUCII, putative	-3,936	4,374E-49
TcCLB.510275.60	mucin-associated surface protein (MASP), putative	-3,944	3,194E-70
TcCLB.509525.220	mucin TcMUCII, putative	-3,947	7,792E-33
TcCLB.509525.350	mucin TcMUCII, putative	-3,951	1,67E-46
TcCLB.506087.10	retrotransposon hot spot protein (RHS, pseudogene), puta	-3,951	1,065E-22
TcCLB.508595.20	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase, Ꞥ	-3,953	1,754E-130
TcCLB.511089.30	mucin-associated surface protein (MASP), putative	-3,953	8,939E-65
TcCLB.510489.20	mucin-associated surface protein (MASP), putative	-3,955	8,979E-104
TcCLB.506955.99	mucin-associated surface protein (MASP), putative	-3,956	4,485E-105
TcCLB.508985.21	mucin TcMUCII, putative (fragment)	-3,957	1,493E-12
TcCLB.510487.50	mucin-associated surface protein (MASP), putative	-3,961	1,663E-100
TcCLB.507953.70	90 kDa surface protein, putative	-3,963	2,732E-68
TcCLB.504239.220	mucin-associated surface protein (MASP52)	-3,963	6,491E-64
TcCLB.510769.170	trans-sialidase (pseudogene), putative	-3,966	1,762E-290
TcCLB.510583.40	mucin TcMUCII, putative	-3,979	1,489E-53
TcCLB.506671.90	mucin-associated surface protein (MASP), putative	-3,98	9,623E-46
TcCLB.507957.300	mucin-associated surface protein (MASP), putative	-3,98	3,777E-35
TcCLB.508637.10	trans-sialidase, Group III, putative	-3,985	2,242E-65
TcCLB.509185.30	trans-sialidase, Group II, putative	-3,987	2,04E-12
TcCLB.508165.40	trans-sialidase (pseudogene), putative	-3,989	3,743E-114
TcCLB.506067.140	mucin-associated surface protein (MASP), putative	-3,99	1,135E-69
TcCLB.505363.19	trans-sialidase, putative	-3,991	9,916E-219
TcCLB.506133.61	mucin-associated surface protein (MASP), putative	-3,996	8,553E-42
TcCLB.508365.10	mucin TcMUCII, putative	-4,001	4,261E-55
TcCLB.511173.496	mucin-associated surface protein (MASP), putative (fragn	-4,001	6,824E-16
TcCLB.506501.80	mucin-associated surface protein (MASP, pseudogene), pu	-4,003	3,439E-189
TcCLB.506187.50	mucin-associated surface protein (MASP), putative	-4,007	5,457E-84
TcCLB.505025.40	mucin-associated surface protein (MASP), putative	-4,008	5,898E-84
TcCLB.503771.90	mucin-associated surface protein (MASP), putative	-4,01	1,166E-54
TcCLB.508071.50	surface protease GP63, putative	-4,012	1,117E-44
TcCLB.507357.90	mucin-associated surface protein (MASP), putative	-4,013	5,574E-20
TcCLB.506761.19	mucin TcMUCII, putative	-4,016	6,011E-64
TcCLB.503705.11	UDP-Gal or UDP-GlcNAc-dependent glycosyltransferase (Ꞥ	-4,016	6,374E-24
TcCLB.510275.350	trans-sialidase, Group V, putative	-4,018	2,453E-83

TcCLB.508433.10	mucin-associated surface protein (MASP), putative	-4,024	1,563E-15
TcCLB.510583.70	mucin TcMUCII, putative	-4,027	9,866E-82
TcCLB.506975.90	trans-sialidase, Group VIII, putative	-4,029	1,381E-99
TcCLB.506139.40	mucin-associated surface protein (MASP), putative	-4,029	7,159E-98
TcCLB.507145.79	mucin TcMUCII, putative	-4,031	1,078E-06
TcCLB.508977.80	trans-sialidase, Group V, putative	-4,032	7,715E-116
TcCLB.506131.190	mucin-associated surface protein (MASP), putative	-4,046	1,126E-80
TcCLB.510693.163	mucin-associated surface protein (MASP), putative	-4,048	8,206E-300
TcCLB.508435.70	mucin-associated surface protein (MASP), putative	-4,055	1,425E-87
TcCLB.510377.350	mucin-associated surface protein (MASP), putative	-4,059	1,334E-112
TcCLB.507163.70	trans-sialidase, Group V, putative	-4,063	5,661E-229
TcCLB.398477.10	trans-sialidase, Group II, putative	-4,067	8,06E-146
TcCLB.507059.10	mucin-like glycoprotein, putative	-4,068	1,058E-88
TcCLB.507957.220	mucin-associated surface protein (MASP), putative	-4,074	7,441E-128
TcCLB.506137.40	mucin TcMUCII, putative	-4,074	3,166E-24
TcCLB.507233.10	trans-sialidase, Group III, putative	-4,08	1,588E-67
TcCLB.506759.40	mucin-associated surface protein (MASP), putative	-4,081	1,066E-176
TcCLB.463955.10	mucin TcMUCII, putative	-4,082	3,714E-69
TcCLB.508853.10	mucin-associated surface protein (MASP), putative	-4,086	1,151E-106
TcCLB.509525.250	mucin TcMUCII, putative	-4,086	6,344E-46
TcCLB.506597.30	mucin TcMUCII, putative	-4,091	2,838E-63
TcCLB.506993.160	trans-sialidase (pseudogene), putative	-4,093	7,083E-120
TcCLB.511401.90	trans-sialidase, Group V, putative	-4,095	4,619E-140
TcCLB.454787.10	mucin TcMUC, putative	-4,108	1,578E-08
TcCLB.511173.130	trans-sialidase, Group V, putative	-4,109	8,411E-178
TcCLB.506843.5	trans-sialidase, putative (fragment)	-4,124	1,841E-28
TcCLB.506245.140	trans-sialidase (pseudogene), putative	-4,126	1,379E-30
TcCLB.506599.350	mucin TcMUCII, putative	-4,137	2,658E-21
TcCLB.504239.410	mucin TcMUCII, putative	-4,138	5,71E-72
TcCLB.506799.100	mucin-like glycoprotein, putative	-4,147	2,464E-131
TcCLB.506501.280	mucin TcMUCII, putative	-4,151	3,737E-36
TcCLB.509973.10	mucin-associated surface protein (MASP), putative	-4,155	1,183E-263
TcCLB.506955.212	mucin-associated surface protein (MASP), putative	-4,161	1,224E-121
TcCLB.507849.10	trans-sialidase (pseudogene), putative	-4,161	3,268E-44
TcCLB.510021.200	mucin TcMUCII, putative	-4,162	5,806E-55
TcCLB.403031.10	trans-sialidase, putative (fragment)	-4,165	2,137E-14
TcCLB.509529.40	trans-sialidase, Group VII, putative	-4,174	4,466E-218
TcCLB.510037.10	mucin-associated surface protein (MASP), putative	-4,175	6,759E-168
TcCLB.506887.10	trans-sialidase, putative	-4,182	5,416E-61
TcCLB.510025.210	mucin TcMUCII, putative	-4,183	3,236E-56
TcCLB.510693.320	mucin-associated surface protein (MASP), putative	-4,197	7,5E-143
TcCLB.477471.10	trans-sialidase (pseudogene), putative	-4,198	1,648E-178
TcCLB.510713.130	mucin-associated surface protein (MASP), putative	-4,2	3,141E-84
TcCLB.510275.355	hypothetical protein	-4,2	1,127E-56
TcCLB.510049.10	trans-sialidase, putative	-4,201	7,756E-163

TcCLB.504081.420	mucin-associated surface protein (MASP), putative	-4,202	9,257E-42
TcCLB.504929.5	zinc finger CCCH domain containing protein 11 (ZC3H11)	-4,206	5,642E-16
TcCLB.508493.100	mucin TcMUCII, putative	-4,209	4,014E-247
TcCLB.506769.50	mucin TcMUCII, putative	-4,21	9,374E-57
TcCLB.510025.70	90 kDa surface protein, putative	-4,217	1,433E-98
TcCLB.510359.520	mucin-associated surface protein (MASP), putative	-4,217	1,505E-10
TcCLB.507653.20	trans-sialidase, Group II, putative	-4,228	6,095E-127
TcCLB.510807.40	mucin TcMUCII, putative	-4,228	3,312E-51
TcCLB.508481.20	mucin-associated surface protein (MASP), putative	-4,245	4,969E-11
TcCLB.510465.140	mucin-associated surface protein (MASP), putative	-4,246	1,881E-90
TcCLB.509527.10	mucin TcMUCII, putative	-4,248	9,991E-67
TcCLB.506759.140	90 kDa surface protein, putative	-4,252	1,033E-47
TcCLB.511061.40	trans-sialidase, Group V, putative	-4,253	7,575E-107
TcCLB.507957.150	mucin-associated surface protein (MASP), putative	-4,253	6,517E-104
TcCLB.509525.320	mucin TcMUCII, putative	-4,255	7,809E-59
TcCLB.507953.60	hypothetical protein	-4,257	6,733E-63
TcCLB.504035.41	mucin-associated surface protein (MASP, pseudogene), p	-4,268	1,376E-07
TcCLB.508225.4	trans-sialidase, putative	-4,271	5,364E-130
TcCLB.507875.70	trans-sialidase, Group VII, putative	-4,274	5,002E-48
TcCLB.511603.110	mucin TcMUCII, putative	-4,275	3,571E-63
TcCLB.430603.20	mucin TcMUCII, putative	-4,286	1,811E-79
TcCLB.510853.40	trans-sialidase, Group IV, putative	-4,292	0
TcCLB.511401.120	trans-sialidase, Group V, putative	-4,295	7,64E-130
TcCLB.506737.114	mucin TcMUCI, putative	-4,296	1,248E-158
TcCLB.509115.60	mucin-like glycoprotein, putative	-4,303	7,771E-176
TcCLB.503827.30	mucin TcMUCII, putative	-4,304	3,031E-34
TcCLB.506599.420	mucin-associated surface protein (MASP), putative	-4,313	5,884E-79
TcCLB.472357.10	trans-sialidase, Group V, putative	-4,331	2,101E-74
TcCLB.506597.40	trans-sialidase, Group V, putative	-4,334	1,441E-17
TcCLB.509281.10	hypothetical protein	-4,335	3,128E-65
TcCLB.508581.30	beta galactofuranosyl glycosyltransferase (pseudogene), f	-4,335	3,266E-16
TcCLB.506757.150	mucin-associated surface protein (MASP), putative	-4,34	5,208E-230
TcCLB.507121.11	trans-sialidase, putative (fragment)	-4,343	3,389E-60
TcCLB.510985.10	trans-sialidase, putative (fragment)	-4,351	2,746E-30
TcCLB.506331.130	trans-sialidase, Group II, putative	-4,353	1,856E-184
TcCLB.508295.30	mucin TcMUCII, putative	-4,358	1,362E-64
TcCLB.509753.194	mucin-associated surface protein (MASP), putative	-4,367	8,032E-48
TcCLB.508759.60	mucin-associated surface protein (MASP), putative	-4,385	7,994E-37
TcCLB.506361.50	mucin-associated surface protein (MASP), putative	-4,386	4,968E-129
TcCLB.509329.31	trans-sialidase, putative	-4,388	3,444E-70
TcCLB.506839.10	serine/threonine kinase, putative	-4,398	7,29E-12
TcCLB.508753.20	trans-sialidase, Group V, putative	-4,405	2,376E-159
TcCLB.511563.20	trans-sialidase (pseudogene), putative	-4,406	3,149E-40
TcCLB.508109.60	trans-sialidase, Group V, putative	-4,407	2,917E-91
TcCLB.506603.40	trans-sialidase, Group V, putative	-4,41	4,598E-202

TcCLB.504031.50	trans-sialidase, Group V, putative	-4,418	6,185E-105
TcCLB.506759.70	mucin TcMUCII, putative	-4,42	9,223E-35
TcCLB.510701.10	mucin-associated surface protein (MASP), putative	-4,428	1,093E-130
TcCLB.508121.150	trans-sialidase, Group V, putative	-4,443	2,095E-91
TcCLB.507219.9	trans-sialidase, putative	-4,446	9,592E-58
TcCLB.509313.9	trans-sialidase (pseudogene), putative	-4,448	3,27E-23
TcCLB.509601.10	neutral sphingomyelinase activation associated factor-like	-4,455	0
TcCLB.507479.70	trans-sialidase, Group IV, putative	-4,466	1,396E-298
TcCLB.508147.150	mucin-associated surface protein (MASP), putative	-4,466	5,694E-84
TcCLB.507125.10	trans-sialidase, Group II, putative	-4,47	0
TcCLB.506501.290	mucin-associated surface protein (MASP), putative	-4,485	4,716E-114
TcCLB.506799.20	mucin-like glycoprotein, putative	-4,495	2,345E-174
TcCLB.435601.10	trans-sialidase, putative (fragment)	-4,496	3,039E-137
TcCLB.506973.120	trans-sialidase, Group V, putative	-4,5	4,124E-155
TcCLB.510477.10	surface protease GP63, putative	-4,501	5,669E-274
TcCLB.509325.10	mucin-associated surface protein (MASP), putative	-4,507	8,535E-21
TcCLB.507953.100	trans-sialidase, Group V, putative	-4,514	2,329E-182
TcCLB.510497.170	trans-sialidase (pseudogene), putative	-4,518	1,356E-49
TcCLB.511907.120	mucin-like glycoprotein, putative	-4,524	9,782E-163
TcCLB.510935.20	surface protease GP63, putative	-4,53	1,172E-253
TcCLB.509115.50	mucin-like glycoprotein, putative	-4,536	7,863E-221
TcCLB.511081.10	mucin-associated surface protein (MASP), putative	-4,548	1,394E-195
TcCLB.506269.40	mucin-associated surface protein (MASP), putative	-4,553	1,563E-139
TcCLB.508125.30	mucin TcMUCII, putative	-4,556	4,426E-71
TcCLB.511553.200	mucin-associated surface protein (MASP), putative	-4,558	6,976E-105
TcCLB.511173.10	trans-sialidase, putative	-4,569	1,069E-53
TcCLB.510039.30	mucin-associated surface protein (MASP), putative	-4,57	1,219E-266
TcCLB.447899.10	trans-sialidase, putative	-4,57	6,19E-66
TcCLB.504755.10	surface protease GP63, putative	-4,571	3,441E-33
TcCLB.510205.40	trans-sialidase, Group V, putative	-4,583	1,612E-211
TcCLB.509325.16	elongation factor 1-gamma (EF-1-gamma, pseudogene),	-4,585	6,671E-32
TcCLB.511057.40	trans-sialidase, Group V, putative	-4,588	0
TcCLB.503861.40	trans-sialidase, Group VIII, putative	-4,591	6,461E-234
TcCLB.506251.70	trans-sialidase (pseudogene), putative	-4,598	5,701E-26
TcCLB.509525.380	mucin TcMUCII, putative	-4,613	1,441E-57
TcCLB.511831.10	trans-sialidase, putative (fragment)	-4,618	4,699E-168
TcCLB.509527.120	trans-sialidase, Group V, putative	-4,621	4,282E-166
TcCLB.506885.210	trans-sialidase, Group III, putative	-4,625	5,111E-188
TcCLB.509931.20	trans-sialidase, Group VIII, putative	-4,631	9,672E-157
TcCLB.506285.120	mucin TcMUCII, putative	-4,633	5,056E-135
TcCLB.403481.10	trans-sialidase, putative (fragment)	-4,634	1,403E-47
TcCLB.507067.60	mucin-associated surface protein (MASP), putative	-4,635	4,107E-129
TcCLB.510377.370	mucin TcMUCII, putative	-4,648	1,778E-128
TcCLB.507359.20	surface antigen TASV, putative	-4,651	7,148E-92
TcCLB.511779.60	trans-sialidase, Group III, putative	-4,658	5,423E-97

TcCLB.506885.140	trans-sialidase (pseudogene), putative	-4,663	5,24E-195
TcCLB.508389.90	surface protease GP63, putative	-4,684	5,808E-153
TcCLB.510933.120	surface protease GP63, putative	-4,686	0
TcCLB.504493.10	mucin-associated surface protein (MASP), putative (fragn	-4,694	6,999E-98
TcCLB.508903.110	trans-sialidase, putative	-4,695	7,503E-155
TcCLB.510569.10	trans-sialidase, putative	-4,695	3,766E-130
TcCLB.506283.20	trans-sialidase, putative	-4,696	8,671E-24
TcCLB.508219.90	90 kDa surface protein, putative	-4,7	1,651E-83
TcCLB.508121.90	mucin-associated surface protein (MASP, pseudogene), pi	-4,706	5,494E-137
TcCLB.508021.10	trans-sialidase, putative	-4,716	2,263E-09
TcCLB.511873.10	trans-sialidase, Group V, putative	-4,74	1,169E-189
TcCLB.506643.10	mucin-associated surface protein (MASP), putative	-4,742	4,259E-34
TcCLB.511835.10	trans-sialidase, Group VIII, putative	-4,75	1,7E-60
TcCLB.478463.10	hypothetical protein	-4,765	9,203E-40
TcCLB.506139.110	mucin-associated surface protein (MASP), putative	-4,768	1,197E-71
TcCLB.508231.120	trans-sialidase (pseudogene), putative	-4,772	1,325E-62
TcCLB.510371.100	mucin-associated surface protein (MASP), putative	-4,777	6,564E-126
TcCLB.506471.120	trans-sialidase, Group II, putative	-4,784	1,696E-236
TcCLB.510483.20	mucin-associated surface protein (MASP), putative	-4,798	1,141E-130
TcCLB.421951.10	trans-sialidase, putative (fragment)	-4,818	6,389E-68
TcCLB.455171.9	trans-sialidase, putative	-4,832	6,833E-204
TcCLB.506971.20	surface protease GP63, putative	-4,844	1,381E-199
TcCLB.507957.240	mucin-associated surface protein (MASP), putative	-4,849	7,456E-102
TcCLB.505025.150	trans-sialidase (pseudogene), putative	-4,859	1,396E-99
TcCLB.510307.240	trans-sialidase, Group VIII, putative	-4,863	2,407E-297
TcCLB.506599.50	mucin-associated surface protein (MASP), putative	-4,866	6,457E-119
TcCLB.508165.430	trans-sialidase, putative	-4,88	6,276E-216
TcCLB.511175.10	mucin-associated surface protein (MASP), putative	-4,887	1,126E-13
TcCLB.506763.290	mucin TcMUCII, putative	-4,888	3,662E-116
TcCLB.508073.10	surface protease GP63, putative	-4,893	2,326E-205
TcCLB.507759.10	trans-sialidase, Group VIII, putative	-4,898	3,258E-99
TcCLB.509075.31	hypothetical protein, conserved (pseudogene)	-4,9	1,904E-17
TcCLB.506683.110	trans-sialidase, Group VIII, putative	-4,909	0
TcCLB.503429.39	trans-sialidase, putative	-4,926	2,319E-154
TcCLB.507357.100	trans-sialidase, Group V, putative	-4,943	0
TcCLB.475133.10	trans-sialidase, putative	-4,958	2,855E-98
TcCLB.503973.150	mucin-associated surface protein (MASP), putative	-4,967	2,237E-107
TcCLB.509979.320	trans-sialidase, Group V, putative	-4,971	0
TcCLB.509525.180	mucin TcMUCII, putative	-4,973	2,739E-68
TcCLB.506427.10	trans-sialidase, Group VIII, putative	-4,974	6,153E-63
TcCLB.507071.140	mucin-associated surface protein (MASP), putative	-4,977	4,672E-116
TcCLB.504239.140	mucin-associated surface protein (MASP, pseudogene), pi	-4,978	1,184E-200
TcCLB.509147.40	surface antigen TASV, putative	-4,985	0
TcCLB.505365.60	trans-sialidase, Group VIII, putative	-4,986	3,959E-27
TcCLB.510693.150	mucin-associated surface protein (MASP), putative	-4,992	1,55E-29

TcCLB.508163.250	trans-sialidase, Group VI, putative	-4,994	3,333E-261
TcCLB.509123.10	surface antigen TASV, putative	-5,008	0
TcCLB.510693.130	mucin-associated surface protein (MASP), putative	-5,008	1,406E-118
TcCLB.511173.24	mucin-associated surface protein (MASP), putative	-5,023	9,63E-178
TcCLB.510697.130	mucin-associated surface protein (MASP), putative	-5,029	1,782E-139
TcCLB.507637.170	surface protease GP63, putative	-5,03	1,181E-272
TcCLB.505567.20	surface protease GP63, putative	-5,043	1,961E-81
TcCLB.433061.10	hypothetical protein	-5,043	1,441E-71
TcCLB.508581.10	trans-sialidase, Group VII, putative	-5,047	4,029E-66
TcCLB.508639.10	trans-sialidase, putative	-5,068	1,441E-189
TcCLB.506217.40	trans-sialidase, Group VIII, putative	-5,074	1,069E-67
TcCLB.511675.3	surface antigen TASV, putative	-5,076	0
TcCLB.508483.40	retrotransposon hot spot protein (RHS, pseudogene), puta	-5,081	2,817E-37
TcCLB.507981.10	trans-sialidase (pseudogene), putative	-5,085	4,306E-144
TcCLB.508743.10	surface antigen TASV, putative	-5,089	0
TcCLB.511833.10	trans-sialidase, Group VIII, putative	-5,101	3,178E-205
TcCLB.509977.30	mucin-associated surface protein (MASP), putative	-5,109	3,464E-254
TcCLB.506611.70	surface protease GP63, putative	-5,117	1,713E-179
TcCLB.510463.240	mucin-associated surface protein (MASP), putative	-5,117	3,031E-120
TcCLB.507867.5	trans-sialidase, putative (fragment)	-5,123	3,018E-07
TcCLB.507957.200	mucin-associated surface protein (MASP), putative	-5,124	2,123E-37
TcCLB.508221.960	mucin-associated surface protein (MASP), putative	-5,125	1,585E-224
TcCLB.506877.60	mucin-associated surface protein (MASP), putative	-5,135	5,316E-250
TcCLB.504039.180	mucin-associated surface protein (MASP), putative	-5,147	9,035E-298
TcCLB.511375.10	hypothetical protein (pseudogene)	-5,157	3,092E-41
TcCLB.507051.11	trans-sialidase, putative (fragment)	-5,16	1,565E-40
TcCLB.435051.10	trans-sialidase, putative (fragment)	-5,164	4,761E-120
TcCLB.508745.30	trans-sialidase, Group V, putative	-5,168	4,076E-142
TcCLB.507069.180	mucin-associated surface protein (MASP), putative	-5,175	3,919E-107
TcCLB.406115.10	trans-sialidase, putative (fragment)	-5,186	7,851E-264
TcCLB.507875.220	trans-sialidase, Group II, putative	-5,187	9,453E-252
TcCLB.506397.10	trans-sialidase, Group II, putative	-5,191	2,425E-07
TcCLB.506967.100	mucin-associated surface protein (MASP), putative	-5,2	3,836E-178
TcCLB.510197.30	trans-sialidase, Group V, putative	-5,212	3,389E-241
TcCLB.504341.20	trans-sialidase, putative	-5,212	7,088E-24
TcCLB.508483.26	trans-sialidase (pseudogene), putative	-5,217	1,391E-17
TcCLB.506613.9	surface protease GP63, putative (fragment)	-5,218	5,468E-164
TcCLB.503783.17	mucin TcMUCII, putative	-5,251	1,802E-92
TcCLB.509737.9	trans-sialidase, putative (fragment)	-5,257	2,419E-142
TcCLB.505025.60	90 kDa surface protein, putative	-5,257	1,345E-83
TcCLB.506763.260	mucin-associated surface protein (MASP), putative	-5,274	0
TcCLB.506449.10	trans-sialidase, Group III, putative	-5,284	3,97E-45
TcCLB.508741.440	surface antigen TASV, putative	-5,288	0
TcCLB.426675.9	trans-sialidase, putative	-5,294	3,745E-193
TcCLB.509977.80	mucin-associated surface protein (MASP), putative	-5,3	0

TcCLB.507753.10	trans-sialidase, Group III, putative	-5,301	2,469E-92
TcCLB.510021.180	trans-sialidase, Group V, putative	-5,306	0
TcCLB.511861.120	surface antigen TASV, putative	-5,309	0
TcCLB.510125.20	trans-sialidase, Group VIII, putative	-5,317	4,743E-27
TcCLB.509265.120	trans-sialidase, putative	-5,322	6,117E-159
TcCLB.504593.10	trans-sialidase, putative (CRP10)	-5,327	8,714E-90
TcCLB.505155.4	trans-sialidase, putative (fragment)	-5,331	3,879E-103
TcCLB.506471.100	trans-sialidase, Group II, putative	-5,34	0
TcCLB.510477.80	mucin-associated surface protein (MASP), putative	-5,344	2,286E-273
TcCLB.509075.50	trans-sialidase, Group II, putative	-5,349	0
TcCLB.425435.10	trans-sialidase, putative (fragment)	-5,36	3,398E-200
TcCLB.510635.10	trans-sialidase, Group VII, putative	-5,363	1,395E-220
TcCLB.504015.30	surface protease GP63, putative	-5,372	0
TcCLB.492827.10	trans-sialidase, putative (fragment)	-5,385	3,007E-34
TcCLB.511375.20	hypothetical protein	-5,388	1,379E-146
TcCLB.508081.10	mucin-associated surface protein (MASP), putative	-5,402	3,731E-24
TcCLB.506253.39	trans-sialidase, putative (CRP10)	-5,416	1,551E-81
TcCLB.503601.10	trans-sialidase, Group V, putative	-5,423	2,478E-218
TcCLB.505207.10	trans-sialidase, Group VII, putative	-5,432	2,91E-271
TcCLB.509979.200	mucin-associated surface protein (MASP), putative	-5,435	2,713E-304
TcCLB.510275.190	mucin-associated surface protein (MASP), putative	-5,45	1,202E-114
TcCLB.510213.39	mucin-associated surface protein (MASP), putative	-5,453	0
TcCLB.510693.40	90 kDa surface protein, putative	-5,468	6,689E-122
TcCLB.511603.450	trans-sialidase, Group V, putative	-5,475	4,304E-114
TcCLB.510021.220	trans-sialidase, Group V, putative	-5,49	1,913E-268
TcCLB.509549.10	trans-sialidase, Group V, putative	-5,505	0
TcCLB.506813.140	trans-sialidase, Group VII, putative	-5,528	1,155E-201
TcCLB.509225.11	trans-sialidase, putative	-5,539	1,491E-172
TcCLB.505779.20	trans-sialidase, Group II, putative	-5,544	0
TcCLB.507833.10	mucin-associated surface protein (MASP), putative	-5,544	2,079E-118
TcCLB.508365.190	trans-sialidase, Group VI, putative	-5,554	1,991E-185
TcCLB.510483.360	trans-sialidase, Group VII, putative	-5,569	0
TcCLB.508117.20	mucin-associated surface protein (MASP, pseudogene), pi	-5,57	8,473E-227
TcCLB.510377.134	mucin-associated surface protein (MASP), putative	-5,59	3,03E-116
TcCLB.506597.9	trans-sialidase, putative (fragment)	-5,59	5,786E-15
TcCLB.504427.230	trans-sialidase, Group VIII, putative	-5,595	2,012E-66
TcCLB.510907.10	trans-sialidase, Group VIII, putative	-5,6	7,685E-54
TcCLB.510489.5	mucin-associated surface protein (MASP), putative	-5,602	1,629E-12
TcCLB.506599.330	mucin-associated surface protein (MASP), putative	-5,604	0
TcCLB.506499.170	trans-sialidase, Group V, putative	-5,621	3,098E-258
TcCLB.505779.10	trans-sialidase, Group II, putative	-5,629	0
TcCLB.507479.20	trans-sialidase, Group II, putative	-5,644	7,786E-162
TcCLB.503427.9	trans-sialidase, putative (fragment)	-5,664	1,069E-290
TcCLB.507095.10	hypothetical protein (fragment)	-5,682	0
TcCLB.506757.50	mucin-associated surface protein (MASP), putative	-5,709	1,602E-284



TcCLB.508365.100	surface protease GP63, putative	-5,71	1,234E-51
TcCLB.506703.20	mucin-associated surface protein (MASP), putative	-5,716	2,745E-160
TcCLB.508165.310	surface protease GP63, putative	-5,728	0
TcCLB.424499.10	mucin-associated surface protein (MASP), putative	-5,75	1,262E-192
TcCLB.509875.80	trans-sialidase, Group II, putative	-5,764	0
TcCLB.506347.5	trans-sialidase, putative (fragment)	-5,767	6,701E-295
TcCLB.508061.154	trans-sialidase, putative (fragment)	-5,769	1,2E-285
TcCLB.506003.39	trans-sialidase, putative (fragment)	-5,773	1,748E-53
TcCLB.460061.20	trans-sialidase, putative (fragment)	-5,804	6,051E-49
TcCLB.511077.7	trans-sialidase, putative (fragment)	-5,817	8,225E-09
TcCLB.504587.30	mucin-associated surface protein (MASP), putative	-5,837	0
TcCLB.508285.60	trans-sialidase, Group II, putative	-5,84	2,808E-283
TcCLB.506341.50	trans-sialidase, Group VIII, putative	-5,846	0
TcCLB.506537.200	trans-sialidase, Group VIII, putative	-5,856	0
TcCLB.511059.10	trans-sialidase, putative	-5,877	1,341E-113
TcCLB.506757.120	trans-sialidase, Group V, putative	-5,906	0
TcCLB.506653.10	trans-sialidase, putative	-5,909	2,963E-97
TcCLB.508737.10	surface antigen TASV-C2, putative (TASV-C2)	-5,917	0
TcCLB.511855.10	trans-sialidase, putative	-5,934	1,463E-146
TcCLB.506615.100	mucin-associated surface protein (MASP), putative	-5,953	0
TcCLB.511781.31	trans-sialidase (pseudogene), putative	-5,953	8,288E-18
TcCLB.508139.240	trans-sialidase, Group II, putative	-5,963	0
TcCLB.511081.60	mucin-associated surface protein (MASP), putative	-5,978	5,619E-194
TcCLB.508221.790	trans-sialidase, Group V, putative	-5,988	8,205E-94
TcCLB.509979.270	mucin-associated surface protein (MASP), putative	-6,001	0
TcCLB.508139.250	trans-sialidase, Group II, putative	-6,002	0
TcCLB.506763.30	mucin-associated surface protein (MASP), putative	-6,002	9,574E-100
TcCLB.402449.10	trans-sialidase (pseudogene), putative	-6,004	0
TcCLB.511877.10	surface antigen TASV-B2 (TASV-B2)	-6,008	0
TcCLB.511859.120	mucin-like glycoprotein, putative	-6,013	0
TcCLB.510979.40	trans-sialidase, Group V, putative	-6,019	0
TcCLB.504145.10	trans-sialidase, Group II, putative	-6,028	1,544E-35
TcCLB.505231.20	trans-sialidase, Group II, putative	-6,035	0
TcCLB.440083.10	trans-sialidase, putative (fragment)	-6,053	0
TcCLB.509525.420	mucin TcMUCII, putative	-6,062	2,787E-93
TcCLB.503759.10	trans-sialidase, Group II, putative	-6,066	0
TcCLB.511197.10	trans-sialidase, putative	-6,078	2,379E-252
TcCLB.506961.150	trans-sialidase, Group VIII, putative	-6,098	0
TcCLB.511587.90	trans-sialidase, Group VIII, putative	-6,098	0
TcCLB.476911.10	trans-sialidase, putative (fragment)	-6,111	6,192E-83
TcCLB.457113.10	trans-sialidase, putative (fragment)	-6,161	2,619E-33
TcCLB.507505.10	trans-sialidase, putative	-6,166	1,094E-29
TcCLB.510157.5	trans-sialidase, putative (fragment)	-6,193	1,654E-20
TcCLB.508481.10	trans-sialidase, Group IV, putative	-6,2	1,001E-32
TcCLB.505853.10	trans-sialidase, putative (fragment)	-6,211	0

TcCLB.510213.70	mucin-associated surface protein (MASP), putative	-6,243	0
TcCLB.509075.40	mucin-associated surface protein (MASP), putative	-6,255	4,271E-08
TcCLB.510943.206	trans-sialidase, putative	-6,258	5,225E-58
TcCLB.505573.10	trans-sialidase, putative (fragment)	-6,28	0
TcCLB.504189.5	trans-sialidase, putative (fragment)	-6,345	2,275E-147
TcCLB.510279.320	trans-sialidase, Group V, putative	-6,347	0
TcCLB.511185.80	trans-sialidase, Group V, putative	-6,434	0
TcCLB.508163.400	surface antigen TASV-B1, putative	-6,44	2,486E-301
TcCLB.506757.60	trans-sialidase, Group V, putative	-6,446	0
TcCLB.507981.40	hypothetical protein	-6,501	3,263E-23
TcCLB.508081.50	mucin-associated surface protein (MASP), putative	-6,516	9,32E-280
TcCLB.507477.5	trans-sialidase, putative	-6,535	3,787E-52
TcCLB.508521.100	trans-sialidase, Group VIII, putative	-6,592	1,699E-98
TcCLB.508081.90	mucin-associated surface protein (MASP), putative	-6,599	9,928E-298
TcCLB.432995.9	trans-sialidase, putative	-6,617	2,567E-107
TcCLB.506973.10	trans-sialidase, Group V, putative	-6,662	0
TcCLB.506717.80	trans-sialidase, Group VIII, putative	-6,667	0
TcCLB.510359.650	mucin-associated surface protein (MASP), putative	-6,674	2,367E-144
TcCLB.509281.20	trans-sialidase, Group II, putative	-6,685	4,222E-296
TcCLB.511551.50	trans-sialidase (pseudogene), putative	-6,687	1,416E-29
TcCLB.508757.10	trans-sialidase (pseudogene), putative	-6,717	2,09E-69
TcCLB.509629.10	trans-sialidase, Group III, putative	-6,724	1,022E-87
TcCLB.503655.30	mucin-like glycoprotein, putative	-6,746	5,285E-124
TcCLB.509187.10	trans-sialidase, Group II, putative	-6,759	2,624E-69
TcCLB.509081.166	trans-sialidase, putative (fragment)	-6,776	3,782E-261
TcCLB.511547.20	trans-sialidase, Group IV, putative	-6,789	2,601E-104
TcCLB.507611.170	trans-sialidase, Group II, putative	-6,834	1,494E-140
TcCLB.511757.100	trans-sialidase, putative (fragment)	-6,861	0
TcCLB.509663.50	trans-sialidase, Group VIII, putative	-6,876	0
TcCLB.511875.20	trans-sialidase, Group VII, putative	-6,937	0
TcCLB.506537.80	trans-sialidase, Group II, putative	-6,949	0
TcCLB.508999.170	surface protease GP63, putative	-6,994	8,021E-10
TcCLB.507981.30	hypothetical protein	-7,01	1,317E-41
TcCLB.510713.30	trans-sialidase, Group VII, putative	-7,023	0
TcCLB.508081.30	mucin-associated surface protein (MASP), putative	-7,046	1,886E-49
TcCLB.505609.10	trans-sialidase, Group II, putative	-7,193	1,018E-42
TcCLB.506871.190	hypothetical protein	-7,268	0
TcCLB.510025.160	mucin-associated surface protein (MASP), putative	-7,275	1,448E-90
TcCLB.508081.70	mucin-associated surface protein (MASP), putative	-7,296	7,893E-101
TcCLB.507095.30	trans-sialidase, putative (fragment)	-7,331	0
TcCLB.423205.10	trans-sialidase, putative (fragment)	-7,337	7,007E-21
TcCLB.399173.10	trans-sialidase, putative (fragment)	-7,435	0
TcCLB.507839.40	trans-sialidase, Group II, putative	-7,475	0
TcCLB.506723.20	trans-sialidase, Group VII, putative	-7,537	0
TcCLB.484097.10	trans-sialidase, putative (fragment)	-7,593	0

TcCLB.506289.94	mucin-like glycoprotein, putative	-7,604	4,24E-138
TcCLB.507283.10	trans-sialidase, Group V, putative	-7,624	0
TcCLB.508485.10	trans-sialidase, Group II, putative	-7,658	2,17E-56
TcCLB.510163.60	trans-sialidase, Group V, putative	-7,728	0
TcCLB.509377.20	trans-sialidase, Group VII, putative	-7,733	1,737E-39
TcCLB.509821.20	trans-sialidase (pseudogene), putative	-7,849	0
TcCLB.511257.110	mucin-like glycoprotein, putative	-8,066	8,102E-200
TcCLB.507511.50	hypothetical protein	-8,07	0
TcCLB.509325.4	surface protease GP63, putative (fragment)	-8,3	6,673E-11
TcCLB.508163.330	surface protease GP63, putative	-8,718	1,704E-196
TcCLB.508581.40	trans-sialidase, Group II, putative	-8,947	4,669E-25
TcCLB.509157.170	trans-sialidase, Group VIII, putative	-9,251	1,816E-153

**Supplementary Table 3. Gene ontology (GO) Enrichment Analysis of DE genes in CL Brener epimastigotes compared to trypomastigotes and amastigotes.**

# BP Results from goseq.

row.names	term	over.p.value	de.genes.in.cat
GO:0055114	oxidation-reduction process	1,444E-30	TcCLB.506357.50, TcCLB.511277.60, TcCLB.507047.150, TcCLB.510855.10, TcCLB.504425.60, TcCLB.509179.100, TcCLB.506213.50, TcCLB.506629.200, TcCLB.511817.40, TcCLB.511287.49, TcCLB.506937.10, TcCLB.511691.39, TcCLB.508535.10, TcCLB.506147.9, TcCLB.506779.200, TcCLB.509207.90, TcCLB.508461.80, TcCLB.510213.110, TcCLB.509239.10, TcCLB.507019.20, TcCLB.507617.9, TcCLB.506263.10, TcCLB.506367.30, TcCLB.509611.180, TcCLB.508821.40, TcCLB.510943.50.

GO:0008152	metabolic process	2,757E-24	TcCLB.510257.80, TcCLB.509213.120, TcCLB.511391.120, TcCLB.507689.40, TcCLB.510837.9, TcCLB.509205.120, TcCLB.507689.50, TcCLB.506559.410, TcCLB.507689.30, TcCLB.507657.20, TcCLB.508601.141, TcCLB.507657.10, TcCLB.508699.120, TcCLB.510837.20, TcCLB.506513.110, TcCLB.508805.80, TcCLB.508919.10, TcCLB.506593.60, TcCLB.511691.10, TcCLB.506905.50, TcCLB.505945.20, TcCLB.510381.10, TcCLB.508241.140, TcCLB.508177.110, TcCLB.506931.10, TcCLB.508177.120.
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GO:0055085	transmembrane transport	9,384E-16	TcCLB.510103.24, TcCLB.509713.30, TcCLB.506551.10, TcCLB.510811.20, TcCLB.508799.270, TcCLB.509707.10, TcCLB.508065.70, TcCLB.508799.290, TcCLB.509107.9, TcCLB.510605.10, TcCLB.506947.10, TcCLB.511639.20, TcCLB.511041.40, TcCLB.510069.20, TcCLB.510877.170, TcCLB.507527.50, TcCLB.509197.20, TcCLB.508465.40, TcCLB.509197.10, TcCLB.508689.40, TcCLB.508231.9, TcCLB.508701.20, TcCLB.508551.39, TcCLB.506355.100, TcCLB.508551.30, TcCLB.506355.10.
GO:0006520	cellular amino acid metabolic process	5,366E-10	TcCLB.510795.10, TcCLB.510187.40, TcCLB.510565.11, TcCLB.510187.70, TcCLB.510187.20, TcCLB.510741.10, TcCLB.510739.19, TcCLB.510661.250, TcCLB.507091.50, TcCLB.508111.30, TcCLB.511643.30, TcCLB.507875.20

GO:0006629	lipid metabolic process	2,431E-08	TcCLB.510679.100, TcCLB.511437.30, TcCLB.511075.9, TcCLB.509239.10, TcCLB.505615.20, TcCLB.440101.10, TcCLB.429257.20, TcCLB.508737.70, TcCLB.507609.40, TcCLB.510181.20, TcCLB.511439.30, TcCLB.507089.210, TcCLB.508503.10, TcCLB.510795.30, TcCLB.509331.70, TcCLB.510359.340, TcCLB.510565.20, TcCLB.504427.70, TcCLB.504149.160
GO:0009058	biosynthetic process	5,079E-08	TcCLB.510795.10, TcCLB.510187.40, TcCLB.503747.10, TcCLB.508535.50, TcCLB.510565.11, TcCLB.506247.220, TcCLB.509041.10, TcCLB.509043.10, TcCLB.510187.70, TcCLB.510187.20, TcCLB.510945.70, TcCLB.508257.10, TcCLB.506529.430, TcCLB.506529.420, TcCLB.506959.70, TcCLB.506405.50, TcCLB.503453.100



GO:0006526	arginine biosynthetic process	1,321E-07	TcCLB.511391.120, TcCLB.507689.40, TcCLB.507689.30, TcCLB.507657.20, TcCLB.507657.10, TcCLB.510837.20, TcCLB.508971.40, TcCLB.507059.80
GO:0006839	mitochondrial transport	6,289E-07	TcCLB.511687.19, TcCLB.508741.229, TcCLB.508737.210, TcCLB.509141.40, TcCLB.511687.10, TcCLB.509129.10
GO:0009116	nucleoside metabolic process	6,038E-07	TcCLB.509569.100, TcCLB.507519.150, TcCLB.506789.280, TcCLB.508387.20, TcCLB.507739.40, TcCLB.508207.70, TcCLB.506865.2, TcCLB.508989.9, TcCLB.507773.60, TcCLB.506435.410
GO:0016559	peroxisome fission	2,064E-06	TcCLB.510669.49, TcCLB.510669.20, TcCLB.508461.570, TcCLB.509203.40, TcCLB.507009.10, TcCLB.511017.50

GO:0005975	carbohydrate metabolic process	1,369E-05	TcCLB.506937.10, TcCLB.503713.30, TcCLB.510667.140, TcCLB.506195.120, TcCLB.510437.40, TcCLB.508257.70, TcCLB.510283.70, TcCLB.507009.30, TcCLB.503823.40, TcCLB.506407.10, TcCLB.509199.24, TcCLB.508569.80, TcCLB.511531.50, TcCLB.508601.119, TcCLB.508951.20
GO:0006811	ion transport	1,937E-05	TcCLB.511687.19, TcCLB.508741.229, TcCLB.508737.210, TcCLB.509141.40, TcCLB.511687.10, TcCLB.509129.10
GO:0006626	protein targeting to mitochondrion	0,0004091	TcCLB.506399.80, TcCLB.511909.50, TcCLB.506399.70, TcCLB.511909.60, TcCLB.508647.110, TcCLB.511807.253
GO:0006094	gluconeogenesis	0,0009519	TcCLB.506775.180, TcCLB.508441.20, TcCLB.507547.90, TcCLB.506529.508
GO:0033617	mitochondrial respiratory chain complex IV	0,0013959	TcCLB.509721.40, TcCLB.511395.20, TcCLB.510173.70, TcCLB.506041.50
GO:0006633	fatty acid biosynthetic process	0,0016028	TcCLB.509239.10, TcCLB.507609.40, TcCLB.510181.20, TcCLB.510795.30, TcCLB.473111.10, TcCLB.510565.20

GO:0046835	carbohydrate phosphorylation	0,0016251	TcCLB.510667.120, TcCLB.507009.40, TcCLB.507001.110
GO:0006470	protein dephosphorylation	0,0019032	TcCLB.509205.120, TcCLB.508601.141, TcCLB.508699.120, TcCLB.503471.10, TcCLB.509109.130, TcCLB.510603.60, TcCLB.503657.70, TcCLB.509109.120, TcCLB.506779.110, TcCLB.506743.110, TcCLB.510603.80
GO:0006098	pentose-phosphate shunt	0,0024448	TcCLB.503713.30, TcCLB.505807.180, TcCLB.509199.24, TcCLB.507017.40, TcCLB.508601.119
GO:0009987	cellular process	0,0023817	TcCLB.510655.120, TcCLB.510751.4, TcCLB.510749.99, TcCLB.507081.110, TcCLB.503991.20
GO:0006825	copper ion transport	0,00309	TcCLB.509463.20, TcCLB.510507.29, TcCLB.506649.50
GO:0006013	mannose metabolic process	0,0057466	TcCLB.506195.120, TcCLB.506407.10
GO:0006471	protein ADP-ribosylation	0,0057466	TcCLB.509721.60, TcCLB.510173.90
GO:0006537	glutamate biosynthetic process	0,0057466	TcCLB.511237.30, TcCLB.506411.30
GO:0006548	histidine catabolic process	0,005746	TcCLB.506247.220, TcCLB.504045.110
GO:0006561	proline biosynthetic process	0,003419	TcCLB.509207.90, TcCLB.510943.50, TcCLB.506857.20
GO:0006562	proline catabolic process	0,0057466	TcCLB.511237.30, TcCLB.506411.30
GO:0006566	threonine metabolic process	0,0052542	TcCLB.503597.10, TcCLB.509167.150

GO:0006665	sphingolipid metabolic process	0,0044199	TcCLB.508257.10, TcCLB.506405.50
GO:0006783	heme biosynthetic process	0,0055176	TcCLB.509601.59, TcCLB.509767.59
GO:0006807	nitrogen compound metabolic process	0,0034532	TcCLB.510039.40, TcCLB.509979.150, TcCLB.503405.10
GO:0006874	cellular calcium ion homeostasis	0,0057466	TcCLB.511385.30, TcCLB.510773.20
GO:0007131	reciprocal meiotic recombination	0,0053436	TcCLB.506885.310, TcCLB.510729.110
GO:0009229	thiamine diphosphate biosynthetic process	0,0056933	TcCLB.511051.59, TcCLB.509683.124
GO:0009443	pyridoxal 5'-phosphate salvage	0,0049909	TcCLB.509059.50, TcCLB.507925.40
GO:0019556	histidine catabolic process to glutamate an	0,005645	TcCLB.508741.140, TcCLB.509137.30
GO:0019571	D-arabinose catabolic process	0,0048368	TcCLB.506213.50, TcCLB.511287.49
GO:0019853	L-ascorbic acid biosynthetic process	0,0057379	TcCLB.507047.150, TcCLB.509179.100
GO:0046951	ketone body biosynthetic process	0,0046754	TcCLB.507049.60, TcCLB.506567.70
GO:0048034	heme O biosynthetic process	0,0055176	TcCLB.509601.59, TcCLB.509767.59
GO:0050790	regulation of catalytic activity	0,0052349	TcCLB.510535.100, TcCLB.511827.100
GO:0051452	intracellular pH reduction	0,0057466	TcCLB.511385.30, TcCLB.510773.20
GO:0033955	mitochondrial DNA inheritance	0,0069773	TcCLB.503781.80, TcCLB.507639.30, TcCLB.503781.90
GO:0006012	galactose metabolic process	0,0071128	TcCLB.510667.120, TcCLB.507009.40, TcCLB.507001.110

GO:0006468	protein phosphorylation	0,0083465	TcCLB.508405.70, TcCLB.507837.20, TcCLB.508831.110, TcCLB.508621.10, TcCLB.511671.80, TcCLB.510345.9, TcCLB.511301.90, TcCLB.510861.140, TcCLB.510155.160, TcCLB.503943.10, TcCLB.511837.90, TcCLB.510609.70, TcCLB.507211.20, TcCLB.503617.10, TcCLB.506835.159, TcCLB.506401.110, TcCLB.505193.110, TcCLB.508153.740, TcCLB.506999.180, TcCLB.511351.30, TcCLB.506469.80, TcCLB.511573.40, TcCLB.510759.40, TcCLB.476421.9, TcCLB.506633.10, TcCLB.511277.140.
GO:0022900	electron transport chain	0,0127825	TcCLB.509721.40, TcCLB.510173.70
GO:0016311	dephosphorylation	0,0132844	TcCLB.503471.10, TcCLB.509109.130, TcCLB.510603.60, TcCLB.503657.70, TcCLB.509109.120, TcCLB.506779.110, TcCLB.506743.110, TcCLB.510603.80
GO:0009072	aromatic amino acid family metabolic proc	0,01599	TcCLB.510795.10, TcCLB.510187.40
GO:0006518	peptide metabolic process	0,0162322	TcCLB.504045.60, TcCLB.506513.110
GO:0016310	phosphorylation	0,0163425	TcCLB.510101.140, TcCLB.506297.190

GO:0030001	metal ion transport	0,0172671	TcCLB.507527.50, TcCLB.509197.20, TcCLB.509197.10, TcCLB.508701.20, TcCLB.509437.60, TcCLB.509437.70
GO:0015937	coenzyme A biosynthetic process	0,0174559	TcCLB.506779.80, TcCLB.511277.500, TcCLB.507021.110
GO:0006729	tetrahydrobiopterin biosynthetic process	0,0211556	TcCLB.511575.10, TcCLB.503613.40
GO:0044237	cellular metabolic process	0,0257878	TcCLB.507923.10, TcCLB.511753.120, TcCLB.508119.120, TcCLB.510349.10, TcCLB.511019.84, TcCLB.503925.40
GO:0008535	respiratory chain complex IV assembly	0,0267534	TcCLB.508995.60, TcCLB.506649.50
GO:0042759	long-chain fatty acid biosynthetic process	0,0272799	TcCLB.511245.130, TcCLB.506661.30
GO:0006298	mismatch repair	0,028402	TcCLB.507233.110, TcCLB.509693.209, TcCLB.509967.20, TcCLB.511911.30
GO:0031388	organic acid phosphorylation	0,0310156	TcCLB.508741.170, TcCLB.509139.10
GO:0008299	isoprenoid biosynthetic process	0,031864	TcCLB.509237.10, TcCLB.511071.50, TcCLB.511823.70, TcCLB.511903.40
GO:0006725	cellular aromatic compound metabolic process	0,0403494	TcCLB.503991.39, TcCLB.507081.130
GO:0007035	vacuolar acidification	0,0519264	TcCLB.510993.10
GO:0006643	membrane lipid metabolic process	0,0539014	TcCLB.503929.79
GO:0019538	protein metabolic process	0,0540045	TcCLB.510855.10, TcCLB.509611.180
GO:0000723	telomere maintenance	0,0561425	TcCLB.508827.50, TcCLB.506775.100, TcCLB.503677.20

GO:0006259	DNA metabolic process	0,057713	TcCLB.506885.310, TcCLB.510729.110, TcCLB.509779.10, TcCLB.511653.69
GO:0009052	pentose-phosphate shunt, non-oxidative branch	0,0579039	TcCLB.509199.24
GO:0006735	NADH regeneration	0,0595221	TcCLB.508601.50
GO:0002082	regulation of oxidative phosphorylation	0,0663701	TcCLB.508823.70
GO:0006784	heme a biosynthetic process	0,0744994	TcCLB.511211.70
GO:0010040	response to iron(II) ion	0,0758265	TcCLB.507951.299
GO:0015819	lysine transport	0,0755383	TcCLB.511545.80
GO:0018171	peptidyl-cysteine oxidation	0,0758265	TcCLB.507951.299
GO:0051156	glucose 6-phosphate metabolic process	0,0739662	TcCLB.510187.100
GO:0009165	nucleotide biosynthetic process	0,0784136	TcCLB.509153.90, TcCLB.507773.60
GO:0009435	NAD biosynthetic process	0,0831196	TcCLB.506593.60, TcCLB.506829.80
GO:0006696	ergosterol biosynthetic process	0,0891041	TcCLB.511071.50, TcCLB.511903.40

# MF Results from goseq.

row.names	term	over.p.value	de.genes.in.cat
GO:0016491	oxidoreductase activity	1,63E-26	TcCLB.506357.50, TcCLB.511277.60, TcCLB.507047.150, TcCLB.504425.60, TcCLB.509179.100, TcCLB.506213.50, TcCLB.508805.80, TcCLB.511817.40, TcCLB.511287.49, TcCLB.506937.10, TcCLB.511691.39, TcCLB.508535.10, TcCLB.506147.9, TcCLB.506779.200, TcCLB.509207.90, TcCLB.508461.80, TcCLB.510213.110, TcCLB.507019.20, TcCLB.507617.9, TcCLB.508821.40, TcCLB.510943.50, TcCLB.510437.40, TcCLB.503577.9, TcCLB.509351.10, TcCLB.505807.180, TcCLB.511037.20, TcCLB.511151.90, TcCLB.508177.90, TcCLB.510265.10, TcCLB.508297.50, TcCLB.507049.60, TcCLB.510311.90, TcCLB.509331.210, TcCLB.506219.40, TcCLB.506821.210, TcCLB.510521.10, TcCLB.506857.20, TcCLB.508677.80, TcCLB.511461.60, TcCLB.509459.79, TcCLB.504339.19.



GO:0030170	pyridoxal phosphate binding	5,69E-18	TcCLB.510795.10, TcCLB.510187.40, TcCLB.503747.10, TcCLB.508535.50, TcCLB.510565.11, TcCLB.509041.10, TcCLB.509043.10, TcCLB.510187.70, TcCLB.510187.20, TcCLB.511691.10, TcCLB.506905.50, TcCLB.510381.10, TcCLB.508241.140, TcCLB.508177.110, TcCLB.508177.120, TcCLB.508177.129, TcCLB.510741.10, TcCLB.510739.19, TcCLB.510661.250, TcCLB.508175.360, TcCLB.510945.70, TcCLB.508257.10, TcCLB.506529.430, TcCLB.506529.420, TcCLB.506959.70, TcCLB.506405.50, TcCLB.503453.100
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GO:0003824	catalytic activity	6,26E-16	TcCLB.507047.150, TcCLB.506559.410, TcCLB.506247.220, TcCLB.509179.100, TcCLB.509569.100, TcCLB.506937.10, TcCLB.506593.60, TcCLB.511691.10, TcCLB.508303.10, TcCLB.506789.280, TcCLB.506905.50, TcCLB.505945.20, TcCLB.510381.10, TcCLB.508241.140, TcCLB.508177.110, TcCLB.506931.10, TcCLB.507923.10, TcCLB.508177.120, TcCLB.511753.120, TcCLB.510667.140, TcCLB.508387.20, TcCLB.508177.129, TcCLB.506195.120, TcCLB.510437.40, TcCLB.508175.360, TcCLB.506779.80, TcCLB.510101.140, TcCLB.503991.39, TcCLB.506865.2, TcCLB.511179.150, TcCLB.508119.120, TcCLB.508989.9.
GO:0008234	cysteine-type peptidase activity	2,88E-10	TcCLB.510535.100, TcCLB.511827.100, TcCLB.506529.550, TcCLB.507537.10, TcCLB.507603.270, TcCLB.507603.260, TcCLB.507537.20, TcCLB.509429.329, TcCLB.510073.17, TcCLB.509429.320, TcCLB.507297.10, TcCLB.509401.20, TcCLB.508595.50

GO:0016740	transferase activity	1,13E-09	TcCLB.510795.10, TcCLB.510187.40, TcCLB.503747.10, TcCLB.508535.50, TcCLB.510565.11, TcCLB.509041.10, TcCLB.509043.10, TcCLB.510187.70, TcCLB.510187.20, TcCLB.510945.70, TcCLB.508257.10, TcCLB.506529.430, TcCLB.506529.420, TcCLB.510381.30, TcCLB.506959.70, TcCLB.506405.50, TcCLB.509825.40, TcCLB.503453.100, TcCLB.511655.40
GO:0022857	transmembrane transporter activity	6,44E-09	TcCLB.511041.40, TcCLB.508231.9, TcCLB.508551.39, TcCLB.506355.100, TcCLB.508551.30, TcCLB.506355.10, TcCLB.424937.10, TcCLB.504125.100
GO:0020037	heme binding	8,2E-09	TcCLB.511073.10, TcCLB.509239.10, TcCLB.507019.20, TcCLB.426435.9, TcCLB.506773.44, TcCLB.503653.60, TcCLB.509719.40, TcCLB.510101.50, TcCLB.506945.190, TcCLB.508799.160, TcCLB.507609.40, TcCLB.510181.20, TcCLB.509395.100, TcCLB.511391.160, TcCLB.410049.20, TcCLB.509231.10

GO:0008777	acetylornithine deacetylase activity	1,26E-08	TcCLB.511391.120, TcCLB.507689.40, TcCLB.507689.30, TcCLB.507657.20, TcCLB.507657.10, TcCLB.510837.20, TcCLB.508971.40
GO:0008137	NADH dehydrogenase (ubiquinone) activity	3,66E-08	TcCLB.503893.80, TcCLB.508507.59, TcCLB.506337.160, TcCLB.508601.50, TcCLB.510659.270, TcCLB.507009.50, TcCLB.510743.30
GO:0050897	cobalt ion binding	3,79E-07	TcCLB.511391.120, TcCLB.507689.40, TcCLB.507689.30, TcCLB.507657.20, TcCLB.507657.10, TcCLB.510837.20, TcCLB.508971.40
GO:0008308	voltage-gated anion channel activity	6,29E-07	TcCLB.511687.19, TcCLB.508741.229, TcCLB.508737.210, TcCLB.509141.40, TcCLB.511687.10, TcCLB.509129.10
GO:0015288	porin activity	6,29E-07	TcCLB.511687.19, TcCLB.508741.229, TcCLB.508737.210, TcCLB.509141.40, TcCLB.511687.10, TcCLB.509129.10
GO:0010181	FMN binding	3,24E-06	TcCLB.507047.150, TcCLB.506147.9, TcCLB.508461.80, TcCLB.507617.9, TcCLB.508399.10, TcCLB.507869.10, TcCLB.503753.29, TcCLB.506585.70

GO:0009055	electron transfer activity	7,2E-06	TcCLB.507889.20, TcCLB.509719.40, TcCLB.510101.50, TcCLB.509177.50, TcCLB.506945.190, TcCLB.503477.10, TcCLB.511303.70, TcCLB.511391.160, TcCLB.510659.270, TcCLB.509231.10, TcCLB.510743.30, TcCLB.508265.10
GO:0008483	transaminase activity	1,21E-05	TcCLB.510795.10, TcCLB.510187.40, TcCLB.510565.11, TcCLB.510187.70, TcCLB.510187.20
GO:0004197	cysteine-type endopeptidase activity	1,56E-05	TcCLB.510535.100, TcCLB.511827.100, TcCLB.507603.270, TcCLB.507603.260, TcCLB.510073.17, TcCLB.509429.320, TcCLB.509401.20, TcCLB.508595.50
GO:0008239	dipeptidyl-peptidase activity	3,03E-05	TcCLB.509205.120, TcCLB.509197.50, TcCLB.508601.141, TcCLB.508699.120
GO:0016705	oxidoreductase activity, acting on paired donors	5,3E-05	TcCLB.509719.40, TcCLB.510101.50, TcCLB.506945.190, TcCLB.510795.30, TcCLB.510565.20, TcCLB.509231.10
GO:0005507	copper ion binding	0,000125	TcCLB.504867.70, TcCLB.510943.130, TcCLB.509463.20, TcCLB.510507.29, TcCLB.508995.60, TcCLB.506649.50

GO:0004198	calcium-dependent cysteine-type endopeptid	0,00014	TcCLB.511329.10, TcCLB.508999.200, TcCLB.503855.40, TcCLB.506563.210, TcCLB.508555.50, TcCLB.509237.120, TcCLB.509013.10, TcCLB.511441.20, TcCLB.510337.20, TcCLB.508999.190
GO:0016787	hydrolase activity	0,000217	TcCLB.510257.80, TcCLB.509213.120, TcCLB.511391.120, TcCLB.507689.40, TcCLB.510837.9, TcCLB.509205.120, TcCLB.507689.50, TcCLB.507689.30, TcCLB.507657.20, TcCLB.508601.141, TcCLB.507657.10, TcCLB.508699.120, TcCLB.510837.20, TcCLB.506513.110, TcCLB.508919.10, TcCLB.506931.10, TcCLB.508971.40, TcCLB.506975.40, TcCLB.507081.110, TcCLB.510131.40, TcCLB.503991.20, TcCLB.508043.20, TcCLB.506363.70, TcCLB.509633.60, TcCLB.509169.30
GO:0016671	oxidoreductase activity, acting on a sulfur gro	0,000276	TcCLB.510855.10, TcCLB.509611.180, TcCLB.508837.189
GO:0008762	UDP-N-acetylmuramate dehydrogenase activ	0,000398	TcCLB.507047.150, TcCLB.509179.100, TcCLB.509459.79, TcCLB.504151.60
GO:0004553	hydrolase activity, hydrolyzing O-glycosyl com	0,000436	TcCLB.506195.120, TcCLB.510283.70, TcCLB.503823.40, TcCLB.506407.10

GO:0004611	phosphoenolpyruvate carboxykinase activity	0,000435	TcCLB.506775.180, TcCLB.508441.20, TcCLB.507547.90
GO:0017076	purine nucleotide binding	0,000435	TcCLB.506775.180, TcCLB.508441.20, TcCLB.507547.90
GO:0004177	aminopeptidase activity	0,000471	TcCLB.509205.120, TcCLB.508601.141, TcCLB.508699.120, TcCLB.510655.120, TcCLB.510751.4, TcCLB.508799.240
GO:0005506	iron ion binding	0,000493	TcCLB.509719.40, TcCLB.510101.50, TcCLB.506945.190, TcCLB.507609.40, TcCLB.510181.20, TcCLB.511391.160, TcCLB.473111.10, TcCLB.509231.10
GO:0016747	transferase activity, transferring acyl groups	0,000893	TcCLB.504425.60, TcCLB.510265.10, TcCLB.510311.90, TcCLB.509331.210, TcCLB.508677.80, TcCLB.509463.30, TcCLB.504339.19, TcCLB.510507.20
GO:0016810	hydrolase activity, acting on carbon-nitrogen	0,001454	TcCLB.510039.40, TcCLB.508741.140, TcCLB.509979.150, TcCLB.509137.30, TcCLB.441401.10
GO:0004335	galactokinase activity	0,001625	TcCLB.510667.120, TcCLB.507009.40, TcCLB.507001.110
GO:0048037	cofactor binding	0,002978	TcCLB.506263.10, TcCLB.510099.120, TcCLB.506263.20
GO:0004462	lactoylglutathione lyase activity	0,003105	TcCLB.510659.240, TcCLB.510743.70
GO:0003858	3-hydroxybutyrate dehydrogenase activity	0,004675	TcCLB.507049.60, TcCLB.506567.70
GO:0003885	D-arabinono-1,4-lactone oxidase activity	0,005738	TcCLB.507047.150, TcCLB.509179.100
GO:0003987	acetate-CoA ligase activity	0,005747	TcCLB.509331.30, TcCLB.504427.110
GO:0004413	homoserine kinase activity	0,005254	TcCLB.503597.10, TcCLB.509167.150

GO:0004421	hydroxymethylglutaryl-CoA synthase activity	0,005735	TcCLB.511071.50, TcCLB.511903.40
GO:0004559	alpha-mannosidase activity	0,005747	TcCLB.506195.120, TcCLB.506407.10
GO:0004612	phosphoenolpyruvate carboxykinase (ATP) ac	0,005744	TcCLB.508441.20, TcCLB.507547.90
GO:0004657	proline dehydrogenase activity	0,005747	TcCLB.511237.30, TcCLB.506411.30
GO:0004735	pyrroline-5-carboxylate reductase activity	0,004706	TcCLB.509207.90, TcCLB.506857.20
GO:0004751	ribose-5-phosphate isomerase activity	0,003351	TcCLB.509199.24, TcCLB.508601.119
GO:0004788	thiamine diphosphokinase activity	0,005693	TcCLB.511051.59, TcCLB.509683.124
GO:0008478	pyridoxal kinase activity	0,004991	TcCLB.509059.50, TcCLB.507925.40
GO:0008495	protoheme IX farnesyltransferase activity	0,005518	TcCLB.509601.59, TcCLB.509767.59
GO:0008887	glycerate kinase activity	0,005744	TcCLB.508741.170, TcCLB.509139.10
GO:0008936	nicotinamidase activity	0,004189	TcCLB.506593.60, TcCLB.506829.80
GO:0009678	hydrogen-translocating pyrophosphatase acti	0,005747	TcCLB.511385.30, TcCLB.510773.20
GO:0015923	mannosidase activity	0,005747	TcCLB.506195.120, TcCLB.506407.10
GO:0016208	AMP binding	0,005747	TcCLB.509331.30, TcCLB.504427.110
GO:0016614	oxidoreductase activity, acting on CH-OH grou	0,004529	TcCLB.507047.150, TcCLB.509179.100, TcCLB.509459.79, TcCLB.504151.60
GO:0016615	malate dehydrogenase activity	0,005228	TcCLB.506937.10, TcCLB.510437.40
GO:0016616	oxidoreductase activity, acting on the CH-OH	0,003374	TcCLB.506937.10, TcCLB.506263.10, TcCLB.510437.40, TcCLB.510099.120, TcCLB.506263.20, TcCLB.507993.270, TcCLB.508893.10
GO:0016639	oxidoreductase activity, acting on the CH-NH2	0,00561	TcCLB.508111.30, TcCLB.507875.20
GO:0016651	oxidoreductase activity, acting on NAD(P)H	0,005725	TcCLB.508399.10, TcCLB.507869.10
GO:0016717	oxidoreductase activity, acting on paired don	0,005631	TcCLB.507609.40, TcCLB.510181.20
GO:0016763	transferase activity, transferring pentosyl gro	0,005048	TcCLB.506789.280, TcCLB.508387.20
GO:0016812	hydrolase activity, acting on carbon-nitrogen	0,005645	TcCLB.508741.140, TcCLB.509137.30
GO:0016899	oxidoreductase activity, acting on the CH-OH	0,005738	TcCLB.507047.150, TcCLB.509179.100
GO:0016920	pyroglutamyl-peptidase activity	0,004285	TcCLB.506635.60, TcCLB.508027.110



GO:0045290	D-arabinose 1-dehydrogenase [NAD(P)+] acti	0,004837	TcCLB.506213.50, TcCLB.511287.49
GO:0050024	L-galactonolactone oxidase activity	0,005738	TcCLB.507047.150, TcCLB.509179.100
GO:0050242	pyruvate, phosphate dikinase activity	0,005747	TcCLB.510101.140, TcCLB.506297.190
GO:0004602	glutathione peroxidase activity	0,006033	TcCLB.507515.4, TcCLB.503899.119, TcCLB.507515.10
GO:0008138	protein tyrosine/serine/threonine phosphatas	0,006255	TcCLB.503471.10, TcCLB.509109.130, TcCLB.510603.60, TcCLB.503657.70, TcCLB.509109.120, TcCLB.506779.110, TcCLB.506743.110, TcCLB.510603.80
GO:0050662	coenzyme binding	0,006701	TcCLB.507923.10, TcCLB.511753.120, TcCLB.508119.120, TcCLB.510349.10, TcCLB.511019.84, TcCLB.503925.40

GO:0004672	protein kinase activity	0,007172	TcCLB.508405.70, TcCLB.507837.20, TcCLB.508831.110, TcCLB.508621.10, TcCLB.511671.80, TcCLB.510345.9, TcCLB.511301.90, TcCLB.510861.140, TcCLB.510155.160, TcCLB.503943.10, TcCLB.511837.90, TcCLB.510609.70, TcCLB.507211.20, TcCLB.503617.10, TcCLB.506835.159, TcCLB.506401.110, TcCLB.505193.110, TcCLB.508153.740, TcCLB.506999.180, TcCLB.511351.30, TcCLB.506469.80, TcCLB.511573.40, TcCLB.510759.40, TcCLB.476421.9, TcCLB.506633.10, TcCLB.511277.140, TcCLB.506327.99, TcCLB.504269.10, TcCLB.510941.3, TcCLB.464807.10, TcCLB.509207.80, TcCLB.506469.30, TcCLB.511821.40, TcCLB.506327.90, TcCLB.506775.190, TcCLB.506945.110, TcCLB.509599.130, TcCLB.511817.80, TcCLB.507683.40.
GO:0051539	4 iron, 4 sulfur cluster binding	0,008307	TcCLB.508399.10, TcCLB.507869.10, TcCLB.503893.80, TcCLB.508507.59
GO:0016791	phosphatase activity	0,010746	TcCLB.503471.10, TcCLB.509109.130, TcCLB.510603.60, TcCLB.503657.70, TcCLB.509109.120, TcCLB.506779.110, TcCLB.506743.110, TcCLB.510603.80, TcCLB.506825.210
GO:0003954	NADH dehydrogenase activity	0,011469	TcCLB.508601.50, TcCLB.507009.50

GO:0016772	transferase activity, transferring phosphorus-	0,011482	TcCLB.508405.70, TcCLB.507837.20, TcCLB.508831.110, TcCLB.508621.10, TcCLB.511671.80, TcCLB.510345.9, TcCLB.510101.140, TcCLB.511301.90, TcCLB.510445.10, TcCLB.510861.140, TcCLB.510155.160, TcCLB.503943.10, TcCLB.511837.90, TcCLB.510609.70, TcCLB.507211.20, TcCLB.503617.10, TcCLB.463451.10, TcCLB.506835.159, TcCLB.506401.110, TcCLB.505193.110, TcCLB.508153.740, TcCLB.506999.180, TcCLB.511351.30, TcCLB.506469.80, TcCLB.511573.40, TcCLB.510759.40, TcCLB.476421.9, TcCLB.506633.10, TcCLB.511277.140, TcCLB.506327.99, TcCLB.504269.10, TcCLB.510941.3, TcCLB.464807.10, TcCLB.509207.80, TcCLB.506469.30, TcCLB.511821.40, TcCLB.506327.90, TcCLB.506775.190, TcCLB.506297.190, TcCLB.506945.110.
GO:0004129	cytochrome-c oxidase activity	0,011672	TcCLB.504069.20, TcCLB.511145.10
GO:0046873	metal ion transmembrane transporter activit	0,012073	TcCLB.507527.50, TcCLB.509197.20, TcCLB.509197.10, TcCLB.508701.20, TcCLB.509437.60, TcCLB.509437.70
GO:0016830	carbon-carbon lyase activity	0,013473	TcCLB.503991.39, TcCLB.507081.130
GO:0016531	copper chaperone activity	0,013818	TcCLB.509463.20, TcCLB.510507.29
GO:0004806	triglyceride lipase activity	0,015543	TcCLB.510679.100, TcCLB.511437.30, TcCLB.505615.20, TcCLB.511439.30, TcCLB.507089.210
GO:0003988	acetyl-CoA C-acyltransferase activity	0,016024	TcCLB.509463.30, TcCLB.510507.20
GO:0004838	L-tyrosine:2-oxoglutarate aminotransferase a	0,01599	TcCLB.510795.10, TcCLB.510187.40
GO:0000104	succinate dehydrogenase activity	0,016369	TcCLB.508535.10, TcCLB.503849.60

GO:0004725	protein tyrosine phosphatase activity	0,017904	TcCLB.509205.120, TcCLB.508601.141, TcCLB.508699.120
GO:0048038	quinone binding	0,018438	TcCLB.503893.80, TcCLB.508507.59
GO:0008124	4-alpha-hydroxytetrahydrobiopterin dehydrat	0,021156	TcCLB.511575.10, TcCLB.503613.40
GO:0016857	racemase and epimerase activity, acting on d	0,022608	TcCLB.510667.140, TcCLB.507009.30
GO:0030983	mismatched DNA binding	0,022609	TcCLB.507233.110, TcCLB.509693.209, TcCLB.509967.20, TcCLB.511911.30
GO:0015078	proton transmembrane transporter activity	0,022839	TcCLB.507517.60, TcCLB.503579.70, TcCLB.504131.180, TcCLB.504125.40
GO:0016627	oxidoreductase activity, acting on the CH-CH g	0,026606	TcCLB.511211.70, TcCLB.508975.10, TcCLB.509331.70, TcCLB.504427.70, TcCLB.509153.120
GO:0009922	fatty acid elongase activity	0,02728	TcCLB.511245.130, TcCLB.506661.30
GO:0010309	acireductone dioxygenase [iron(II)-requiring]	0,02738	TcCLB.506629.200, TcCLB.506367.30
GO:0004070	aspartate carbamoyltransferase activity	0,028249	TcCLB.507091.50, TcCLB.511643.30
GO:0016597	amino acid binding	0,028249	TcCLB.507091.50, TcCLB.511643.30
GO:0016743	carboxyl- or carbamoyltransferase activity	0,028249	TcCLB.507091.50, TcCLB.511643.30
GO:0003950	NAD+ ADP-ribosyltransferase activity	0,030152	TcCLB.509721.60, TcCLB.510173.90
GO:0004659	prenyltransferase activity	0,030462	TcCLB.509601.59, TcCLB.509767.59
GO:0008080	N-acetyltransferase activity	0,034181	TcCLB.506177.100, TcCLB.506181.104, TcCLB.511809.120, TcCLB.511811.30
GO:0050660	flavin adenine dinucleotide binding	0,043244	TcCLB.507047.150, TcCLB.509179.100, TcCLB.508837.189, TcCLB.509459.79, TcCLB.509461.10, TcCLB.509589.20, TcCLB.504151.60
GO:0003854	3-beta-hydroxy-delta5-steroid dehydrogenase	0,046043	TcCLB.507993.270, TcCLB.508893.10

GO:0051287	NAD binding	0,061652	TcCLB.508399.10, TcCLB.507869.10, TcCLB.511323.50, TcCLB.506513.190
GO:0016813	hydrolase activity, acting on carbon-nitrogen	0,062881	TcCLB.507031.90, TcCLB.507963.20
GO:0030060	L-malate dehydrogenase activity	0,063652	TcCLB.506937.10, TcCLB.510437.40
GO:0047801	L-cysteine:2-oxoglutarate aminotransferase a	0,063967	TcCLB.503747.10
GO:0052654	L-leucine transaminase activity	0,063967	TcCLB.503747.10
GO:0070548	L-glutamine aminotransferase activity	0,063967	TcCLB.503747.10
GO:0015035	protein disulfide oxidoreductase activity	0,064453	TcCLB.507889.20, TcCLB.503477.10, TcCLB.508265.10
GO:0004427	inorganic diphosphatase activity	0,065941	TcCLB.511385.30, TcCLB.510773.20
GO:0016829	lyase activity	0,066473	TcCLB.507559.80, TcCLB.507669.10
GO:0015238	drug transmembrane transporter activity	0,067571	TcCLB.504069.120, TcCLB.507625.140, TcCLB.507787.50
GO:0003842	1-pyrroline-5-carboxylate dehydrogenase acti	0,075827	TcCLB.510943.50
GO:0003960	NADPH:quinone reductase activity	0,069533	TcCLB.511287.49
GO:0004033	aldo-keto reductase (NADP) activity	0,069533	TcCLB.511287.49
GO:0004340	glucokinase activity	0,073966	TcCLB.510187.100
GO:0004397	histidine ammonia-lyase activity	0,075819	TcCLB.506247.220
GO:0004768	stearoyl-CoA 9-desaturase activity	0,075198	TcCLB.509239.10
GO:0004802	transketolase activity	0,075827	TcCLB.511903.120
GO:0005355	glucose transmembrane transporter activity	0,075824	TcCLB.506355.10
GO:0008289	lipid binding	0,075683	TcCLB.508257.220
GO:0008716	D-alanine-D-alanine ligase activity	0,075789	TcCLB.510347.20
GO:0015189	L-lysine transmembrane transporter activity	0,075538	TcCLB.511545.80
GO:0016153	urocanate hydratase activity	0,075827	TcCLB.504045.110
GO:0016175	superoxide-generating NADPH oxidase activit	0,069533	TcCLB.511287.49
GO:0016841	ammonia-lyase activity	0,075819	TcCLB.506247.220
GO:0016868	intramolecular transferase activity, phosphot	0,070212	TcCLB.508257.70, TcCLB.508569.80
GO:0045148	tripeptide aminopeptidase activity	0,074973	TcCLB.506513.110
GO:0050105	L-gulonolactone oxidase activity	0,075769	TcCLB.509179.100
GO:0070402	NADPH binding	0,069533	TcCLB.511287.49
GO:0004616	phosphogluconate dehydrogenase (decarboxy	0,081394	TcCLB.505807.180, TcCLB.507017.40
GO:0016624	oxidoreductase activity, acting on the aldehyd	0,088165	TcCLB.506853.50, TcCLB.508781.110
GO:0030145	manganese ion binding	0,092028	TcCLB.510655.120, TcCLB.510751.4
GO:0042626	ATPase activity, coupled to transmembrane r	0,096821	TcCLB.508965.14, TcCLB.506417.10, TcCLB.506925.530

# CC Results from goseq.

row.names	term	over.p.value	de.genes.in.cat
GO:0000331	contractile vacuole	1,201E-20	TcCLB.506551.10, TcCLB.508999.260, TcCLB.509965.394, TcCLB.503413.4, TcCLB.509051.20, TcCLB.506563.79, TcCLB.510855.10, TcCLB.503975.100, TcCLB.506247.220, TcCLB.506563.170, TcCLB.507689.30, TcCLB.510679.40, TcCLB.510837.20, TcCLB.507187.9, TcCLB.508999.250, TcCLB.508503.20, TcCLB.503837.10, TcCLB.508535.10, TcCLB.511575.130, TcCLB.506893.100, TcCLB.505945.20, TcCLB.511385.30, TcCLB.510773.20, TcCLB.510943.50, TcCLB.507711.200, TcCLB.509351.10, TcCLB.510101.140, TcCLB.407477.50, TcCLB.508209.100, TcCLB.511151.90, TcCLB.509683.10, TcCLB.506355.10, TcCLB.503887.40, TcCLB.508231.40, TcCLB.506219.40, TcCLB.503899.119.

GO:0016021	integral component of membrane	3,944E-13	TcCLB.510103.24, TcCLB.509713.30, TcCLB.506551.10, TcCLB.506773.50, TcCLB.510811.20, TcCLB.508799.270, TcCLB.509707.10, TcCLB.508065.70, TcCLB.508799.290, TcCLB.509107.9, TcCLB.510605.10, TcCLB.506947.10, TcCLB.508647.180, TcCLB.504137.100, TcCLB.511639.20, TcCLB.511041.40, TcCLB.510069.20, TcCLB.509937.200, TcCLB.510407.30, TcCLB.510877.170, TcCLB.508465.40, TcCLB.509601.59, TcCLB.508689.40, TcCLB.508231.9, TcCLB.508799.150, TcCLB.509799.50, TcCLB.504069.120, TcCLB.508551.39, TcCLB.509767.59, TcCLB.506355.100, TcCLB.508551.30, TcCLB.506355.10, TcCLB.511245.130, TcCLB.424937.10, TcCLB.508965.14, TcCLB.506661.30, TcCLB.506417.10, TcCLB.510659.20, TcCLB.510309.20.
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GO:0005741	mitochondrial outer membrane	1,385E-07	TcCLB.503413.4, TcCLB.503975.100, TcCLB.506399.80, TcCLB.511687.19, TcCLB.508741.229, TcCLB.508737.210, TcCLB.505193.100, TcCLB.509141.40, TcCLB.511687.10, TcCLB.509129.10, TcCLB.511909.50, TcCLB.506467.29, TcCLB.506399.70, TcCLB.508873.420, TcCLB.506791.50, TcCLB.508319.20, TcCLB.511909.60, TcCLB.506941.220, TcCLB.507615.100, TcCLB.508647.110, TcCLB.508461.10, TcCLB.505843.49
GO:0046930	pore complex	6,289E-07	TcCLB.511687.19, TcCLB.508741.229, TcCLB.508737.210, TcCLB.509141.40, TcCLB.511687.10, TcCLB.509129.10
GO:0005779	integral component of peroxisomal membrane	2,064E-06	TcCLB.510669.49, TcCLB.510669.20, TcCLB.508461.570, TcCLB.509203.40, TcCLB.507009.10, TcCLB.511017.50
GO:0031307	integral component of mitochondrial outer membrane	7,423E-06	TcCLB.511687.19, TcCLB.508741.229, TcCLB.508737.210, TcCLB.509141.40, TcCLB.511687.10, TcCLB.509129.10
GO:0070069	cytochrome complex	8,953E-05	TcCLB.508823.70, TcCLB.509721.40, TcCLB.510173.70, TcCLB.506041.50



GO:0005739	mitochondrion	0,0002451	TcCLB.511385.30, TcCLB.504069.20, TcCLB.506989.140, TcCLB.503769.40, TcCLB.503991.39, TcCLB.503811.60, TcCLB.511145.10, TcCLB.507049.60, TcCLB.509233.150, TcCLB.511211.70, TcCLB.509463.30, TcCLB.506337.160, TcCLB.507081.130, TcCLB.508995.60, TcCLB.508029.10, TcCLB.506567.70, TcCLB.510507.20, TcCLB.507009.50, TcCLB.511395.20, TcCLB.506775.100, TcCLB.508027.129, TcCLB.511815.40, TcCLB.503677.20
GO:0020022	acidocalcisome	0,0004841	TcCLB.511687.19, TcCLB.508741.229, TcCLB.508737.210, TcCLB.509141.40, TcCLB.511687.10, TcCLB.509129.10, TcCLB.511385.30, TcCLB.510773.20
GO:0016281	eukaryotic translation initiation factor 4F com	0,0024117	TcCLB.511687.19, TcCLB.508741.229, TcCLB.508737.210, TcCLB.509141.40, TcCLB.511687.10, TcCLB.509129.10, TcCLB.506773.120
GO:0005751	mitochondrial respiratory chain complex IV	0,0052414	TcCLB.506529.360, TcCLB.510889.50
GO:0005758	mitochondrial intermembrane space	0,0055483	TcCLB.509463.20, TcCLB.510507.29, TcCLB.505843.49
GO:0012506	vesicle membrane	0,005744	TcCLB.508441.20, TcCLB.507547.90

GO:0016471	vacuolar proton-transporting V-type ATPase c	0,0095085	TcCLB.510993.10, TcCLB.506375.110
GO:0005743	mitochondrial inner membrane	0,0134922	TcCLB.508823.70, TcCLB.509721.40, TcCLB.506649.50, TcCLB.510173.70
GO:0005829	cytosol	0,0135831	TcCLB.504045.60, TcCLB.503747.10, TcCLB.506629.200, TcCLB.506739.99, TcCLB.511287.49, TcCLB.506593.60, TcCLB.506367.30, TcCLB.509601.90, TcCLB.510819.119, TcCLB.508741.170, TcCLB.506829.80, TcCLB.511823.70, TcCLB.509139.10
GO:0033177	proton-transporting two-sector ATPase compl	0,0192668	TcCLB.507517.60, TcCLB.503579.70, TcCLB.504131.180, TcCLB.504125.40
GO:0031966	mitochondrial membrane	0,0203342	TcCLB.509601.59, TcCLB.509767.59, TcCLB.508601.50
GO:0005747	mitochondrial respiratory chain complex I	0,0344033	TcCLB.506337.160, TcCLB.506989.110, TcCLB.510149.150
GO:0005783	endoplasmic reticulum	0,0447749	TcCLB.509239.10, TcCLB.508257.10, TcCLB.510349.50, TcCLB.503929.79, TcCLB.506405.50, TcCLB.511823.70
GO:0030964	NADH dehydrogenase complex	0,0595221	TcCLB.508601.50
GO:0005886	plasma membrane	0,0664821	TcCLB.511545.80, TcCLB.511385.30, TcCLB.504069.120, TcCLB.506179.5
GO:0020015	glycosome	0,0669905	TcCLB.507047.150, TcCLB.509179.100, TcCLB.510187.100, TcCLB.511385.30, TcCLB.508441.20, TcCLB.507547.90
GO:0030176	integral component of endoplasmic reticulum	0,0841113	TcCLB.511245.130, TcCLB.506661.30

**Supplementary Table 4. Annotated genes corresponding to RNA Binding Proteins identified in the CL Brener genome.**

Gene ID	TriTrypDB anotation	Domain
TcCLB.507711.40	RNA-binding protein	RRM
TcCLB.424123.40		
TcCLB.469785.40	RNA-binding protein	RRM
TcCLB.507025.50		
TcCLB.507025.60	RNA-binding protein	RRM
TcCLB.503419.50	MRB1-associated protein	RRM
TcCLB.509105.90		
TcCLB.503619.20	Hypothetical protein	RRM
TcCLB.511647.40		
TcCLB.503683.11	Double RNA binding domain protein 6A	RRM
TcCLB.509999.140		
TcCLB.503683.30	RNA-binding protein	RRM
TcCLB.509999.120		
TcCLB.509581.50	Hypothetical protein	RRM
TcCLB.503709.10		
TcCLB.508569.90	Hypothetical protein	RRM
TcCLB.503733.50		
TcCLB.503897.90	Hypothetical protein	RRM
TcCLB.509561.110		
TcCLB.507093.63	RNA-binding protein	RRM
TcCLB.503917.7		
TcCLB.507037.20	RNA-binding protein	RRM
TcCLB.508707.80		
TcCLB.508209.39	Hypothetical protein	RRM
TcCLB.503919.30		
TcCLB.509591.50	RNA-binding protein 34	RRM
TcCLB.503999.90		
TcCLB.504005.6	RNA-binding protein	RRM
TcCLB.511481.55		
TcCLB.504071.80	Nuclear cap binding protein	RRM
TcCLB.507089.70	RNA-binding protein	RRM

\*Genes listed after last search for RBPs.

TcCLB.504085.30	RNA-binding protein	RRM
TcCLB.511109.130	Heterogeneous nuclear ribonucleoprotein H/F	RRM
TcCLB.504157.10		
TcCLB.504165.20	Hypothetical protein	RRM
TcCLB.508981.20		
TcCLB.508145.30	RNA-binding protein	RRM
TcCLB.504243.10		
TcCLB.504431.90	U2 small nuclear ribonucleoprotein B	RRM
TcCLB.507951.140		
TcCLB.505007.10	RNA-binding protein	RRM
TcCLB.510007.30		
TcCLB.505165.10	RNA-binding protein	RRM
TcCLB.506399.40	Hypothetical protein	RRM
TcCLB.509243.20		
TcCLB.506425.60	Hypothetical protein	RRM
TcCLB.506565.12	RNA-binding protein	RRM
TcCLB.511837.129		
TcCLB.506565.4	RNA-binding protein	RRM
TcCLB.506565.8	RNA-binding protein	RRM
TcCLB.506625.70	RNA-binding protein	RRM
TcCLB.506649.80	Double RNA binding domain protein 3	RRM
TcCLB.508349.39		
TcCLB.506825.10	Double RNA binding domain protein 12	RRM
TcCLB.506681.10		
TcCLB.506693.30	RNA-binding protein 6	RRM
TcCLB.508153.680		
TcCLB.506795.10	RNA-binding protein	RRM
TcCLB.509937.60		
TcCLB.506797.120	Hypothetical protein	RRM
TcCLB.511907.100		
TcCLB.509167.30	Hypothetical protein	RRM
TcCLB.506831.30		

TcCLB.506925.400	Hypothetical protein	RRM
TcCLB.506989.100	Triple RNA binding domain protein 3	RRM
TcCLB.510149.140		
TcCLB.507093.220	RNA-binding protein	RRM
TcCLB.507093.229	U-rich RNA-binding protein UBP-2	RRM
TcCLB.507093.250	RNA-binding protein	RRM
TcCLB.508213.40	Hypothetical protein	RRM
TcCLB.507515.40		
TcCLB.508213.20	Hypothetical protein	RRM
TcCLB.507515.60		
TcCLB.507611.300	U1A small nuclear ribonucleoprotein	RRM
TcCLB.507723.120		
TcCLB.507873.30	Double RNA binding domain protein 7	RRM
TcCLB.510689.60		
TcCLB.507885.10	RNA-binding protein	RRM
TcCLB.507993.140	RNA-binding protein 29	RRM
TcCLB.511277.580		
TcCLB.508145.10	RNA-binding protein	RRM
TcCLB.508145.20	RNA-binding protein	RRM
TcCLB.510143.80	RNA-binding protein	RRM
TcCLB.508409.270		
TcCLB.510755.120	RNA-binding protein	RRM
TcCLB.508413.50		
TcCLB.508461.320	U5 snRNA-associated splicing factor	RRM
TcCLB.510877.150	Eukaryotic translation initiation factor 3 subunit g	RRM
TcCLB.508689.20		
TcCLB.508837.140	u1 small nuclear ribonucleoprotein 70 kDa	RRM
TcCLB.511383.30		
TcCLB.511277.200	RNA-binding protein	RRM
TcCLB.511367.60	Lupus La protein homolog	RRM
TcCLB.511127.10	RNA-binding protein 5	RRM
TcCLB.511481.70		

TcCLB.508879.80	Hypothetical protein	RRM
TcCLB.424195.9	RNA-binding protein 4	RRM
TcCLB.508901.20		
TcCLB.508989.30	RNA-binding protein	RRM
TcCLB.509569.120		
TcCLB.509965.180	RNA-binding protein	RRM
TcCLB.509053.179		
TcCLB.509055.10	RNA-binding protein	RRM
TcCLB.511621.50	RNA-binding protein	RRM
TcCLB.509317.60		
TcCLB.510507.50	RNA-binding protein	RRM
TcCLB.509461.100		
TcCLB.510105.33	RNA-binding protein	RRM
TcCLB.509715.23		
TcCLB.511741.40	RNA-binding protein	RRM
TcCLB.511517.70		
TcCLB.511727.160	Polypyrimidine tract-binding protein	RRM
TcCLB.511727.190	Hypothetical protein	RRM
TcCLB.511727.270	RNA-binding protein	RRM
TcCLB.511727.290	RNA-binding protein	RRM
TcCLB.511871.110	Hypothetical protein	RRM
TcCLB.511863.20		
TcCLB.511837.138	RNA-binding protein	RRM
TcCLB.510311.50	Hypothetical protein	RRM
TcCLB.510265.40		
TcCLB.510747.80	Double RNA binding domain protein 9	RRM
TcCLB.510657.160		
TcCLB.506435.120	ATP-dependent RNA helicase *	RRM
TcCLB.506265.100		
TcCLB.511003.30	Mitochondrial RNA binding complex 1 subunit *	RRM
TcCLB.503715.10	Splicing factor TSR1, putative *	RRM
TcCLB.509607.30		

TcCLB.511181.70 TcCLB.508299.89	Hypothetical protein, conserved *	RRM
TcCLB.510741.40 TcCLB.510661.230	Hypothetical protein, conserved *	RRM
TcCLB.509167.140 TcCLB.485683.10	RNA-binding protein 42 *	RRM
TcCLB.506885.70 TcCLB.508461.140	Polyadenylate-binding protein 1	RRM/PABP
TcCLB.503989.10 TcCLB.401469.10	Zinc finger protein 2	Zinc Finger
TcCLB.411427.10	Hypothetical protein	Zinc Finger
TcCLB.506859.204 TcCLB.503567.9	Hypothetical protein	Zinc Finger
TcCLB.503577.20 TcCLB.510943.60	U2 splicing auxiliary factor	Zinc Finger
TcCLB.503795.10 TcCLB.506679.10	Hypothetical protein	Zinc Finger
TcCLB.503897.150 TcCLB.509561.39	Hypothetical protein	Zinc Finger
TcCLB.507089.30 TcCLB.504085.70	Zinc finger protein	Zinc Finger
TcCLB.511577.30 TcCLB.504797.110	Hypothetical protein	Zinc Finger
TcCLB.504929.5 TcCLB.507305.40	Zinc finger CCCH domain containing protein 11	Zinc Finger
TcCLB.510295.59	Hypothetical protein	Zinc Finger
TcCLB.510297.10 TcCLB.506009.10	Hypothetical protein	Zinc Finger
TcCLB.506127.20	mRNA export factor MEX67	Zinc Finger
TcCLB.506211.60 TcCLB.508895.60	RNA-binding protein	Zinc Finger
TcCLB.506211.70	RNA-binding protein	Zinc Finger



TcCLB.508895.50	RNA binding protein	Zinc Finger
TcCLB.510101.200	Zinc finger ccch and cchc domain-containing protein	Zinc Finger
TcCLB.506297.130		
TcCLB.506733.140	Hypothetical protein	Zinc Finger
TcCLB.509229.90		
TcCLB.506739.99	Zinc finger (CCCH type) protein	Zinc Finger
TcCLB.510819.119		
TcCLB.510759.100	Hypothetical protein	Zinc Finger
TcCLB.506999.120		
TcCLB.509551.60	Hypothetical protein	Zinc Finger
TcCLB.507007.77		
TcCLB.508271.4	Hypothetical protein	Zinc Finger
TcCLB.506859.80	Hypothetical protein	Zinc Finger
TcCLB.511815.50		
TcCLB.506859.230	Hypothetical protein	Zinc Finger
TcCLB.511817.10		
TcCLB.506859.240	Hypothetical protein	Zinc Finger
TcCLB.511817.20		
TcCLB.510427.10	Hypothetical protein	Zinc Finger
TcCLB.506883.120		
TcCLB.506885.200	Hypothetical protein	Zinc Finger
TcCLB.510729.220		
TcCLB.506885.204	Hypothetical protein	Zinc Finger
TcCLB.510729.210		
TcCLB.506931.4	Hypothetical protein	Zinc Finger
TcCLB.510131.44		
TcCLB.506933.50	Hypothetical protein	Zinc Finger
TcCLB.506945.210	Zinc finger CCCH domain-containing protein 47	Zinc Finger
TcCLB.503453.20	Hypothetical protein	Zinc Finger
TcCLB.506977.110	Hypothetical protein	Zinc Finger
TcCLB.510351.80	Hypothetical protein	Zinc Finger
TcCLB.507601.80		

TcCLB.507625.70 TcCLB.507787.140	Hypothetical protein	Zinc Finger
TcCLB.511867.10 TcCLB.507775.10	Hypothetical protein	Zinc Finger
TcCLB.507831.20 TcCLB.511263.50	Hypothetical protein	Zinc Finger
TcCLB.507831.30 TcCLB.511263.40	Hypothetical protein	Zinc Finger
TcCLB.507831.40 TcCLB.511263.30	Hypothetical protein	Zinc Finger
TcCLB.508215.10 TcCLB.508879.10	Hypothetical protein	Zinc Finger
TcCLB.508241.90 TcCLB.511151.20	Hypothetical protein	Zinc Finger
TcCLB.508357.9 TcCLB.508355.330	Hypothetical protein	Zinc Finger
TcCLB.510143.120 TcCLB.508409.310	Hypothetical protein	Zinc Finger
TcCLB.508693.40	Hypothetical protein	Zinc Finger
TcCLB.508831.66 TcCLB.511671.130	Hypothetical protein	Zinc Finger
TcCLB.509805.240 TcCLB.511267.20	Hypothetical protein	Zinc Finger
TcCLB.509805.230 TcCLB.511267.24	Hypothetical protein	Zinc Finger
TcCLB.511467.4	Hypothetical protein	Zinc Finger
TcCLB.509231.39 TcCLB.509719.69	Hypothetical protein	Zinc Finger
TcCLB.509233.210	Hypothetical protein	Zinc Finger
TcCLB.463297.10 TcCLB.509395.40	Hypothetical protein	Zinc Finger
TcCLB.511039.39	Hypothetical protein	Zinc Finger

TcCLB.509791.90	Hypothetical protein	Zinc Finger
TcCLB.511555.40	cleavage and polyadenylation specificity factor 30 kDa subunit	Zinc Finger
TcCLB.510219.30		
TcCLB.511511.3	Zinc finger protein ZFP1	Zinc Finger
TcCLB.511511.6	Zinc finger protein ZFP1	Zinc Finger
TcCLB.511735.40	Hypothetical protein	Zinc Finger
TcCLB.511521.20		
TcCLB.511735.88	Hypothetical protein	Zinc Finger
TcCLB.511807.130	Hypothetical protein	Zinc Finger
TcCLB.511807.160	Hypothetical protein	Zinc Finger
TcCLB.511867.60	Hypothetical protein	Zinc Finger
TcCLB.507611.398	RNA editing complex protein MP63, putative *	Zinc Finger
TcCLB.506247.30		
TcCLB.506357.69	Hypothetical protein, conserved *	Zinc Finger
TcCLB.511277.39		
TcCLB.506533.70	hypothetical protein, conserved *	Zinc Finger
TcCLB.509395.10		
TcCLB.510149.70	Zinc-finger double-stranded RNA-binding, putative *	Zinc Finger
TcCLB.506989.20		
TcCLB.509443.20	Mitochondrial RNA binding protein 1, putative *	Zinc Finger
TcCLB.507017.140		
TcCLB.510857.40	RNA-editing complex protein, putative *	Zinc Finger
TcCLB.509611.110		
TcCLB.510743.20	Hypothetical protein, conserved *	Zinc Finger
TcCLB.510659.279	Nucleic acid binding protein, putative *	
TcCLB.510687.20	Zinc knuckle, putative *	Zinc Finger
TcCLB.397937.10	Pumilio/PUF RNA binding protein 1	PUF
TcCLB.508625.160		
TcCLB.508787.30	Pumilio/PUF RNA binding protein 3	PUF
TcCLB.468005.9		
TcCLB.503757.30	Hypothetical protein	PUF
TcCLB.503719.39		

TcCLB.506563.10 TcCLB.503869.40	Pumilio/PUF RNA binding protein 9	PUF
TcCLB.506773.130 TcCLB.508799.70	Pumilio-repeat, RNA-binding protein	PUF
TcCLB.508479.120 TcCLB.507049.199	Pumilio/PUF RNA binding protein 8 Pumilio protein	PUF
TcCLB.508577.100 TcCLB.507521.110	Pumilio/PUF RNA binding protein 5	PUF
TcCLB.507831.110 TcCLB.511261.120	Pumilio/PUF RNA binding protein 2	PUF
TcCLB.511715.100 TcCLB.508445.99	Pumilio/PUF RNA binding protein 7	PUF
TcCLB.510073.30 TcCLB.509399.190	Pumilio/PUF RNA binding protein 4	PUF
TcCLB.509759.19 TcCLB.510125.10	Pumilio/PUF RNA binding protein 1 Pumilio/PUF RNA binding protein 6	PUF
TcCLB.510121.110	Hypothetical protein, conserved *	PUF
TcCLB.506605.100 TcCLB.511239.90	Hypothetical protein *	KH
TcCLB.506625.200	Ribosomal RNA processing protein 40, putative *	KH
TcCLB.510595.20 TcCLB.507895.150	KH domain, putative *	KH
TcCLB.510167.29 TcCLB.508859.109	Ribosomal RNA processing protein 4, putative *	KH
TcCLB.508717.40 TcCLB.504079.10	Branch point binding protein, putative *	KH
TcCLB.506943.120 TcCLB.509065.130	Hypothetical protein, conserved *	KH
TcCLB.507011.50 TcCLB.507005.70	Pre-rRNA-processing protein PNO1, putative *	KH
TcCLB.504089.60 TcCLB.504001.10	Hypothetical protein	Alba

TcCLB.504089.70	Hypothetical protein	Alba
TcCLB.504001.20		
TcCLB.510877.30	Hypothetical protein	Alba
TcCLB.510877.40	Hypothetical protein	Alba
TcCLB.508489.20	SAM domain (Sterile alpha motif), putative *	SAM
TcCLB.511495.20		
TcCLB.511517.140	Hypothetical protein *	SAM
TcCLB.506743.4	Eukaryotic translation initiation factor 1A, putative *	S1
TcCLB.503945.10		
TcCLB.511367.240	PIWI-like protein *	PIWI

**Supplementary Table 5. Differentially expressed (DE) RBP genes in CL Brener epimastigotes compared to tissue culture derived trypomastigotes and amastigotes**

up\_rbp\_epi\_tryp

Gene_ID	log2FoldChange	padj	Product.Description	baseMean
TcCLB.506739.99	3,375343804		0 zinc finger (CCCH type) protein, putative	2185,865298
TcCLB.511367.240	3,094115105	1,76E-216	PIWI-like protein	662,1385698
TcCLB.506931.4	3,083180798	1,44E-209	hypothetical protein, conserved	617,9904423
TcCLB.510131.44	2,256998567	1,17E-103	hypothetical protein, conserved	397,3848663
TcCLB.506885.204	1,98029734	1,02E-85	hypothetical protein, conserved	1315,025274
TcCLB.510819.119	1,862887088	1,11E-62	zinc finger (CCCH type) protein, putative	441,074966
TcCLB.511817.20	1,661164991	4,14E-49	hypothetical protein, conserved	742,5119723
TcCLB.511727.190	1,552708525	5,67E-55	hypothetical protein, conserved	860,4491512
TcCLB.510729.210	1,536519579	1,34E-49	hypothetical protein, conserved	1238,25649
TcCLB.503683.11	1,501644083	6,45E-12	Double RNA binding domain protein 6A	68,19733144
TcCLB.509999.140	1,38211067	1,59E-10	Double RNA binding domain protein 6A	62,34236312
TcCLB.509167.140	1,321968923	3,89E-26	RNA-binding protein 42 (RNA-binding motif protein 42), putative	2566,66086
TcCLB.503715.10	1,300663146	9,67E-46	splicing factor TSR1, putative	651,4772317
TcCLB.507831.20	1,286588075	0,00336573	hypothetical protein, conserved	12,04852544
TcCLB.504001.10	1,163342264	1,68E-39	hypothetical protein, conserved	731,256651
TcCLB.507521.110	1,145254164	1,79E-24	pumilio/PUF RNA binding protein 5, putative	590,9808113
TcCLB.508981.20	1,145006263	1,48E-13	hypothetical protein, conserved	131,5808328
TcCLB.504089.60	1,135679874	2,10E-29	hypothetical protein, conserved	640,3714296
TcCLB.510759.100	1,130248597	8,25E-30	NLI interacting factor-like phosphatase, putative	662,9663541
TcCLB.507093.220	1,130099204	3,85E-27	RNA-binding protein UBP1, putative	683,4398677
TcCLB.509551.60	1,113536142	1,01E-11	hypothetical protein, conserved	149,8472427
TcCLB.397937.10	1,09134651	2,14E-17	pumilio/PUF RNA binding protein 1, putative	280,5579971
TcCLB.511239.90	1,040458085	1,00E-17	hypothetical protein	423,8807767
TcCLB.506925.400	1,02489769	9,29E-26	hypothetical protein, conserved	469,9322563
TcCLB.506859.240	1,023027367	0,00015803	hypothetical protein, conserved	44,00844484
TcCLB.511727.270	1,02004571	1,24E-40	RNA-binding protein, putative	4671,643903
TcCLB.504001.20	1,017585967	1,31E-20	hypothetical protein, conserved	548,2993083
TcCLB.511109.130	1,015023714	2,91E-19	heterogeneous nuclear ribonucleoprotein H/F, putative	440,8719704
TcCLB.507873.30	1,002368453	7,12E-25	Double RNA binding domain protein 7	555,3921937

up\_rbp\_epi\_ama

Gene_ID	log2FoldChange	padj	Product.Description	baseMean
TcCLB.511367.240	3,606306398	1,08E-122	PIWI-like protein	662,1385698
TcCLB.506931.4	2,968390566	1,33E-105	hypothetical protein, conserved	617,9904423
TcCLB.503683.11	2,940718444	4,86E-13	Double RNA binding domain protein 6A	68,19733144
TcCLB.507831.20	2,920879201	0,00309465	hypothetical protein, conserved	12,04852544
TcCLB.506739.99	2,903661541	2,08E-223	zinc finger (CCCH type) protein, putative	2185,865298
TcCLB.509999.140	2,736095578	7,98E-12	Double RNA binding domain protein 6A	62,34236312
TcCLB.510131.44	2,667522511	1,89E-66	hypothetical protein, conserved	397,3848663
TcCLB.511817.20	2,318963286	3,51E-69	hypothetical protein, conserved	742,5119723
TcCLB.511807.130	2,24141306	5,70E-08	hypothetical protein, conserved	52,31017629
TcCLB.506825.10	1,899025256	0,00718	Double RNA binding domain protein 12	17,10971309
TcCLB.511109.130	1,531304738	5,19E-29	heterogeneous nuclear ribonucleoprotein H/F, putative	440,8719704
TcCLB.506859.240	1,394223886	0,00031145	hypothetical protein, conserved	44,00844484
TcCLB.510819.119	1,373311199	1,01E-26	zinc finger (CCCH type) protein, putative	441,074966
TcCLB.511815.50	1,149067182	6,19E-32	hypothetical protein, conserved	798,3011834
TcCLB.503683.30	1,115764285	3,95E-05	RNA-binding protein, putative	94,27632534
TcCLB.504797.110	1,052741502	9,44E-21	hypothetical protein, conserved	528,7644126
TcCLB.504157.10	1,0340873	7,50E-14	heterogeneous nuclear ribonucleoprotein H/F, putative	513,665032



down\_rbp\_epi\_tryp

Gene_ID	log2FoldChange	padj	Product.Description	baseMean
TcCLB.504929.5	-4,218970659	1,17E-13	zinc finger CCCH domain containing protein 11	738,8239859
TcCLB.511127.10	-3,731845286	8,08E-14	RNA-binding protein 5, putative	18,64229074
TcCLB.507305.40	-3,546565836	8,05E-09	zinc finger CCCH domain containing protein 11	395,5125914
TcCLB.511511.6	-2,772415292	2,76E-18	zinc finger protein ZFP1	69,81133245
TcCLB.503709.10	-2,166808655	1,83E-10	hypothetical protein	30,10067699
TcCLB.508145.30	-1,582651619	1,03E-09	RNA-binding protein, putative	43,77587004
TcCLB.506859.230	-1,501176104	0,00222551	hypothetical protein, conserved	20,91041858
TcCLB.508153.680	-1,464377286	8,19E-12	RNA-binding protein 6, putative	64,02849288
TcCLB.508409.310	-1,247622136	2,54E-23	hypothetical protein, conserved	335,900361
TcCLB.503795.10	-1,235074829	4,56E-05	hypothetical protein, conserved	28,78739941
TcCLB.511867.10	-1,231511545	7,10E-32	hypothetical protein, conserved	494,1776714
TcCLB.506693.30	-1,222264095	0,00049099	RNA-binding protein 6, putative	23,05838598
TcCLB.463297.10	-1,209880482	7,27E-07	hypothetical protein (fragment)	52,56989367
TcCLB.509395.40	-1,101937442	2,52E-14	hypothetical protein, conserved	617,1306421
TcCLB.503989.10	-1,080798934	2,74E-25	zinc finger protein 2, putative	514,1393144
TcCLB.504005.6	-1,070280763	4,31E-11	RNA-binding protein, putative	229,6842293
TcCLB.411427.10	-1,057410862	1,67E-06	hypothetical protein, conserved	78,4964516
TcCLB.401469.10	-1,02771079	1,84E-22	zinc finger protein 2, putative	464,84793

down\_rbp\_epi\_ama

Gene_ID	log2FoldChange	padj	Product.Description
TcCLB.507025.50	-2,563453339	1,27E-45	RNA-binding protein, putative
TcCLB.469785.40	-2,501442805	1,32E-63	RNA-binding protein, putative
TcCLB.507305.40	-1,915652352	0,00116426	zinc finger CCCH domain containing protein 11
TcCLB.504005.6	-1,914949264	1,83E-32	RNA-binding protein, putative
TcCLB.507025.60	-1,715049643	1,24E-08	RNA-binding protein, putative
TcCLB.506859.230	-1,633861682	0,00251421	hypothetical protein, conserved
TcCLB.511481.55	-1,3748801	6,41E-17	RNA-binding protein, putative
TcCLB.503709.10	-1,316430723	0,00257097	hypothetical protein
TcCLB.504929.5	-1,209683928	0,03393288	zinc finger CCCH domain containing protein 11
TcCLB.503733.50	-1,138418607	1,81E-14	hypothetical protein, conserved (pseudogene)
TcCLB.504089.70	-1,082636199	1,08E-16	hypothetical protein, conserved
TcCLB.508145.30	-1,041068597	0,00211606	RNA-binding protein, putative
TcCLB.510743.20	-1,01179592	1,13E-10	hypothetical protein, conserved
TcCLB.507895.150	-1,008790555	4,92E-11	KH domain/Domain of unknown function (DUF1771)/Smr domain containing protein, putative

**Supplementary Table 6. Complete list of DE genes in TcZC3H12 KO cell lines compared to wild type parasites.**

up\_ko\_vs\_wt

gid_1	deseq_logfc_	deseq_adj_p_3	annotcdslength	strand_5	annotgeneproduct_6
TcCLB.507485.45	1,849	0,003069	540.0	-	Amastin surface glycoprotein, putative
TcCLB.508821.60	1,644	0,004139	288.0	-	hypothetical protein, conserved
TcCLB.511635.69	1,566	0,0004775	291.0	-	hypothetical protein, conserved
TcCLB.506469.110	1,524	0,01097	807.0	+	hypothetical protein
TcCLB.407477.44	1,496	0,02174	366.0	+	hypothetical protein, conserved
TcCLB.509367.15	1,481	0,00006752	798.0	-	tryptophanyl-tRNA synthetase (pseudogene), putative
TcCLB.510131.40	1,445	8,728E-13	936.0	+	haloacid dehalogenase-like hydrolase, putative
TcCLB.510691.70	1,442	0,00003615	663.0	-	hypothetical protein, conserved
TcCLB.504625.74	1,381	0,0000393	291.0	-	hypothetical protein, conserved
TcCLB.506893.80	1,365	0,0002498	564.0	+	monothiol glutaredoxin, putative
TcCLB.511413.11	1,335	0,02164	3207.0	+	hypothetical protein, conserved (pseudogene)
TcCLB.507851.40	1,318	2,219E-08	618.0	+	hypothetical protein, conserved
TcCLB.506627.100	1,299	0,0001155	537.0	+	hypothetical protein, conserved
TcCLB.507297.30	1,276	0,01201	1077.0	-	metacaspase, putative
TcCLB.508537.10	1,265	0,001118	741.0	-	glyceraldehyde 3-phosphate dehydrogenase, cytosolic, putative
TcCLB.506871.50	1,218	0,005482	1317.0	-	ubiquitin hydrolase, putative
TcCLB.511037.20	1,188	6,704E-20	1563.0	+	L-2-hydroxyglutarate dehydrogenase, mitochondrial, putative
TcCLB.506857.40	1,162	0,02095	1164.0	-	hypothetical protein, conserved
TcCLB.506867.10	1,157	0,009843	1368.0	-	endonuclease G, putative
TcCLB.510609.65	1,134	0,04723	300.0	+	u6 snrna-associated sm-like protein lsm3
TcCLB.503617.15	1,133	0,04943	492.0	+	u6 snrna-associated sm-like protein lsm3
TcCLB.511751.166	1,124	0,00804	990.0	+	Putative papain-like cysteine peptidase (DUF1796), putative
TcCLB.508727.30	1,119	0,000621	990.0	+	TIGR00269 family protein, putative
TcCLB.509769.66	1,107	0,00001501	399.0	+	hypothetical protein, conserved
TcCLB.503809.75	1,102	0,008929	396.0	-	hypothetical protein, conserved
TcCLB.503639.30	1,101	0,001456	2274.0	+	hypothetical protein, conserved
TcCLB.507639.100	1,092	0,008613	1011.0	-	phosphatidylinositol N-acetylglucosaminyltransferase subunit C, putative
TcCLB.510181.150	1,09	0,0000324	567.0	+	caltractin, putative
TcCLB.510105.150	1,077	0,0001436	798.0	-	methyltransferase domain containing protein, putative
TcCLB.511733.60	1,066	0,01953	1059.0	-	hypothetical protein, conserved
TcCLB.507517.30	1,062	0,02322	981.0	+	hypothetical protein, conserved
TcCLB.506649.64	1,058	0,01542	480.0	-	hypothetical protein, conserved

TcCLB.506247.300	1,057	1,859E-11	471.0	+	hypothetical protein, conserved
TcCLB.508539.20	1,056	0,01577	501.0	+	MICOS complex subunit MIC17, putative
TcCLB.510357.120	1,053	0,04723	648.0	-	hypothetical protein, conserved
TcCLB.506369.30	1,052	0,02532	1287.0	-	JmjC domain, hydroxylase, putative
TcCLB.511165.50	1,047	0,00983	486.0	-	PA domain containing protein, putative
TcCLB.504171.40	1,046	7,404E-09	498.0	+	Mechanosensitive ion channel MscS, putative
TcCLB.506251.20	1,044	0,000621	1044.0	+	hypothetical protein, conserved
TcCLB.509179.120	1,043	0,01542	384.0	-	hypothetical protein, conserved
TcCLB.511705.20	1,04	0,008227	840.0	+	putative prolyl carboxypeptidase, putative
TcCLB.508479.5	1,037	0,03761	960.0	+	glycine dehydrogenase (pseudogene), putative
TcCLB.510357.60	1,037	0,03692	390.0	-	hypothetical protein, conserved
TcCLB.504103.6	1,035	0,00201	591.0	+	non-canonical purine NTP pyrophosphatase, RdgB/HAM1 family, putative
TcCLB.506247.420	1,035	0,004554	948.0	+	hypothetical protein, conserved
TcCLB.510409.60	1,033	0,04584	1479.0	+	hypothetical protein, conserved
TcCLB.508355.20	1,027	0,02971	486.0	+	hypothetical protein, conserved
TcCLB.506247.355	1,025	0,01293	738.0	+	hypothetical protein, conserved
TcCLB.506925.420	1,022	0,0005952	624.0	+	hypothetical protein, conserved
TcCLB.503811.45	1,018	0,02128	456.0	-	hypothetical protein, conserved
TcCLB.509065.36	1,016	0,03211	414.0	-	hypothetical protein, conserved
TcCLB.508409.190	1,013	0,03462	825.0	-	FHA domain containing protein, putative
TcCLB.509167.170	1,01	0,01127	981.0	-	tRNA (Guanine-1)-methyltransferase, putative
TcCLB.507795.40	1,003	0,03763	306.0	-	hypothetical protein, conserved

down\_ko\_vs\_wt

gid_1	deseq_logfc_2	deseq_adj_p_3	annotcdslength_4	strand_5	annotgeneproduct_6
TcCLB.506153.20	-2,13	0,0001284	1137.0	-	amino acid transporter, putative
TcCLB.506053.10	-1,883	1,855E-10	1347.0	-	amino acid transporter, putative
TcCLB.503733.80	-1,864	4,775E-20	6555.0	-	hypothetical protein, conserved
TcCLB.504173.40	-1,849	0,000001952	852.0	+	hypothetical protein
TcCLB.506153.10	-1,787	3,209E-08	1347.0	-	amino acid transporter, putative
TcCLB.506825.40	-1,663	0,001118	1548.0	+	hypothetical protein, conserved
TcCLB.504173.60	-1,509	1,737E-08	2664.0	+	RING-variant domain containing protein, putative
TcCLB.507659.30	-1,352	0,02282	1032.0	+	amino acid transporter, putative (fragment)
TcCLB.507659.10	-1,27	0,00007976	843.0	+	hypothetical protein, conserved
TcCLB.504165.10	-1,199	0,004981	1014.0	+	hypothetical protein, conserved
TcCLB.511185.150	-1,196	0,02546	6741.0	+	hypothetical protein, conserved (pseudogene)
TcCLB.509645.30	-1,192	0,02397	1074.0	+	hypothetical protein, conserved
TcCLB.509701.10	-1,166	0,001913	2064.0	+	trifunctional enzyme alpha subunit, mitochondrial precursor-like protein, putative
TcCLB.506551.10	-1,142	3,03E-12	1854.0	-	protein associated with differentiation 8, putative
TcCLB.408573.9	-1,103	0,0376	1587.0	+	hypothetical protein, conserved (fragment)
TcCLB.510519.40	-1,096	0,008874	1581.0	-	protein kinase PK4, putative
TcCLB.506863.40	-1,092	0,01341	945.0	+	hypothetical protein, conserved
TcCLB.506717.219	-1,089	0,03981	1956.0	+	GMP synthase (pseudogene), putative
TcCLB.508799.270	-1,049	4,461E-08	1797.0	-	protein associated with differentiation 8, putative
TcCLB.506401.330	-1,038	0,01513	987.0	-	hypothetical protein, conserved

<b>genotype_7</b>	<b>chromosome_8</b>	<b>start_9</b>	<b>end_10</b>
protein coding	TcChr12-P	453869	455005
protein coding	TcChr12-P	456634	457980
protein coding	TcChr19-P	257683	264237
protein coding	TcChr31-P	428037	428888
protein coding	TcChr12-P	451352	452698
protein coding	TcChr27-S	674103	675650
protein coding	TcChr31-P	432562	435225
protein coding	TcChr31-P	443612	444643
protein coding	TcChr31-P	438860	439702
protein coding	TcChr29-S	99563	100576
protein coding	Tcruzi_8618	37483	44223
protein coding	TcChr37-S	1009684	1010757
protein coding	TcChr29-S	101482	103545
protein coding	TcChr27-S	202017	203870
protein coding	TcChr24-S	309217	310804
protein coding	TcChr10-P	431538	433118
protein coding	TcChr13-S	434392	435336
protein coding	TcChr2-S	146096	148053
protein coding	TcChr27-P	214056	215852
protein coding	TcChr19-S	380382	381368

**Supplementary Table 7. Primer sequences**

<b>Primer</b>	<b>Sequence</b>
For_TcZC3H12_Xbal	5'tctagaATGCCCAAGGCCAACAAAG'3
Rev_TcZC3H12::HA_XhoI	5'ctcgagT <u>TAAGCGTAATCTGGTACGTCGTATGGGTATT</u> CG TAATATGTAGAGAGAG'3
For_5'KO_TcZC3H12_HindIII	5'aagcttGGAGAACTTAAGGCATTCAT3'
Rev_5'KO_TcZC3H12_SacI	5'gagctcCGTTCAGAGAACTCTCTG3'
For_3'KO_TcZC3H12_XhoI	5'ctcgagGAGTTGTTGGGTTTGAGC3'
Rev_3'KO_TcZC3H12_Xbal	5'tctagaCCTGTAGGAAAGCAAAGCCG3'
sgTcZC3H12	5'GGAGGCCGGAGAATTGTAATACGACTCACTATAGGACT TCCGTGTTGGACTGAGTCGTTTTAGTACTCTGGAAACAG AATC3'
sgSpCas9_REV	5'AAAAAAGCACCGACTCGGGCCACTT3'
For_TcZC3H12	5'AACTCGCGTTACAAGGAGGG3'
Rev_TcZC3H12	5'TCTCCCCCGTAAACCGACCT3'
For_RPL9_qPCR	5'TGACAACTCGACCATCAACA3'
Rev_RPL9_qPCR	5'GGCGAAGCGAATCTTAAAC3'
For_TcZC3H12_qPCR	5'GGCGAAGCGAATCTTAAAC3'
Rev_TcZC3H12_qPCR	5'GGCCTCACGCTCATCTAGTC3'
For_PAD_qPCR	5'GGTGGAGACGGACGTCGA3'
Rev_PAD_qPCR	5'TAGACAAAGCTGGCGTTG3'
For_transporter_qPCR	5'CTGCTGGGCAGCTTCTGT3'
Rev_transporter_qPCR	5'GACAACCGCAACCACACCAG3'
For_Neo	5'CGACCCTGCAGCCAATATGGGATCG3'
Rev_Neo	5'TCAGAAGAAGCTCGTCAAGAAGGCG3'
For_Higro	5'ATGAAAAAGCCTGAACTCACCGC3'
For_CDS_PAD	5'ATGACCGGCGAACAATTTG3'
Rev_CDS_PAD	5'TTACGGACGTGCCACCTT3'
For_CDS_GAPDH	5'ATGCCCATCAAGGTCGGTATC3'
Rev_CDS_GAPDH	5'CTACAACCTTGCCGAACGATC3'

\*Lowercase letters indicate enzymes restriction sites

\*Underlined letters represent HA epitope