Supplementary Information

ECPAS/Ecm29-Mediated 26S Proteasome Disassembly Is an Adaptive Response to Glucose Starvation

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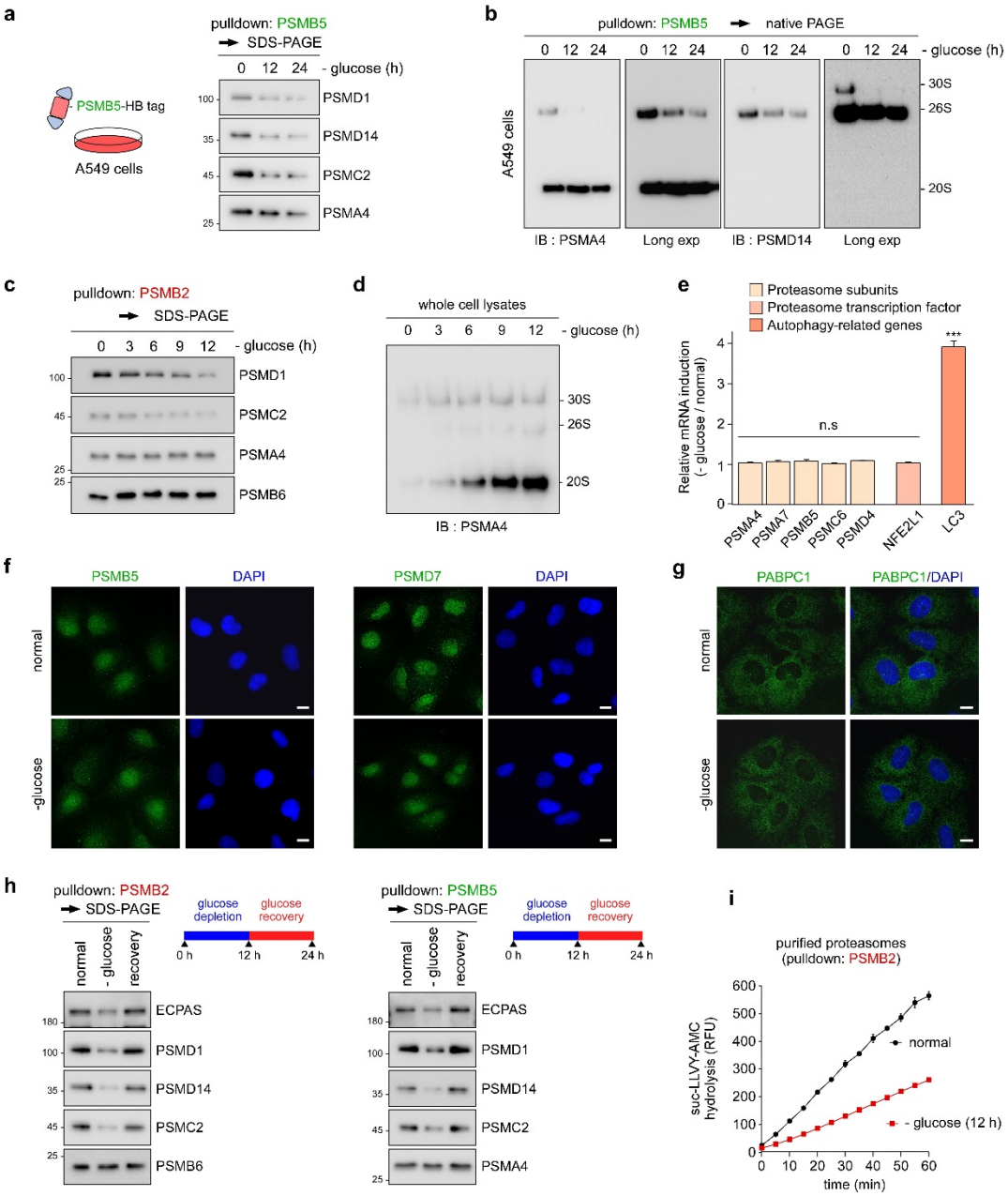
Supplementary Table 1

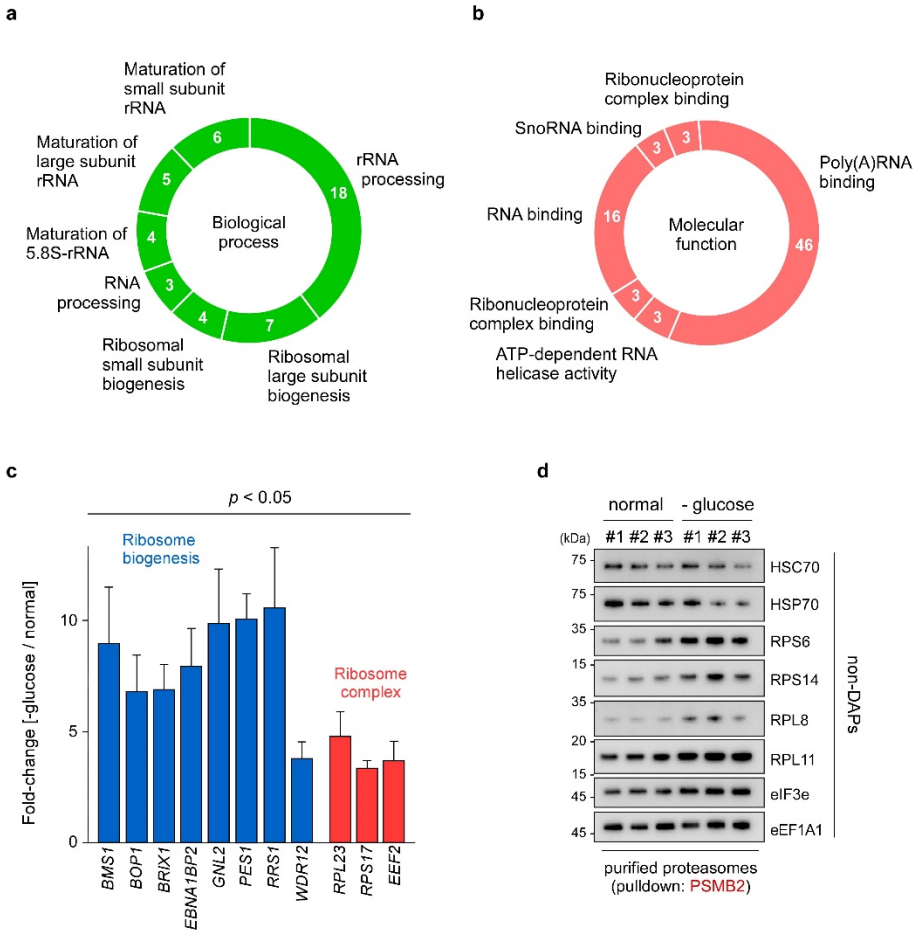
SUPPLEMENTARY FIGURES



Supplementary figure 1. Glucose depletion leads to the dissociation of intracellular 26S/30S proteasomes into 20S and 19S subcomplexes

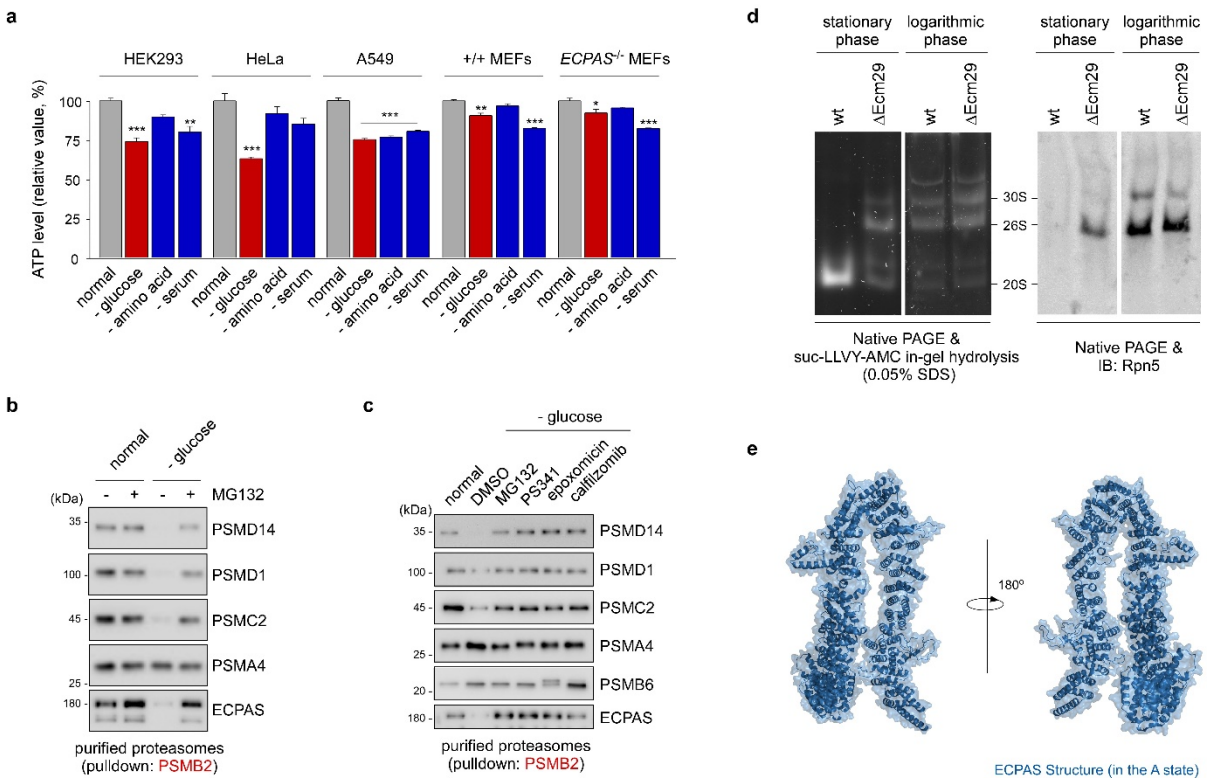
(**a**) PSMB5-HB proteasomes were affinity-purified from A549-PSMB5-HB stable cells, which were glucose-deprived for the indicated periods (0, 12, and 24 h), and were subjected to SDS-PAGE and immunoblotting (IB) using antibodies against 20S and 19S subunits. (**b**) As in (a),

except that the purified proteasomes were resolved using non-denaturing (native) PAGE with subsequent IB; blots were probed for PSMA4 or PSMD14. (**c**) HEK293-PSMB2-HB cells were cultured in glucose-depleted media for indicated time periods (0 to 12 h), and the proteasome subunit levels in purified proteasomes were analyzed by SDS-PAGE/IB. (**d**) As in (c), except that the whole-cell lysates (WCLs) were analyzed using native PAGE/IB. (**e**) A549 cells were cultured in glucose-depleted media for 12 h, total RNA was isolated, and proteasome subunit genes (*PSMA4, PSMA7, PSMB5, PSMC6,* and *PSMD4*), a transcription factor of proteasome biogenesis (*NFE2L1*), and an autophagy-related gene (*LC3*) were analyzed by quantitative reverse transcription-polymerase chain reaction (qRT-PCR). *GAPDH* mRNA levels were used to normalize the results. Values are represented as the mean ± s.d. of three independent experiments (N = 3); ***$p < 0.001$ (one-way analysis of variance (ANOVA) with Bonferroni's multiple comparison test). n.s., not significant. (**f**) Representative images of A549 cells treated with glucose-depleted media for 12 h. Immunofluorescence staining with anti-PSMB5 (*left*) or anti-PSMD7 (*right*) antibodies (green). Nuclei were counter-stained with DAPI (blue). (**g**) As in (f), except that poly(A) binding protein cytoplasmic 1 (PABPC1/PABP1) was immunostained as a marker of stress granules (**h**) (*left*) HEK293-PSMB2-HB cells were cultured in glucose-depleted media for 12 h and re-incubated with normal (glucose-containing) media for an additional 12 h. Purified PSMB2-HB proteasomes were subjected to native PAGE/IB. (*right*) The same experiments were performed with A549-PSMB5-HB stable cells. Considering that there was no induction of proteasome subunits and NFE2L1/Nrf1 genes during glucose starvation, as shown in panel (e), these results strongly suggest that the reconstitution of 26S proteasomes might be the reassembly of pre-existing 20S and 19S subcomplexes, instead of *de novo* synthesized 26S proteasomes. (**i**) Proteasome activity was measured using suc-LLVY-AMC and purified PSMB2-HB proteasomes under normal and glucose-depleted (for 12 h) conditions. These data supplement Figure 1.



Supplementary figure 2. Gene ontology (GO) enrichment of the differentially associated proteins (DAPs), which were more strongly bound to the purified proteasome during glucose starvation

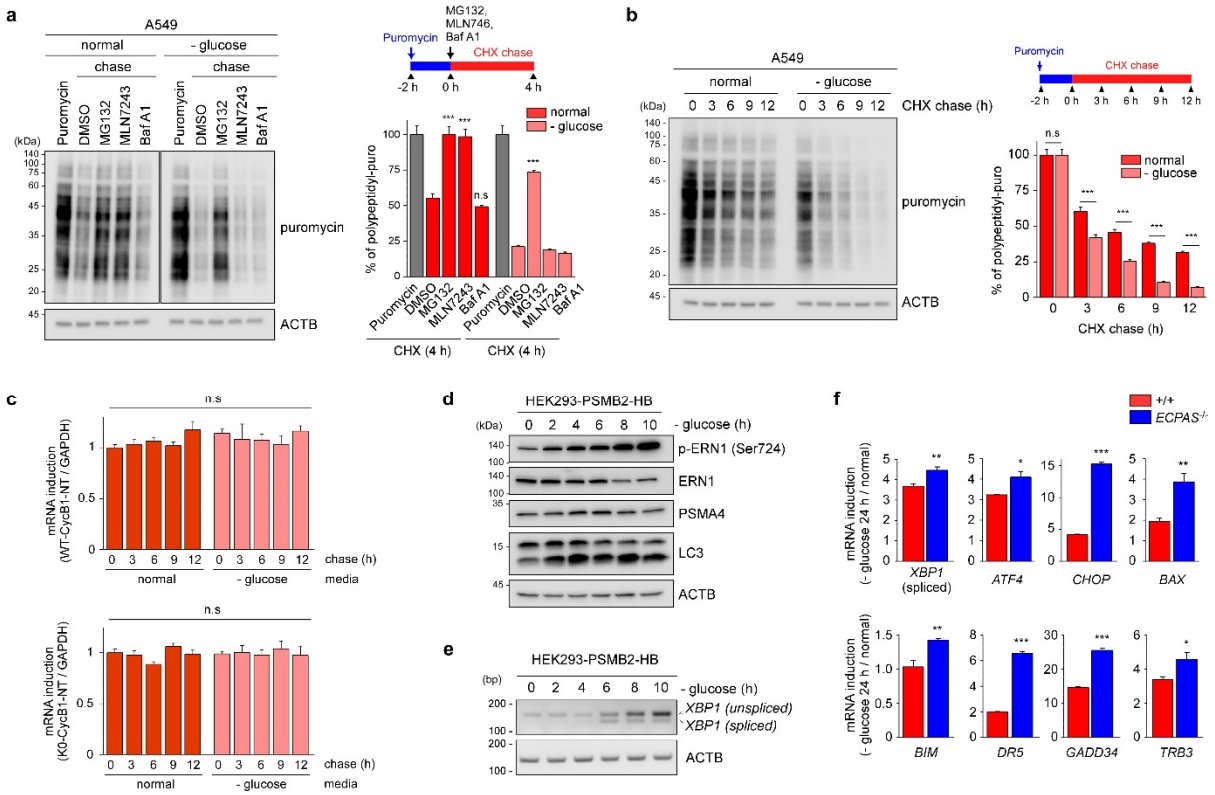
(**a** and **b**) Classification of increased DAPs by GO analysis by DAVID functional annotation tool. The important biological processes (**a**) and molecular functions (**b**) were enriched, and the count numbers are displayed. Note that the majority of increased DAPs are involved in ribosome biogenesis and rRNA processing. (**c**) Quantification of fold-changes in the increased DAPs, which are ribosome subunits or involved in ribosome biogenesis. Data represent mean ± s.d (N = 3). $p < 0.05$ (one-way ANOVA with Bonferroni's multiple comparison test). (**d**) Examination of non-DAPs, whose levels were changed less than 2-fold from the iBAQ-MS analysis using IB analysis. These data supplement Figure 2.



Supplementary figure 3. Changes in cellular ATP levels and yeast 26S proteasomes during nutrient deprivation

(**a**) Nutrient deprivation had modest effects on intracellular ATP levels. HEK293, HeLa, A549, wild-type (+/+), and *ECPAS*$^{-/-}$ mouse embryonic fibroblasts (MEFs) were cultured in nutrient-restricted (glucose-free, amino acid-free, and serum-free) media for 12 h, and cellular ATP concentrations were measured using the bioluminescent assay (based on ATP-dependent luciferin-luciferase reactions). Data are presented as the mean ± s.d. (N = 3); *$p < 0.05$, **$p < 0.01$, ***$p < 0.001$ (one-way ANOVA with Bonferroni's multiple comparison test). (**b**) Inhibition of 20S-19S disassembly by MG132 (5 μM) in HEK293-PSMB2-HB stable cells. Affinity purified PSMB2-HB proteasomes were analyzed by SDS-PAGE/IB. (**c**) Cells treated with both reversible (MG132 and PS-341) and irreversible (epoxomicin and carfilzomib) proteasome inhibitors were analyzed as described in (b). (**d**) Yeast proteasomes were purified in stationary or logarithmic phase cultures, separated by native PAGE, and visualized by suc-

LLVY-AMC in-gel hydrolysis in the presence of 0.05% SDS (*left*). After the in-gel activity assay, the gel was transferred to a PVDF membrane and subjected to IB against yeast Rpn5 (*right*). (**e**) A predicted structure (ribbon diagram) of ECPAS by AlphaFold (UniProt ID: Q5VYK3). These data supplement Figure 3.



Supplementary figure 4. Misfolded protein degradation and ER stress in glucose-depleted cells

(**a** and **b**) As in Figures 4a and 4b, except that the puromycin-labeling and monitoring of polypeptidyl-puro species under various conditions were conducted with A549 cells. (*right panels*) Quantification of polypeptidyl-puro levels, which were normalized to endogenous ACTB/β-actin levels. Data represent the average percentage of remaining polypeptidyl-puro (mean ± s.d) of three independent experiments (N = 3), *** $p < 0.001$ (one-way ANOVA followed by the Bonferroni *post hoc* test). (**c**) Total RNA was isolated from the WT- and K0-CycB1-NT-transfected HEK293 cells after glucose starvation for 12 h. Quantitative RT-PCR was conducted using primers specific for either WT or K0-CycB-NT. mRNA levels were normalized to levels of the *GAPDH* gene. The plotted values are means ± s.d. of three independent experiments. n.s., not significant. (**d**) HEK293-PSMB2-HB cells were cultured in glucose-depleted media for indicated time periods (0 to 10 h). WCLs were separated using

SDS-PAGE with subsequent IB; blots were probed for ERN1/IRE1, p-ERN1/p-IRE1 (Ser 724), α3, LC3, and ACTB/β-actin. (**e**) As in (a), except that mRNA levels of endogenous unspliced *XBP1*, spliced *XBP1,* and *ACTB* from HEK-2930PSMB-HB cells were measured by RT-PCR analysis. (**f**) Total RNA was isolated from +/+ and *ECPAS*$^{-/-}$ MEFs after 24 h of glucose starvation and subjected to quantitative RT-PCR for various unfolded protein response (UPR)-target genes. Data are presented as the means ± s.d. of three independent experiments (N = 3). *, $p < 0.01$ (one-way ANOVA with Bonferroni's multiple comparison test). These data supplement Figure 4.

Supplementary Table S1. (**a**) All the proteins identified by iBAQ-MS. (**b**) Normalized quantities of the identified proteins based on the levels of the PSMB2 subunit. (**c**) Decreased DAPs after glucose depletion. (**d**) Increased DAPs after glucose depletion.

Table S1. Total identified proteins_raw value

Protein IDs	Protein names	Gene names	Normal #1	Normal #2	Normal #3	glucose-free #1	glucose-free #2	glucose-free #3
Protein IDs	Protein names	Gene names	iBAQ normal_1	iBAQ normal_2	iBAQ normal_3	iBAQ glucose_1	iBAQ glucose_2	iBAQ glucose_3
A0A006;P49721	Proteasome subunit beta type-2	PSMB2	1786200000	955300000	1094900000	930150000	746610000	513550000
A0A007;C00487	26S proteasome non-ATPase regulatory subunit 14	PSMD14	167660000	109360000	157580000	12167000	15719000	11199000
A0A024R7W5;A0A087X0Q1;A0A087WY31;Q7Z739;Q9BYJ9	YTH domain-containing family protein 3;YTH domain-containing family protein 1	YTHDF3;YTHDF1	0	97333	729690	638420	1127300	130560
A0A075B6E5;Q8N887-3;Q8N857-2;Q8N857;Q9UI08	Protein enabled homolog;Ena/VASP-like protein	ENAH;EVL	837600	419790	915900	0	0	0
H0YN88;A0A075B716;P0CW22;P08708;H0YN73;H3BNC9;REV__F8WFC6;REV__Q9H0B9	40S ribosomal protein S17-like;40S ribosomal protein S17	RPS17;RPS17L	143830000	41132000	92972000	178520000	203500000	122940000
A0A087WSW7;F6XU50;Q9NRZ9-6;Q9NRZ9-5;Q9NRZ9-4;Q9NRZ9-3;Q9NRZ9-2;Q9NRZ9;Q9NW36	Lymphoid-specific helicase	HELLS	281370	200590	133060	47713	85911	112330
E2QRB9;E9PIR7;F8W809;A0A087WSW9;E9PNQ6;A0A087WSY9;Q16881-7;Q16881-5;Q16881-2;Q16881-4;Q16881-3;Q16881-6;Q16881	Thioredoxin reductase 1, cytoplasmic	TXNRD1	0	112980	213270	0	0	0
A0A087WT58		MRCH2A	110190	61609	51313	0	0	0
A0A087WTP3;Q92945;M0R0I5;M0QXW7;M0QYH3;M0QYG1;M0R0C6	Far upstream element-binding protein 2	KHSRP	1590900	878140	1682500	814690	1273500	604500
A0A087WTV6;A0A087WZR9;Q96C36	Pyrroline-5-carboxylate reductase;Pyrroline-5-carboxylate reductase 2	PYCR2	0	0	220640	0	167390	0
A0A087WTZ5;E9PJB1;Q04323;Q04323-2;E9PS08;E9PRQ7	UBX domain-containing protein 1	UBXN1	296030	659830	907330	0	144550	0
A0A087WUK2;O14979-3;O14979-2;O14979	Heterogeneous nuclear ribonucleoprotein D-like	HNRNPDL	1098700	760790	2053100	53310	877910	409220
E7ETK0;A0A087WUS0;P62847-2;P62847-3;P62847;P62847-4	40S ribosomal protein S24	RPS24	20117000	5333000	22247000	11886000	32216000	20565000
A0A087WUT6;O60841	Eukaryotic translation initiation factor 5B	EIF5B	1717500	1920700	3384000	486840	1083500	2014400
A0A087WUZ3;Q01082;Q01082-3;Q01082-2;F8W6C1;P11277-3;P11277;P11277-2;K7EIL4;K7ERK8;K7ELR7;K7EP41;K7ERC6;K7ENA0;K7EPY4	Spectrin beta chain, non-erythrocytic 1	SPTBN1	8972700	3438200	7767300	502290	817920	531950
A0A087WV05;Q99417	C-Myc-binding protein	MYCBP	12604000	6083900	10000000	3867200	6548100	3519400
A0A087WV66;P46013-2;P46013	Antigen KI-67	MKI67	226180	234700	292850	259950	106830	222640
A0A087WW61;A0A087WX67;A0A087WXV3;A0A087WXQ5;K7EJM5;A0A087WV68;K7EN94;B1AKP7;G3V162;A0A087X260;A0A087WYY0;Q13148-4;Q13148;A0A087WZC9;A0A087WXZ9	TAR DNA-binding protein 43	TARDBP	5778100	1998700	4904400	4322500	5299700	2344200
A0A087WVC1;A0A087WVB0;Q98Q39	ATP-dependent RNA helicase DDX50	DDX50	607210	620020	1746400	2204700	5032900	2550500
A0A087WVQ6;Q00610-2;Q00610;J3KS13;A0A087WX41;P53675-2;P53675;K7EJI5;J3KSQ2;I3QL20;J3KRF5;F5H5N6	Clathrin heavy chain;Clathrin heavy chain 1	CLTC	57104000	16897000	29570000	801070	2472200	1322300
A0A087WVV2;Q9PZE9-3;Q9PZE9-2;Q9PZE9;F8W7S5;A0A087WU26;V9GY78;H0YDJ4;H9KV85;E9PN67;C9J066;Q8N4C6-6;Q8N4C6-11;Q8N4C6-4;Q8N4C6-9;Q8N4C6-2;Q8N4C6;Q8N4C6-5;Q8N4C6-10;Q8N4C6-7	Ribosome-binding protein 1	RRBP1	186510	278450	910750	1210200	4178800	1658200
A0A087WV29;P19388;A0A087WWX0;A0A087WVN5	DNA-directed RNA polymerases I, II, and III subunit RPABC1	POLR2E	13245000	13362000	23084000	9113600	12553000	6639000
A0A087WW40;Q9Y371;Q9Y371-2	Endophilin-B1	SH3GLB1	100400	0	0	0	0	0
A0A087WW66;H7BZR6;H7C378		PSMD1	2754300	920120	827650	136900	66586	0
A0A087WWP8;Q5VWQ0;H7C2D3;C9JMZ0;Q5VWQ0-4	Round spermatid basic protein 1	RSBN1;RSBN1L	0	0	69593	58515	286540	0
A0A087WXS8;K7EPS6;Q7Z4V5-2;Q7Z4V5	Hepatoma-derived growth factor-related protein 2	HDGFRP2	4389600	2138900	1425400	1703400	1862000	527940
A0A087WXM6;J3QQT2;J3KRX5;P18621;P18621-3;J3KR83;A0A087WWH0;J3Q59K;J3QLC8;P18621-2;A0A087WY81;J3KSJ0;K7EQ71;K7EKI8;O60437	60S ribosomal protein L17	RPL17	198590000	125750000	247910000	195360000	359540000	204420000
A0A087WXZ3;Q9Y5A9;Q9Y5A9-2;S4R3V3;S4R3J8	YTH domain-containing family protein 2	YTHDF2	7177500	3982000	12949000	8910600	14730000	7593000
A0A087WY00;G3V394;F8WE88;F8W6H6;Q9Y4I1-2;Q9Y4I1;Q9Y4I1-3;Q9UES5;O95317;E7ERV5	Unconventional myosin-Va	MYO5A	45445	19209	67913	8636.2	62563	23246
A0A087WY43;P06493;E5RIU6;A0A087WZZ9;P06493-2;K7ELV5;Q00526	Cyclin-dependent kinase 1	CDK1	8342400	4896600	8745800	1524500	3667500	1841300
A0A087WY71;E9FFW3;Q96CW1-2;Q96CW1;C9JTK4;C9JGT8;C9JU47;C9JJD3;C9JPV8;H7C4C3	AP-2 complex subunit mu	AP2M1	4939000	1911300	4793200	2119000	1941000	1475700
A0A087WYN9;Q7Z478	ATP-dependent RNA helicase DHX29	DHX29	556580	242200	1309700	591700	1833800	971680
A0A087WYP2;Q8IZQ5;H0YE28	Selenoprotein H	C11orf31;SELH	1333100	1259900	1341700	1213600	2872200	2282000
A0A087WYR0;P09132	Signal recognition particle 19 kDa protein	SRP19	5485000	1763100	0	1121800	3236900	1289900
B4DDC6;A0A087WY73;Q15185-3;Q15185-4;Q15185;Q15185-2	Prostaglandin E synthase 3	PTGES3	6841500	9466500	3612200	3059200	4917300	0
A0A087WYU1;Q9Y5X1	Sorting nexin;Sorting nexin-9	SNX9	835420	527670	661100	252270	300950	228760
A0A087WZH7;P29966	Myristoylated alanine-rich C-kinase substrate	MARCKS	6384900	3413000	9614900	353490	836000	396330
D6R9P3;D6RD18;D6RB20;A0A087WZV1;Q99729-3;Q99729-2;Q99729-4;Q99729	Heterogeneous nuclear ribonucleoprotein A/B	HNRNPAB	14099000	10600000	28489000	18566000	35176000	18354000
H7CZF6;I3KPF9;A0A087X011;E9PES4;Q9Y496	Kinesin-like protein;Kinesin-like protein KIF3A	KIF3A	0	0	0	0	0	0
A0A087X020;Q9Y3A5;F8WE72	Ribosome maturation protein SBDS	SBDS	16851000	2685900	12385000	700900	2874200	1514500
C9J8Z2;H7C4F1;C9J975;A0A087X044;E7ESL9;A0A087X1U1;F5GXM9;E7EUN2;Q96P47-3;Q96P47-6;Q9UPQ3-3;Q9UPQ3-2;Q9UPQ3;Q96P47;Q96P47-2;Q96P47-4	Arf-GAP with GTPase, ANK repeat and PH domain-containing protein 3;Arf-GAP with GTPase, ANK repeat and PH domain-containing protein 1	AGAP1;AGAP3	188790	158980	1035600	0	0	0
A0A087X054;Q9Y4L1;E9PJ21;A0A087WW14;K7EQK2;Q9Y4L1-2	Hypoxia up-regulated protein 1	HYOU1	322070	151540	433710	101820	194440	95679
A0A087X0H9;Q5T8P6-4;Q5T8P6;Q5T8P6-5;Q5T8P6-3;Q5T8P6-2;E2PSN0	RNA-binding protein 26	RBM26	0	27877	0	0	0	0
A0A087X0K1;Q9Y376;B7ZBJ4;Q5TAW7;Q9H9S4	Calcium-binding protein 39;Calcium-binding protein 39-like	CAB39;CAB39L	1251400	134240	367400	80070	0	0
A0A087X0M4;Q9BWU0;A0A087WWF4	Kanadaptin	SLC4A1AP	143000	42832	109230	0	158280	0
A0A087X1B7;X6R700;Q9Y3Q-4;Q9Y3Q2;Q9Y3Y2-3	Chromatin target of PRMT1 protein	CHTOP	1270900	0	0	652350	2350100	1515600
A0A087X1N3;O75818-2;O75818;X6RLL4;F8WC38	Ribonuclease P protein subunit p40	RPP40	5597700	879800	2952400	1987900	2855300	1502100
A0A087X1R3;Q8N2N9;A6QL64	Ankyrin repeat domain-containing protein 36B;Ankyrin repeat domain-containing protein 36A	ANKRD36B;ANKRD36	218950	139400	274930	44038	17504	0
A0A087X1Z3;Q9UL46;H0YM70;H0YKU2;H0YLG1;H0YLD2	Proteasome activator complex subunit 2	PSME2	254020000	134030000	228380000	126420000	119250000	83514000
E9PDU5;A0A087X295;Q9NNW5;C9K020;E9P8K6	WD repeat-containing protein 6	WDR6	0	78518	152780	36323	151950	263750
A0A087X2DB;O60271-9;O60271-4;O60271-2;O60271;O60271-5;O60271-3	C-Jun-amino-terminal kinase-interacting protein 4	SPAG9	34891	0	23436	25920	0	0
A0A087X2I1;P62333;H0YIC0;H0YI5B;H0YIX2;H0YIT1;H0YJE9;H0YJD2;H0YJY8	26S proteasome regulatory subunit 10B	PSMC6	894850000	330400000	431160000	84065000	67662000	33935000
Q5JXX1;Q5JXX2;A0A088AWL8;Q15014;Q5JXX6	Mortality factor 4-like protein 2	MORF4L2	2179300	650380	3262800	515800	981810	326120
J3KP36;F8W7U3;E7ESD2;A0A096LPC5;Q5SNT6;Q9Y4E1-3;Q9Y4E1-6;Q9Y4E1-2;Q9Y4E1;Q9Y4E1-4;Q641Q2-2;Q641Q2;A0A087WYF6;Q9Y4E1-5	WASH complex subunit FAM21B;WASH complex subunit FAM21C;WASH complex subunit FAM21A	FAM21C;FAM21A;FAM21B	49658	0	47332	0	0	0
A2A2Q9;Q9Y312	Protein AAR2 homolog	AAR2	1568900	603660	1353000	170900	296440	113830
A2A3N6;A6PW57;Q99755-2;Q99755-4;Q99755-3;Q99755	Putative PIPSK1A and PSMD4-like protein	PIPSL	91721	0	123220	0	0	0
A2A3R5	40S ribosomal protein S6	RPS6	2688800	2006000	3820200	0	4007000	2037000
A2ABB8;O15212	Prefoldin subunit 6	PFDN6	326260	1401200	2655500	811540	587850	538730
A2ABK4;P18615;P18615-3;E9PD43;P18615-4	Negative elongation factor E	NELFE	0	148850	219180	266100	268620	197360
A2AE51;A2AE48;Q12899	Tripartite motif-containing protein 26	TRIM26	741710	152550	135240	0	0	0
A2IDA3;P29372-5;P29372-4;P29372-2;P29372	DNA-3-methyladenine glycosylase	MPG	113050	0	232000	0	0	0
B7ZM87;A2RUF3;O75044;A0A075B785;Q5VZB4;A0A075B7E6;P0DMP2;P0DJJ0;A0A075B7C8;A0A075B7E9;G5EA48;Q7Z6B7-2;Q7Z6B7;A0A075B743	SLIT-ROBO Rho GTPase-activating protein 2	SRGAP2	2500500	1452700	1620800	97401	201100	156330
A3KFL5;A3KFL2;A3KFL4;Q13868-2;Q13868;A3KFL1	Exosome complex component RRP4	EXOSC2	0	444320	153020	1578500	352410	282760
A5YKK6;A5YKK6-4;A5YKK6-3;A5YKK6-2;H3BR89;H3BMH0;H3BVC9;H3BMZ2	CCR4-NOT transcription complex subunit 1	CNOT1	126090	87857	264480	62262	826760	70909
H0YEY4;A6NCQ0;A6NUI6;A6NFX8;Q9UKX9	ADP-sugar pyrophosphatase	NUDT5	0	0	390680	0	0	0
A6NDF3;Q9BVG4	Protein PBDC1	PBDC1	426730	170720	837670	0	0	0
C9J9K3;A6NE09;P08865;C9JQR9;G3V2D8;Q9UBC7;Q68DK2-4;Q68DK2-2;Q68DK2	40S ribosomal protein SA	RPSA;RPSAP58	287020000	194740000	352790000	227280000	417550000	224290000
A6NEM2;P51610-2;P51610;P51610-4;H7C1C4	Host cell factor 1;HCF N-terminal chain 1;HCF N-terminal chain 2;HCF N-terminal chain 3;HCF N-terminal chain 4;HCF N-terminal chain 5;HCF N-terminal chain 6;HCF C-terminal chain 1;HCF C-terminal chain 2;HCF C-terminal chain 3;HCF C-terminal chain 4;HCF C-terminal chain 5;HCF C-terminal chain 6	HCFC1	40091	57704	25645	124250	209560	50014
A6NHK2;P62304	Small nuclear ribonucleoprotein E	SNRPE	22689000	18866000	28101000	13770000	35470000	20964000
A6NHR9;A6NHR9-2;I3KTL8;A6NHR9-3;J3KRK8	Structural maintenance of chromosomes flexible hinge domain-containing protein 1	SMCHD1	155600	51975	150550	598980	868740	290040
A6NN50;O75147-2;O75147-1;O75147-4;O75147;A8MSZ8	Obscurin-like protein 1	OBSL1	296570	169970	373180	53087	96626	17134
A8MQ02;J3KN01;P55196-3;P55196;P55196-5;Q5TIG5;P55196-2;P55196-6;P55196-1;H0Y788;H0Y8L4;H0Y8U8;H0Y9I0;H0Y948	Afadin	MLLT4	802220	286690	259880	88579	138730	30835
J3QLE5;A8MT02;P14678-2;P63162;P14678;P63162-2;P14678-3;J3KRY3;S4R3P3	Small nuclear ribonucleoprotein-associated proteins B and B;Small nuclear ribonucleoprotein-associated protein N	SNRPN;SNRPB	6036200	18540000	6415500	1670400	6180600	469190
A8MT37;P49840	Glycogen synthase kinase-3 alpha	GSK3A	1089600	739760	613760	135070	218230	0
E9PQ63;A8MTM1;P16152-2;P16152;O75828	Carbonyl reductase [NADPH] 1;Carbonyl reductase [NADPH] 3	CBR1;CBR3	0	0	243250	0	0	0
A8MUA9;A8MU27;P55854;P55854-2	Small ubiquitin-related modifier 3	SUMO3	4651800	682950	1810000	0	681230	143790000
F8WDX0;F8WB12;F8WDS8;C9J0U9;D3YTH5;A8MUM1;Q53HC9	Protein TSSC1	TSSC1	2081800	1345100	3261600	867600	1259400	680530
H7BY10;K7EJV9;K7ERT8;A8MUS3;P62750;K7EMA7	60S ribosomal protein L23a	RPL23A	306520000	165970000	412010000	230990000	566390000	255830000
A8MV53;Q9NQS5-2;Q9NQS5;Q9NQS5-3;H7C446;C9J3W3	Suppressor of SWI4 1 homolog	PPAN	3231000	1418700	2847400	5748900	10519000	4881900
E7EVE9;A8MX75;P18074;K7EIT8;P18074-2	TFIIH basal transcription factor complex helicase XPD subunit	ERCC2	480290	298750	411130	117990	135680	80050
A8MXL6;P55735-2;P55735;P55735-3	Protein SEC13 homolog	SEC13	3476300	321410	1072300	0	0	0
D6R991;D6REM6;A8MXP9;P43243;H0YBT4	Matrin-3	MATR3	1501900	116890	594410	528680	336310	655900
B8ZZ10;A8MYV2;Q9NQ29-2;Q9NQ29-3;Q9NQ29;B8ZZ09	Putative RNA-binding protein Luc7-like 1	LUC7L	0	0	813530	0	0	0
B0QY89;Q9Y262;Q9Y262-2;B0QY90;C9JHP4;C9K0Q7;H7C3A0;H0Y7E6	Eukaryotic translation initiation factor 3 subunit L	EIF3L	42255000	23920000	56168000	58493000	86805000	49091000
H7BY36;B0QYK0;C9JGE3;Q01844-2;Q01844-6;Q01844-3;Q01844;Q01844-5	RNA-binding protein EWS	EWSR1	10207000	5562800	11526000	8373800	15166000	7721600
B0YIW6;P48444;Q6P1Q5;P48444-2	Coatomer subunit delta	ARCN1	1177600	439280	913560	182260	436330	93726
B1AJQ6;Q86Y82	Syntaxin-12	STX12	894360	180320	524420	0	0	0
B1AJZ9;B1AJZ9-3;H0YCR1;Q5JYW6;H0Y5P0;H0YE38;B1AJZ9-4	Forkhead-associated domain-containing protein 1	FHAD1	633790	0	0	0	60634	0
B1AKB7;B1AKB8;P47756;P47756;B1AK85	F-actin-capping protein subunit beta	CAPZB	8182700	2973100	4018600	0	2359900	995630
B1AM48;B1AM49;Q12926-2;Q12926;C9JB16;B1APY9;B1APY8;Q14576-2;P26378-4;P26378-2;Q14576;P26378-5;P26378;P26378-3	ELAV-like protein;ELAV-like protein 2;ELAV-like protein 3;ELAV-like protein 4	ELAVL2;ELAVL4;ELAVL3	0	325900	475380	0	557820	259690
B1AMN7;Q9P2B4	CTTNBP2 N-terminal-like protein	CTTNBP2NL	231080	59503	0	0	0	0
F2Z2Y2;B1AMN9;Q9H7E2-2;Q9H7E2;Q9H7E2-3	Tudor domain-containing protein 3	TDRD3	15451000	19415000	23617000	14890000	24334000	19564000
R4GNH9;R4GMQ7;B1AMU7;B1AMU4;Q9Y3B2;B1AMU3	Exosome complex component CSL4	EXOSC1	1241500	166280	0	0	311640	0
B1ANW7;Q86VF7-4;Q86VF7-3;Q86VF7;Q86VF7-2	Nebulin-related-anchoring protein	NRAP	17392	30910	55632	0	0	0
B1AUU8;P42566;P42566-2;S4R3U1	Epidermal growth factor receptor substrate 15	EPS15	458950	114010	306390	0	50211	0
Q5TTC4;Q5TTC6;B2RPK0;P09429	Putative high mobility group protein B1-like 1;High mobility group protein B1	HMGB1L1;HMGB1P1	1418300	626940	1544700	486800	328550	77213
B2WTI3;B2WTI4;K7EUI9;Q6NYC1-2;Q6NYC1;Q6NYC1-3	Bifunctional arginine demethylase and lysyl-hydroxylase JMJD6	JMJD6	0	250510	0	0	0	0
B3EWF7	Laforin, isoform 9	EPM2A	0	0	0	383600	669250	275660
B3KS98;O15372;A0A087WZK9;E5RJT0;E5RGU4;E5RFW7;E5RFH0;E5RHC7;E5RH59	Eukaryotic translation initiation factor 3 subunit H	EIF3H	23338000	12602000	32443000	31412000	58718000	42356000
P49959;B3KTC7;F8W7U8;P49959-2;F5GXT0;F5H742;F5H256	Double-strand break repair protein MRE11A	MRE11A	424640	430290	956850	255380	596380	133510
H0YHC3;F8W020;F8W118;F8VXI6;F8VUX1;F8VY35;F8VV59;B7Z9C2;F8W0J6;F5H4R6;H0YIV4;B3KV44;P55209-2;P55209;F8VRJ2;H0YHB8;F8VVB5	Nucleosome assembly protein 1-like 1	NAP1L1	0	0	0	618390	0	0
H0Y5J4;B4DDD6;Q9UJU6-5;Q9UJU6-4;Q9UJU6;Q9UJU6-2;Q9UJU6-3;B4DDP6	Drebrin-like protein	DBNL	696250	1032900	1356100	0	0	0
B4DEM9;Q9Y2S7	Polymerase delta-interacting protein 2	POLDIP2	162140	138250	181670	0	44889	20116
B4DJ07;Q9UPT5-2;Q9UPT5-5;Q9UPT5-1;Q9UPT5-6;Q9UPT5;C9JME6;C9JKC2;B5MCY9;K7ERQ5;Q9UPT5-4	Exocyst complex component 7	EXOC7	148380	60411	268220	0	26564	0
B4DJV2;O75390;H0YIC4;F8VWQ5;F8VRI6;F8VPF9;F8VPA1;F8VR34;F8VTT8;F8W1S4;F8W4S1;H0YHB2;F8W642;F8W012;F8VZK9;F8VP03;F8VX07;F8VRP1;F8VX68;F8VU34	Citrate synthase;Citrate synthase, mitochondrial	CS	6616300	2425500	2328400	2020500	1690800	536030
B4DJV5;Q13610	Periodic tryptophan protein 1 homologq	PWP1	2107700	418130	3041700	1623100	3353900	371040
B4DKY1;P49589-2;P49589;P49589-3	Cysteine--tRNA ligase, cytoplasmic	CARS	397120	193280	499370	79613	237040	124750
B4DQP0;Q9H9L7;H0YEQ5	Akirin-1	AKIRIN1	1770800	785370	1023100	0	0	0
H0Y2Y8;B4DQX7;Q15942;C9JJK5;H7C3D3	Zyxin	ZYX	3998000	1165200	983930	0	0	0
B4DUR8;P49368;P49368-2;Q5SZX6;Q5SZX9;E9PRC8	T-complex protein 1 subunit gamma	CCT3	8715700	3307500	5001200	3456900	4060600	1653000
E9PNU1;B4DXC8;Q9Y5B8-2;Q9Y5B8	Nucleoside diphosphate kinase 7	NME7	1068500	357850	868490	80612	276490	67085
B4DXZ6;P51114;P51114-2;P51114-3;C9JAJ4;E7EU85;E9PFF5;C9J5B4;C9JZ22;C9JZE0;C9JY20;H7C4S4	Fragile X mental retardation syndrome-related protein 1	FXR1	4398900	2677100	6554900	2687400	8072700	4007900
G3V576;G3V4W0;B4DY08;G3V4C1;G3V2Q1;P07910-2;P07910;P07910-3;P07910-4;G3V555;G3V547;G3V575;G3V2D6;P0DMR1;O60812;B7ZW38;B2RXH8;G3V2H6;G3V4M8;G3V5X6;G3V31;K6;G3V251;B4DSU6	Heterogeneous nuclear ribonucleoproteins C1/C2;Heterogeneous nuclear ribonucleoprotein C-like 4;Heterogeneous nuclear ribonucleoprotein C-like 1;Heterogeneous nuclear ribonucleoprotein C-like 3;Heterogeneous nuclear ribonucleoprotein C-like 2	HNRNPC;HNRNPCL4;HNRNPCL1;HNRNPCL3;HNRNPCL2	18056000	12278000	18307000	15902000	29636000	12246000
B4DY09;Q12905;X6R6Z1	Interleukin enhancer-binding factor 2	ILF2	14476000	6794800	21030000	39819000	21499000	13016000
Q8NBY1;B4E0Y9;Q9P289;Q9P289-2;Q9P289-3;C9JJV0;C9JDH9;C9J6L2;C9JCC0;C9J232;H7C279;O00506-3;O00506-2;O00506	Serine/threonine-protein kinase 26	STK26	3442900	1534600	2571400	215700	393390	252960
G3V1C3;Q9BZZ5-1;Q9BZZ5-3;Q9BZZ5-5;Q9BZZ5-2;B4E283;Q9BZZ5;H0YER7	Apoptosis inhibitor 5	API5	0	0	304250	0	129150	100960
B5MCF9;O00541-2;O00541;H7C267;B3KXD6	Pescadillo homologq	PES1	0	0	171520	1943300	1652900	626670
B5MDF5;P62826;I3KQE5;H0YFC6;F5H018;A0A087X0W0;B4DV51	GTP-binding nuclear protein Ran	RAN	18076000	7533800	21809000	4940600	10914000	3607500
B6VEX4;Q8IZP0-10;Q8IZP0-8;Q8IZP0-7;Q8IZP0-2;Q8IZP0-4;Q8IZP0-3;Q8IZP0-5;Q8IZP0-6;Q8IZP0-9;Q8IZP0;E9PEZ7;E7EW77;E7EP65;F8WAL6;Q8IZP0-11;Q9NYB9-3;Q9NYB9-2;Q8IZP0-12;Q9NYB9-4;Q9NYB9	Abl interactor 1;Abl interactor 2	ABI1;ABI2	598400	280760	451020	54815	210750	39235
B7WPG3;C9JYN3;D6W592;Q8WVV9-5;Q8WVV9-4;Q8WVV9;Q8WVV9-3;Q8WVV9-2;H7C464;C9JJZ7;H7BXH8	Heterogeneous nuclear ribonucleoprotein L-like	HNRNPLL;HNRPLL	544330	586850	597970	122340	109760	87759
B7Z488;Q9BUJ2-4;Q9BUJ2-2;Q9BUJ2;M0R3F1;Q9BUJ2-3;M0QYZ0;M0QYM5;M0QV8;M0R203;M0QZV6;M0R0K8	Heterogeneous nuclear ribonucleoprotein U-like protein 1	HNRNPUL1	6865100	3779200	7063300	6519800	8975700	5564500
B7Z4J8;D6RJ07;Q9UL40-3;Q9UL40;Q9UL40-2	Zinc finger protein 346	ZNF346	889880	540770	1230800	416020	1195200	726010
E7EQ12;H0Y7F0;H0Y9H6;E9PDE4;E7ES10;E9PCH5;E7EVY3;B7Z574;E7ESM9;P20810-3;P20810-4;P20810-8;P20810-2;P20810;P20810-9;P20810-5;P20810-10;P20810-7;P20810-6;D6RAA8;D6RC54;F8W7E0;E7EQA0;H0YD33	Calpastatin	CAST	614080	214770	535740	1433600	431870	318090
B7Z6D5;Q96GQ7;A0A087X059	Probable ATP-dependent RNA helicase DDX27	DDX27	0	0	0	1306000	2433200	1510700
B7Z7P8;P62495-2;P62495	Eukaryotic peptide chain release factor subunit 1	ETF1	2054900	836940	1881200	590310	1879000	916280
F5H8L0;Q5R372-7;Q5R372-8;Q5R372-6;Q5R372-5;B7ZAP0	Rab GTPase-activating protein 1-like, isoform 10	RABGAP1L	0	0	0	0	0	0
E7EN23;B7ZAR1;E9PCA1;P48643-2;P48643	T-complex protein 1 subunit epsilon	CCT5	5144900	2126700	4726100	5736400	3435500	1618100

B7ZKM0;Q15020;F8VVD4;Q15020-2;F8W667;H0YHU8;Q15020-3	Squamous cell carcinoma antigen recognized by T-cells 3	SART3	2990000	1694600	2983200	2339600	2996000	1321200
C9JMM0;B8ZZ43;S4R2Y4;Q13185	Chromobox protein homolog 3	CBX3	3712300	2351400	5258100	1357900	3711500	1387800
B8ZZ87;Q6P582;Q6NZ67;H7BZ50;H7C173;H7C202	Mitotic-spindle organizing protein 2A;Mitotic-spindle organizing protein 2B	MZT2B;MZT2A	476180	294040	575560	0	0	0
B8ZZF8;Q9Y4Y9	U6 snRNA-associated Sm-like protein LSm5	LSM5	41236000	18851000	29510000	21447000	21180000	5522200
B8ZZN6;P63165;B8ZZJ0;B8ZZ67;B9A032;P63165-2	Small ubiquitin-related modifier 1	SUMO1	9398700	2370600	4061100	824560	1152800	765370
B8ZZQ6;P06454-2;P06454	Prothymosin alpha;Prothymosin alpha, N-terminally processed;Thymosin alpha-1	PTMA	11946000	4716600	8293600	12021000	11368000	7141100
B8ZZS4;Q9H8Y5	Ankyrin repeat and zinc finger domain-containing protein 1	ANKZF1	247810	173820	476360	32946	127550	23830
B8ZZU8;Q15370;Q15370-2;I3L0M9	Transcription elongation factor B polypeptide 2	TCEB2	28864000	12802000	24684000	14465000	16144000	12014000
B9ZVN9;O95602	DNA-directed RNA polymerase;DNA-directed RNA polymerase I subunit RPA1	POLR1A	533960	520050	1142200	419570	746650	187740
C9JOD1;Q71UI9-2;Q71UI9;P0C0S5;C9JI86;Q71UI9-5;Q71UI9-3;Q71UI9-4;Q99878;Q96KK5;Q9BTM1;Q16777;Q93077;Q8IUE6;Q7L7L0;Q6F13;P20671;P0C0S8;P04908;Q96QV6;P16104;Q9BTM1-2	Histone H2A;Histone H2A.V;Histone H2A.Z;Histone H2A type 1-J;Histone H2A type 1-H;Histone H2A.J;Histone H2A type 2-C;Histone H2A type 1-C;Histone H2A type 2-B;Histone H2A type 3;Histone H2A type 2-A;Histone H2A type 1-D;Histone H2A type 1;Histone H2A type 1-B/E;Histone H2A type 1-A;Histone H2AX	H2AFV;H2AFZ;HIST1H2AJ;HIST1H2AH;H2AFJ;HIST2H2AC;HIST1H2AC;HIST2H2AB;HIST3H2A;HIST2H2AA3;HIST1H2AD;HIST1H2AG;HIST1H2AB;HIST1H2AA;H2AFX	9486200	9915100	13674000	3979600	6887500	4751300
C9JOE4;P01040	Cystatin-A;Cystatin-A, N-terminally processed	CSTA	3280100	8307000	5131600	1627500	5146500	2544600
C9J712;C9JOJ7;C9JQ45;G5E9Q6;P35080-2;P35080	Profilin;Profilin-2	PFN2	7572600	3130900	0	0	0	0
C9JOK6;P30626-3;P30626-2;P30626	Sorcin	SRI	334490	1081800	1278400	614550	867480	111390
C9JB42;C9JDR7;C9JDX6;F8WCZ4;C9J2P2;E9PH18;C9J2C4;Q8WWF6;O75190-2;O75190-3;O75190	Dnaj homologa subfamily B member 3;Dnaj homologa subfamily B member 6	DNAJB6;DNAJB3	1746000	1938600	3046100	0	0	0
C9J4M6;C9J2Y9;P30876	DNA-directed RNA polymerase;DNA-directed RNA polymerase II subunit RPB2	POLR2B	3264800	2034600	3626500	978250	1170100	577110
C9K0R9;C9J381;P20839-2;P20839-4;P20839;P20839-3;P20839-7;P20839-5;P20839-6;C9J029;H7C571;H7C511;E7ETK5;H0Y4R1;P12268	Inosine-5-monophosphate dehydrogenase;Inosine-5-monophosphate dehydrogenase 1;Inosine-5-monophosphate dehydrogenase 2	IMPDH1;IMPDH2	18578000	10228000	15968000	759830	776040	535650
C9J384;Q9BQ75-2;Q9BQ75	Protein CMSS1	CMSS1	2045800	1469900	2434300	3105000	5866000	2818900
C9J3N8;P04792	Heat shock protein beta-1	HSPB1	5782900	7409500	11345000	0	1274200	1108700
G5E9R3;M0R0A1;C9J4Z3;Q6P4E4;E9PEL3;M0R2L6;P61513;A6NKH3	60S ribosomal protein L37a	RPL37A	48223000	24168000	83974000	56501000	112650000	77687000
C9J5E5;C9JIZ1;C9JHS7;C9JHZ8;C9JES8;C9JZI8;C9JBS3;C9JEJ8;A0A088AWM1;C9JHN6;C9JT62;C9JK79;E9PKT8;C9J6D1;C9JZI7;Q99733;Q99733-2;E9PNW0;E9PJ2;E9PS34;E9PNJ7;E9PKI2;C9J1B1;E9PP22;A8MXH2;H0YCI4		HDLBP	759190	0	0	0	0	0
C9J6N5;C9JQ40;C9JW51;Q9H098;Q9H098-2;C9J3Q3	Nucleosome assembly protein 1-like 4	NAP1L4	2520200	1216700	2742900	0	632430	0
C9J6P4;Q7Z2W4-3;Q7Z2W4-2;Q7Z2W4	Protein FAM107B	FAM107B	1044600	509970	606560	0	0	0
C9JTX4;C9J826;C9JK18;C9JKY1;P14923	Zinc finger CCCH-type antiviral protein 1	ZC3HAV1	439580	263980	482330	288030	494420	212530
C9JR4;C9JVE2;Q96GG9;C9JRU6;C9JOB2;C9JUW4	Junction plakoglobin	JUP	124450	393810	146850	144040	260280	143450
C9JA08;Q96D46;C9IY70;C9IZW9;C9K0C2;C9J0B9	DCN1-like protein;DCN1-like protein 1	DCUN1D1	7237900	1231300	3012600	1035000	1081600	202020
C9JZG2;C9JKQ7;C9JBJ1;C9JTV6;F8WD69;P22102-2;P22102	60S ribosomal export protein NMD3	NMD3	917430	507820	769890	0	923340	553860
C9JF79;P40925-2;P40925;P40925-3;C9JRL4;B9A041;B8ZZ51	Trifunctional purine biosynthetic protein adenosine-3;Phosphoribosylamine--glycine ligase;Phosphoribosylformylglycinamidine cyclo-ligase;Phosphoribosylglycinamide formyltransferase	GART	640280	0	0	0	0	0
C9JF4;Q13098-5;Q13098;Q13098-7;A0A096LP07;A0A096LP33;A8K070;Q13098-6;J3QQX0	Malate dehydrogenase;Malate dehydrogenase, cytoplasmic	MDH1	103440	77871	464690	188470	0	0
C9JFV4;Q8IZL8;E7EV54	COP9 signalosome complex subunit 1	GPS1	1299000	371210	1242000	336400	560330	330710
C9JPA8;C9JHN8;Q7L5D6-2;Q7L5D6	Proline-, glutamic acid- and leucine-rich protein 1	PELP1	87540	0	101660	84682	356250	125240
C9JI97;Q5XPI4;Q5XPI4-2;H7C3U1	Golgi to ER traffic protein 4 homolog	GET4	8277300	0	1046800	1279400	0	0
C9JJ54;Q8IWB7	E3 ubiquitin-protein ligase RNF123	RNF123	4852700	2322700	6016100	3420200	7433000	3088900
C9JLU1;P52434;P52434-4;P52434-3;P52434-2	WD repeat and FYVE domain-containing protein 1	WDFY1	172560	0	0	0	0	0
C9JX88;C9JNW5;P83731	DNA-directed RNA polymerases I, II, and III subunit RPABC3	POLR2H	8633400	5953000	13916000	5170200	6401600	2971800
C9JPS1;Q9Y6D9-3;Q9Y6D9;C9JPB1	60S ribosomal protein L24	RPL24	71152000	44259000	104270000	76577000	85564000	105780000
C9JQD4;O43447;H0YEL5;O43447-2;A6NM32;R4GN99;H0Y548;P30405-2;P30405;Q08752	Mitotic spindle assembly checkpoint protein MAD1	MAD1L1	295590	0	131880	0	0	0
C9JQV0;Q9BRJ6;H7C0T1;H7C2R9	Peptidyl-prolyl cis-trans isomerase;Peptidyl-prolyl cis-trans isomerase H	PPIH	1189900	1459200	1850800	922010	836940	0
C9JUJ0;Q9UFW8	Uncharacterized protein C7orf50	C7orf50	11712000	5923300	16045000	12337000	25279000	10297000
H0Y3P2;D3DQV9;P78344-2;P78344;E9PKF8;H0YEC5;H0YD77;H0YCH5;H0YE22;H0YD99;H0YEN8;H0YDC0;H0YCF8	CGG triplet repeat-binding protein 1	CGGBP1	796430	1039200	1692400	1440700	2910500	976680
D3DTX6;Q96S83	Eukaryotic translation initiation factor 4 gamma 2	EIF4G2	1804100	864020	2334300	941480	2501800	733100
D3YTB1;F8W727;P62910	Neurabin-2	PPP1R9B	106670	130630	231640	0	0	0
D6R907;D6RBI9;D6RBR6;D6RFG3;D6REL6;J6EL98;Q9H201-2;Q9Y6I3-3;Q9Y6I3;Q9H201;Q9Y6I3-1	60S ribosomal protein L32	RPL32	185910000	76133000	139290000	140130000	226060000	150640000
D6R938;E9PBG7;E9PF82;Q13557-8;Q13557-12;Q13557-9;Q13557-10;Q13557-5;Q13557;Q13557-3;Q13557-6;Q13557-4;Q13557-11	Epsin-3;Epsin-1	EPN3;EPN1	1071500	0	901720	0	0	171000
D6RAD4;P50613;D6RG1;D6RFL0;D6RGG9;D6RI01;D6R9Z2;D6RF14;D6RIG9;D6REC6;Q9C098	Calcium/calmodulin-dependent protein kinase type II subunit delta	CAMK2D	1741700	466300	883530	222230	213660	81110
D6RAN4;P32969;H0Y9V9;E7ESE0;H0Y9R4;REV__O75648-5;REV__O75648-2;REV__O75648	Cyclin-dependent kinase 7	CDK7	2107100	1402300	2084400	325840	522100	72838
D6RD63;D6RAX7;Q9BTT8-2;Q9BTT8;D6RFN0	60S ribosomal protein L9	RPL9	47603000	38904000	73029000	60294000	127200000	69402000
D6RD47;P62266;D6RDU2;D6RIX0;D6R9I7	COP9 signalosome complex subunit 4	COPS4	698640	229040	657890	53724	0	92509
D6RDM7;P61086-3;P61086	40S ribosomal protein S23	RPS23	209230000	90281000	185310000	80688000	192420000	60271000
D6REB0;Q13137-5;Q13137-2;Q13137;Q13137-3;Q13137-4	Ubiquitin-conjugating enzyme E2 K	UBE2K	0	0	0	0	0	0
E5RGS4;O60925	Calcium-binding and coiled-coil domain-containing protein 2	CALCOCO2	107750	138510	231040	0	0	0
E5RGW4	Prefoldin subunit 1	PFDN1	515650	1489300	2727100	0	136040	336510
E5RHG8;Q15369;R4GMY8;Q15369-2		NPM1	0	0	0	0	0	0
E5RIM3;Q9Y263;H0YBW4	Transcription elongation factor B polypeptide 1	TCEB1	6789500	1940500	4092100	869470	1517500	627610
E5RJ93;ESRIS7;P23193-2;P23193	Phospholipase A-2-activating protein	PLAA	409630	307890	591480	30117	0	0
E5RJN7;E7EV41;F8VPI7;E7EPX0;E7EVJ4;E9PH62;Q9NUL3-6;Q9NUL3-8;Q9NUL3-3;Q9NUL3-7;Q9NUL3-2;Q9NUL3;G5EA18;Q9NUL3-4;E5RJ67;E5RFK1	Transcription elongation factor A protein 1	TCEA1	1447800	768370	1155200	976040	1127200	616790
E5RJR5;P63208;E7ERH2;F8W8N3;P63208-2;E5RGM3	Double-stranded RNA-binding protein Staufen homolog 2	STAU2	1080700	805430	2219200	682320	2155100	874960
E5RJU9;Q86UE4;H0YBJ8	S-phase kinase-associated protein 1	SKP1	23828000	8526800	10573000	13058000	5789500	2970600
E5RK69	Protein LYRIC	MTDH	210540	478930	982610	673640	1662900	963780
E7EMB1;Q9UH65;E9PJM7	Annexin	ANXA6	1700200	238540	574450	0	0	0
E7EMC7;Q13501-2;Q13501;E9PFW8	Switch-associated protein 70	SWAP70	737960	397750	625770	541170	422190	243480
E7ENQ1;G3XAA2;H7C360;G5E948;E7EN19;E7ESS2;O95819-4;O95819-2;O95819;O95819-5;O95819-3;C9JB40;E7EX83;H7C0P6;C9JI38;Q9UKE5-8;Q9UKE5-5;Q9UKE5-3;Q9UKE5-6;Q9UKE5-2;Q9UKE5-4;Q9UKE5	Sequestosome-1	SQSTM1	706270	393290	535180	245000	169200	51365
E7END7;P62820;P62820-2;Q9H0U4;E9PLD0;Q92928;A0A087WTI1;H0YLJ8;H0YL94;H0YMN7;H0YNE9;P62820-3;P61026;P51153;Q92930;P61006-2;P61006;P59190-2;P59190	Mitogen-activated protein kinase kinase kinase kinase 4	MAP4K4	226030	110190	75598	0	66989	42050
E7EV99;E7ENY0;P35611-2;P35611-6;P35611;P35611-3;P35611-4;P35611-5;H0Y9H2;D6RF25;D6RJE2;H0YG19;D6RAH3	Ras-related protein Rab-1A;Ras-related protein Rab-1B;Putative Ras-related protein Rab-1C	RAB1A;RAB1B;RAB1C	7022200	5360900	6603100	504960	1279900	444070
E7EPB3;P50914	Alpha-adducin	ADD1	3080100	1293700	3533500	0	0	0
H0Y3Y4;G3V1Q4;E7ES33;E7EPK1;Q16181-2;Q16181	60S ribosomal protein L14	RPL14	145580000	54855000	105010000	70658000	145170000	83488000
E7EPN9;Q9Y520-3;Q9Y520-6;Q9Y520-4;Q9Y520-5;Q9Y520;Q9Y520-7;Q9Y520-2;H7C5N8	Septin-7	Sep-07	445800	0	0	0	0	0
E7EQL8;Q96RT7-2;Q96RT7-3;Q96RT7	Protein PRRC2C	PRRC2C	643360	443340	1208400	1467600	3208200	1563900
E7EQR4;P15311	Gamma-tubulin complex component 6	TUBGCP6	0	0	0	0	0	0
E7EQV3;P11940;A0A087WTT1;E7ERJ7;P11940-2;H0YAR2;Q9H361;H0YBN4;H0YAP2;E5RGH3;E5RH24;E5RJB9;H0YAS7;H0YAS6;H0YB75;H0YC10;H0YB86;H0YAW6;Q96DU9-2;Q96DU9	Ezrin	EZR	0	85219	93651	96111	51947	52423
E7EVX8;E7ESA8;Q8WWY3;Q8WWY3-3;Q8WWY3-2;E7EU94;E7ESX0;E7EN72	Polyadenylate-binding protein;Polyadenylate-binding protein 1;Polyadenylate-binding protein 3	PABPC1;PABPC3	16007000	17250000	27134000	12511000	27949000	15403000
E7ESP9;P07197;E7EMV2;P07197-2	U4/U6 small nuclear ribonucleoprotein Prp31	PRPF31	507930	197500	956640	0	0	0
E7ETC2;Q5F2F8;Q08209-5;Q08209-3;Q08209-2;P16298-2;P16298-3;Q08209;P16298;P16298-4;Q5F2G0;Q08209-4	Neurofilament medium polypeptide	NEFM	72399000	54631000	137600000	12253000	8505300	5516700
E7ETU9;C00469;C00469-2;C00469-3	Serine/threonine-protein phosphatase;Serine/threonine-protein phosphatase 2B catalytic subunit alpha isoform;Serine/threonine-protein phosphatase 2B catalytic subunit beta isoform	PPP3CA;PPP3CB	394910	0	121920	0	119440	0
I3KQ96;E7ETY2;Q13428-6;Q13428-7;Q13428;Q13428-3;Q13428-4;Q13428-2;Q13428-8;Q13428-5	Procollagen-lysine,2-oxoglutarate 5-dioxygenase 2	PLOD2	568910	239940	558550	0	38315	0
E7ETV4;E9PC69;Q7KZI7-10;Q7KZI7-13;Q7KZI7-7;Q7KZI7-2;Q7KZI7-15;Q7KZI7-5;Q7KZI7-16;Q7KZI7-4;Q7KZI7-9;Q7KZI7-12;Q7KZI7-14;Q7KZI7-3;Q7KZI7-6;Q7KZI7-11;Q7KZI7-8;Q7KZI7;K7EKG8;F5H6N2;H0YKJ3;F5H4F6;H0YNV4;J3KNR0;A0A087X0I6;P27448-8;Q96L34-2;P27448-6;P27448-3;P27448-4;Q96L34;P27448-2;P27448;P27448-7;Q9P0L2	TCOF1	29247	137650	459970	118860	368370	180780
E7ETZ4;Q9YE62;Q75MG1;B5MCH7;C9JF98;E7EMS9;B5MCE7;Q9Y6E2-2;E9PFE3;F8WDX8;E9PFD4	Serine/threonine-protein kinase MARK2;MAP/microtubule affinity-regulating kinase 3;MAP/microtubule affinity-regulating kinase 4;Serine/threonine-protein kinase MARK1	MARK2;MARK4;MARK3;MARK1	77421	29044	41970	0	29318	18406
H0Y867;E7EUB1;F1TIJ2;Q14789;Q14789-2	Basic leucine zipper and W2 domain-containing protein 2	BZW2	5228300	3265200	6867200	1119800	2559900	1085800
E7EU96;Q5U512;Q8NEV1;P68400;A0A087WY74;P68400-2	Golgin subfamily B member 1	GOLGB1	1346100	379250	587240	165230	170740	0
E7EUR8;REV__Q86UP2-2;REV__Q86UP2-3;REV__Q86UP2-4;REV__Q86UP2;P78312-4;P78312-6;P78312-2;P78312-5;P78312	Casein kinase II subunit alpha;Casein kinase II subunit alpha	CSNK2A1;CSNK2A3	1778500	1228900	2188600	1355900	3369400	1731900
E7EVA0;P27816-6;P27816;P27816-2;P27816-4;P27816-5;H7C4C5;B5MEG9;H0Y2V1;F8W9U4;H7C456	Protein FAM193A	FAM193A	1228200	313830	1337200	756380	2386300	362400
E7EVJ5;Q96F07-2;Q96F07;H7C229;E7EW33;A0A087WWZ1;A0A087WTQ3;Q7L576-2;A0A087WU52;A0A087WWL1;H0YL50;A0A087WVE1;A0A087X0D6;REV__Q8IUG5-2;REV__Q8IUG5;REV__A0A075B6F5;REV__F5GXR6;Q7L576-3	Microtubule-associated protein;Microtubule-associated protein 4	MAP4	3208900	1866200	5619300	6547900	9687600	4796900
E7ETW0;Q9NVU7-2;Q9NVU7	Cytoplasmic FMR1-interacting protein 2	CYFIP2	1399600	662610	1339200	79259	314200	60217
E9PD08;E7EWR4;P33240-2;P33240	Protein SDA1 homolog	SDAD1	505990	456910	1576200	608030	1690400	927980
E7EX17;P23588;B4DS13;F8VP89;F8W0K0;F8VSC7;F8VX11;F8VRU1;F8VYE9	Cleavage stimulation factor subunit 2	CSTF2	615940	450930	685840	321070	379780	112340
E7EX90;Q14203-5;Q14203-2;Q14203-3;Q14203-4;Q14203-6;Q14203;Q6AWB1;REV__H0Y8C5;REV__Q5VTR2	Eukaryotic translation initiation factor 4B	EIF4B	24428000	14397000	19571000	8279600	15425000	6400300
E7EXA6;Q8WVB6-3;Q8WVB6;Q8WVB6-2;Q15813;Q15813-2	Dynactin subunit 1	DCTN1;DKFZp686E075 2	806630	464230	579900	1606000	1556500	196910
E8VZJ2;F8WDW4;H0YHX9;Q13765;E9PAV3-2;E9PAV3;F8W1N5;F8VNW4	Chromosome transmission fidelity protein 18 homolog;Tubulin-specific chaperone E	CHTF18;TBCE	336250	45763	221500	40068	50947	38326
E9PB61;Q86VB1	Nascent polypeptide-associated complex subunit alpha;Nascent polypeptide-associated complex subunit alpha, muscle-specific form	NACA	51064000	46951000	127780000	17789000	80256000	28901000
E9PB93;O15514;E9PHV4	THO complex subunit 4	ALYREF	0	0	1271800	216460	3828100	0
E9PB51;P22234;P22234-2;D6RF62	DNA-directed RNA polymerase II subunit RPB4	POLR2D	4816800	882320	4580300	0	1491000	721760
E9PC74;Q13144;C9JRD9;H7C2X0	Multifunctional protein ADE2;Phosphoribosylaminoimidazole-succinocarboxamide synthase;Phosphoribosylaminoimidazole carboxylase	PAICS	746060	247960	519020	119820	236120	121550
E9PCY7;Q8JLB6;P31943;D6RBM0;D6RIU0;D6RAM1;D6R9T0;D6RFM3;D6RIT2;D6RDU3;D6RJ04;D6RIH9;E7EQ0;E5RGV0;E7EN40;P55795;E5RGH4;D6RDL0;H0YAQ2;H0YB39;D6RF17;H0YBD7;D6R9D3;H0YBG7;E5RJ9	Translation initiation factor eIF-2B subunit epsilon	EIF2B5	1019700	1081800	1690700	1470600	3659400	1572000
4;H7C2J6;Q9NQA5	Heterogeneous nuclear ribonucleoprotein H;Heterogeneous nuclear ribonucleoprotein H, N-terminally processed;Heterogeneous nuclear ribonucleoprotein H2	HNRNPH1;HNRNPH2	40544000	15840000	36381000	27139000	22796000	9772200
E9PD53;Q9NTJ3;Q9NTJ3-2;C9JR83;C9JVD8;C9J578;C9J9E4	Structural maintenance of chromosomes protein;Structural maintenance of chromosomes protein 4	SMC4	3009700	1659600	4604900	1612700	3754800	1198600
E9PDE8;O95757;D6RJ96	Heat shock 70 kDa protein 4L	HSPA4L	105110	39154	97299	20689	22937	25465
E9PDP5;Q8IWZ3;Q8IWZ3-4;Q8IWZ3-6;H7C2F5;H3BLS9;O75179-3;D6RHC4;Q8IWZ3-5;Q8IWZ3-3;Q8IWZ3-2;O75179-5	Ankyrin repeat and KH domain-containing protein 1	ANKHD1	0	0	0	0	0	0
E9PE20;P49458-2;P49458	Signal recognition particle 9 kDa protein	SRP9	0	0	11210000	0	2026500	0
E9PE85;Q96AE4;Q96AE4-2;C9JSZ1	Far upstream element-binding protein 1	FUBP1	1307400	644240	1009700	510770	519320	247010
E9PF58;Q92747-2;Q92747	Actin-related protein 2/3 complex subunit 1A	ARPC1A	927570	423290	485050	0	0	0
E9PFK5;P78316-2;P78316	Nucleolar protein 14	NOP14	8487.4	0	103330	21372	273130	141160
E9PH82;Q8NCA5-2;Q8NCA5	Protein FAM98A	FAM98A	779400	709420	1580300	60991	1155900	621270
E9PHA2;Q15003-2;Q15003;H7C415;C9J470	Condensin complex subunit 2	NCAPH	54535	22980	297670	0	0	0
E9PHH3;H7C1K4;P18827	Syndecan-1	SDC1	0	0	448810	0	0	0
E9PHY5;O43491-3;O43491-4;O43491;J6L9B1;E9PII3;E9PK52;O43491-2;Q6ZSX4;E9PN54;Q6R5J7	Band 4.1-like protein 2	EPB41L2	409840	107510	446490	0	25160	26603
E9PSE5;E9PIA8;P50897-2;P50897	Palmitoyl-protein thioesterase 1	PPT1	1877900	1885600	3644200	0	0	0
E9PID5;F8VUB8;F8VWR9;E9PPF6;E9PJZ7;G3V200;Q13136-2;Q13136;O75334-2;O75334-4;O75334-3;O75334	Liprin-alpha-1;Liprin-alpha-2	PPFIA1;PPFIA2	462050000	259800000	363940000	52112000	49802000	38355000
E9PIF2;Q13206	Probable ATP-dependent RNA helicase DDX10	DDX10	38423	24176	45502	56994	242840	89183
E9PJD7		CYHR1	0	0	0	0	0	0
E9PJF0;E9PQW4;P27361-3;P27361;H0YEX6;E9PRH7;B3KR49;E9PBK7;P27361-2	Mitogen-activated protein kinase;Mitogen-activated protein kinase 3	MAPK3	1183700	491670	619320	157280	122410	243380
E9PMI6;E9PJF4;J3KN38;P54105	Methylosome subunit pICln	CLNS1A	0	482040	1016300	0	114330	0
E9PK85;P62070-2;P62070-3;P62070;P62070-4	Ras-related protein R-Ras2	RRAS2	291620	0	841770	0	0	0
E9PKG1;H7C211;Q99873-3;Q99873-2;Q99873-4;Q99873;E9PQ98;E9PIX6;E9PNR9;H0YDE4;A0A087X1W2;Q9NR22-2;Q9NR22	Protein arginine N-methyltransferase 1	PRMT1	6038200	3901500	5752800	3968600	4604200	2682800
E9PKH2;P50454;H0YEP8	Serpin H1	SERPINH1	913990	289320	817920	0	209910	0
E9PKP7;P17480-2;P17480;E9PLT2	Nucleolar transcription factor 1	UBTF	25127	0	184100	28551	0	0
F8VSA6;E9PS38;S4R3E9;E9PL57;Q15843	NEDD8	NEDD8;NEDD8-MDP1	7728700	7912900	10125000	4615600	6358400	3616700
E9PL69;P23921	Ribonucleoside-diphosphate reductase large subunit	RRM1	0	0	0	234000	1057700	606950
E9PNH5;E9PLI6;E9PS76;Q8N9N8	Probable RNA-binding protein EIF1AD	EIF1AD	5052300	600560	950690	1049300	1005100	0
E9PLL6;P46776;E9PJD9;E9PLX7	60S ribosomal protein L27a	RPL27A	174380000	124350000	224610000	16471000	175180000	92615000
E9PRZ9;E9PM92;O00193	Small acidic protein	C11orf58;SMAP	2893000	897000	16508000	394320	6109200	1620600
E9PN89		HSPA8	3400300	1451200	102310	1991700	1715000	1880400
E9PS42;E9PND2;E9PP21;P21291	Cysteine and glycine-rich protein 1	CSRP1	1461100	431420	0	0	0	0
E9PNR8;Q9NWT6	Hypoxia-inducible factor 1-alpha inhibitor	HIF1AN	0	609160	1004300	0	0	0
E9PPY3;O43159	Ribosomal RNA-processing protein 8	RRP8	0	488710	113150	1239100	2162400	927280
E9PQY2;Q9NQP4	Prefoldin subunit 4	PFDN4	0	0	341970	266780	283430	326400

E9PR30;P62861	40S ribosomal protein S30	FAU	5925900	10762000	10978000	115860	4587400	2896300
H0YFP2;E9PS41;Q6RFH5-2;Q6RFH5	WD repeat-containing protein 74	WDR74	1347900	0	1083300	1483800	3656000	1690900
F2Z289;Q9BSJ2;Q9BSJ2-4;Q9BSJ2-3;B3KTU7	Gamma-tubulin complex component 2	TUBGCP2	550780	121870	719860	26857	0	0
F2Z2E2;Q86VI3;E9PDT6;E7EWC2;F5H7S7;Q13576-3;Q13576-2;Q13576	Ras GTPase-activating-like protein IQGAP3	IQGAP3	0	0	0	0	0	0
F2Z2K0;Q9UNZ2-6;Q9UNZ2;Q9UNZ2-5	NSFL1 cofactor p47	NSFL1C	1087000	384080	802440	0	233940	0
F2Z2W6;F2Z2Y5;H7BXJ5;P05114	Non-histone chromosomal protein HMG-14	HMGN1	0	0	0	0	0	0
F2Z2W7;Q8IZ69-2;Q8IZ69;C9K041;H7C100	tRNA (uracil-5-)-methyltransferase homolog A	TRMT2A	1635400	436100	1508100	425680	1877300	1054900
F2Z388;P42766;REV__Q9P209	60S ribosomal protein L35	RPL35	426500000	263210000	615250000	263490000	748650000	538900000
F5GWA4;Q9H3F6-2;Q9H3F6	BTB/POZ domain-containing adapter for CUL3-mediated RhoA degradation protein 3	KCTD10	1050500	816390	942980	0	129040	186470
F5GWX5;Q14839;Q14839-2;O75052	Chromodomain-helicase-DNA-binding protein 4	CHD4	61650	8428.8	174190	0	62363	15643
F5H5V4;F5GX23;I3KN29;O00233-2;O00233;F5H7X1;F5H169	26S proteasome non-ATPase regulatory subunit 9	PSMD9	776650	209660	654650	0	0	0
F5GXI64;P38935;F5H5K3;H3BRR1	DNA-binding protein SMUBP-2	IGHMBP2	0	204670	213420	0	110370	98130
F5GX77;C9UI30-2;C9UI30;F5GYQ2	Multifunctional methyltransferase subunit TRM112-like protein	TRMT112	11499000	6920800	10811000	6893400	6034700	4471800
F5GXT8;F5H796;Q9NR28-2;Q9NR28-3;Q9NR28	Diablo homoloq, mitochondrial	DIABLO	595000	857660	1783100	0	501190	0
F5GXV8;F5GY08;I3KFD3;Q9Y580;F5H674;F5H606;G3V119;I3L521	RNA-binding protein 7	RBM7	1386200	598140	959710	2389100	2859900	1486300
F5GXW1;H0Y7H7;H0Y589;Q8N1I0-2;Q8N1I0;Q8N1I0-3	Dedicator of cytokinesis protein 4	DOCK4	0	0	17258	0	0	0
F5GXW5;Q99622;U3KQB5;U3KQ07	Protein C10	C12orf57	2552400	430470	2082600	0	508990	0
F5GY05;Q96EK7-2;Q96EK7	Constitutive coactivator of peroxisome proliferator-activated receptor gamma	FAM120B	813140	396170	565840	394060	543280	161370
F5GYK2;Q9NRL3;Q9NRL3-3;M0QXN2;M0R2A7;M0QYS2;M0R0P4;M0R0W8;M0R317;R4GN16;M0QZM0;Q9NRL3-2	Striatin-4	STRN4	1069200	230860	366180	0	116750	0
F5H867;F5H0E2;H0YFS2;F5GZS6;I3KPF3;P08195-2;P08195-3;P08195;P08195-4	4F2 cell-surface antigen heavy chain	SLC3A2	343720	124160	755650	0	127460	0
H0YI30;G3V582;F5H039;Q9NQX3;Q9NQX3-2	Gephyrin;Molybdopterin adenylyltransferase;Molybdopterin molybdenumtransferase	GPHN	0	0	200330	0	0	0
F5H1D6;Q07864;F5H7E4	DNA polymerase;DNA polymerase epsilon catalytic subunit A	POLE	65249	30047	207180	8517.3	33184	27452
F5H159;G8JLB3;Q9Y606-2;Q9Y606;F5GY32	tRNA pseudouridine synthase;RNA pseudouridine synthase A, mitochondrial	PUS1	187510	90176	1078300	250330	656180	413150
F5H2F4;P11586	C-1-tetrahydrofolate synthase, cytoplasmic;Methylenetetrahydrofolate dehydrogenase;Methenyltetrahydrofolate cyclohydrolase;Formyltetrahydrofolate synthetase;C-1-tetrahydrofolate synthase, cytoplasmic, N-terminally processed	MTHFD1	1710000	732770	1798000	831040	1893900	618020
F5H2T0;O95163	Elongator complex protein 1	IKBKAP	811810	340050	854860	316290	437110	117140
F5H5U2;Q8NHQ9;E7EX41;Q8NHQ9-2	ATP-dependent RNA helicase DDX55	DDX55	733680	331510	1347900	874640	1617000	595770
F5H669;Q8N684-2;Q8N684;Q8N684-3;I3Q1S4;F5H6M0;F5H047;F5H587;F5H1W4;F5H2K8;F5H6P5;F5H6A8;F5GXA3;C9JM38;C9J286;C9J323	Cleavage and polyadenylation specificity factor subunit 7	CPSF7	1845700	1812800	2367400	950410	1195300	478500
F5H6T1;P61160;P61160-2	Actin-related protein 2	ACTR2	214560	0	0	0	0	0
F5H8J2;H7BZ94;P07237;H0Y3Z3;I3N103;I3L398;I3L050;I3L3U6;I3L312;I3L514;I3L4M2;I3L1Y5;I3L3P5	Protein disulfide-isomerase	P4HB	6675100	2417500	4788500	2398000	2838400	999490
H3BTB3;H3BMQ5;H3BN59;I3L0H8;F6QD50;H3BQK0;Q9UMR2-2;Q9UMR2-4;Q9NIU7;Q9UMR2	ATP-dependent RNA helicase DDX19B;ATP-dependent RNA helicase DDX19A	DDX19A;DDX19B	222740	71822	851860	0	0	0
F6S8N6;H7BY58;P22061;P22061-2	Protein-L-isoaspartate O-methyltransferase;Protein-L-isoaspartate(D-aspartate) O-methyltransferase	PCMT1	334990	512960	776120	519300	589330	354060
F6WQW2;P43487-2;P43487;C9JXG8;C9JJ34;C9JDM3;C9JGV6;C9JIC6;Q5T0Z6;Q9C010;Q9C010-2	Ran-specific GTPase-activating protein	RANBP1	9087900	3737800	8823600	3178500	4253700	2442800
F8WNY3;P45973	Chromobox protein homolog 5	CBX5	1829800	0	0	0	0	0
F8VQF4;F8VRS8;F8W145;F8VP97;F8VV52;Q9NZN8-2;Q9NZN8-4;Q9NZN8	CCR4-NOT transcription complex subunit 2	CNOT2	0	443990	773000	0	145610	0
F8VPD4;P27708;H7C2E4	CAD protein;Glutamine-dependent carbamoyl-phosphate synthase;Aspartate carbamoyltransferase;Dihydroorotase	CAD	261880	90403	222990	153320	261960	145900
H0YH87;F8WB06;F8VQP2;V9GY86;Q99700-2;Q24JQ7;Q99700-4;Q99700;F8VVY6;F8W0B5	Ataxin-2	ATXN2	0	0	0	84705	86428	38493
F8VR82;F8VYE8;P36873;P36873-2;A0A087WYY5;F8W0W8	Serine/threonine-protein phosphatase;Serine/threonine-protein phosphatase PP1-gamma catalytic subunit	PPP1CC	4366700	1036000	5094600	2440800	3117000	1744400
F8VTY2;Q8NFH4	Nucleoporin Nup37	NUP37	1089300	463910	1193500	0	54105	0
F8VV32;P61626	Lysozyme;Lysozyme C	LYZ	975800	1274300	1844200	400550	928960	452300
F8VVL1;O43583	Density-regulated protein	DENR	4336100	2710700	4918800	1819900	1469500	0
F8VW28		PPP1R12A	0	0	385420	0	201420	0
F8VW50;Q2TAC6;Q2TAC6-3;Q2TAC6-2	Kinesin-like protein;Kinesin-like protein KIF19	KIF19	753660	450370	850290	532460	1107500	368490
F8VXG7;Q99590-2;Q99590	Protein SCAF11	SCAF11	44781	54002	59723	24490	0	0
F8VXU5;Q9UBQ0;Q9UBQ0-2;Q05DG7	Vacuolar protein sorting-associated protein 29	VPS29	21089000	6842700	13184000	1615500	1282100	513920
F8VZY9;P05783;CON__H-INV:HIT000015463	Keratin, type I cytoskeletal 18	KRT18	4446500	7823400	11641000	9852800	9213500	12445000
F8W031;F8W1K5;F8VXJ7;Q9Y2B0	Protein canopy homolog 2	CNPY2	103120	80186	392390	0	102330	46310
F8W116;Q13561;Q13561-3;Q13561-2;F8VW18;F8VX93;H0YHL1;F8VRV7;H0YI98;F8W0U6	Dynactin subunit 2	DCTN2	3862500	860590	1061500	1034700	475780	430050
F8W1R7;G3V1V0;P60660-2;P60660;J3KND3;G8JLA2;B7Z6Z4;G3V1Y7;F8VPF3;H0Y143;F8VZU9;F8W1I5;F8W180;P14649;F8VXL3	Myosin light polypeptide 6	MYL6	20976000	12882000	19931000	1705800	2170700	1134200
F8W543		NAP1L1	0	0	0	0	277290	0
F8W6I7;P09651-3;P09651-2;P09651;F8VTQ5;Q32P51;F8VZ49;F8W646;H0YH80;F8VYN5	Heterogeneous nuclear ribonucleoprotein A1;Heterogeneous nuclear ribonucleoprotein A1, N-terminally processed;Heterogeneous nuclear ribonucleoprotein A1-like 2	HNRNPA1;HNRNPA1L2	41893000	22855000	59377000	45905000	71771000	41986000
F8W726;Q14157-4;Q14157-1;Q14157-3;Q14157;Q14157-5;H0YSH6;H7C2T8	Ubiquitin-associated protein 2-like	UBAP2L	118340	0	318290	0	154910	25040
F8W7C6;A0A087WV22;H7C123;H7C2C5	RPL10	RPL10	65723000	30676000	81460000	47512000	65891000	24320000
J3QSX6;Q5JVV3;H0Y3K7;F8WBM4;Q5T6N4;O14639-4;O14639-3;O14639-5;O14639-2;O14639-6;O14639	Actin-binding LIM protein 1	ABLIM1	0	0	0	0	0	0
F8W914;Q9NQC3-2;Q9NQC3-5;Q9NQC3;H7C106;Q9NQC3-3;Q9NQC3-4;Q9NQC3-6	Reticulon;Reticulon-4	RTN4	3953700	3360900	4696900	637880	1253200	609500
F8W930;Q9Y6M1-5;Q9Y6M1-6;Q9Y6M1-3;Q9Y6M1-4;Q9Y6M1-1;Q9Y6M1	Insulin-like growth factor 2 mRNA-binding protein 2	IGF2BP2	6053000	2655000	9634900	6948900	14136000	6350400
F8WAJ0;Q9H8H2-4;Q9H8H2-2;Q9H8H2	Probable ATP-dependent RNA helicase DDX31	DDX31	0	27968	135810	117950	431430	202650
F8WAS9;Q6P1Q9	Methyltransferase-like protein 2B	METTL2B	3355400	0	3530300	2302700	1285800	1916300
F8WB69;O94888	UBX domain-containing protein 7	UBXN7	645110	542250	1555800	0	0	0
F8WCI3;Q96SN8-4;Q96SN8-3;Q96SN8-2;Q96SN8;F8WFS5;B1AMJ5	CDK5 regulatory subunit-associated protein 2	CDK5RAP2	0	0	0	0	0	0
F8WCR5;H7C2U6;Q9BPW8	Protein NipSnap homolog 1	NIPSNAP1	1109100	977130	2933200	0	862570	0
F8WD66;P86791;P86790	Vacuolar fusion protein CCZ1 homolog;Vacuolar fusion protein CCZ1 homolog B	CCZ1B;CCZ1	958780	0	359300	0	0	0
F8WDT8;G3V0G3;Q9NY93-2;Q9NY93;F8WEI3;H7C3E9	Probable ATP-dependent RNA helicase DDX56	DDX56	448710	505190	1028400	308260	1137300	686790
F8WJN3;Q16630-3;Q16630;Q16630-2;F8W084	Cleavage and polyadenylation specificity factor subunit 6	CPSF6	5789300	4165700	6280300	274460	492680	395580
G3V0E5;P02786	Transferrin receptor protein 1;Transferrin receptor protein 1, serum form	TFRC	1567200	206240	949360	0	0	0
G3V1D4;H0YIA8;Q9NUP3;O14910;J3KN23;H0YI92;Q9HAP6	Protein lin-7 homolog C;Protein lin-7 homolog A;Protein lin-7 homolog B	LIN7C;LIN7A;LIN7B	2145700	974130	2253500	0	971650	745860
G3V203;I3QQ67;Q07020;H0YHA7;Q07020-2;F8VUA6;F8VYV2;A0A075B7A0;F8VXR6	60S ribosomal protein L18	RPL18	229060000	161790000	301890000	297160000	320390000	242050000
V9GY54;G3V3G9;Q5TAQ9	DDB1- and CUL4-associated factor 8	DCAF8	306220	122380	236690	0	0	0
G3V3M6;P27695;G3V3C7;G3V5Q1;G3V5D9;G3V5M0;G3V359;G3V2D9;H7C4A8;G3V3Y6	DNA-(apurinic or apyrimidinic site) lyase;DNA-(apurinic or apyrimidinic site) lyase, mitochondrial	APEX1	23034000	11515000	26906000	28605000	46671000	27256000
G3V4F7;P61011-2;P61011	Signal recognition particle 54 kDa protein	SRP54	1015800	405520	467490	549570	1211700	386820
G3V4P8;P60983;G3V3X4;M0R1D2;M0R0C1;M0QYJ8;O60234	Glia maturation factor beta	GMFB	23428000	6373900	10990000	121680	0	104610
G3V5E4;G3V4W4;Q96EK6	Glucosamine 6-phosphate N-acetyltransferase	GNPNAT1	0	0	1138600	0	0	0
G3V4X1		MAC1	9427100	4158500	6643500	155450	0	0
G3V4X5		PSMA3	85523000	56508000	64123000	35545000	33421000	32731000
G3V5Z9;Q9GZR7;Q9GZR7-2;F5GYL3;A0A087WXU8	ATP-dependent RNA helicase DDX24	DDX24	71051	156720	498070	595010	1400100	502980
H0YIZ6;G3V5A5;G3V541;Q9H6D7;H0YJ09;G3V5Z2;G3V4X7;Q9H6D7-3;Q9H6D7-4;G3V2I5;Q9H6D7-2	HAUS augmin-like complex subunit 4	HAUS4	468060	632750	355300	88936	0	0
G3V5T9;P24941-2;P24941;E7ESI2;G3V317	Cyclin-dependent kinase 2	CDK2	1317500	475250	1192200	148050	462160	352240
G3V5Z7;P60900;G3V295;P60900-2;G3V3I1;P60900-3;G3V3U4;H0YJC4;G3V4S5;G3V2S7	Proteasome subunit alpha type;Proteasome subunit alpha type-6	PSMA6	2123600000	1304600000	1535600000	1063900000	893990000	621240000
G3XAG3;I3QRG6;P42771-3;P42771;P42771-4	Cyclin-dependent kinase inhibitor 2A	CDKN2A	0	388660	381470	0	0	0
G3XAM7;P35221;P35221-2;P35221-3;E5RJ41;E5RIB1;P26232-4;P26232-6;P26232-3;P26232-2;P26232-5;P26232	Catenin alpha-1	CTNNA1	271690	33879	102140	0	84422	18781
G5E933;O95248;O95248-4	Myotubularin-related protein 5	SBF1	0	0	0	0	47536	34588
G5E972;P42167-3;P42167-2;P42167;P42166	Lamina-associated polypeptide 2, isoforms beta/gamma;Thymopoietin;Thymopentin;Lamina-associated polypeptide 2, isoform alpha;Thymopoietin;Thymopentin	TMPO	50908	0	220610	0	177150	28810
G5E9D5;Q9BQS2-4;Q9BQS2;E7E568;Q9BQS2-3;J3QRS2;V9GYU5;J3QL08;J3QLK4;V9GYS7;Q9BQS2-2;V9GZ72	Zinc phosphodiesterase ELAC protein 2	ELAC2	634050	367350	743250	213090	614930	336910
G5EA31;P53992-2;P53992	Protein transport protein Sec24C	SEC24C	306620	162470	146300	82809	57884	0
H0Y3X6;Q9H3P2;H7C2C7;Q9H3P2-7;C9JEM7;C9JHL4	Negative elongation factor A	NELFA	308830	235550	349480	45470	116140	0
H0Y4S9;O00505	Importin subunit alpha-4	KPNA3	6969100	488030	982290	3682500	1854500	410420
H0Y4T6;J3KMW3;H0Y8P6;H0Y610;Q9Y237;Q9Y237-3;Q9Y237-2	Peptidyl-prolyl cis-trans isomerase NIMA-interacting 4	PIN4	2133300	890450	2801400	905440	1987800	1171300
H0Y5S9;H0Y682;P49674	Casein kinase I isoform epsilon	CSNK1E	2386200	867870	2122500	1408200	1809800	405180
H0Y6V3;H0Y7V8;H0Y5V1;Q5VT25-3;Q5VT25-4;Q5VT25-5;Q5VT25;Q5VT25-2;Q5VT25-6;H0Y6R0	Serine/threonine-protein kinase MRCK alpha	CDC42BPA	197990	92153	120480	0	202660	77301
H0Y650;Q86Y56-2;Q86Y56;E9PGY2	Dynein assembly factor 5, axonemal	DNAAF5	187570	101160	203030	0	0	0
H0Y6U5;Q86X02;Q86X02-2;F8WE06	Condensin-2 complex subunit G2	NCAPG2	856060	370050	864570	366650	506250	229050
H0Y7A7;P62158;E7ETZ0;E7EMB3;Q96HY3;M0QZ52;G3V361;F8WBR5;G3V479;G3V226;P27482;C9J779;P0285	Calmodulin	CALM2;CALM1;CALM3	78433000	50037000	79503000	10726000	14457000	8204100
H0Y8E6;P49736	DNA replication licensing factor MCM2	MCM2	275300	186940	973150	95614	37201	27721
H0YA96;H0YBG5;Q14103-4;Q14103-3;Q14103-2;Q14103;D6RAF8;D6RF44;D6RD83;D6RBQ9	Heterogeneous nuclear ribonucleoprotein D0	HNRNPD	56589000	26670000	80099000	33211000	64686000	26819000
H0Y8J6;O95486-2;O95486	Protein transport protein Sec24A	SEC24A	1166700	0	0	0	0	0
H0Y8Y2;Q8NFC6	Biorientation of chromosomes in cell division protein 1-like 1	BOD1L1	0	0	0	132080	0	0
H0YE76;H0YCB3;Q8N9N2-2;Q8N9N2;H0YER2;E9PM82;E9PR40	Activating signal cointegrator 1 complex subunit 1	ASCC1	8817400	595750	10504000	1445700	1720100	1788400
H0YCX3;P55265-5;P55265-3;P55265-2;P55265;P55265-4	Double-stranded RNA-specific adenosine deaminase	ADAR	43615	51177	296710	147180	337400	171320
H0YCM7;Q5JVZ5;Q96JJ3-3;Q96JJ3;Q5JVZ8;Q5JW01;Q92556-2;Q92556-3;Q92556	Engulfment and cell motility protein 2;Engulfment and cell motility protein 1	ELMO2;ELMO1	285440	104360	0	210840	268340	27694
H0YCN4;Q9BTE7;E9PQV9;E9PM04	DCN1-like protein;DCN1-like protein 5	DCUN1D5	2759200	1027600	2174900	288180	1172500	854530
H0YDP6;H0YEL0;O14893-3;O14893-2;O14893;G5EA29	Gem-associated protein 2	GEMIN2	3229400	1656700	4206300	2986700	6683800	1865700
H0Y137;H0YH81;P06576	ATP synthase subunit beta;ATP synthase subunit beta, mitochondrial	ATP5B	5069800	7931900	6258200	4374600	2491400	1854500
H0YHF6;O94952-1;O94952;H0YIE9	F-box only protein 21	FBXO21	934080	1604400	3824500	917920	533310	97680
H0YIZ0;P34897-3;P34897-2;P34897;G3V2Y4	Serine hydroxymethyltransferase;Serine hydroxymethyltransferase, mitochondrial	SHMT2	661090	564490	1168200	1014600	1234800	967460
H0Y303		PSMA3	3024000	4143000	2655400	577350	1377000	740550
H0YKD8;P46779;P46779-2;P46779-3;H0YLP6;H0YMF4;P46779-4;P46779-5	60S ribosomal protein L28	RPL28	198130000	122250000	267150000	163840000	316620000	215710000
H0YLW7;H0YMW8;H0YNF3;H0YMR6;H0YLE6;H0YL55;H7BXE3;Q9NWH9	SAFB-like transcription modulator	SLTM	499000	746690	1790400	1650200	3103400	1668500
H0YLA2;P37108	Signal recognition particle 14 kDa protein	SRP14	50387000	30098000	58281000	46469000	107830000	49564000
H0YM23;O75179-6;O75179-7;O75179-2;O75179;H0YLQ3;O75179-4	Ankyrin repeat domain-containing protein 17	ANKRD17	607330	190740	463010	265980	418070	133260
H0YM91;J3KP65;O15178-2;O15178	Brachyury protein	T	0	0	716210	0	0	0
H0YMV8;Q71UM5;C9JL1C;9J1C5	40S ribosomal protein S27;40S ribosomal protein S27-like	RPS27L	4079800	3025100	9021900	704270	7995000	2716200
H0YN26;P39687;O95626;O43423;H7BZ09;Q5T6W8	Acidic leucine-rich nuclear phosphoprotein 32 family member A	ANP32A	33091000	14230000	33502000	13549000	9848300	6879400
H0YN81;Q9GZS3;H0YL19;H0YMF9;H0YM76;H3BQA8;H0YLA1	WD repeat-containing protein 61;WD repeat-containing protein 61, N-terminally processed	WDR61	36846000	17858000	27003000	14592000	18801000	14066000
H3BLZ8;Q92841-1;Q92841-3;Q92841;Q92841-2	Probable ATP-dependent RNA helicase DDX17	DDX17	15702000	11797000	29098000	15763000	30585000	14945000
H3BM45;Q8N957	Ankyrin repeat and fibronectin type-III domain-containing protein 1	ANKFN1	751670	379460	412250	218580	182770	59792
H3BMH2;H3BSC1;P62491-2;Q15907-2;P62491;Q15907;B4DQU5	Ras-related protein Rab-11A;Ras-related protein Rab-11B	RAB11A;RAB11B	8485600	5666000	7575300	1958400	1087100	861460
H3BMZ1;H3BRL8;H3BFZ1;H3BS72;Q9P035-2;Q9P035	Very-long-chain (3R)-3-hydroxyacyl-CoA dehydratase 3	HACD3	294580	0	332720	0	0	0
H3BP76;H3BUK7;H3BNF6;H3BRL2;H3BQK6;Q14764	Major vault protein	MVP	7086100	5564700	0	8008800	14610	1017300
H3BS83;H3BNT4;Q99547	M-phase phosphoprotein 6	MPHOSPH6	579310	366530	769440	8229300	11742000	5716700
H3BP71;O75150-4;O75150;A0A087WTK2;O75150-3;REV__F5GXW3;REV__F5H4F8;REV__Q8TBY8-3;REV__Q8TBY8-2;REV__Q8TBY8;REV__G3V1Q7;REV__A6NE52	E3 ubiquitin-protein ligase BRE1B	RNF40	1573500	760960	1210300	742680	1675900	708580
H3BPE1;H3BQK9;Q9UPN3-3;Q9UPN3-2;Q9UPN3-4;Q9UPN3;H0Y390;Q9UPN3-5;E9PNZ4;E9PLY5;H0YD69;E9PLY0;H0Y314	Microtubule-actin cross-linking factor 1, isoforms 1/2/3/5	MACF1	381210	137000	343890	2893.8	14620	6504.6
H3BPE7;P35637-2;P35637	RNA-binding protein FUS	FUS	21140000	17847000	24486000	35414000	57553000	30456000
H3BPK3;H3BPQ4;Q16775-2;Q16775;H3BQW8;Q16775-3	Hydroxyacylglutathione hydrolase, mitochondrial	HAGH	902880	433370	890830	658320	643250	273620
H3BSW3;H3BQF1;H3BQZ9;P07741-2;P07741	Adenine phosphoribosyltransferase	APRT	654360	0	264380	220080	198060	85480
H3BRL3;O14562;H3BUM8	Ubiquitin domain-containing protein UBFD1	UBFD1	3212500	1768100	2959000	0	134120	58312
H3BRS3;Q9Y4R8	Telomere length regulation protein TEL2 homolog	TELO2	659000	372140	995290	139880	211320	58746
H3BS42;Q9H5I4	Zinc finger protein 768	ZNF768	559650	287720	667100	86064	281410	41630
H3BSM5;P60520;H3BQ50	Gamma-aminobutyric acid receptor-associated protein-like 2	GABARAPL2	3360800	324250	1288500	0	0	0
H3BTN5;P14618-2;P14618;P14618-3;H3BT25;H3BUW1;H3BTJ2;H3BQ34;H3BR70;P30613-2;P30613;H3BN34;H3BGZ3;H3BU13	Pyruvate kinase;Pyruvate kinase PKM	PKM	1018000	605930	1283900	64601	527960	275140
H3BUF6;Q8WWM7-6;Q8WWM7-8;Q8WWM7-5;Q8WWM7-4;Q8WWM7-9;Q8WWM7-2;Q8WWM7;Q8WWM7-3;H3BSK9;Q8WWM7-7	Ataxin-2-like protein	ATXN2L	154420	159330	694530	747330	2023600	679760
H7BXY3;Q7L2E3-3;Q7L2E3;Q7L2E3-2	Putative ATP-dependent RNA helicase DHX30	DHX30	2609800	1591400	3402300	2401100	3534200	1848600
H7BYY1;F5H7S3;B7Z596;P09493-2;H0YK48;P09493-5;P09493-8;P09493-7;H0YNC7;P09493-6;H0YL42;H0YK20;H0YN06	Tropomyosin alpha-1 chain	TPM1	7309300	7216400	14140000	0	310900	56199
H7BZE2;Q15654	Thyroid receptor-interacting protein 6	TRIP6	868740	226750	0	0	0	0
H7BZU3;P31939-2;P31939	Bifunctional purine biosynthesis protein PURH;Phosphoribosylaminoimidazolecarboxamide formyltransferase;IMP cyclohydrolase	ATIC	1178000	522480	1303600	0	439420	0
H7C2R6;H7BZW1;P57076;C9JX57;D3DSE6;C9J818;F8VZ95	UPF0769 protein C21orf59	C21orf59	1951900	1050500	2281100	390830	1410900	873700
H7BZW2;Q6P2H3-3;Q6P2H3-4;Q6P2H3-2;Q6P2H3	Centrosomal protein of 85 kDa	CEP85	193150	232750	234940	0	0	0
H7C2B1;Q9UMY1-2;Q9UMY1	Nucleolar protein 7	NOL7	0	1169400	855050	3107700	3252400	2775600
H7C2Q8;Q99848	Probable rRNA-processing protein EBP2	EBNA1BP2	4049700	2336400	5659600	14349000	25758000	14636000

H7C3P9;Q9UNS2-2;Q9UNS2;K7ES36;C9JLV5	COP9 signalosome complex subunit 3	COPS3	1414400	741700	1440600	614880	844730	363470
H7C3T4;Q13162	Peroxiredoxin-4	PRDX4	244810	313690	1223900	80622	395690	259490
H7C492;Q9Y276	Mitochondrial chaperone BCS1	BCS1L	0	212170	634790	0	0	0
H8Y6P7;P0CAP2-2;P0CAP2-3;P0CAP2	DNA-directed RNA polymerase II subunit GRINL1A	GCOM1;POLR2M	88984	88621	100870	106150	49837	38929
I3L0N3;P46459-2;P46459	Vesicle-fusing ATPase	NSF	783120	90208	533130	0	0	0
I3L1P5;O14964-2;O14964	Hepatocyte growth factor-regulated tyrosine kinase substrate	HGS	0	0	0	0	0	0
I3L2B0;I3L318;K7EIG1;O75153	Clustered mitochondria protein homolog	CLUH	140140	73995	462490	0	87642	33794
I3L2C7;P57678;E7EN12;I3L4M4;I3L4A4;I3L399	Gem-associated protein 4	GEMIN4	866980	480870	1100600	817380	1717000	734870
I3L397;I3L504;P63241;P63241-2;F8WCJ1;C9J7B5;C9J4W5;Q9GZV4;Q6IS14	Eukaryotic translation initiation factor 5A;Eukaryotic translation initiation factor 5A-1	EIF5A	107110000	50340000	149450000	19273000	34337000	14951000
I3L3P7;P62244;H3BVC7;I3L246;H3BV27;H3BT37;I3L303	40S ribosomal protein S15a	RPS15A	178370000	130010000	265430000	156720000	302270000	122790000
I3L4J1;Q9UN37	Vacuolar protein sorting-associated protein 4A	VPS4A	1654100	230450	416670	0	0	105680
I3KN10;P42356-2;P42356	Phosphatidylinositol 4-kinase alpha	PI4KA	88625	41138	94419	0	0	0
I3KN67		TPM3	6324600	403570	5370900	0	0	0
I3KNL6;O15027-2;O15027-4;O15027-3;O15027;O15027-5;Q8N9G1;X6RGP5	Protein transport protein Sec16A	SEC16A	643450	346900	554440	128320	178460	88513
I3KNS1;Q9UPW5-2;Q9UPW5;Q9UPW5-3;Q5VZW3;J3KQF5;Q96MI9-2;Q96MI9-3;Q96MI9	Cytosolic carboxypeptidase 1;Cytosolic carboxypeptidase 4	AGTPBP1;AGBL1	63486	0	143620	37477	156480	35615
Q5SQL3;I3KP92;Q86Z02-4;Q86Z02-3;Q86Z02-2;Q86Z02	Homeodomain-interacting protein kinase 1	HIPK1	4755200	1043900	3021000	594700	99688	300200
I3KPS3;P04075;H3BQN4;P04075-2;H3BPS8;H3BUH7;H3BMQ8;H3BRO4;H3BR68;H3BU78;Q5T7D5;A0A087WXX2;P05062	Fructose-bisphosphate aldolase;Fructose-bisphosphate aldolase A	ALDOA	43717000	17187000	45767000	18706000	21429000	14885000
I3KQ32;Q9NTK5;Q9NTK5-2;Q9NTK5-3;C9JTK6;C9JCJ9	Obg-like ATPase 1	OLA1	8770100	2495800	9557800	11042000	17456000	7401900
I3KQ34;I3KQ41;Q9H9Q2;Q9H9Q2-3	COP9 signalosome complex subunit 7b	COPS7B	755930	0	229500	0	0	0
I3KR24;P41252;Q5TCC4;Q5TCC5;Q5TCD2;Q5TCD1;Q5TCC6	Isoleucine--tRNA ligase, cytoplasmic	IARS	6252800	3879500	8549400	4583500	9937400	4135700
I3KRA9;Q96Q15-2;Q96Q15;Q96Q15-4;Q96Q15-3;A0A087WVM7;E9PNF6;REV__P51888;I3L400;I3L0W2;H0Y304;A0A087WV90;E9PDN5;A0A087WTU7;A0A075B6G3;P11532-3;P11532-2;P11532-4;P11532	Serine/threonine-protein kinase SMG1	SMG1	37950	20702	173920	35364	170540	36021
I3QR85;I3KSR7;Q9Y5J1	U3 small nucleolar RNA-associated protein 18 homolog	UTP18	0	227480	567810	1060400	1760900	0
I3KSW6;Q8IX18-3;Q8IX18;I3KSX9;I3KSX8;I3KTK0;Q8IX18-4;Q8IX18-2	Probable ATP-dependent RNA helicase DHX40	DHX40	1078600	719280	1262700	933440	515460	533570
I3KTA4;P17844-2;P17844;I3QRQ7;I3QR02;I3KRX8;I3QSF1;I3KRZ1;X6RLV5;I3QKN9	Probable ATP-dependent RNA helicase DDX5	DDX5	5375300	5129200	8688200	8275000	14070000	7410500
I3QR09;I3KTE4;P84098;I3QL15	Ribosomal protein L19;60S ribosomal protein L19	RPL19	281180000	152550000	347870000	262280000	491970000	267590000
I3KTI3;O95544-3;O95544;O95544-2	NAD kinase	NADK	0	0	0	0	0	0
I3KTL2;Q07955-3;Q07955;Q07955-2;I3QQV5;I3KSW7;I3KSR8	Serine/arginine-rich splicing factor 1	SRSF1	311790	74427	116760	43093	214750	110220
I3QLI9;P62314	Small nuclear ribonucleoprotein Sm D1	SNRPD1	1190100	2198600	2586200	2362400	0	0
I3QQW9;Q15022	Polycomb protein SUZ12	SUZ12	138690	114510	230250	42139	0	0
I3QRS3;P19105;O14950;P24844;I3KTJ1;P24844-2	Myosin regulatory light chain 12A;Myosin regulatory light chain 12B;Myosin regulatory light polypeptide 9	MYL12A;MYL12B;MYL9	2555300	850850	1526200	0	0	0
I3QRS9;X6R4W8;O43670-2;O43670;O43670-3;I3KS31;I3QS27;I3KTL1;I3KRB6;I3KRW6;H0Y3M2	BUB3-interacting and GLEBS motif-containing protein ZNF207	ZNF207	2644900	2259400	1601500	1697400	2046200	601100
I3QT28;O43684-2;O43684;I3QSX4	Mitotic checkpoint protein BUB3	BUB3	19847000	10097000	11921000	6385600	4800700	3645600
K4D193;Q13620-3;Q13620-1;Q13620;A6NE76;Q13619-2;Q13619	Cullin-4B	CUL4B	93371	0	0	0	51732	0
K7EM02;K7EU8;Q8IYT4-2;Q8IYT4	Katanin p60 ATPase-containing subunit A-like 2	KATNAL2	6647200	6096600	6895100	0	0	0
K7EIP6;P51148;P51148-2	Ras-related protein Rab-5C	RAB5C	7774800	4816100	6358900	1970200	1201200	682520
K7EJ19;K7EIU7;K7EPK2;O43776-2;O43776;K7EMQ6;K7EQ35	Asparagine--tRNA ligase, cytoplasmic	NARS	881830	466040	1864600	1411700	2383400	987280
K7EIY6;Q9BV68-2;Q9BV68;U3KQF4;U3KPY8	E3 ubiquitin-protein ligase RNF126	RNF126	3195600	1253400	2660600	0	687750	407060
K7EJY5;Q6P1N0-2;Q6P1N0	Coiled-coil and C2 domain-containing protein 1A	CC2D1A	328410	151730	279940	208990	259540	178040
K7EL20;O75821;K7ER90;K7ENA8;K7EP16;K7EL60;K7ENH0	Eukaryotic translation initiation factor 3 subunit G	EIF3G	29252000	17407000	35121000	26831000	48879000	27756000
K7ELC2;S4R456;K7EM56;K7EI78;S4R417;K7EQJ5;P62841;REV__B4DHD0	40S ribosomal protein S15	RPS15	70572000	23343000	67149000	50684000	96085000	9974900
K7ELG9;Q3MHD2;Q3MHD2-2	Protein LSM12 homolog	LSM12	0	0	0	0	620920	304570
K7ELL7;P14314-2;P14314	Glucosidase 2 subunit beta	PRKCSH	639620	92642	465970	88667	267480	101560
K7EM13;P10644-2;P10644	cAMP-dependent protein kinase type I-alpha regulatory subunit;cAMP-dependent protein kinase type I-alpha regulatory subunit, N-terminally processed	PRKAR1A	767860	0	253830	0	160500	0
K7EM18;P41567	Eukaryotic translation initiation factor 1	EIF1	10929000	5991500	9577900	5464500	12734000	4181000
K7ENR6;Q969U7-2;Q969U7;V9GZ55;K7ER45	Proteasome assembly chaperone 2	PSMG2	183610000	71328000	98543000	77715000	52484000	35516000
K7ERF1;Q9UBQ5;K7ES31;K7EMQ9;Q9UBQ5-2;A0A087WVB9;K7EKS3;K7EQM4	Eukaryotic translation initiation factor 3 subunit K	EIF3K	9778300	8680500	16304000	5585400	14576000	9495300
K7ERI7;K7EMH1;P35268;K7EIT5;K7EP65;K7EKS7;K7ELC4	60S ribosomal protein L22	RPL22	317920000	245760000	534280000	273470000	657510000	350970000
Q3HM38;X6R2P6;K7ES7J;O14737;O14737-2	Programmed cell death protein 5	PDCD5	2388500	2031100	3160900	0	578300	415200
K7ESL1;P83876	Thioredoxin-like protein 4A	TXNL4A	0	0	0	942470	0	0
M0R0P1;M0R299;M0QXL5;M0R2Q4;P22087;M0R2U2;M0R1H0;M0R2B0	rRNA 2-O-methyltransferase fibrillarin	FBL	708690	1080100	3598100	1174900	4010000	2243800
M0QXS5;P14866;P14866-2;M0QYT0;M0R1W6;M0R076;B4DVF8;M0QYL7	Heterogeneous nuclear ribonucleoprotein L	HNRNPL	18610000	9912500	17986000	14591000	16377000	9181000
M0QXZ5;Q96B54	Zinc finger protein 428	ZNF428	5720400	1315000	2470300	922900	1169300	754430
M0R2P8;M0R3A4;M0QYA2;Q9NWS0	PIH1 domain-containing protein 1	PIH1D1	324270	553930	1336000	58775	442580	230390
M0QZC5;P62280;M0R1H6;M0R1H5	40S ribosomal protein S11	RPS11	447120000	222350000	551300000	375980000	677210000	318540000
M0QZJ4;Q8IVJ0	Phospholipase D3	PLD3	637100	510190	994730	0	0	0
M0R0F0;P46782;M0R0R2;M0QZN2	40S ribosomal protein S5;40S ribosomal protein S5, N-terminally processed	RPS5	421340000	230380000	459340000	356080000	620770000	239300000
M0R0Y2;M0R2M1;P54920	Alpha-soluble NSF attachment protein	NAPA	0	84553	133320	0	0	0
M0R0Z3;P35269	General transcription factor IIF subunit 1	GTF2F1	192750	161060	389470	0	190210	0
M0R117;Q02543;M0R3D6;M0R1A7;M0R0P7	60S ribosomal protein L18a	RPL18A	157840000	76884000	152900000	127950000	184350000	104180000
M0R252;M0R165;Q9UBC2-4;Q9UBC2-3;Q9UBC2;Q9UBC2-2	Epidermal growth factor receptor substrate 15-like 1	EPS15L1	955080	404830	1267600	344010	367580	0
M0R210;P62249;M0R3H0;M0R1M5;A0A087WZ27;M0QX76;Q6IPX4	40S ribosomal protein S16	RPS16;ZNF90	337360000	103670000	219590000	254230000	402340000	214400000
M0R287;P28340;M0R2B8;M0QXE6;M0QXQ2;M0R3H8;M0QZR8	DNA polymerase;DNA polymerase delta catalytic subunit	POLD1	68781	3630600	0	8767900	2516900	0
M0R2N4;S4R353;K7EJH3;S4R443;K7EJM7;M0QYK5;S4R3L8;Q01081-3;Q8WU68-3;Q8WU68-2;Q8WU68;Q01081-2;Q01081	Splicing factor U2AF 35 kDa subunit;Splicing factor U2AF 26 kDa subunit	U2AF1L4;U2AF1	0	10861000	24689000	61396000	52074000	53266000
M0R2S1;M0R1M6		U8AS2	0	252700	164000	0	0	0
M0R3F6;M0R2Z9;Q8IX01-4;Q8IX01-3;Q8IX01	SURP and G-patch domain-containing protein 2	SUGP2	0	0	79421	0	0	0
M0R366;Q9BTV5;M0R1R0	Fibronectin type III and SPRY domain-containing protein 1	FSD1	1877600	761640	2941400	1531100	2161300	723180
O00139;O00139-4;O00139-2;O00139-1;O00139-5;D6R9M0;H0Y5Z9;H0Y8H2	Kinesin-like protein KIF2A	KIF2A	6594200	4102400	6060200	4665700	6107100	3691300
O00151	PDZ and LIM domain protein 1	PDLIM1	22600000	3781000	7717200	0	0	0
O00178;F5H716;F5H257;B0QY59	GTP-binding protein L22	GTPBP1	888780	722520	850520	1223300	2110800	1249200
O00203-3;O00203;H0YBD0	AP-3 complex subunit beta-1	AP3B1	43530	0	0	0	0	0
O00231;O00231-2;J3QRY4;J3QS13;J3KSW3	26S proteasome non-ATPase regulatory subunit 11	PSMD11	654400000	354930000	420390000	58463000	51939000	33599000
O00232;O00232-2;J3KTJ5;J3KSK1;REV__A8MT70-3;REV__A8MT70;REV__A8MT70-2;P0C617	26S proteasome non-ATPase regulatory subunit 12	PSMD12	431490000	253280000	283060000	52146000	49391000	27153000
O00267-2;O00267	Transcription elongation factor SPT5	SUPT5H	3194900	1485400	3164500	970930	1231000	334270
O00291-3;V5LU97;O00291;C9JMG5	Huntingtin-interacting protein 1	HIP1	1588300	448900	1335000	0	34021	153400
O00303;H0YDT6	Eukaryotic translation initiation factor 3 subunit F	EIF3F	23117000	13110000	28346000	34322000	50642000	15930000
O00410;O00410-3;H0YBC6;O00410-2;E7EQT5;E7EV1;E7ETV3;C9JXE0;C9JZD8;C9JB75;C9JZ53;C9JQT6;E7ESA1;E7ESZ1;E7EWK4;E7EX05;E7ETV8;C9JMV5;H0Y3V4	Importin-5	IPO5	1235700	422560	1005600	1116100	1400100	567960
O00425;O00425-2;F8WD15	Insulin-like growth factor 2 mRNA-binding protein 3	IGF2BP3	6439500	4146200	12843000	10639000	22498000	10687000
O00442;O00442-2	RNA 3-terminal phosphate cyclase	RTCA	276120	0	104690	0	66098	0
O00488	Zinc finger protein 593	ZNF593	2078200	2945800	3624400	0	9046500	3474900
O00567;H0Y653;H0YDU4;Q5JXT2	Nucleolar protein 56	NOP56	331130	326410	1346400	833620	2297700	1103000
O00571-2;O00571;O15523-2;O15523;A0A087WZ71;C9JBG5;C9J081;O15523-3;B4DLA0;D6RCM4;Q9NQI0-3;Q9NQI0-2;Q9NQI0-4;Q9NQI0	ATP-dependent RNA helicase DDX3X;ATP-dependent RNA helicase DDX3Y	DDX3X;DDX3Y	5795900	3490400	7341400	2552100	6531700	2408500
O14654	Insulin receptor substrate 4	IRS4	1811900	1340800	2658100	421250	557760	328910
O14744-5;O14744;G3V580;C9JSX3;H0YJX6;H0YJY6;H0YJ77;G3V5L5;G3V2L6;G3V2X6;G3V507;G3V2F5;G3V5T6;H7BZ44	Protein arginine N-methyltransferase 5;Protein arginine N-methyltransferase 5, N-terminally processed	PRMT5	3699500	1725700	2785000	2063000	3085500	1412300
O14776-2;O14776;G3V220	Transcription elongation regulator 1	TCERG1	4066000	877980	1745300	1847400	2138000	826430
O14818;H0Y586;O14818-4;A0A087WYS6;Q8TAA3-2;Q8TAA3-5;Q8TAA3	Proteasome subunit alpha type-7	PSMA7	1581600000	1345300000	1408400000	968650000	927180000	779440000
O14818-2	Proteasome subunit alpha-7	PSMA7	39169000	4590000	43573000	10622000	15234000	16319000
O14828-2;O14828	Secretory carrier-associated membrane protein 3	SCAMP3	673720	190980	2048700	0	0	0
O14974-4;O14974;F8VZN8;O14974-5;O14974-3;O14974-2;H0YIS4;H0YHI8;H0YHL8;H0YIM2;H0YIS3	Protein phosphatase 1 regulatory subunit 12A	PPP1R12A	1539700	904060	697630	0	130850	28894
O15020-2;O15020;A4QPE4	Spectrin beta chain, non-erythrocytic 2	SPTBN2	1771800	301550	1406500	0	34796	0
O15144;G5E957;C9JTV5;G5E9J0	Actin-related protein 2/3 complex subunit 2	ARPC2	1012800	243740	451700	0	0	0
O15145;F8VR50;C9JZD1	Actin-related protein 2/3 complex subunit 3	ARPC3	6009400	2086200	2180600	0	0	0
O15160-2;O15160;D6RDJ3;E7EQB9	DNA-directed RNA polymerases I and III subunit RPAC1	POLR1C	969170	584240	1117200	747020	1353100	713900
O15226;O15226-2;A0A087WXT2	NF-kappa-B-repressing factor	NKRF	2122000	1200500	3733900	5255300	12064000	4724300
O15294;O15294-3;O15294-2;O15294-4;C9JZL3;H7C2T7	UDP-N-acetylglucosamine--peptide N-acetylglucosaminyltransferase 110 kDa subunit	OGT	185990	832870	1031700	408360	331210	231950
O15344;O15344-2;C9J453;A0A087X255;A0A087X0X0;C9JZJ7	E3 ubiquitin-protein ligase Midline-1	MID1	1030500	667470	668880	672520	1241000	405650
O15355	Protein phosphatase 1G	PPM1G	3926200	1204900	4817800	390360	472460	365760
O15371-2;O15371-3;O15371;B0QYA5;B0QYA6;B0QYA8;B0QYA7;B0QYA4	Eukaryotic translation initiation factor 3 subunit D	EIF3D	20436000	11133000	25526000	16860000	36431000	19789000
O15381-3;O15381-4;O15381-2;O15381-5;O15381	Nuclear valosin-containing protein-like	NVL	332290	123850	446800	0	87649	0
O15400-2;O15400	Syntaxin-7	STX7	2129900	436010	1412500	0	38923	0
O94900;O15405-2;O15405;O94842-3;O94842-2;O94842	Thymocyte selection-associated high mobility group box protein TOX;TOX high mobility group box family member 3;TOX high mobility group box family member 4	TOX;TOX3;TOX4	226320	299980	215580	431650	196730	315720
O15446;O15446-2	DNA-directed RNA polymerase I subunit RPA34	CD3EAP	377150	355520	736700	67153	538510	94159
O43143	Pre-mRNA-splicing factor ATP-dependent RNA helicase DHX15	DHX15	13718000	6456700	9663700	2305100	3152100	1518300
O43148;O43148-2;K7EP06;K7EPP5;K7ERH6	mRNA cap guanine-N7 methyltransferase	RNMT	1387500	482910	633290	1497800	846270	427830
O43172-2;O43172	U4/U6 small nuclear ribonucleoprotein Prp4	PRPF4	901230	438030	903350	1237100	580110	287770
O43175;Q5SZU1	D-3-phosphoglycerate dehydrogenase	PHGDH	7297300	2696700	8327300	624760	1974800	907250
O43242;H0YGV8;F5H8K4	26S proteasome non-ATPase regulatory subunit 3	PSMD3	506070000	361430000	455120000	54688000	44592000	37471000
O43242-2	26S proteasome non-ATPase regulatory subunit 3	PSMD3	2206700	5229200	7162800	374870	488020	472770
O43324;D6RBD7;C9J1V9;O43324-2;H0YAL7;H0YAH9;D6RCQ0	Eukaryotic translation elongation factor 1 epsilon-1	EEF1E1;EEF1E1-BLOC1S5	3680900	4971600	7799700	4784800	7634200	5383000
O43390;O43390-3;O43390-2;B4DT28;O43390-4	Heterogeneous nuclear ribonucleoprotein R	HNRNPR	9392900	7059300	20070000	13615000	30015000	12467000
O43395;O43395-3	U4/U6 small nuclear ribonucleoprotein Prp3	PRPF3	1632200	1252000	2893200	1973400	2311100	1153300
O43396;K7ER96;K7EML9;K7EPB7;K7EKG2;K7EME7	Thioredoxin-like protein 1	TXNL1	107550000	59373000	72108000	12323000	13131000	7270200
O43432;O43432-3;O43432-4;Q5SWD0	Eukaryotic translation initiation factor 4 gamma 3	EIF4G3	125090	81721	372990	305070	749840	430200
O43660-2;O43660;H0YA24	Pleiotropic regulator 1	PLRG1	778550	82066	493490	115340	464450	235470
O43707;O43707-2;F5GX22;O43707-3;H7C144;K7EJH8;K7EP19;D6RH00	Alpha-actinin-4	ACTN4	232990000	83591000	142720000	1047600	889780	196350
O43709;O43709-3;H7C0G4	Probable 18S rRNA (guanine-N(7))-methyltransferase	WBSCR22	822340	376830	1743800	554950	2277500	258910
O43719;Q5H919;Q5H918	HIV Tat-specific factor 1	HTATSF1	1743700	792420	1808300	500590	638140	263930
O43765;K7EMD6	Small glutamine-rich tetratricopeptide repeat-containing protein alpha	SGTA	3820100	717820	1803000	0	0	0
O43809	Cleavage and polyadenylation specificity factor subunit 5	NUDT21	8769500	4424600	6494300	772590	467840	470140
O43818	U3 small nucleolar RNA-interacting protein 2	RRP9	144550	0	383780	1335800	2092200	825660
O43865-2;O43865;H0YB83;Q96HN2-4;Q96HN2-3;Q96HN2-2;Q96HN2	Putative adenosylhomocysteinase 2;Adenosylhomocysteinase;Putative adenosylhomocysteinase 3	AHCYL1;AHCYL2	1456900	697880	1189100	46697	196030	0
O43929-2;O43929-3;O43929;CON__Q2YDI2	Origin recognition complex subunit 4	ORC4	84145	120850	181020	0	0	0
O60216	Double-strand-break repair protein rad21 homolog	RAD21	199890	121870	423840	117150	0	121000
O60231;Q5SQH5;A2AB15	Putative pre-mRNA-splicing factor ATP-dependent RNA helicase DHX16	DHX16	1163300	853200	1076800	116120	171800	77212
O60264;P28370-2;P28370	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 5	SMARCA5	514970	150070	744400	74015	144680	53387
O60306	Intron-binding protein aquarius	AQR	61724	56776	102880	51442	162240	101960
O60506-4;O60506-3;O60506-2;O60506;B7Z645;O60506-5;F6UXX1;H0YAA0	Heterogeneous nuclear ribonucleoprotein Q	SYNCRIP	17655000	7707400	20105000	20620000	17865000	9075600
O60524-4;O60524-3;O60524;G3V5V3;O60524-5;G3V4D9;G3V547;O60524-2	Nuclear export mediator factor NEMF	NEMF	2588600	1391900	3162100	1882700	3602500	2054600
O60568;H7C2V1;H7C2S8;H7C0B8	Procollagen-lysine,2-oxoglutarate 5-dioxygenase 3	PLOD3	258680	167580	232500	0	0	0
S4R3E5;O60684;Q5TFJ7	Importin subunit alpha-7	KPNA6	824220	1047600	886480	0	324860	0
O60739	Eukaryotic translation initiation factor 1b	EIF1B	12310000	0	4453300	0	2231000	0
O60749-2;O60749;D6RC15;H0YK42;Q13596-2;Q13596;Q13596-3	Sorting nexin-2	SNX2	651510	555950	692040	27285	67112	0
O60832;O60832-2;C9JYT0;H7C2Q2;H7C0M1	H/ACA ribonucleoprotein complex subunit 4	DKC1	1357300	1159100	3152500	1711600	3712400	1374500
O60869-2;O60869-3;O60869	Endothelial differentiation-related factor 1	EDF1	13128000	14017000	29303000	10862000	21343000	12017000
S4R357;O60870-2;O60870	DNA/RNA-binding protein KIN17	KIN	0	288660	0	444260	1060700	300740
O60884;I3L320;A0A087WT48	DnaJ homolog subfamily A member 2	DNAJA2	10961000	3897400	9237500	2203900	1993000	839230
Q5TCW7;O60942-3;O60942-4;O60942-2;O60942	mRNA-capping enzyme;Polynucleotide 5-triphosphatase;mRNA guanylyltransferase	RNGTT	712020	285160	468750	84196	202670	285840
O75083;D6RD66;O75083-3	WD repeat-containing protein 1	WDR1	15942000	5908300	8775000	210020	777260	2545300
O75131;A0A087WYQ3;A0A087WXR6;E5RHZ0;H0YB26;A0A087WUS8;E5RFT7;E7ENV7;Q86YQ8-2;Q9HCH3-2;Q96FN4-2;Q96FN4;Q8IVJ1;Q96A23;O95741;Q9UBL6-2;Q86YQ8;Q96A23-2;Q9HCH3;O95741-2;Q9UBL6	Copine-3	CPNE3	14568000	4594200	10663000	0	326640	167960
O75152;E9PQ61;E9PBY7	Zinc finger CCCH domain-containing protein 11A	ZC3H11A	0	0	20473	0	207480	83681
O75323;O75323-2;C9J7B1;C9K068;H7C333;F8WBI5	Protein NipSnap homolog 2	GBAS	1827900	559980	1727200	0	607930	192620
O75368	SH3 domain-binding glutamic acid-rich-like protein	SH3BGRL	2502800	546300	1309400	0	0	0
O75369-6;O75369-3;O75369-2;O75369-9;O75369;O75369-8;E7EN95;O75369-5;O75369-4;O75369-7;H7C5L4	Filamin-B	FLNB	5701400	2114800	2910300	173480	231610	181670

O75436;S4R3Q6;O75436-2;Q4G0F5	Vacuolar protein sorting-associated protein 26A	VPS26A	4899800	2304100	3059300	283820	493940	202020
O75531	Barrier-to-autointegration factor;Barrier-to-autointegration factor, N-terminally processed	BANF1	3458100	1289100	10296000	453820	7402800	0
O75533;H7C341;F8WC19;B4DGZ4;O75533-2	Splicing factor 3B subunit 1	SF3B1	1158600	776770	953960	1113400	1214200	703600
O75534-2;O75534;O75534-3;O75534-4;E9PLT0;E9PNG3;E9PJK7	Cold shock domain-containing protein E1	CSDE1	3828300	1383200	5681500	635920	1172100	303560
O75569;G5E9Q4;O75569-3;O75569-2;F8WEG8;C9JMM3	Interferon-inducible double-stranded RNA-dependent protein kinase activator A	PRKRA	2720900	1704100	2875200	2242300	6946200	2467000
O75592-2;O75592;H7C3U4	E3 ubiquitin-protein ligase MYCBP2	MYCBP2	0	0	5417.9	29885	7420.7	0
O75607	Nucleoplasmin-3	NPM3	675800	5477100	4551900	0	2814900	5082300
O75643;O75643-2;B4DP5;Q86VH2-3;Q86VH2-2;Q86VH2	U5 small nuclear ribonucleoprotein 200 kDa helicase	SNRNP200	1740300	1265800	2477200	1135000	1144000	784440
O75683	Surfeit locus protein 6	SURF6	386000	410430	1063000	2525100	3904000	2066300
O75691	Small subunit processome component 20 homolog	UTP20	0	0	0	0	70159	32857
X6RKY7;X6RF82;X6RA30;O75794	Cell division cycle protein 123 homolog	CDC123	972850	546740	1334700	0	0	0
O75822;O75822-2;O75822-3;H0YLP3;H0YGJ7	Eukaryotic translation initiation factor 3 subunit J	EIF3J	29960000	19515000	32541000	46726000	61317000	36324000
O75934	Pre-mRNA-splicing factor SPF27	BCAS2	496340	274220	299700	1438000	172400	387700
X6RA56;X6RLR1;O75935-3;O75935-2;O75935;X6RCK5	Dynactin subunit 3	DCTN3	4694800	2352500	2893000	1178400	1269600	1037200
O75937	Dnaj homoloq subfamily C member 8	DNAJC8	1694500	2377200	713240	3090300	2860600	748580
O75940	Survival of motor neuron-related-splicing factor 30	SMNDC1	525740	211580	294180	0	198270	110450
O75976	Carboxypeptidase D	CPD	60741	24320	75128	0	0	0
O76003	Glutaredoxin-3	GLRX3	1882600	1282200	1727500	648980	918190	512380
O76021;I3QSV6;O76021-2;I3L3C4;I3L3U9;I3L234;I3L1A3	Ribosomal L1 domain-containing protein 1	RSL1D1	6869100	4114300	14385000	8260300	15839000	8901200
O76041-2			163450	0	0	0	0	0
O76071	Probable cytosolic iron-sulfur protein assembly protein CIAO1	CIAO1	326810	230330	754210	248230	435120	184620
O76094;O76094-2;R4GNC1;D6RDY6	Signal recognition particle subunit SRP72	SRP72	1023700	719220	2052200	1246900	2054200	1019700
O94763-2;O94763-3;O94763;O94763-4;J3NI51	Unconventional prefoldin RPB5 interactor 1	URI1	0	269350	535250	213090	622990	294900
O94822;O94822-3;S4R3T2;H7BYG8;O94822-2	E3 ubiquitin-protein ligase listerin	LTN1	245900	133730	348820	206660	270400	192760
O94906;O94906-2	Pre-mRNA-processing factor 6	PRPF6	188330	136140	460590	374540	528310	241260
O94927;K7EQ61	HAUS augmin-like complex subunit 5	HAUS5	121990	178440	228150	0	0	0
O94973-3;O94973;O94973-2;H0YEG0;H0YDE9;E9PR62;E9PPZ3;E9PS94;E9PQP4;E9PNC4;E9PPY8	AP-2 complex subunit alpha-2	AP2A2	97793	0	93605	0	0	0
O94986-1;O94986-2;O94986-3;O94986	Centrosomal protein of 152 kDa	CEP152	0	0	0	0	0	0
O94992	Protein HEXIM1	HEXIM1	1246600	783070	1589600	0	0	0
O95218-2;O95218	Zinc finger Ran-binding domain-containing protein 2	ZRANB2	2169800	1359000	1561900	104050	606440	0
O95235-2;O95235	Kinesin-like protein KIF20A	KIF20A	0	0	88895	0	0	0
O95239-2;O95239;Q2VIQ3	Chromosome-associated kinesin KIF4A	KIF4A	364160	90781	299130	213580	223860	154190
O95295	SNARE-associated protein Snapin	SNAPIN	1969200	1197500	2266100	507890	1105300	456620
O95347;O95347-2;Q5T821	Structural maintenance of chromosomes protein 2	SMC2	3472400	1601100	4502900	1263300	2540200	1332100
O95373	Importin-7	IPO7	77132	22135	34284	0	0	0
Q5H8X8;O95399;O95399-2	Urotensin-2	UTS2	4427000	49159000	74770000	34393000	35756000	21013000
O95400	CD2 antigen cytoplasmic tail-binding protein 2	CD2BP2	4955900	3917800	5272200	2389900	2546000	1523900
O95456;O95456-2;F8WBH7	Proteasome assembly chaperone 1	PAC1	102700000	65504000	64521000	15756000	16277000	13696900
O95714	E3 ubiquitin-protein ligase HERC2	HERC2	137190	34791	135790	61715	94836	52709
O95777;F2ZZY6;C9JIZ0;C9JNV3	U6 snRNA-associated Sm-like protein LSm8	LSM8	8124000	4769300	7630700	6398200	7751100	5171100
O95782-2;O95782	AP-2 complex subunit alpha-1	AP2A1	5652900	1353800	3676800	1907400	2469500	1300400
Q5JW30;O95793-2;O95793;A0A087X1A5;O95793-3;Q5JW28;F6UDC6	Double-stranded RNA-binding protein Staufen homoloq 1	STAU1	6937600	3623800	8796100	6518500	9934800	5038800
O95816;O95816-2;A2A296	BAG family molecular chaperone regulator 2	BAG2	4682600	1553900	2286300	690090	996300	457260
O95985-3;O95985-2;O95985;C9JKE2;C9JT00;F2Z2A5;C9JEI7;H0Y6W0	DNA topoisomerase 3-beta-1;DNA topoisomerase	TOP3B	0	24548	70416	118470	124320	0
P00338;P00338-3;P00338-4;P00338-5;P00338-2;F5GXH2;F5GYU2;F5GXY2;F5GZQ4;F5H5J4;F5H6W8;F5HBH6;F5GXC7;F5GWW2;F5GXU1	L-lactate dehydrogenase A chain	LDHA	15885000	5050800	9241500	1442700	1649100	823370
P00367;P00367-3;P00367-2;P49448;REV__E7EV89;REV__P29375-2;REV__P29375;REV__F5H1F7;A6NF36	Glutamate dehydrogenase 1, mitochondrial;Glutamate dehydrogenase 2, mitochondrial	GLUD1;GLUD2	6897500	3779600	13379000	504030	691160	197770
P02545-2;P02545-6;P02545-3;P02545;H0YAB0;Q5TCI8;P02545-5;P02545-4	Prelamin-A/C;Lamin-A/C	LMNA	0	97179	264570	0	83286	23910
P04259	Keratin, type II cytoskeletal 6B	KRT6B	255320	1276700	53980	65018	145390	291400
P04406;E7EUT5;P04406-2	Glyceraldehyde-3-phosphate dehydroqenase	GAPDH	5227900	2568100	5315500	701310	1072600	642320
P04637-4;P04637;E7EMR6;A0A087X1Q1;E7EQX7;J3KP33;A0A087WZU8;P04637-7;P04637-5;P04637-6;P04637-2;P04637-3	Cellular tumor antiqen p53	TP53	177980	71534	0	40641	0	128620
P04899;P04899-4;P04899-6;P04899-3;P04899-5;P04899-2	Guanine nucleotide-bindinq protein G(i) subunit alpha-2	GNAI2	402450	185730	644000	0	145140	86949
P05023-4;P05023;P05023-2;P05023-3;M0R116;P13637;P13637-2;P13637-3;M0QXF2;P20648	Sodium/potassium-transportinq ATPase subunit alpha-1	ATP1A1	563830	203870	644580	21885	171760	39690
P05109	Protein S100-A8;Protein S100-A8, N-terminally processed	S100A8	548960	0	0	0	0	0
P05198;H0YJ54;G3V4T5	Eukaryotic translation initiation factor 2 subunit 1	EIF2S1	28948000	15730000	31656000	15163000	28847000	15577000
P05387;H0YDD8	60S acidic ribosomal protein P2	RPLP2	262230000	209820000	333690000	341760000	556590000	315890000
P05388;F8VWS0;F8VU65;P05388-2;F8VZS0;F8VQY6;F8VRK7;G3V210;F8VW21;F8VS58;F8VPE8;Q8NHW5;F8VWV4;F8W1K8;F8VYN4	60S acidic ribosomal protein P0;60S acidic ribosomal protein P0-like	RPLP0;RPLP0P6	149030000	80049000	169790000	107580000	196500000	91812000
P05455;E7ERC4;E9PGX9;E9PFL9	Lupus La protein	SSB	9301400	4328600	9321700	7850300	16365000	6244000
P06730;P06730-2;D6RFJ3;D6RBW1;P06730-3;H0Y8J7	Eukaryotic translation initiation factor 4E	EIF4E	346840	219980	659820	310420	1210100	349730
P06733;P06733-2;K7EM90;E5RGZ4;P13929-3;P13929-2;P13929;E5RI09;E5RG95;K7EPM1;K7EKN2;F5H0C8;P09104-2;P09104;U3KQP4;F5H1C3	Alpha-enolase	ENO1	34041000	9698500	26971000	7328200	10962000	3690800
P06748-2;P06748;P06748-3	Nucleophosmin	NPM1	564840000	346750000	804230000	679630000	1273100000	696250000
Q5VU59;P06753-2;A0A087WWU8;P06753-3;P06753-6;Q5VU61;D6RI904;K7EP68;D6RFM2;H0YL80;K7EQW8		DKFZp686J1372;TPM3	140660000	138820000	178810000	3473800	3523700	998450
Q16778;P33778;P23527;P06899;Q8N257;Q6DRA6;Q6DN03	Histone H2B type 2-E;Histone H2B type 1-B;Histone H2B type 1-O;Histone H2B type 1-J;Histone H2B type 3-B	HIST2H2BE;HIST1H2BB;HIST1H2BO;HIST1H2BJ;HIST3H2BB	11019000	10089000	13510000	10126000	10713000	9245100
P07195;A8MWS0;C9J7H8;F5H7S3;F5H5G7;F5H155;A0A087WUM2;G3XAP5;F5H245;Q6ZMR3;P07864;Q9BYZ2	L-lactate dehydroqenase B chain;L-lactate dehydroqenase	LDHB	7114400	4306000	7212200	1262000	2972700	1479200
P07196;A0A087X0W2	Neurofilament light polypeptide	NEFL	29485000	28427000	60150000	4676900	2870900	2319900
P07355;H0YKS4;H0YMD0;H0YMU9;H0YN42;P07355-2;A6NMY6;H0YMM1;H0YKZ7;H0YLV6;H0YMT9;H0YKX9;H0YNP5;H0YM50;H0YKV8;H0YKL9;H0YMW4;H0YN52;H0YMD9;H0YNA0;H0YN28;H0YL33;H0YNB8;H0YKN4;H0YLE2	Annexin A2;Annexin;Putative annexin A2-like protein	ANXA2;ANXA2P2	16770000	8217400	17137000	522540	1939000	764630
Q5JP53;P07437;Q5ST81;A0A075B736;Q5SQY0;I3L2F9;A6NNZ2;G3V2A3;CON__ENSEMBL:ENSBTAP00000025008;Q9H487;G3V5W4;G3V2R8;G3V3R4;G3V2N6	Tubulin beta chain	TUBB	25841000	16553000	24762000	27665000	18904000	12290000
P07814;V9GYZ6;V9GCZ6	Bifunctional glutamate/proline--tRNA ligase;Glutamate--tRNA ligase;Proline--tRNA ligase	EPRS	7281600	5046300	7781700	8461100	10935000	5033300
P07900;P07900-2;G3V2J8;Q5BFF6;Q5BFG0;Q14568;REV__H3BMH3;Q5BFG1;Q92538	Heat shock protein HSP 90-alpha	HSP90AA1	30736000	12457000	29025000	19878000	24571000	12051000
P08107;P08107-2;V9GZ37	Heat shock 70 kDa protein 1A	HSPA1A	260740000	134750000	200260000	121080000	150770000	89463000
P08133-2;P08133;E7EMC6;E5RJF5;E5RK63;E5RI05;E5RFF0;H0YC77;E5RIUB;E5RJR0	Annexin A6;Annexin	ANXA6	75479000	20030000	36104000	1623600	2443000	899520
P08237;P08237-3;P08237-2;F8VP00;F8VXT3;F8VNX2;F8VZQ1;F8W1J8;F8VSF7;F8VW30;F8VSL1;F8VUB8;F8VTQ3;F8VYK8;F8VZI0;F8VVE3;H0YHB8	ATP-dependent 6-phosphofructokinase, muscle type	PFKM	7228100	2008000	3392600	0	79808	32670
P08238;Q58FF7;Q58FF8;Q5T9W8	Heat shock protein HSP 90-beta;Putative heat shock protein HSP 90-beta-3	HSP90AB1;HSP90AB3P	125750000	58350000	116430000	70435000	85319000	43212000
P08579	U2 small nuclear ribonucleoprotein B	SNRPB2	16966000	6145500	21393000	16923000	23691000	12113000
P08621-2;P08621;P08621-3;M0QYR1;P08621-4;M0QX04	U1 small nuclear ribonucleoprotein 70 kDa	SNRNP70	18349000	12992000	23091000	16767000	30373000	10884000
P08670;B0YJC4;B0YJC5;Q5JVS8;U3KPR1;84DIR1;K7ELP4;H7C5W5;F8WB35;K7EJU1;K7EKH9;CON__Q6172&A0A087X106;CON__O43790;CON__Q6NT21;CON__P78385;CON__Q14533;CON__P78386;P14136-3;P14136;P14136-2;P41219;P41219-2;O43790;P78385;Q14533;P78386	Vimentin	VIM	42683000	38239000	66811000	13756000	7618200	6437400
P08758;E9PH19;D6RBL5;D6RBE9;D6RCN3	Annexin A5;Annexin	ANXA5	4323800	4436600	5683600	989530	655710	450960
P09012;M0QXK2;M0R221;M0R288;M0QZG7;M0R268;M0R0G9	U1 small nuclear ribonucleoprotein A	SNRPA	13427000	9039400	14022000	17089000	24850000	9388600
Q5TAL2;P09234	U1 small nuclear ribonucleoprotein C	SNRPC	6126200	4364600	6481100	7565500	4068500	4734200
P09493-3;P09493-4;P09493-10;P09493-9;H0YL52;Q6ZN40;P09493;H0YKX5;H0YKP3;H0YKZ6;A0A087WTJ7	Tropomyosin alpha-1 chain	TPM1	633690	177320	575690	0	0	0
P09496-2;P09496-4;P09496-3;P09496;F8WF69;P09496-5;C9JBP9	Clathrin light chain A	CLTA	162930000	56758000	116970000	3936300	4358200	1775600
P09497-2;P09497;H0Y9Q6;D6RJD1	Clathrin light chain B	CLTB	163020000	50188000	108650000	3516500	5134000	1276200
P09525;Q6P452;P09525-2	Annexin A4;Annexin	ANXA4	6467600	6721400	7446400	0	0	0
P09661;H0YLR3;H0YMA0;H0YKK0	U2 small nuclear ribonucleoprotein A	SNRPA1	11205000	11746000	15089000	8058700	15242000	9903900
P09874;Q5VXB4;Q5VXB5	Poly [ADP-ribose] polymerase 1	PARP1	6342600	2633600	5581800	4645400	5759600	3226000
P09972;K7EKH5;C9JBF3;J3KSV6;J3QKP5;A8MVZ9	Fructose-bisphosphate aldolase C	ALDOC	208150	186580	455760	0	25409	0
P10155-3;P10155-5;P10155-4;P10155;H0Y9N5;P10155-2;D6RE09;G5E9R9	60 kDa SS-A/Ro ribonucleoprotein	TROVE2	4132300	2193900	3384600	937070	1488700	961220
P10599-2;P10599	Thioredoxin	TXN	32061000	21682000	38678000	22250000	27592000	14385000
P10809	60 kDa heat shock protein, mitochondrial	HSPD1	0	20471	70224	34875	126410	67346
P11021;REV__H3BUZ0;REV__Q9NXD2-2;REV__Q9NXD2	78 kDa glucose-regulated protein	HSPA5	102120000	59431000	83230000	36556000	39980000	22926000
P11142;E9PKE3;E9PNE6;P11142-2;A8K7Q2;E9PS65;E9PLF4;E9PQQ4;E9PQK7;E9PK54;E9PM13;E9PPY6;E9PN25;E9PI65	Heat shock cognate 71 kDa protein	HSPA8	273430000	126790000	204500000	94769000	131170000	81407000
P11171-5;P11171-2;P11171;P11171-6;P11171-4;P11171-3;P11171-7	Protein 4.1	EPB41	309330	94357	450210	0	0	0
P11279;P11279-2	Lysosome-associated membrane glycoprotein 1	LAMP1	1504200	512150	1140400	0	0	0
P11387	DNA topoisomerase 1	TOP1	1272100	659020	1834300	73981	338990	172600
P11388;P11388-2;P11388-3;P11388-4;J3KTB7	DNA topoisomerase 2-alpha	TOP2A	1727500	929440	2276100	53544	205820	51887
Q5HY81;P11441	Ubiquitin-like protein 4A	UBL4A	4617500	4191800	5071000	0	0	229360
P12004	Proliferatinq cell nuclear antiqen	PCNA	30901000	13416000	46752000	13806000	27252000	11047000
P12081-3;P12081-2;P12081-4;P12081;B4E1C5;B4DDD8;B3KWE1;E7ETE2;D6RF05;D6RJE6	Histidine--tRNA ligase, cytoplasmic	HARS	14989000	9280900	20862000	6458600	16585000	7649700
P12270	Nucleoprotein TPR	TPR	0	0	0	0	0	0
P12277;G3V4N7;G3V461;H0YJG0	Creatine kinase B-type	CKB	122420	275810	593290	111510	71948	40892
P12532;C9JSQ1;F8WCN3;P12532-2;C9JJX8;C9J9J95;C9J8F6	Creatine kinase U-type, mitochondrial	CKMT1A;CKMT1B	485580	225020	455270	0	39273	0
P12814;P12814-3;P12814-2;P12814-4;H9KV75;H0YJW3;P35609-2;P35609;H7C5W8;Q08043;G3V2N5;A0A087WSZ2;G3V2W4;H0YJ11;F6THM6;G3V5M4;G3V2X9;G3V2E8;G3V380	Alpha-actinin-1	ACTN1	8689500	1489700	2486000	19489	0	0
P12956;B1AHC9;P12956-2;P51449-2;P51449	X-ray repair cross-complementinq protein 6	XRCC6	19250000	11814000	37886000	20955000	31155000	18228000
P13010;C9JZ81	X-ray repair cross-complementinq protein 5	XRCC5	18662000	9674200	28017000	21149000	34145000	17941000
P13489;E9PMA9;E9PMN0;E9PIK5;E9PMJ3;E9PLZ3;E9PIM9;H0YCR7	Ribonuclease inhibitor	RNH1	40182	0	0	1217900	612420	565350
P13639;M0R06	Elonqation factor 2	EEF2	61764000	28981000	63145000	79634000	156940000	81418000
P13667;C9JMN9	Protein disulfide-isomerase A4	PDIA4	4492000	1859800	5375400	3105000	3603100	2227500
P13674-3;P13674-2;P13674	Prolyl 4-hydroxylase subunit alpha-1	P4HA1	667930	451510	698550	35763	115350	24978
P13797;P13797-3;P13797-2;F8W8D8;U3KQI3;H7C4N2;F2Z2Z9;Q5TBN3;Q14651;C9JAM8	Plastin-3	PLS3	35121000	4146200	6450000	227720	615920	247020
P13861-2;P13861;H7C330;H7C4A9;C9J830	cAMP-dependent protein kinase type II-alpha requlatory subunit	PRKAR2A	1911400	1121300	1968900	361420	676810	248140
P14625;Q96GW1;H0YIV0;Q5BFF3;F8W026;F8VPC7	Endoplasmin	HSP90B1	7858400	3865800	9060000	3006500	5897900	3032400
P14868;P14868-2;H7BZ35;C9J7S3;C9JLC1;C9JQM9;H7C278	Aspartate--tRNA ligase, cytoplasmic	DARS	13175000	8888900	18449000	12471000	19709000	9297600
P15880;H0YEN5;E9PQD7;J3L404;E9PMM9;E9PM36;E9PPT0;H3BNG3	40S ribosomal protein S2	RPS2	193090000	136010000	215270000	162490000	319470000	160860000
P15924;P15924-3;P15924-2	Desmoplakin	DSP	446180	386070	479700	65049	100520	35898
P16402;P10412;Q02539;P22492;P16401	Histone H1.3;Histone H1.4	HIST1H1D;HIST1H1E	0	0	0	110580	0	0
P16403	Histone H1.2	HIST1H1C	39980000	19316000	31268000	16351000	22477000	11145000
P16989;P16989-2;P16989-3;H0YG22	Y-box-bindinq protein 3	YBX3	40743000	33532000	63850000	33673000	58010000	36275000
P17066;P48741	Heat shock 70 kDa protein 6	HSPA6	63603000	32322000	49820000	29419000	36523000	20686000
P17252;J3KRN5	Protein kinase C alpha type	PRKCA	133220	128250	378590	0	0	0
P17812;P17812-2	CTP synthase 1	CTPS1	2937500	1419400	2278800	168930	922710	336820
P17858;P17858-2;F8WEU2;V9GYV7;Q5VSR5	ATP-dependent 6-phosphofructokinase, liver type	PFKL	27171000	17261000	20131000	1156000	1922600	471030
P17980;E9PM69;E9PKD5;E9PMD8	26S protease requlatory subunit 6A	PSMC3	1087800	902300	731440	0	0	0
P17987;E7EQR6;F5H282;E7ERF2;F5H136;F5H7Y1,F5H726;F5GZI8;F5H676	T-complex protein 1 subunit alpha	TCP1	5028900	2333700	5544700	2109400	2891500	793760
P18077;C9K025;F8WBS5;F8WB72	60S ribosomal protein L35a	RPL35A	194870000	158290000	345610000	286970000	480860000	263350000
P18124;A8MUD9;C9JIU5;C9JZ88	60S ribosomal protein L7	RPL7	192470000	149590000	294950000	141390000	307720000	183300000
P18206-2;P18206;Q5JQ13;P18206-3	Vinculin	VCL	1131500	460960	838700	298290	162170	98217
P18669	Phosphoqlycerate mutase 1	PGAM1	6125500	1084800	14263000	0	7058600	4660100
P19338;C9JYW2;C9JLB1;C9J1H7;C9JWL1	Nucleolin	NCL	161150000	96437000	237510000	359670000	660350000	341330000
P19387;H3BRR2	DNA-directed RNA polymerase II subunit RPB3	POLR2C	6552400	2912500	6129300	1945700	2197100	729260
P19525-2;P19525;F8WBH4;C9JZT2	Interferon-induced, double-stranded RNA-activated protein kinase	EIF2AK2	432950	221810	1012100	902490	2824200	1328900
P19784;H3BNI9;H3BSA1;H3BV19;P17540	Casein kinase II subunit alpha	CSNK2A2	3157400	1064500	1942300	2543900	7620200	2332000
P20042	Eukaryotic translation initiation factor 2 subunit 2	EIF2S2	28117000	15488000	31641000	17807000	29909000	13444000
P20073-2;P20073	Annexin A7	ANXA7	1514000	1333700	3934300	62043	0	0
P20290;P20290-2;D6RDG3;H0Y9Y1	Transcription factor BTF3	BTF3	47300000	29060000	61395000	29456000	51128000	27960000
P20618	Proteasome subunit beta type-1	PSMB1	1301200000	860530000	1144700000	817440000	613810000	493430000
Q5HY54;P21333-2;P21333;Q60FE5;A0A087WWY3;F8WE98;H0Y5F3;H0Y5C6	Filamin-A	FLNA	11819000	4039200	5040600	243080	335170	23307
P21359-2;P21359-6;P21359;H0Y465;J3KSB5;P21359-4;J3KRT8;J3QQN8;P21359-3;P21359-5	Neurofibromin;Neurofibromin truncated	NF1	123240	39374	278520	44730	69541	128770
P22059	Oxysterol-bindinq protein 1	OSBP	146620	0	116100	0	0	0
P22314-2;P22314;Q5JRR6;Q5JRR9;Q5JRS0;Q5JRS1;Q5JRS3;Q5JRS2	Ubiquitin-like modifier-activating enzyme 1	UBA1	1522200	590470	1173000	567420	384840	151790

Q32Q12;P22392;P22392-2;C9K028;F6XY72;E5RHP0;E7ERL0;J3KPD9;O60361	Nucleoside diphosphate kinase;Nucleoside diphosphate kinase B;Putative nucleoside diphosphate kinase	NME1-NME2;NME2;NME1;NME1-NME2P1	461910	0	593930	0	90536	0
P22626;P22626-2;A0A087WUI2	Heterogeneous nuclear ribonucleoproteins A2/B1	HNRNPA2B1	48296000	36018000	83671000	65110000	101210000	76979000
P23246;P23246-2	Splicing factor, proline- and glutamine-rich	SFPQ	7934300	4682700	9239100	6447200	13716000	6566800
P23284	Peptidyl-prolyl cis-trans isomerase B	PPIB	12504000	5840900	10393000	5641300	7090600	4145400
P23396;P23396-2;E9PL09;E9PPU1;F2Z2S8;H0YCJ7;H0YF32;H0YEU2;E9PQ96;E9PJH4;E9PK82;E9PSF4;E9PQX2;H0YES8;E9PJN9	40S ribosomal protein S3	RPS3	397850000	221080000	424660000	296250000	604260000	295230000
P23526-2;P23526	Adenosylhomocysteinase	AHCY	516090	221480	677900	0	0	0
P23528;E9PP50;E9PK25;G3V1A4;E9PQB7;E9PLJ3;E9PS23	Cofilin-1	CFL1	1283400000	596350000	702670000	8703700	10921000	12582000
P24534;C9JZW3;F8WF65;F2Z2G2	Elongation factor 1-beta	EEF1B2	68036000	34442000	59003000	13489000	35846000	12066000
P24666;G5E9R5;P24666-4;F2Z2Q9;P24666-3;P24666-2;D3YTI2	Low molecular weight phosphotyrosine protein phosphatase	ACP1	15699000	12679000	19088000	73805	385780	233070
P24928;A0A087WWE2;P24928-2;Q9NY15-2;Q9NY15	DNA-directed RNA polymerase II subunit RPB1;DNA-directed RNA polymerase	POLR2A	1245100	990280	1946100	633460	1111800	555780
P25205;P25205-2;J3KQ69	DNA replication licensing factor MCM3	MCM3	666190	430630	779590	180120	320520	123850
P25311;C9JEV0	Zinc-alpha-2-glycoprotein	AZGP1	572680	346320	514200	0	102820	76451
P25398	40S ribosomal protein S12	RPS12	338970000	215500000	247340000	254180000	403770000	86646000
P25786;P25786-2;F5GX11;B4DEV8;F5H112	Proteasome subunit alpha type-1	PSMA1	2734200000	1912100000	2311000000	2226000000	1512000000	1191500000
P25787;C9JCK5	Proteasome subunit alpha type-2	PSMA2	1309000000	810400000	1004100000	996750000	691220000	522380000
P25788-2;P25788;G3V3W4;G3V5N4	Proteasome subunit alpha type-3	PSMA3	3953100000	2093200000	2807900000	2662000000	1931800000	1346900000
P25789;H0YN18;H0YMZ1;H0YL69;H0YMA1;H0YKT8;H0YMI6;H0YKS0;H0YLC2;H0YLS6;H0YMV3	Proteasome subunit alpha type-4;Proteasome subunit alpha type;Proteasome subunit beta type	PSMA4	2957300000	1745000000	2231800000	1878500000	1337700000	985790000
P26038	Moesin	MSN	0	62855	213020	0	137730	217100
P26196;Q8IV96	Probable ATP-dependent RNA helicase DDX6	DDX6	453810	84453	0	185080	680570	0
P26358-2;P26358;P26358-3;K7ENW7;K7ELB1;K7ENQ6;K7EJL0;K7ERQ1;K7ER10	DNA (cytosine-5)-methyltransferase 1	DNMT1	2171200	1440700	2384800	477620	1318500	707140
P26373;P26373-2;J3QSB4;J3KS98;H3BUK8;H3BTH3	60S ribosomal protein L13	RPL13	225080000	186050000	360310000	333220000	606890000	424040000
P26583;D6R9A6	High mobility group protein B2	HMGB2	7311900	1481600	8351100	1038900	2122000	1552700
P26599;P26599-2;P26599-3;A6NLN1;A0A087WUW5;K7EKJ7;K7EK45;K7ELW5	Polypyrimidine tract-binding protein 1	PTBP1	49321000	14879000	75656000	24141000	90604000	26367000
P26639;P26639-2	Threonine--tRNA ligase, cytoplasmic	TARS	610150	395640	1117600	131600	380500	105490
P26640;P26640-2;A2ABF4;H0Y426	Valine--tRNA ligase	VARS	8499700	4574300	11843000	3060500	7718900	3144000
P26641;P26641-2	Elongation factor 1-gamma	EEF1G	144370000	89855000	125260000	62159000	131640000	69113000
P27348;E9PG15	14-3-3 protein theta	YWHAQ	78576000	30207000	43454000	11536000	13240000	7395300
X1W128;P27635;Q96L21;B8A6G2;A6QRI9	60S ribosomal protein L10	RPL10	8793700	9601400	17882000	6246000	14484000	9034300
P27694;I3L4R8	Replication protein A 70 kDa DNA-binding subunit;Replication protein A 70 kDA DNA-binding subunit, N-terminally processed	RPA1	1390100	1190600	1550700	2394800	2669300	926190
P27797;K7EJB9;K7EL50	Calreticulin	CALR	5668100	2112400	4638500	3195200	3537700	2758200
P28065;A2ACR1;P28065-2;A2ACR0;A2ACQ9	Proteasome subunit beta type-9;Proteasome subunit beta type	PSMB9	6049500	4001500	4937200	3144400	2618800	1226100
P28066;P28066-2	Proteasome subunit alpha type-5	PSMA5	124760000	75656000	95332000	658220000	554120000	374810000
P28070	Proteasome subunit beta type-4	PSMB4	2370700000	1328800000	1842100000	1481500000	1153800000	837730000
P28072;A0A087X2I4;I3L3X7	Proteasome subunit beta type-6	PSMB6	2324900000	1596000000	2089100000	1499600000	1223900000	841030000
P28074;P28074-2;H0YJM8;G8JLC2;G3V3K3	Proteasome subunit beta type-5	PSMB5	1466300000	888920000	1005500000	730140000	744120000	480100000
P28074-3	Proteasome subunit beta type-5	PSMB5	7043100	0	0	0	0	0
P28482-2;P28482	Mitogen-activated protein kinase 1	MAPK1	157430	0	0	0	0	0
P29083;C9J329;E9PER7	General transcription factor IIE subunit 1	GTF2E1	55115	44986	331300	0	0	0
P29401;P29401-2;E9PFF2;F8WB88	Transketolase	TKT	1359300	1281300	1812700	209460	248200	77231
P29692;E9PRY8;P29692-2;E9PK01;P29692-4;E9PQ49;E9PI39;E9PQZ1;A0A087X1X7;E9PPR1;E9PL12;E9PMW7;E9PIZ1;H0YCK7;E9PK06;H0YE72;H0YE58;E9PK72;E9PKK3;E9PNW6;E9PJD0	Elongation factor 1-delta	EEF1D	55651000	39152000	69951000	18265000	44317000	24349000
P29692-3;E9PL71;E9PN91	Elongation factor 1-delta	EEF1D	1039600	267870	321920	0	139350	189610
P30040;F8VY02;F8W1G0	Endoplasmic reticulum resident protein 29	ERP29	4408700	2753900	4029800	391990	1639900	1385900
P30050;P30050-2	60S ribosomal protein L12	RPL12	268380000	154830000	272080000	232260000	448680000	215900000
P30086	Phosphatidylethanolamine-binding protein 1;Hippocampal cholinergic neurostimulating peptide	PEBP1	2718000	184000	1698200	11669000	127160	0
P30101	Protein disulfide-isomerase A3	PDIA3	7031000	2961500	7068100	5220700	3562300	2232600
P30153;B3KQV6;C9J9C1;E9PH38;E9PPI5;E9PHZ6;P30154-5;P30154-4;P30154;P30154-2	Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A alpha isoform	PPP2R1A	13586000	5295000	8974100	4487200	3384800	2475400
P30260;P30260-2;G5EA36	Cell division cycle protein 27 homolog	CDC27	82724	39929	115060	265080	287880	184770
P30419;B7Z8J4;P30419-2;K7EN82;K7EN42;Q5VUC6;Q5VUC7;O60551	Glycylpeptide N-tetradecanoyltransferase 1	NMT1	1354000	1197700	3067800	1375300	3976000	1866100
P30533;D6REW6	Alpha-2-macroglobulin receptor-associated protein	LRPAP1	2044500	1290500	1400300	195070	558780	115160
P30622-2;P30622-1;P30622;F5H0N7;J3KP58	CAP-Gly domain-containing linker protein 1	CLIP1	93983	8603.6	0	0	0	12073
P31689;P31689-2	DnaJ homolog subfamily A member 1	DNAJA1	17368000	8825500	11293000	276220	1909300	1054900
P31942-2;P31942;P31942-3	Heterogeneous nuclear ribonucleoprotein H3	HNRNPH3	730790	824720	2636400	799050	1651600	945320
P31944	Caspase-14;Caspase-14 subunit p17, mature form;Caspase-14 subunit p10, mature form;Caspase-14 subunit p8, intermediate form;Caspase-14 subunit p8, intermediate form	CASP14	0	0	0	0	0	0
P31946-2;P31946;Q4VY20;Q4VY19	14-3-3 protein beta/alpha;14-3-3 protein beta/alpha, N-terminally processed	YWHAB	78587000	33653000	48098000	13690000	15397000	7958900
P31948;P31948-2;P31948-3;F5H783;F5GXD8;H0YGI8	Stress-induced-phosphoprotein 1	STIP1	15753000	4499500	8791800	3122100	6969000	2005900
P31949	Protein S100-A11;Protein S100-A11, N-terminally processed	S100A11	55252000	103940000	146190000	10252000	14755000	8706100
P32119;A6NJW5;P32119-2	Peroxiredoxin-2	PRDX2	8706800	3630200	9080000	2299000	7244300	3286700
P33176;J3KNA1;O60282-2;O60282;Q12840	Kinesin-1 heavy chain	KIF5B	120290	31931	264060	70495	0	0
P33991;E5RFR3;E5RFJ8	DNA replication licensing factor MCM4	MCM4	205630	46113	232590	56549	0	17156
P33993;C9J8M6;P33993-2;P33993-3	DNA replication licensing factor MCM7	MCM7	77634	0	35251	0	0	0
P34931	Heat shock 70 kDa protein 1-like	HSPA1L	150680	0	0	0	0	0
P35249;C9JZI1;P35249-2;C9J8M3;C9JXZ7;C9JTT7;C9JGY5;F8WE44;H7C1P0;C9JW34	Replication factor C subunit 4	RFC4	5151400	3563900	7041500	2481800	4606500	2266100
P35250-2;P35250;H7C5P4;A0A087WVY3;H7C5Q7;F8WC37;H7C5A0;H7C5G4;H7C5S7;H7C5P1;REV__Q96KP1	Replication factor C subunit 2	RFC2	8034800	3760800	9330000	3772600	6347100	2977100
P35251-2;P35251;H0Y8U4	Replication factor C subunit 1	RFC1	1314400	139090	391760	215060	721440	342460
P35579;P35579-2;Q5BKV1;B1AH99;E7ERA5;A1L2Z2;REV__S4R3H4;REV__E7EQT4;REV__Q9UKV3-5;REV__Q9UKV3	Myosin-9	MYH9	3730800	1725500	2616000	109660	121980	66886
P35580;P35580-5;P35580-2;P35580-3;P35580-4	Myosin-10	MYH10	1403800	389280	946500	124220	111150	69968
P35606-2;P35606;H0YAC7;D6R997;D6RBZ7;D6RCL6;D6RBG7;D6RBT6	Coatomer subunit beta	COPB2	4046000	1056700	2411900	408630	691770	190280
P35612-2;P35612-8;P35612-9;P35612-4;P35612-3;P35612	Beta-adducin	ADD2	402890	245320	213640	0	43935	33673
P35998;P35998-2;C9JLS9	26S protease regulatory subunit 7	PSMC2	1063400000	545540000	650200000	114180000	102360000	67779000
P36021	Monocarboxylate transporter 8	SLC16A2	14436000	10025000	19206000	21665000	11275000	8377200
P36578;H3BMB9;H3BTP7;H3BU31	60S ribosomal protein L4	RPL4	58220000	34552000	89035000	60583000	143310000	73577000
P36915-2;P36915	Guanine nucleotide-binding protein-like 1	GNL1	404460	278910	1099000	359320	915550	416120
X6RJP6;P37802;P37802-2	Transgelin-2	TAGLN2	28914000	11647000	15517000	433830	377410	261000
P38159;P38159-2;H0Y6E7;H3BT71;Q96E39;H3BUY5;H3BR27;P38159-3;H3BNC1;O75526;Q8N7X1	RNA-binding motif protein, X chromosome;RNA-binding motif protein, X chromosome, N-terminally processed;RNA binding motif protein, X-linked-like-1	RBMX;RBMXL1	4488400	4410700	7650300	4481600	7966500	3536500
P38646;D6RJI2;D6RA73;H0Y8G6	Stress-70 protein, mitochondrial	HSPA9	3467300	857520	3766500	104670	598380	58732
P38919;I3L3H2;C9JUF0;J3QL52;J3QQP0;E9PBH4;F8WE11	Eukaryotic initiation factor 4A-III;Eukaryotic initiation factor 4A-III, N-terminally processed	EIF4A3	6032700	4367200	5442900	2891200	5986500	2637600
P39019;M0R2L9;M0QXK4;M0QYF7;M0R140;A0A075B6E2	40S ribosomal protein S19	RPS19	321730000	249220000	434940000	451400000	578500000	417410000
P39023;G5E9G0;B5MCW2;H7C422;H7C3M2;F8WCR1;Q92901	60S ribosomal protein L3	RPL3	233810000	151660000	291720000	189930000	403000000	174540000
P39748;P39748-2;F5H1Y3;I3L3E9;CON__P01030;CON__ENSEMBLENSBTAP00000007350	Flap endonuclease 1	FEN1	3008100	1934000	4721000	2791000	6804000	2609100
P40222	Alpha-taxilin	TXLNA	2392400	1611000	5293500	618180	2950300	1510700
P40227;P40227-2;Q92526-2;Q92526;Q92526-3;J3KRI6	T-complex protein 1 subunit zeta	CCT6A	9269900	6001000	10446000	9488100	5377500	4330300
P40429;M0QYS1;Q8J015;Q6NVV1;M0QZU1;A0A096LPE0	60S ribosomal protein L13a	RPL13A;RPL13a	135600000	96171000	204720000	139340000	241640000	154730000
P40926;G3XAL0;P40926-2	Malate dehydrogenase, mitochondrial;Malate dehydrogenase	MDH2	1208200	282550	1863700	109090	339000	173490
P40937-2;P40937;F5H304;C9JH72;F5H0U6	Replication factor C subunit 5	RFC5	2506800	802660	2933300	658990	1562300	516320
P40938-2;P40938;A0A087X270	Replication factor C subunit 3	RFC3	6460700	3873700	6717300	4366100	7256300	3380900
P40939;H0YFD6	Trifunctional enzyme subunit alpha, mitochondrial;Long-chain enoyl-CoA hydratase;Long chain 3-hydroxyacyl-CoA dehydrogenase	HADHA	339850	39267	115250	0	0	0
P41091;Q2VIR3;F8WB10;Q2VIR3-2;H7BZU1	Eukaryotic translation initiation factor 2 subunit 3;Putative eukaryotic translation initiation factor 2 subunit 3-like protein	EIF2S3;EIF2S3L	35058000	24601000	31634000	31289000	25360000	32362000
P41214;P41214-2;Q5SY38	Eukaryotic translation initiation factor 2D	EIF2D	662420	306430	840750	638260	1424400	521850
P41227-2;P41227	N-alpha-acetyltransferase 10	NAA10	513940	0	580280	0	474690	0
P41240;H3BUM9;H3BN15	Tyrosine-protein kinase CSK	CSK	1728700	650700	920020	535760	616810	358010
P41250;H7C443	Glycine--tRNA ligase	GARS	90876	264220	292760	109810	83794	23597
P42285;H0YAC4;H0Y8U3;D6REC7	Superkiller viralicidic activity 2-like 2	SKIV2L2	4210600	2650800	3616500	4967200	7367600	3314600
P42677;Q5T4L4	40S ribosomal protein S27	RPS27	345080000	144640000	364790000	129720000	323210000	37638000
P42695;G3V1A9;E9PKK4;E9PQA3;E9PLE0	Condensin-2 complex subunit D3	NCAPD3	910780	287980	919290	331590	606040	264510
P42696;A2A2V2;P42696-2;Q5TCT4	RNA-binding protein 34	RBM34	1422300	839190	2601200	2539800	4285900	2777300
P42704	Leucine-rich PPR motif-containing protein, mitochondrial	LRPPRC	86336	45509	144440	41110	42735	10274
P43246-2;P43246;V9H019;E9PHA6;A0A087X078;A0A087X1E7;V9H015;V9H0B2;C9J809	DNA mismatch repair protein Msh2	MSH2	4977100	2528300	6357800	1564000	3215500	1100200
P43686;P43686-2	26S protease regulatory subunit 6B	PSMC4	636800000	355460000	445060000	82283000	68806000	40170000
P46060;B0QYT5;B0QYT4;B0QYT6;H0Y4Q3	Ran GTPase-activating protein 1	RANGAP1	3635900	1442800	3000200	1259700	1029600	642450
P46063;F5GYB7;F5H4P4;F5H3W0;F5H2L2;F8WA66;F8WD97	ATP-dependent DNA helicase Q1	RECQL	1139400	975510	2027500	829270	2592300	1324500
P46087;P46087-4;A0A087WV73;P46087-2;P46087-3;F5GWB7;F5H709;F5H5X6;F5H359;F5GYR3;F5H8G6	Probable 28S rRNA (cytosine(4447)-C(5))-methyltransferase	NOP2	1576100	1969300	4815100	5233800	11105000	6350500
P46379-2;P46379;P46379-3;P46379-4;P46379-5;F6S6P2;X6REW1;F6UR09;F6U1F2;F6XTU0;F6RG75;F6WML8;F6VEM6;F6X9W3;F6U341;F6TC96;H0YL4;L1;K7EKW3;H0Y710;E7ESS3;O95164;Q71RG4-2;Q71RG4	Large proline-rich protein BAG6	BAG6	4943600	2489200	3235200	187490	68203	169630
P46777;R4GNJ2;Q5T7N0	60S ribosomal protein L5	RPL5	149750000	115660000	279010000	217450000	409970000	222630000
P46778;G3V1B3;M0R181	60S ribosomal protein L21	RPL21	64379000	57766000	154310000	86837000	175810000	78568000
P46781;B5MCT8;C9JM19;F2Z3C0;A8MXK4	40S ribosomal protein S9	RPS9	320850000	190270000	447630000	212750000	453950000	243260000
P46783;F6U211;S4R435;Q9NQ39	40S ribosomal protein S10;Putative 40S ribosomal protein S10-like	RPS10;RPS10-NUDT3;RPS10P5	99738000	78723000	136650000	104520000	191160000	128650000
P46821;D6RA4D;D6RA32;E9PGC8;P78559;P78559-2	Microtubule-associated protein 1B;MAP1B heavy chain;MAP1 light chain LC1	MAP1B	167170	30221	229780	152300	396710	144020
P46939;P46939-2	Utrophin	UTRN	38123	5668.3	26536	0	0	0
P46940;H0YLE8;A0A087WWP1;A0A087X225	Ras GTPase-activating-like protein IQGAP1	IQGAP1	3046800	10214000	5156200	414360	721350	300910
P47813;A6NJH9;O14602;X6RAC9	Eukaryotic translation initiation factor 1A, X-chromosomal;Eukaryotic translation initiation factor 1A, Y-chromosomal	EIF1AX;EIF1AY	28072000	16175000	19230000	17396000	24683000	13548000
P47897-2;P47897;H7C0R3;C9JSG9;C9J165;F2Z2V6	Glutamine--tRNA ligase	QARS	5802400	2345600	4739900	2525800	5484500	3383400
P47914	60S ribosomal protein L29	RPL29	291950000	169940000	393570000	295540000	597570000	368240000
P48426;Q5JUT3;P48426-2	Phosphatidylinositol 5-phosphate 4-kinase type-2 alpha	PIP4K2A	1482500	288590	962200	501900	924030	327780
R4GMR5;P48556;K7EJR3;K7EJC1;K7ERW6;K7ENY6	26S proteasome non-ATPase regulatory subunit 8	PSMD8	483060000	263940000	294820000	44068000	41645000	29073000
P48634-3;P48634;P48634-2;P48634-4	Protein PRRC2A	PRRC2A	348050	207820	449770	337330	1051800	463060
P49006	MARCKS-related protein	MARCKSL1	9366200	6187500	13976000	0	1119500	263050
P49207	60S ribosomal protein L34	RPL34	247030000	194800000	409110000	245180000	573820000	374460000
P49321;P49321-4;Q5T624;P49321-2;P49321-3;E9PRH9;H0YDS9;E9PI86;H0YF33;E9PPR5;E9PQG5;E9PAU3;E9PKR5;E9PNB5	Nuclear autoantigenic sperm protein	NASP	1067900	259970	782340	581100	754760	420180
P49327	Fatty acid synthase;[Acyl-carrier-protein] S-acetyltransferase;[Acyl-carrier-protein] S-malonyltransferase;3-oxoacyl-[acyl-carrier-protein] synthase;3-oxoacyl-[acyl-carrier-protein] reductase;3-hydroxyacyl-[acyl-carrier-protein] dehydratase;Enoyl-[acyl-carrier-protein] reductase;Oleoyl-[acyl-carrier-protein] hydrolase	FASN	887950	332800	1097200	111710	134970	49047
P49590-2;P49590;B4DQ67	Probable histidine--tRNA ligase, mitochondrial	HARS2	0	0	0	0	78739	0
P49720;A0A087WXQ8;A0A087WY10	Proteasome subunit beta type-3	PSMB3	891810000	516510000	592790000	692020000	215990000	99449000
P49770;H0YJI8;G3V5E5	Translation initiation factor eIF-2B subunit beta	EIF2B2	3235900	884330	1852200	1641900	3231500	1569300
P49792;F8WBP7;J3KQ37;F8VYC4;J3KNE0;P0DJD0;P0DJD1;Q7Z3J3;A6NKT7;Q99666;O14715	E3 SUMO-protein ligase RanBP2	RANBP2	0	10697	17426	0	0	0
P49841;P49841-2	Glycogen synthase kinase-3 beta	GSK3B	1524600	939200	635700	279550	444230	0
P49915-2;P49915	GMP synthase [glutamine-hydrolyzing]	GMPS	2338100	1090800	1742300	451790	1021400	531710
Q5SX87;P50395;V9GYI7;V9GYF8;Q5SX90;Q5SX86;Q5SX91;P50395-2;P31150	Rab GDP dissociation inhibitor beta;Rab GDP dissociation inhibitor alpha	GDI2;GDI1	320710	221190	2383000	337570	442970	61673
Q3KNR6;P50502;H7C3I1;F6VDH7;A0A087X1H6;Q8NFI4;F8WAQ7	Hsc70-interacting protein;Putative protein FAM10A5	ST13;ST13P5	7436000	3328300	8897100	1691400	5030300	2081400
P50570-3;P50570-2;P50570-5;P50570-4;P50570;K7EPK9;E5RIK2;E5RHK8;Q9UQ16-5;Q9UQ16-2;Q9UQ16-3;Q9UQ16;Q9UQ16-4;K7EMQ3	Dynamin-2	DNM2	773380	410710	536020	185600	253660	239020
P50750;P50750-2;F8VXD2;F8VYH9;F8VZZ0;F8VTV8;F8VWX7;F8VZ51;K7EJ83;H0YAZ9;Q9BVE2;E7EUK8;E5RGN0;A0A087X209;A0A087WZU2;F5H6Z0;J3QSD7;P11802-2;Q00535-2;Q00535;P11802;Q00534;Q96Q40-2;Q96Q40-4;Q96Q40-3;O94921-3;Q96Q40-5;Q96Q40;O94921-2;O94921;Q07002;Q07002-2;Q00536;Q07002-3;Q00537-2;Q00537;Q00536-2;Q9NYV4-3;Q14004-2;Q9NYV4-2;Q9NYV4;Q14004	Cyclin-dependent kinase 9	CDK9	1975300	1358900	1685600	1626800	734120	274380
P50990-2;P50990;P50990-3;H7C4C8;H7C2U0	T-complex protein 1 subunit theta	CCT8	16103000	5590700	17027000	10427000	4348800	2462000
P50991;P50991-2	T-complex protein 1 subunit delta	CCT4	4893200	1953200	4303200	5844100	4011000	2880700

P50995-2;P50995;H0Y6E1;E5RIN3;P27216;P27216-2	Annexin A11	ANXA11	5057700	2607100	4072400	40449	146120	0
P51116;I3L1Z2	Fragile X mental retardation syndrome-related protein 2	FXR2	0	0	869440	224050	855660	319960
P51149;C9J4V0;C9J592;C9J853;C9J454;C9JZZ0;C9J7D1	Ras-related protein Rab-7a	RAB7A	4366600	1633300	2146200	533200	347430	203650
P51572;P51572-2;C9JMD7;C9JSP1;C9JQ75;C9J0M4	B-cell receptor-associated protein 31	BCAP31	684400	413420	1121300	0	358170	0
P51665;H3BNT7;H3BTM8;H3BQV2	26S proteasome non-ATPase regulatory subunit 7	PSMD7	373030000	209710000	273910000	57927000	47741000	33195000
P51991-2;P51991;H7C1J8	Heterogeneous nuclear ribonucleoprotein A3	HNRNPA3	6968400	3744600	7403500	6615900	12813000	4918300
P52209-2;P52209;K7EMN2;K7EM49;K7EPF6	6-phosphogluconate dehydrogenase, decarboxylating	PGD	108220	37993	312490	0	0	30683
P52272-2;P52272;A0A087X0X3;M0R019;M0R2T0;M0R0N3;M0QYQ7;M0QZM1;M0R0Y6;M0R2I7;M0QYL3	Heterogeneous nuclear ribonucleoprotein M	HNRNPM	7697400	4782400	6590700	5996200	8756200	5558400
P52292;I3QLL0;J3K565;J3QLL07	Importin subunit alpha-1	KPNA2	11869000	8134100	16426000	1504400	3244400	1742100
P52294;C9JY4;C9J352;C9JWD9;F2Z3G4;C9J4U1;O15131	Importin subunit alpha-5;Importin subunit alpha-5, N-terminally processed	KPNA1	5322000	2980900	5356700	2740300	3092200	1416300
P52298-3;P52298;C9JQX9;B3KSB0;P52298-2;F8WE41	Nuclear cap-binding protein subunit 2	NCBP2	12745000	9411500	17308000	2841800	7194600	3042700
P52306-6;P52306-2;P52306-3;P52306-4;P52306;P52306-5	Rap1 GTPase-GDP dissociation stimulator 1	RAP1GDS1	0	46807	246450	47406	0	0
P52597	Heterogeneous nuclear ribonucleoprotein F;Heterogeneous nuclear ribonucleoprotein F, N-terminally processed	HNRNPF	33183000	22833000	44347000	10419000	26839000	7720700
P52701-4;P52701-3;P52701;A0A087WWJ1;P52701-2;A0A087WYT6	DNA mismatch repair protein Msh6	MSH6	3573900	1820200	5114800	831090	2177000	777210
P52907	F-actin-capping protein subunit alpha-1	CAPZA1	3024000	1078600	2534400	282800	506340	433290
P53396-2;P53396;P53396-3;K7ESG8;K7EIE7	ATP-citrate synthase	ACLY	3444500	2175400	4619300	1404700	2877800	955470
P53582;H0Y9L0;D6RF24;H0Y955	Methionine aminopeptidase 1	METAP1	1079600	481480	1066500	0	551960	0
P53618;E9PP73	Coatomer subunit beta	COPB1	388580	89538	367480	0	92402	45830
P53621;P53621-2	Coatomer subunit alpha;Xenin;Proxenin	COPA	1069600	468710	1432900	101730	214420	84695
P54136;P54136-2;E5RJM9;E5RH09	Arginine--tRNA ligase, cytoplasmic	RARS	5823200	4024800	9256900	5407600	10654000	4465900
P54577	Tyrosine--tRNA ligase, cytoplasmic;Tyrosine--tRNA ligase, cytoplasmic, N-terminally processed	YARS	3842800	2303300	5054200	6510000	12779000	7717900
P54578-2;P54578;A6NIA2;B7Z4N8;J3QQT6;J3KS55;H0YA47	Ubiquitin carboxyl-terminal hydrolase 14;Ubiquitin carboxyl-terminal hydrolase	USP14	60957000	25881000	30626000	5621100	7031400	3159400
P54619-2;P54619;P54619-3;H0YHF8;F8VYY9;H0YIC9;E9PGP6;Q9UGJ0-2;Q9UGJ0-3;Q9UGJ0;F8VSH3;F8W046;F8VRY2;F8VSL2;F8VVA3;F8VZX1	5-AMP-activated protein kinase subunit gamma-1	PRKAG1	3728400	2482100	6926900	747520	265910	101250
P54652	Heat shock-related 70 kDa protein 2	HSPA2	0	0	0	0	0	0
P54725-2;P54725-3;P54725;K7ENJ0;K7ELW1;K7EQ16	UV excision repair protein RAD23 homologa A	RAD23A	12518000	3659400	7207200	403300	224380	177370
P54727;P54727-2;Q5W055;Q5W054;H0Y579	UV excision repair protein RAD23 homologa B	RAD23B	316910000	144420000	225550000	12828000	14800000	8444000
P55010;H0YK11;H0YMJ8;H0YMS4;H0YL21;H0YN40;H0YK29	Eukaryotic translation initiation factor 5	EIF5	2101800	635800	1162600	426300	667110	325240
P55036;A6PVX3;H0Y3Y9;H0Y561	26S proteasome non-ATPase regulatory subunit 4	PSMD4	387340000	163990000	168190000	51591000	30772000	30304000
P55060-3;P55060;P55060-4	Exportin-2	CSE1L	6445600	1802200	2130700	658470	1260800	489910
P55072	Transitional endoplasmic reticulum ATPase	VCP	93575000	39708000	56528000	13698000	13492000	9570800
P55145	Mesencephalic astrocyte-derived neurotrophic factor	MANF	1863700	1415200	1565700	158100	619810	310150
P55769;B1AHD1	NHP2-like protein 1;NHP2-like protein 1, N-terminally processed	NHP2L1	3055100	3197700	7516600	2664800	6178600	4277000
P55884;P55884-2;C9JZG1;C9JQN7	Eukaryotic translation initiation factor 3 subunit B	EIF3B	10801000	6167600	18615000	11408000	23100000	15250000
P55957;P55957-2	BH3-interacting domain death agonist;BH3-interacting domain death agonist p15;BH3-interacting domain death agonist p13;BH3-interacting domain death agonist p11	BID	350650	0	338720	176590	232360	296770
P56182;D6RE82	Ribosomal RNA processing protein 1 homolog A	RRP1	266200	193910	357510	1073800	1800800	1118600
P56192;H0YIP0;P56192-2;H0YI94;H0YHV5;H0YHL6;H0YI27;F5H2V6	Methionine--tRNA ligase, cytoplasmic	MARS	4516000	2790600	6006600	3509200	6948200	3443100
P56537;P56537-2;B7ZBH1;F8WDJ0;F8WDS6	Eukaryotic translation initiation factor 6	EIF6	12249000	7816800	15248000	7782000	27943000	10371000
P57735	Ras-related protein Rab-25	RAB25	4904000	2420700	1153300	2405600	2171600	1856700
P57737-2;P57737-4;P57737;P57737-3;E7EP81;I3L167	Coronin-7;Coronin	CORO7;CORO7-PAM16	319410	181420	575070	0	222040	0
P57772;C9J8T0;P57772-2	Selenocysteine-specific elongation factor	EEFSEC	761120	516860	1265700	674220	2030800	1140400
P59998-2;F8WDD7;H7C0A3;F8WCF6;C9JSD3;H3BLT7;H0Y5E3;J3KQB2;P59998;P59998-3;Q9Y4R7-6;Q9Y4R7-2;Q9Y4R7-5;Q9Y4R7	Actin-related protein 2/3 complex subunit 4;Tubulin monoglycylase TTLL3	ARPC4;ARPC4-TTLL3;TTLL3	114600	141730	130350	0	172920	69444
P60174-1;P60174;P60174-4;U3KQF3;U3KPZ0	Triosephosphate isomerase	TPI1	5120500	2414400	4474600	948920	662740	622010
P60228;H0YBR5;E5RIT4;E5RHS5;E5RIP5;E5RJ25;E5RII3	Eukaryotic translation initiation factor 3 subunit E	EIF3E	33424000	17994000	37956000	34166000	57306000	28908000
P60709;P63261;Q5TBM7;I3L3I0;I3L1U9;G5E9R0;E7EVS6;C9JTX5;C9JZR7;K7EM38;I3L3R2;I3KT65;I3L4N8;P63267-2;Q6S8J3;C9JUM1;A5A3E0;P0CG38;Q9BYX7;P0CG39;F8WCH0	Actin, cytoplasmic 1;Actin, cytoplasmic 1, N-terminally processed;Actin, cytoplasmic 2;Actin, cytoplasmic 2, N-terminally processed	ACTB;ACTG1	2304800000	995990000	1807600000	45403000	52022000	25189000
P60842;I3KT12;P60842-2;J3KTB5;J3QS69;J3QL43;J3QR64;J3KSZ0;J3KTN0;J3KS25	Eukaryotic initiation factor 4A-I	EIF4A1	93229000	51163000	112450000	56029000	111770000	66062000
P60866;P60866-2;E5RJX2;E5RIP1;G3XAN0	40S ribosomal protein S20	RPS20	407350000	192940000	428160000	148000000	334850000	111160000
P60953;P60953-1;F8WET9;B1AH79;Q5JYX0;G3V4H1;B1AH78;G3V476;P84095;Q9H4E5-2;P15153;P17081;Q9H4E5	Cell division control protein 42 homolog	CDC42	1743900	1105100	442760	0	0	0
P60981;F6RFD5;P60981-2	Destrin	DSTN	54049000	21590000	29699000	0	176020	0
P61081;M0QX69	NEDD8-conjugating enzyme Ubc12	UBE2M	3069100	1207900	3179400	927990	1185700	401570
P61088;F8VQQB;F8VSD4;F8VV71;Q5JXB2;F8VZ29	Ubiquitin-conjugating enzyme E2 N;Putative ubiquitin-conjugating enzyme E2 N-like	UBE2N;UBE2NL	5000100	2444800	4879300	2885900	2908000	1316500
P61106;X6RFL8	Ras-related protein Rab-14	RAB14	363300	507010	82972	1060900	0	0
P61158;F8WEW2;F8WE84;B4DXW1	Actin-related protein 3	ACTR3	1702200	424420	509340	0	0	0
P61163;R4GMT0;P42025	Alpha-centractin;Beta-centractin	ACTR1A;ACTR1B	6339500	1604400	3723300	847450	608620	522130
P61221;D6R9I9;D6RGF4;H0Y990	ATP-binding cassette sub-family E member 1	ABCE1	6140800	3331300	5285900	3429200	9582800	4534900
P61247;H0Y9V4;D6RG13;D6RAT0;E9PF15;H0Y8L7;D6RB09;D6RI02;D6RAS7;D6RED7;D6RGE0	40S ribosomal protein S3a	RPS3A	401990000	221550000	465800000	423910000	672090000	421740000
P61254;J3KTJ8;J3QRI7;J3QQQ9;J3QQV1;J3QRC4;E5RIT6;J3KSS0;E5RHH1;J3KS10	60S ribosomal protein L26	RPL26;RPL26L1	233280000	179390000	335030000	307850000	618690000	315190000
P61289;P61289-2;X9J957;P61289-3;K7E5G5;B3KQZ5;A0A087WTV2;K7ENH2;K7EPX6;K7EKR3;K7EMD0;B7ZBD3;K7EJF8	Proteasome activator complex subunit 3	PSME3	314630000	234150000	366370000	191670000	121830000	85685000
P61313;E7EQV9;E7EX53;E7ENU7;P61313-2;E7ERA2	60S ribosomal protein L15;Ribosomal protein L15	RPL15	144630000	90711000	205700000	139560000	258430000	126670000
P61353;K7EQQ9;K7ELC7;K7ERY7	60S ribosomal protein L27	RPL27	165020000	156220000	333680000	82119000	343420000	179600000
P61764;P61764-2	Syntaxin-binding protein 1	STXBP1	119920	25711	45703	0	0	0
P61956-2;P61956;Q6EEV6	Small ubiquitin-related modifier 2;Small ubiquitin-related modifier 4	SUMO2;SUMO4	692800000	217970000	250690000	166320000	198070000	140450000
P61962;A0A087WWI6;P61962-2	DDB1- and CUL4-associated factor 7	DCAF7	19470000	11258000	8703200	1100900	1458700	93749
P61978-3;P61978-2;P61978;Q5T6W5;Q5T6W2;Q5T6W1;S4R457;S4R359	Heterogeneous nuclear ribonucleoprotein K	HNRNPK	31802000	14987000	40400000	18116000	45494000	22149000
P61981	14-3-3 protein gamma;14-3-3 protein gamma, N-terminally processed	YWHAG	25650000	16518000	28743000	6312000	5551500	5716600
P62081;B5MCP9	40S ribosomal protein S7	RPS7	333450000	217500000	571840000	310020000	650580000	356910000
P62136;P62136-2;H0Y3Y6;E7ETD8;F5H1L6;F5H037;E9PMD7;P62136-3	Serine/threonine-protein phosphatase PP1-alpha catalytic subunit;Serine/threonine-protein phosphatase	PPP1CA;PPP1CB	489700	218010	1115000	536220	0	216290
P62140;C9J9S3;C9JP48	Serine/threonine-protein phosphatase PP1-beta catalytic subunit;Serine/threonine-protein phosphatase	PPP1CB	3381000	888690	1017800	240770	586750	301400
P62191	26S proteasome regulatory subunit 4	PSMC1	651770000	343820000	473090000	76380000	72361000	48449000
P62195;P62195-2;J3QSA9;J3QQM1;J3KRP2;J3QLH6;J3QRW1;J3QSE0;J3QRR3;J3KTQ9;Q8NB90-3;Q8NB90-2;Q8NB90	26S proteasome regulatory subunit 8	PSMC5	903540000	496880000	623360000	101690000	105380000	58013000
Q5JR95;P62241	40S ribosomal protein S8	RPS8	215750000	170570000	333030000	191260000	424080000	239190000
P62258;P62258-2;B4DJF2;I3L3T1;K7EM20;I3L0W5;K7EIT4	14-3-3 protein epsilon	YWHAE	483410000	217320000	268210000	64821000	86678000	55033000
P62263;H0YB22;E5RH77	40S ribosomal protein S14	RPS14	552690000	307280000	692500000	757660000	1204900000	679950000
P62269;I3JS69	40S ribosomal protein S18	RPS18	359850000	227900000	511170000	446540000	710610000	377640000
P62277;E9PS50;I3KMX5	40S ribosomal protein S13	RPS13	170240000	128900000	213650000	162350000	246350000	182760000
P62310;REV__Q9Y4P9	U6 snRNA-associated Sm-like protein LSm3	LSM3	42071000	17969000	47756000	13496000	24036000	9186500
P62312	U6 snRNA-associated Sm-like protein LSm6	LSM6	10043000	4745100	10784000	5617400	9973100	4019500
P62316;P62316-2;K7ERG4;K7EJB5	Small nuclear ribonucleoprotein Sm D2	SNRPD2	10855000	10419000	16785000	6074100	11301000	3966200
P62318-2;P62318;H3BT13	Small nuclear ribonucleoprotein Sm D3	SNRPD3	31289000	22331000	33141000	18215000	34918000	17790000
P62424;Q5T8U3;Q5T8U2	60S ribosomal protein L7a	RPL7A	266290000	155940000	334590000	216350000	472340000	263540000
P62487;E9PIU7;H0YE4;E9PKH3	DNA-directed RNA polymerase II subunit RPB7	POLR2G	1321500	1315100	2639800	0	326850	0
P62633-7;P62633-3;P62633-2;P62633;P62633-8;P62633-5;P62633-4;P62633-6	Cellular nucleic acid-binding protein	CNBP	1118400	220770	1460200	0	0	191140
P62701;Q8TD47;A6NH36;C9JEH7;P22090	40S ribosomal protein S4, X isoform	RPS4X	364320000	217090000	499070000	453230000	683780000	334300000
P63267;P68133;P68032;P62736;Q5TB MB;A6NL76;F8WB63;B8ZZJ2;C9JFL5;F6UVQ4;F6QUT6	Actin, gamma-enteric smooth muscle;Actin, alpha skeletal muscle;Actin, alpha cardiac muscle 1;Actin, aortic smooth muscle	ACTG2;ACTA1;ACTC1;ACTA2	2115600	2961300	3345200	200670	114040	28872
P62753;A2A3R7	40S ribosomal protein S6	RPS6	224810000	151440000	348220000	180230000	456900000	181990000
P62805	Histone H4	HIST1H4A	20977000	14916000	31420000	10580000	15594000	9720400
P62829;C9JD32;B9ZVP7;J3KT29;J3KTJ3	60S ribosomal protein L23	RPL23	87768000	53026000	62884000	133570000	256860000	148790000
P62851	40S ribosomal protein S25	RPS25	532980000	342860000	685750000	536780000	924620000	504230000
P62854;Q5JNZ5	40S ribosomal protein S26;Putative 40S ribosomal protein S26-like 1	RPS26;RPS26P11	442530000	170830000	343130000	628090000	673080000	257350000
P62857	40S ribosomal protein S28	RPS28	287020000	268060000	557970000	1047900000	545130000	639680000
P62873-2;P62873;C9JD14;B1AKQ8;C9JZN1;F6X3N5;F6UT28;F5H8J8;F5H100;C9JI51;B3KVK2;C9JXA5;F5H0S8;E7EP3;E9PCP0;P16520-2;C9JHAV0;P62879;P16520	Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-1;Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-3;Guanine nucleotide-binding protein subunit beta-4;Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-2	GNB1;GNB4;GNB2;GNB3	2002900	906920	2535100	0	399210	204460
P62877	E3 ubiquitin-protein ligase RBX1;E3 ubiquitin-protein ligase RBX1, N-terminally processed	RBX1	21725000	9775100	8248000	5458400	4733700	0
P62888;E5RIJ9;E5RJH3	60S ribosomal protein L30	RPL30	157680000	92020000	187350000	219600000	390930000	224510000
P62899;B8ZZK4;H7C2W9;C9JU56;B7Z4E3;B7Z4C8;P62899-3;P62899-2	60S ribosomal protein L31	RPL31	404600000	187140000	441150000	344610000	623880000	321690000
P62906	60S ribosomal protein L10a	RPL10A	158640000	129890000	237590000	222490000	357550000	181850000
P62913;Q5VVC8;Q5VVC9	60S ribosomal protein L11	RPL11	241970000	130840000	313880000	218340000	419060000	209670000
P62917;E9PKZ0;E9PKU4;G3V1A1;E9PP36	60S ribosomal protein L8	RPL8	238220000	129290000	333190000	243600000	483400000	214050000
P62937;F8WE65;C9J5S7;P62937-2;A0A075B767;A0A0758759;Q9Y536;F5H284;A2BFH1	Peptidyl-prolyl cis-trans isomerase A;Peptidyl-prolyl cis-trans isomerase A, N-terminally processed;Peptidyl-prolyl cis-trans isomerase	PPIA	6635500	5173700	15014000	1288400	5276100	1338100
P62979;J3QS39;J3QTR3;F5H6Q2;F5GYU3;F5H2Z3;F5H265;B4DV12;F5H388;F5H747;F5GXK7;J3QKN0;Q5PV61;Q96C32;P62987;P0CG47;P0CG48;M0R1V7;A0A087WV77;F5GZ39;J3QSA3	Ubiquitin-40S ribosomal protein S27a;Ubiquitin;40S ribosomal protein S27a;Ubiquitin-40S ribosomal protein L40;Ubiquitin;60S ribosomal protein L40;Polyubiquitin-B;Ubiquitin;Polyubiquitin-C;Ubiquitin	RPS27A;UBB;UBC;UBA52	1146700000	768780000	940910000	126210000	157700000	111300000
P62993;J3KT38;P62993-2;J3QLF6	Growth factor receptor-bound protein 2	GRB2	6627700	1839100	3594600	79236	294940	156830
P63010-3;P63010;P63010-2;A0A087X253;A0A087WU93;A0A087WZQ6;A0A087WYD1;K7ERB2;K7EN71	AP-2 complex subunit beta	AP2B1	2518800	889550	2490600	529530	759240	420440
P63104;E7EX29;B0AZS6;P63104-2;B7Z2E6;H0YBB0;E7ESK7;E9PD24;E7EVZ2;E5RIR4;E5RGE1;REV__P53355-4;REV__P53355;REV__P53355-3	14-3-3 protein zeta/delta	YWHAZ	151820000	56546000	107410000	30203000	33631000	18679000
P63151;P63151-2;E5RIY1;Q9Y2T4-3;Q9Y2T4-4;Q9Y2T4-2;Q9Y2T4;H0YB06;E5RFR9;Q00005-6;Q00005;Q00005-2;Q00005-3;Q66LE6;Q00005-4;Q00005-5;Q00005-7	Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B alpha isoform;Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B gamma isoform	PPP2R2A;PPP2R2C	1150500	474220	1068200	180660	168450	229420
Q96FJ2;P63167	Dynein light chain 2, cytoplasmic;Dynein light chain 1, cytoplasmic	DYNLL2;DYNLL1	25656000	761970	9149900	0	1221600	0
P63173;J3KT73;J3QL01;J3KSP2	60S ribosomal protein L38	RPL38	79474000	61632000	141370000	75737000	228000000	133720000
Q8WVC2;P63220;Q9BYK1;Q9BYK2	40S ribosomal protein S21	RPS21	61953000	28242000	58491000	77029000	76816000	32091000
P63244;J3KPE3;H0YAF8;H0YBW2;D6RFX4;D6RHH4;D6RSZ1;H0YAM7;D6RAC2;D6R9L0;D6RFZ9;D6REE5;D6RAU2;E9PD14;D6RBD0;D6RGK8;D6RHJ5;D6R909;H0YBR5;D6RDI0	Guanine nucleotide-binding protein subunit beta-2-like 1;Guanine nucleotide-binding protein subunit beta-2-like 1, N-terminally processed	GNB2L1	217730000	141770000	266000000	217210000	359540000	214260000
P67775-2;P67775;E5RI56;E5RFI3;E5RHP4;E7ESG8;E5RHC1;P62714	Serine/threonine-protein phosphatase 2A catalytic subunit alpha isoform;Serine/threonine-protein phosphatase;Serine/threonine-protein phosphatase 2A catalytic subunit beta isoform	PPP2CA;PPP2CB	1552600	1239100	3463900	759180	1530900	569300
P67809;A0A087X1S2;H0Y449;C9J5V9;Q9Y2T7	Nuclease-sensitive element-binding protein 1	YBX1	140000000	65374000	189170000	136160000	198490000	122070000
Q5SRQ3;Q5SRQ6;P67870;N0E472	Casein kinase II subunit beta	CSNK2B-LY6G5B-1181;CSNK2B;CSNK2B-LY6G5B--991	9453900	4999000	7944400	5671000	9161800	3886900
P67936;P67936-2;K7ENT6;K7EMU5;K7EPV9;K7EPB9;K7ERG3	Tropomyosin alpha-4 chain	TPM4	36608000	24783000	31900000	182090	270370	0
Q5VTE0;P68104;A0A087WVQ9;P68104-2;A0A087WV01;A6PWB0;Q5JR01	Putative elongation factor 1-alpha-like 3;Elongation factor 1-alpha 1;Elongation factor 1-alpha	EEF1A1P5;EEF1A1	428920000	244870000	513560000	135100000	316070000	138280000
P68363;Q71U36;Q7Z1U36;F5H5D3;Q98QE3;P68363-2;P68366-2;P68366;Q13748;F8VQQ4;Q13748-2;F8VVB9;Q6PEY2;F8VRZ4;F8VS66;F8VWV9;F8VX09;C9JEV8;C9JQ00;C9JJQ8;C9JDL2;C9JDS9;F8VRK0;F8VXZ7	Tubulin alpha-1B chain;Tubulin alpha-1A chain;Tubulin alpha-1C chain;Tubulin alpha-4A chain;Tubulin alpha-3C/D chain;Tubulin alpha-3E chain	TUBA1B;TUBA1A;TUBA1C;TUBA4A;TUBA3C;TUBA3E	203970000	78461000	107460000	193970000	94148000	45377000
P68371;P04350;Q13509-2;Q3ZCM7;K7ESM5;M0R2D3;M0R0X0;M0QY85;M0QY37;M0QX14;M0R042;M0QYM7;M0R2T4;A0A075B724	Tubulin beta-4B chain;Tubulin beta-4A chain	TUBB4B;TUBB4A	47326000	25916000	54136000	33273000	38677000	20765000
P78318	Immunoglobulin-binding protein 1	IGBP1	373030	117260	0	46410	0	0
P78345;Q5VUC3;Q5VUC9	Ribonuclease P protein subunit p38	RPP38	714880	547600	1233100	445380	1516300	766520
P78346;P78346-2;Q5VU10;Q5VU11	Ribonuclease P protein subunit p30	RPP30	3324100	984900	2567800	4420200	5127200	2023000
P78347-2;P78347-4;P78347-3;P78347;P78347-5;C9J6M0;A0A087WW90;Q86UP8-3;Q86UP8;Q6EKJ0	General transcription factor II-I	GTF2I	6635900	3194600	7055000	2224300	2974700	1110400
P78362;P78362-2;H7C5L6	SRSF protein kinase 2;SRSF protein kinase 2 N-terminal;SRSF protein kinase 2 C-terminal	SRPK2	1112800	678980	1244800	1487900	1917700	1160500
P78371-2;P78371;F5GWF6;F8VQ14	T-complex protein 1 subunit beta	CCT2	10735000	4565700	7969300	7862200	5971400	3567600
P78527;P78527-2;F5GX40;H0YG84	DNA-dependent protein kinase catalytic subunit	PRKDC	5014700	2640600	5421100	2989900	5950000	3828700
P80723-2;P80723	Brain acid soluble protein 1	BASP1	851600	875590	2950200	138840	430840	326370
P81605;P81605-2	Dermcidin;Survival-promoting peptide;DCD-1	DCD	11638000	7134000	13691000	15839000	7472400	8377100
P82979;F8VZQ9;H0YHG0;F8VS12	SAP domain-containing ribonucleoprotein	SARNP	884730	241160	1083300	1647900	4241700	1611300
P84090;G3V279	Enhancer of rudimentary homologa	ERH	40994000	24395000	39776000	18072000	27365000	13895000
P98175-4;P98175-3;P98175-2;P98175	RNA-binding protein 10	RBM10	131370	74084	109480	102760	144610	65214

Q00341;Q00341-2;H0Y394;H7C0A4;H7C2D1;C9JQ82;H7BZC3;C9JMQ6;C9JHS9;C9J739;H7C3D0	Vigilin	HDLBP	5554300	3119300	8372700	5387800	14821000	6000800
Q00577	Transcriptional activator protein Pur-alpha	PURA	3711300	2931800	11577000	3199000	13831000	4502800
Q00688;G3V5F2	Peptidyl-prolyl cis-trans isomerase FKBP3	FKBP3	14469000	9207500	24893000	28634000	55804000	28607000
Q00765;E2QRG8	Receptor expression-enhancing protein 5;Receptor expression-enhancing protein	REEP5	4148900	3841900	3548500	371680	470060	262720
Q00839-2;Q00839;Q5RI18	Heteroogeneous nuclear ribonucleoprotein U	HNRNPU	15806000	8698600	30895000	25328000	61093000	25471000
Q01085;Q01085-2;A6NKZ9;E7ETJ9;E7ETC0;E5RGV5;H7BY49;E5RG67;C9JTN7;F8W8I6;Q96B58;P31483-2;P31483	Heteroogeneous nuclear ribonucleoprotein U	HNRNPU	15806000	8698600	30895000	25328000	61093000	25471000
Q01105	Nucleolysin TIAR;Nucleolysin TIA-1 isoform p40	TIAL1;TIA1	967080	351660	652750	242780	520840	42165
Q01105-3;Q01105-4;Q01105-2;Q01105;A0A087X027;P0DME0	Protein SET;Protein SETSIP	SET;SETSIP	55951000	23507000	49344000	31027000	30119000	15294000
Q01469;I6LBB7	Fatty acid-binding protein, epidermal	FABP5	1039500	4285500	952690	746640	1228000	556980
Q01518-2;Q01518;Q5T0R7;Q5T0R6;Q5T0R5;Q5T0R4;Q5T0R3;Q5T0R2;Q5T0R1;Q5T0R9;Q5T0R8;Q5T0S3;B7Z385;A0A087X0J3;A0A087WZ1;E9PDI2;P40123-3;P40123-2;P40123	Adenylyl cyclase-associated protein 1	CAP1	1824500	570950	874440	16140	37059	0
Q01780;Q01780-2;K7EJ37	Exosome component 10	EXOSC10	5144500	2324300	5121700	8082900	13099000	5915200
Q01813;Q01813-2;B1APP6;B1APP8;H0Y757;V9GY25;H0Y3Y3	ATP-dependent 6-phosphofructokinase, platelet type	PFKP	6302200	2860600	4246800	0	549600	31524
Q02790;H0YFG2;F5H1U3	Peptidyl-prolyl cis-trans isomerase FKBP4;Peptidyl-prolyl cis-trans isomerase FKBP4, N-terminally processed	FKBP4	2492000	1135700	3407900	1637200	1779400	760670
Q02809;Q02809-2	Procollagen-lysine,2-oxoglutarate 5-dioxygenase 1	PLOD1	637720	169520	168800	0	0	0
Q02878;F8VZ45;U3KQR5;F8VR69;F8VZA3;F8VWR1;F8VU16	60S ribosomal protein L6	RPL6	204460000	112530000	277200000	186280000	438560000	208230000
Q02880-2;Q02880;E9PCY5	DNA topoisomerase 2-beta;DNA topoisomerase 2	TOP2B	502880	108010	328790	74335	200970	49858
Q04637-5;Q04637-4;Q04637-3;Q04637;Q04637-9;Q04637-6;C9J6B6;C9JF13	Eukaryotic translation initiation factor 4 gamma 1	EIF4G1	4726700	2556200	8653100	4941600	10060000	4545400
Q04837;C9K0UB;E7EUY5	Single-stranded DNA-binding protein, mitochondrial	SSBP1	14439000	20103000	19569000	15587000	23823000	12870000
Q04917;A2IDB2;F8WEB6;A2IDB1;REV__C9JDT0;REV__C9JQI2;REV__Q7Z5H3-4;REV__D6R9V6;REV__A6NJ38;REV__A6NHM7;REV__Q7Z5H3-3;REV__P13521;REV__Q7Z5H3;REV__Q7Z5H3-5;REV__Q7Z5H3-2	14-3-3 protein eta	YWHAH	44834000	17672000	29451000	8928300	10129000	5202000
Q04941	Proteolipid protein 2	PLP2	1239900	202390	1026700	0	0	0
Q05048;A3KFI9	Cleavage stimulation factor subunit 1	CSTF1	822200	98705	1598100	859930	1753500	1737600
Q05086-3;Q05086;Q05086-2;S4R306	Ubiquitin-protein ligase E3A	UBE3A	12278000	6725200	9832100	560570	888430	499930
Q05193-5;Q05193-3;Q05193-4;Q05193-2;Q05193	Dynamin-1	DNM1	168370	33015	62336	0	22984	34058
Q05639	Elongation factor 1-alpha 2	EEF1A2	6346400	2055500	6779200	2793700	7347700	2829000
Q06265;Q06265-2;D6RIY6;D6R905;Q06265-3;Q06265-4;D6RA17;D6RAP4;H0Y9L5	Exosome complex component RRP45	EXOSC9	5783100	4029700	6989300	11700000	12092000	4512200
Q06323;Q06323-3;Q06323-2;H0YKK6;H0YLU2	Proteasome activator complex subunit 1	PSME1	90551000	75197000	108570000	50154000	46737000	32576000
Q06787-8;Q06787-5;Q06787-9;Q06787-3;Q06787;R9WNI0;A8MQB8;G3VDJ0;Q06787-6;Q06787-2;Q06787-4;Q06787-7;A0A087WXI3;G8JLE9;Q8IXW7;A0A087WY29	Fragile X mental retardation protein 1	FMR1	714930	483860	1775200	164010	2363400	1218000
Q06830	Peroxiredoxin-1	PRDX1	24476000	14442000	23299000	6655700	20383000	10057000
Q07666-2;Q07666	KH domain-containing, RNA-binding, signal transduction-associated protein 1	KHDRBS1	2735600	1243600	1691300	919800	620020	683270
Q08211;Q08211-2;REV__H0YA90;REV__Q7Z6J0-3	ATP-dependent RNA helicase A	DHX9	17544000	10129000	22404000	26877000	52376000	23850000
Q08380;K7EP36;K7EQT9;K7E575;K7EN99;K7ER2E;K7EJD3;K7ESM3;K7EKQ5	Galectin-3-binding protein	LGALS3BP	1737600	552610	685730	334550	0	69572
Q08554-2;Q08554	Desmocollin-1	DSC1	176060	75757	302270	68334	76323	0
Q08AM6;A0A087WT26;H3BUU8;H3BQD9	Protein VAC14 homolog	VAC14	563000	50474	470550	56987	143460	59052
Q08J23;Q08J23-2;Q08J23-3	tRNA (cytosine(34)-C(5))-methyltransferase	NSUN2	1776700	1228800	3942900	5941100	8633300	3668100
Q09028-3;Q09028;Q09028-2;Q09028-4;E9PNS2;E9PIC4;E9PNS6;E9PC52;C9JAJ9;C9JPP3;H0YF10	Histone-binding protein RBBP4	RBBP4	10237000	6014100	7937200	3540100	3363400	1986700
Q09161;X6R941	Nuclear cap-binding protein subunit 1	NCBP1	8444000	3669300	5579600	2028300	2390100	1477600
Q0VDF9;H7C2A1;B0YIZ1	Heat shock 70 kDa protein 14	HSPA14	2817300	573100	1531600	2088600	2987500	1591200
Q10567-4;Q10567-3;Q10567-2;Q10567;C9J1E7	AP-1 complex subunit beta-1	AP1B1	3019300	1084400	2484300	250940	358260	402910
Q10570	Cleavage and polyadenylation specificity factor subunit 1	CPSF1	76935	49355	48250	7447.7	17500	12867
Q12788;I3KNP2;A0A087WYP7;H3BN88	Transducin beta-like protein 3	TBL3	507770	326180	449480	1201500	2403600	1403600
Q12789-3;Q12789	General transcription factor 3C polypeptide 1	GTF3C1	47963	109710	296670	42183	132770	0
Q12792;F8VRG3;F8VS81;Q12792-4;Q12792-3	Twinfilin-1	TWF1	824190	307910	676640	0	0	0
Q12874	Splicing factor 3A subunit 3	SF3A3	1621600	1078600	1395700	791260	1024300	537520
Q12904;Q12904-2;D6R937	Aminoacyl tRNA synthase complex-interacting multifunctional protein 1;Endothelial monocyte-activating polypeptide 2	AIMP1	2645000	1870800	4618100	2163700	5742200	2202500
Q12906-7;Q12906-4;Q12906-6;Q12906;Q12906-5;Q12906-2;Q12906-3;K7EKJ9;K7ER69;K7EQR9;K7EKY0;K7ERM6;K7ENK6;K7EM82;K7EJ09;K7EQ75	Interleukin enhancer-binding factor 3	ILF3	33575000	19176000	53725000	51031000	76588000	33030000
Q13033;Q13033-2;G3V3G7;G3V340;H0YJZ4	Striatin-3	STRN3	1256200	106700	302420	0	0	0
Q5T8C6;Q7Z651;Q13042-3;Q13042-2;Q13042	Cell division cycle protein 16 homolog	CDC16	561380	561830	1219300	280860	645290	194740
Q13045-2;Q13045-3;Q13045	Protein flightless-1 homolog	FLII	20660	27537	31533	0	0	0
Q13085-3;Q13085-2;Q13085;Q13085-4;Q59FY4;A0A087WVR6;A0A087X0W4;S4R3S7;O00763-3;O00763-2;O00763	Acetyl-CoA carboxylase 1;Biotin carboxylase	ACACA	120320	78529	106230	15339	24016	30373
Q13112	Chromatin assembly factor 1 subunit B	CHAF1B	360310	273380	409040	390750	681810	220100
Q13131;Q13131-2	5-AMP-activated protein kinase catalytic subunit alpha-1	PRKAA1	409360	160500	262870	0	0	0
Q13151	Heterogeneous nuclear ribonucleoprotein A0	HNRNPA0	44515000	20644000	46117000	25981000	63340000	31286000
Q13155;A8MUS8;F8W950	Aminoacyl tRNA synthase complex-interacting multifunctional protein 2	AIMP2	1631900	610940	1115700	1984100	3178600	1511300
Q13200;Q13200-3;Q13200-2;C9JPC0;H7C2Q3;F8WBS8;P11215;P11215-2	26S proteasome non-ATPase regulatory subunit 2	PSMD2	387880000	175130000	242600000	40241000	41436000	26522000
Q13242;H0YIB4;S4R3G0	Serine/arginine-rich splicing factor 9	SRSF9	1109100	820700	1588400	281850	587080	245790
Q13263;Q13263-2;M0R0K9;M0R2I3;M0R3C0	Transcription intermediary factor 1-beta	TRIM28	7009500	4663900	6432000	1887200	3311500	2221200
Q13283	Ras GTPase-activating protein-binding protein 1	G3BP1	10584000	6878200	12844000	8156900	16481000	7982700
Q13310-2;Q13310-3;B1ANR0;Q13310;H0Y5F5;H0YEU6;H0YCC8;B1ANR1;H0YEQ8;H0Y6X6;P0CB38;H0YER0;E5RHG7;Q5JQF8	Polyadenylate-binding protein 4;Polyadenylate-binding protein	PABPC4	4550800	3828500	7645600	4102800	8726800	5763900
Q13315	Serine-protein kinase ATM	ATM	0	0	0	0	0	0
Q13347;Q5TFK1	Eukaryotic translation initiation factor 3 subunit I	EIF3I	23977000	14346000	33027000	25165000	39012000	23351000
Q13395	Probable methyltransferase TARBP1	TARBP1	166870	81281	244360	28983	48032	31653
Q13409-6;Q13409-3;Q13409-7;Q13409-2;Q13409-5;Q13409;E9PGG1;E7EUM4;E7ER86;E7ERH4;E7ET01;E7ETL8;E7EQU2;E7ESD3;E7EMU4;E7EV09;E7EQL5	Cytoplasmic dynein 1 intermediate chain 2	DYNC1I2	120710	0	303160	0	0	0
Q13426-3;Q13426-2;Q13426	DNA repair protein XRCC4	XRCC4	241870	121410	160470	33897	165710	0
Q13435;E9PJ0A;A0A087WZZS;E9PJT3;H0YCG1;E9PPJ0;E9PIL8;H0YEX5	Splicing factor 3B subunit 2	SF3B2	2357600	1289100	2133300	1967600	1906100	973990
Q13442;F8WBW6	28 kDa heat- and acid-stable phosphoprotein	PDAP1	13193000	11531000	13489000	20313000	49096000	18894000
Q13451;Q13451-2	Peptidyl-prolyl cis-trans isomerase FKBP5;Peptidyl-prolyl cis-trans isomerase FKBP5, N-terminally processed	FKBP5	1274500	722530	1335700	1825400	2281400	1170600
Q13535-2;Q13535-3;Q13535;H0Y8R8;H0Y8Y6;H0Y9K2	Serine/threonine-protein kinase ATR	ATR	0	15415	0	0	15748	0
Q13601-2;Q13601;A0A087WZC7	KRR1 small subunit processome component homolog	KRR1	522690	550040	1079900	2755600	5025400	2856100
Q13616;Q8NI38-2;REV__P15924;Q8IW00-2;Q8IW00	Cullin-1	CUL1	14773000	7289800	10241000	5923800	5269700	2205400
Q5T2B5;Q13617;Q13617-2;Q5T2B7;Q5T2B4	Cullin-2	CUL2	125470	66814	140580	14699	0	0
Q13618-2;Q13618;A0A087X1R9;H7C1L6;A0A087WTG3;Q13618-3	Cullin-3	CUL3	515900	102260	173490	101240	0	63103
Q13627-3;Q13627-4;Q13627-5;Q9Y463-2;Q9Y463-3;Q9Y463;Q13627-2;Q13627;E7EMI5;M0R2X3;M0R131	Dual specificity tyrosine-phosphorylation-regulated kinase 1A;Dual specificity tyrosine-phosphorylation-regulated kinase 1B	DYRK1A;DYRK1B	694510	0	161710	0	0	0
Q5JXI0;Q5JXH9;Q5JXH8;Q5JXH7;Q5JXI3;Q5JXI2;Q5JXI8;Q13642-3;Q13642-1;Q13642-5;Q13642-4;Q13642	Four and a half LIM domains protein 1	FHL1	2840800	1936900	3743200	1163500	1718800	1065200
Q13813;Q13813-3;REV__C9J6B6;REV__C9JF13;REV__Q04637-6;REV__Q04637-7;REV__Q04637-5;REV__E7EX73;REV__Q04637-4;REV__E9PGM1;REV__Q04637-3;REV__E7EUU4;REV__Q04637;REV__Q04637-8;REV__Q04637-9	Spectrin alpha chain, non-erythrocytic 1	SPTAN1	14453000	4925900	11495000	170420	248530	242130
Q13823;H0YG10	Nucleolar GTP-binding protein 2	GNL2	134050	135970	70392	889640	1308900	372450
Q13838;Q13838-2;F6WLT2;Q5STU3;O00148;F6S4E6;F6TRA5;F6UIC5;H0Y400;K7EQN7;B1Q2N1;O00148-2;K7EN69;H0YCC6;F6QYI9;K7EPJ3;F6R6M7	Spliceosome RNA helicase DDX39B;ATP-dependent RNA helicase DDX39A	DDX39B;DDX39A	2350400	1372200	3102000	2461900	4981900	2904200
Q13885	Tubulin beta-2A chain	TUBB2A	0	76991	122560	111890	340490	220380
Q13895;H7BY94;F8WBL2	Bystin	BYSL	12173000	6374300	10171000	7371900	8468000	3967700
Q14008-2;Q14008;Q14008-3;E9PQH5;H0YCF6;H0YEK7	Cytoskeleton-associated protein 5	CKAP5	843300	488520	625580	1269800	2649300	1190200
Q14011;K7EN08;K7EL46;K7EJV5;K7EL16;K7EJV1;K7EMY9;K7EPM4;K7ER40;K7EQR7;D6W5Y5;Q14011-2	Cold-inducible RNA-binding protein	CIRBP	2456100	1287200	2641500	2008500	3442300	1406400
Q14019;H3BTS8	Coactosin-like protein	COTL1	23470000	8493800	14473000	0	0	0
Q14137;Q14137-2;A0A075B729	Ribosome biogenesis protein BOP1	BOP1	272510	139910	231470	751100	1275000	493260
Q15424-2;Q15424;Q15424-4;Q15424-3;Q14151	Scaffold attachment factor B1;Scaffold attachment factor B2	SAFB;SAFB2	339090	1302000	910270	374490	344590	141660
Q14152;Q14152-2;Q96Q89-5;Q96Q89-4;Q96Q89-3;Q96Q89;Q96Q89-2	Eukaryotic translation initiation factor 3 subunit A	EIF3A	19914000	8766200	20967000	19391000	39781000	16229000
Q14204;H0YJ21	Cytoplasmic dynein 1 heavy chain 1	DYNC1H1	201560	90096	238980	45969	68049	32089
Q14232;F5HOD0;Q14232-2	Translation initiation factor eIF-2B subunit alpha	EIF2B1	2609300	1077700	3167000	2906500	5113500	3165000
Q14240;Q14240-2;E7EQG2;3KSN7	Eukaryotic initiation factor 4A-II;Eukaryotic initiation factor 4A-II, N-terminally processed	EIF4A2	1210900	1502100	2972300	550370	1258100	565690
Q14241	Transcription elongation factor B polypeptide 3	TCEB3	175770	24670	296880	0	238880	158000
Q14247-3;Q14247;Q14247-2;H7C314;H0YCD9;E9PKG3;E9PP90;H0YEV2	Src substrate cortactin	CTTN	16383000	4274100	11697000	668890	1272200	191730
Q14258	E3 ubiquitin/ISG15 ligase TRIM25	TRIM25	1449400	1250100	3266200	2056300	4587000	2328800
Q14315-2;Q14315	Filamin-C	FLNC	946550	334120	357280	0	22725	49961
Q14444-2;Q14444;G3V153	Caprin-1	CAPRIN1	11923000	7132000	13710000	6527400	15655000	7450500
Q14566	DNA replication licensing factor MCM6	MCM6	1078700	2094600	1603400	1493100	2530800	396850
Q14674;Q14674-2	Separin	ESPL1	386400	225610	500390	251850	660160	247490
Q14676-2;Q14676	Mediator of DNA damage checkpoint protein 1	MDC1	34107	37571	63416	0	0	4360
Q14677-2;Q14677;Q14677-3	Clathrin interactor 1	CLINT1	337890	273690	0	0	0	0
Q14683;G8JLG1;H0Y7K8;V9GY57;V9GYN9	Structural maintenance of chromosomes protein 1A;Structural maintenance of chromosomes protein	SMC1A	142900000	88319000	105590000	114810000	90784000	60894000
Q14684;Q14684-2	Ribosomal RNA processing protein 1 homolog B	RRP1B	1368400	764930	2072100	931120	3355300	1846700
Q14690;S4R3Q4	Protein RRP5 homolog	PDCD11	33063	5333.8	110590	84272	286740	107880
Q14692	Ribosome biogenesis protein BMS1 homolog	BMS1	356220	256490	87087	663180	1549400	1088300
Q14694;Q14694-3;Q14694-2;H3BQP1;H3BNS8;H3BQC6;H3BNA1;J3KT19	Ubiquitin carboxyl-terminal hydrolase 10	USP10	454160	280360	957500	309880	1589600	661980
Q14697;Q14697-2;F5H6X6;E9PKU7;E9PNH1;Q14697-3	Neutral alpha-glucosidase AB	GANAB	185570	142370	401320	0	159090	53906
Q14847;Q14847-2;C9J9W2;Q14847-3;K7ESD6;F6S2S5	LIM and SH3 domain protein 1	LASP1	18267000	5245700	9619200	0	0	0
Q14964;C9J890;C9JU14;J3KR73;H7BYW1;H0YGL6;P20340-4;Q9NRW1-2;Q9NRW1;P20340-2;P20340	Ras-related protein Rab-39A;Ras-related protein Rab-6A;Ras-related protein Rab-6B	RAB39A;RAB6B;RAB6A	3052600	2612300	3410500	324950	1245000	874440
Q14974;J3QR48;J3KTM9;Q14974-2;J3QKQ5	Importin subunit beta-1	KPNB1	8441500	5153800	7263700	4213000	4875600	1893900
S4R402;S4R341;S4R349;Q14978;Q14978-4;Q14978-3;Q14978-2	Nucleolar and coiled-body phosphoprotein 1	NOLC1	0	3200400	3561300	0	0	0
Q14980-4;Q14980-3;Q14980-2;Q14980;A0A087WY61;F5H4J1;H0YFY6	Nuclear mitotic apparatus protein 1	NUMA1	0	13018	61707	11775	0	0
Q14997;Q14997-2;Q14997-3;F8WBH5;Q14997-4	Proteasome activator complex subunit 4	PSME4	76994000	47603000	65190000	39293000	31712000	22250000
Q14CX7-2;Q14CX7	N-alpha-acetyltransferase 25, NatB auxiliary subunit	NAA25	1014600	448790	1510300	494550	1100200	491390
Q15008;Q15008-4;Q15008-3;Q15008-2;C9J0E9;C9J7B7;H7C531	26S proteasome non-ATPase regulatory subunit 6	PSMD6	515840000	261830000	419020000	64629000	48722000	34070000
Q15018	BRISC complex subunit Abro1	FAM175B	636870	239030	381370	0	0	41460
Q15021;E7EN77	Condensin complex subunit 1	NCAPD2	693760	94688	423730	0	11414	0
Q15024	Exosome complex component RRP42	EXOSC7	83118	186210	405140	2184500	1137300	1550200
Q15029-2;Q15029-3;Q15029;K7EP67;K7EJ74	116 kDa US small nuclear ribonucleoprotein component	EFTUD2	2807000	1857500	3594600	705290	1417200	597260
Q15046;Q15046-2;H3BVA8;I3KRL2;H3BPV7;H3BRC9	Lysine--tRNA ligase	KARS	4745500	2918800	6476200	4887800	7432800	3005500
Q15050	Ribosome biogenesis regulatory protein homolog	RRS1	0	341240	626590	4742600	7157200	2589900
Q15056-2;Q15056	Eukaryotic translation initiation factor 4H	EIF4H	3349900	1926100	7405900	165510	792800	103700
Q15084-3;Q15084;Q15084-4;Q15084-5;Q15084-2	Protein disulfide-isomerase A6	PDIA6	2379000	1449700	2299700	223520	434310	223590
Q15149;Q15149-7;Q15149-8;Q15149-9;Q15149-5;Q15149-4;Q15149-6;Q15149-3;Q15149-2;H0YDN1;A0A075B730;A0A087X1U6;P58107	Plectin	PLEC	237820	149840	289950	107970	105200	47819
Q15233-2;Q15233;C9JZL7;H7C367;C9JY58;C9J4X2	Non-POU domain-containing octamer-binding protein	NONO	1899800	632100	4082000	2436200	7757700	1735900
Q15269;C9J544;A0A096LPI6	Periodic tryptophan protein 2 homolog	PWP2	226620	146120	422560	1227200	1568300	580750
Q15365;F8VZD3;H3BSP4;C9K0A2;F8WC71;C9JZV9;C9J7A9;C9JSA6;C9J5V4;C9JTY5;C9JZY3;C9J0A4;F6TJN8;P57723-2;P57723	Poly(rC)-binding protein 1	PCBP1	43077000	13959000	51881000	6289700	20994000	4430000
Q15366-6;Q15366-3;Q15366;Q15366-2;H3BRU6;F8VZX2;Q15366-7;B4DXP5;Q15366-4;Q15366-5;F8W0G4;F8VXH9;F8W1G6;J3QT27;E9PFP8;P57721-2;P57721-3;P57721-5;P57721-4;P57721;H3BND9;H3BSS4;F8VRH0	Poly(rC)-binding protein 2;Poly(rC)-binding protein 3	PCBP2;PCBP3	12714000	5310700	20939000	5549500	14788000	6650200
Q15386;Q15386-2;Q15386-3	Ubiquitin-protein ligase E3C	UBE3C	12463000	5447000	6849200	374820	441560	106520
Q15393;Q15393-3;Q15393-2;J3QL37;J3QRB2;I3L4G7	Splicing factor 3B subunit 3	SF3B3	9566800	5296400	8242800	2745700	2374300	1692900
Q15397	Pumilio domain-containing protein KIAA0020	KIAA0020	75055	96381	156850	186760	1850300	707030
Q15427	Splicing factor 3B subunit 4	SF3B4	497530	478270	880770	600080	894790	290810
Q15437;Q5QPE1;Q5QPE2	Protein transport protein Sec23B	SEC23B	428010	170910	172800	57167	0	0
Q15459;Q15459-2;F8WB66	Splicing factor 3A subunit 1	SF3A1	1938300	990380	1494800	1289800	1302000	852370
Q15477;H7C4L3	Helicase SKI2W	SKIV2L	1000600	471870	868220	441820	1510800	769770
Q15633-2;Q15633;H3BV98;F8VZ57;F8VYK6;F8VZZ7;F8VTT7;F8VP94;F8VW32;F8VYK3	RISC-loading complex subunit TARBP2	TARBP2	787390	456250	1290100	307710	831420	435500
Q15637-4;Q15637-6;Q15637-3;Q15637-2;Q15637;F8WEV5;Q15637-7;Q15637-5	Splicing factor 1	SF1	244450	256640	263790	116290	331790	117550
Q15691;C9J830;Q9UPY8-2;Q9UPY8	Microtubule-associated protein RP/EB family member 1	MAPRE1	3976600	1935100	3294100	265590	973450	130260
Q15717;Q15717-2;M0QZR9;M0R055	ELAV-like protein 1	ELAVL1	6299900	5418700	10465000	2098400	13782000	2917200
Q15773	Myeloid leukemia factor 2	MLF2	408850	512560	800210	0	0	0
Q15819;G3V113;H0YBP9;H0YBX6;I3L0A0;Q13404-8;Q13404;Q13404-7;Q13404-2;Q13404-1;E5RIF1;D6RG00;G3V2F7;Q13404-6	Ubiquitin-conjugating enzyme E2 variant 2;Ubiquitin-conjugating enzyme E2 variant 1	UBE2V2;TMEM189-UBE2V1;UBE2V1	2905200	1290800	3359300	386280	1014300	68063
Q16186;A0A087WX59;A0A087WUX6	Proteasomal ubiquitin receptor ADRM1	ADRM1	424820000	218330000	341920000	72762000	47243000	44713000

Q16204	Coiled-coil domain-containing protein 6	CCDC6	503640	98451	202820	0	0	39042
Q16352;A0A087WYG8	Alpha-internexin	INA	87601	178790	257260	0	0	0
Q16531;F5GYS5;Q16531-2;F5H0Y5;F5H4N9;F5H7A0;F5H775;F5H581;F5H238;F8WF81;F5GWI0;F5H2L3;F5GZ34;F5H6C5;F5GYG8;F5GZY8	DNA damage-binding protein 1	DDB1	8083500	4779600	8149800	2842800	3409900	1822300
Q16537-2;Q16537;Q16537-3;Q15173-2;Q15173;H0YN84;H7C5Q9;Q96813;H0Y8C4;H0YJ75;E9PFR3;Q13362-2;Q13362-3;Q14738-3;Q13362;Q13362-4;Q13362-5;Q14738-2;Q14738	Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit epsilon isoform;Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit beta isoform	PPP2R5E;PPP2R5B	658670	169410	375970	0	72358	0
Q16543;K7EL68;K7EQA9;K7EIU0;K7EKQ2	Hsp90 co-chaperone Cdc37;Hsp90 co-chaperone Cdc37, N-terminally processed	CDC37	4552400	1866200	4929700	1794500	5691400	135340
Q16643;Q16643-3;D6R9W4;Q16643-2;D6RCR4;D6RF11;D6R9Q9	Drebrin	DBN1	4097000	2029900	2116700	1541400	1990500	1291400
Q16658	Fascin	FSCN1	920250	423780	1063400	0	64340	70329
Q1ED39;H3BNU8;H3BPL4	Lysine-rich nucleolar protein 1	KNOP1	98421	0	186430	0	0	0
Q1KMD3;H3BQZ7	Heterogeneous nuclear ribonucleoprotein U-like protein 2	HNRNPUL2;HNRNPUL2-BSCL2	7501500	3575700	6965800	9240100	12255000	6486000
Q27J81-2;Q27J81	Inverted formin-2	INF2	93785	103070	244790	0	0	0
Q29RF7;H0YRL9;Q29RF7-3	Sister chromatid cohesion protein PDS5 homolog A	PDS5A	64649	80856	380550	1160600	1906700	783270
Q2NL82;I3L1Q5	Pre-rRNA-processing protein TSR1 homolog	TSR1	6331200	3370200	8636600	3822400	4306400	1190300
Q2TAY7;Q2TAY7-2	WD40 repeat-containing protein SMU1;WD40 repeat-containing protein SMU1, N-terminally processed	SMU1	455180	438620	787850	178260	402500	104560
Q32P28-4;Q32P28;Q32P28-3;H7C0D1;H7C2W6	Prolyl 3-hydroxylase 1	LEPRE1	630670	334300	170830	317960	225290	126540
Q3KQU3-2;Q3KQU3-4;Q3KQU3;E9PLH3;C9JIR3;H0YF21	MAP7 domain-containing protein 1	MAP7D1	170630	81310	332130	622170	615420	413910
Q4G0J3;Q4G0J3-3;H0YA82;D6RFF0;D6R9Z6;D6RF49;D6RAF3;D6RF22	La-related protein 7	LARP7	1848000	733560	2278900	1807400	3493400	2215400
Q4VCS5;A6NP16;E7ERM3;Q4VCS5-2	Angiomotin	AMOT	600600	215600	420640	0	0	0
Q5ZLI0;Q5ZLI0-2	Protein FAM98B	FAM98B	9621600	2841400	4344600	3163200	10804000	6628800
Q53EL6-2;Q53EL6;Q5VZS7	Programmed cell death protein 4	PDCD4	4959700	3346300	7345400	10934000	20075000	9125300
Q53H80	Akirin-2	AKIRIN2	1408200	2066800	2324500	0	0	0
Q562R1	Beta-actin-like protein 2	ACTBL2	3110900	55306	3087700	0	0	89437
Q5C9Z4	Nucleolar MIF4G domain-containing protein 1	NOM1	31779	0	43686	196460	523610	151360
Q5F1R6;Q5F1R6-3;Q5F1R6-2	DnaJ homolog subfamily C member 21	DNAJC21	856760	411060	985090	354020	505180	299820
Q5JR04;Q9HCE1;Q9HCE1-2	Putative helicase MOV-10	MOV10	2085400	1484200	3216200	2077800	5028900	2170100
Q5JRC6;Q8IWS0-5;Q8IWS0-3;Q8IWS0;Q8IWS0-4;Q8IWS0-2	PHD finger protein 6	PHF6	463910	235740	282760	80377	757460	338480
Q5JTH9-2;Q5JTH9-3;Q5JTH9;A0A087X1U8;H7C1M8;A0A087WYW2;A0A087X0G0	RRP12-like protein	RRP12	2914100	1077200	3544900	1953800	3597400	1459400
X6RSZ6;Q5JTJ3-3;Q5JTJ3;Q5JTJ3-2	Cytochrome c oxidase assembly factor 6 homolog	COA6	970650	0	1303200	0	0	199260
Q5JUP3;Q98QI0-4;Q98QI0-3;Q98QI0;Q98QI0-2	Allograft inflammatory factor 1-like	AIF1L	3205100	3327900	3545500	0	0	0
Q5JVF3-3;Q5JVF3-2;Q5JVF3;Q5JVF3-4	PCI domain-containing protein 2	PCID2	0	56056	113620	121940	284790	90724
Q5JY65;Q9BZJ0-2;Q9BZJ0-3;Q9BZJ0	Crooked neck-like protein 1	CRNKL1	122550	107220	193250	217890	361370	177150
Q5QPM7;Q92530;H0Y555;Q5QPM9;F5H4Z3	Proteasome inhibitor PI31 subunit	PSMF1	9283900	7484600	7968000	2097100	4322700	2584700
Q5RKV6	Exosome complex component MTR3	EXOSC6	21933000	6313700	13592000	24735000	33388000	14882000
Q5SQ08		C8G	3880700	0	0	521920	507890	119900
Q5SSJ5;X6RGJ2;Q5SSJ5-3;Q5SSJ5-2;B0QZK4;Q5SWC8;B0QZK9;B0QZK8;Q5SSJ5-5	Heterochromatin protein 1-binding protein 3	HP1BP3	1769600	686390	998540	1073700	1865800	1013100
Q5SW79-2;Q5SW79-3;Q5SW79;H0Y2V6;E5RIH6;E5RGW7;E5RJT5;E5RFU8;E5RG47;H0Y4T4;E7EWM2;E7EMW0;Q96L14	Centrosomal protein of 170 kDa	CEP170	156550	103360	245990	0	58238	11460
Q5SYF9;Q5VY60;Q7Z4H7-2;Q7Z4H7-3;Q7Z4H7	HAUS augmin-like complex subunit 6	HAUS6	582050	0	399600	0	0	0
Q5T1M5-2;Q5T1M5	FK506-binding protein 15	FKBP15	167270	71014	142190	0	0	0
Q5T280;A0A087WYA7;R4GNG4	Putative methyltransferase C9orf114	C9orf114	199490	266510	286070	191340	202920	166590
Q5T3Q7;Q9H583	HEAT repeat-containing protein 1;HEAT repeat-containing protein 1, N-terminally processed	HEATR1	15796	23526	46048	53306	77573	55146
Q5TDF0;Q98SD7	Cancer-related nucleoside-triphosphatase	NTPCR	282620	110980	633110	0	389650	73274
Q5TDH0;Q5TDH0-3;Q5TDH0-2;H0YII4;H0YI90;Q8WTU0	Protein DDI1 homolog 2	DDI2	30409000	9298000	13594000	522980	617910	330290
Q5TZA2;Q5TZA2-2	Rootletin	CROCC	74400	20763	4685000	32630	29047	27938
Q5VTE6-2;Q5VTE6	Protein angel homolog 2	ANGEL2	194460	0	94005	92934	183780	0
Q5VTR2;C9JW4;C9J0A5;C9JXC9	E3 ubiquitin-protein ligase BRE1A	RNF20	231530	236400	291920	24105	37040	31061
Q5VW32-2;Q5VW32;Q5VW33;F5GXQ0	BROI domain-containing protein BROX	BROX	715130	81889	447740	0	0	0
Q5VW36;S4R400	Focadhesin	FOCAD	240930	24520	314560	84404	166010	55483
Q5VWC4;P55036-2;H7C2J9	26S proteasome non-ATPase regulatory subunit 4	PSMD4	914310	526800	495530	0	0	0
Q5VY93;V9GYM8;Q92974-3;Q92974-2;Q92974;V9GYF0	Rho guanine nucleotide exchange factor 2	ARHGEF2	532900	301520	370280	1401800	1058000	1773500
Q5VYK3;I3KN16;R4GMY1;F6XAQ5;R4GMY3	Proteasome-associated protein ECM29 homolog	ECM29;KIAA0368	84787000	43756000	59619000	8988700	7846000	4767000
Q5VYS8-6;Q5VYS8;X6R3Q3;Q5VYS8-4;Q5VYT0;Q5VYS8-3;Q5VYS8-2	Terminal uridylyltransferase 7	ZCCHC6	0	184020	535060	5024.4	22390	0
Q66GS9	Centrosomal protein of 135 kDa	CEP135	36710	0	0	0	0	0
Q66K74-2;Q66K74;M0R1M7;M0QXQ9;M0R1J2;M0QY41	Microtubule-associated protein 1S;MAP1S heavy chain;MAP1S light chain	MAP1S	196960	23026	367280	0	310070	100430
Q68EM7-2;Q68EM7-6;Q68EM7-5;Q68EM7;C9JZD3;Q68EM7-4;Q68EM7-7;Q68EM7-3	Rho GTPase-activating protein 17	ARHGAP17	227500	80990	52903	0	0	419580
Q69YN2;Q69YN2-3;X6R7M0;Q69YN2-2	CWF19-like protein 1	CWF19L1	1724900	1185100	2113500	1020700	1560200	882740
Q6IA86-4;Q6IA86-7;Q6IA86-2;Q6IA86-3;Q6IA86-5;Q6IA86;Q6IA86-6	Elongator complex protein 2	ELP2	0	53923	164170	0	0	0
Q6IBW4-2;Q6IBW4;Q6IBW4-4;E5RJN3;H0YC55;Q6IBW4-5	Condensin-2 complex subunit H2	NCAPH2	1010800	807910	1694000	1820900	2933700	1142300
Q6IQ49-2;Q6IQ49;Q6IQ49-3	Protein SDE2 homolog	SDE2	925480	1215600	1898500	1754700	2300600	829470
Q6N069;Q6N069-5;Q6N069-4;Q6N069-3;Q6N069-2	N-alpha-acetyltransferase 16, NatA auxiliary subunit	NAA16	79980	14940	372240	49832	269880	232550
Q6NZY4;Q6NZY4-2;F5GXQ6;F5H803;F5H6J5;F5GX80	Zinc finger CCHC domain-containing protein 8	ZCCHC8	895490	529450	554840	585030	878390	506230
Q6P158;Q6P158-2;H7C109;A0A087WZ11;Q6P158-3;A0A087WW12	Putative ATP-dependent RNA helicase DHX57	DHX57	1411600	803400	1415100	454490	1505200	419580
Q6P1J9	Parafibromin	CDC73	1828700	773750	1407700	68123	123360	142800
Q6PZE9;Q6PZE9-2	Enhancer of mRNA-decapping protein 4	EDC4	8912900	744650	2354900	6927900	1231200	558820
Q6P2Q9;I3L0J9;I3L1T8	Pre-mRNA-processing-splicing factor 8	PRPF8	1469800	866720	1823000	742550	1007100	609510
Q6P4E2;Q96J85;Q71RC2-7;Q71RC2-6;Q71RC2-3;Q71RC2;Q71RC2-4;Q8TBL5;A0A087WTL9;Q71RC2-2;Q71RC2-5;F8WT14;F8VY40;X6RLN4	La-related protein 4	LARP4	2772000	1404900	1507200	592710	3605200	1621400
Q6PGP7;D6RCE2	Tetratricopeptide repeat protein 37	TTC37	3029800	880480	2068600	2375600	3293800	1399900
Q6PK04;I3L0U5	Coiled-coil domain-containing protein 137	CCDC137	125440	0	344060	478260	814680	261020
Q6PKG0;Q6PKG0-3;E5RH50;H0YC33;H0YBW1;H0YBJ5;H0YBM7;H0YC73;H0YAN4;D6RJB0;Q659C4-9;Q659C4-2;Q659C4	La-related protein 1	LARP1	9372300	5231600	10465000	11850000	21079000	10668000
Q6QNY0	Biogenesis of lysosome-related organelles complex 1 subunit 3	BLOC1S3	0	0	155630	0	0	0
Q6UXN9;C9JBU3	WD repeat-containing protein 82	WDR82	5266700	2756400	3836000	2963200	2580200	2040800
Q6WKZ4-5;Q6WKZ4-3;Q6WKZ4	Rab11 family-interacting protein 1	RAB11FIP1	20916000	5448400	13740000	0	0	0
Q6ZN17-2;Q6ZN17	Protein lin-28 homolog B	LIN28B	1540600	0	1611800	456990	1438300	842340
Q6ZSJ8;Q6ZSJ8-2	Uncharacterized protein C1orf122	C1orf122	823300	507960	1144600	892960	2181300	893880
Q7KZB5;Q7KZB5-2;Q7KZB5-3	Transcription elongation factor SPT6	SUPT6H	2216200	1028400	2259700	218590	293760	91363
Q7KZF4;H7C597	Staphylococcal nuclease domain-containing protein 1	SND1	15888000	8710100	19926000	15105000	29735000	14586000
Q7L1Q6-2;Q7L1Q6;Q7L1Q6-4;Q7L1Q6-3;C9IZB0;C9JFN4;H0Y503	Basic leucine zipper and W2 domain-containing protein 1	BZW1	2845800	1311200	2885100	357320	1030300	451480
Q7L2H7;E9PRI2;E7ESM3;Q7L2H7-2	Eukaryotic translation initiation factor 3 subunit M	EIF3M	28173000	13603000	35028000	26207000	32032000	28248000
Q7L2J0;Q7L2J0-2	7SK snRNA methylphosphate capping enzyme	MEPCE	0	59830	41329	0	217380	29460
Q7RTV0	PHD finger-like domain-containing protein 5A	PHF5A	10189000	5685100	8737400	5677400	5728800	2310600
Q7Z2T5;Q7Z2T5-2;X6RK96	TRMT1-like protein	TRMT1L	1182400	740280	1596500	2191800	4149500	1752100
Q7ZZZ2-2;Q7ZZZ2	Elongation factor Tu GTP-binding domain-containing protein 1	EFTUD1	0	0	0	113220	448650	157610
Q7ZA17	Nuclear fragile X mental retardation-interacting protein 2	NUFIP2	176580	48062	217910	58801	345450	244450
Q8WVX6;Q7Z5K2;Q7Z5K2-2;Q7Z5K2-3	Wings apart-like protein homolog	WAPAL	0	0	0	0	318540	242670
Q7Z6K5;Q7Z6K5-2	Arpin	ARPIN	0	142410	182590	0	0	0
Q7Z7G8-2;Q7Z7G8-6;Q7Z7G8;Q7Z7G8-5;Q7Z7G8-4;Q7Z7G8-3	Vacuolar protein sorting-associated protein 13B	VPS13B	144400	207960	257880	78825	175750	159190
Q86TB9-2;Q86TB9-4;Q86TB9	Protein PAT1 homolog 1	PATL1	374230	88286	449060	182230	239300	74165
Q86U38;Q86U38-2	Nucleolar protein 9	NOP9	128630	197900	603610	345350	676190	291430
Q86U42-2;Q86U42;B4DEH8;G3V4T2;Q92843-2;H0YJH9	Polyadenylate-binding protein 2	PABPN1	3806300	1718100	1946500	93153	1301900	258440
Q86UK7-2;Q86UK7-3;Q86UK7;H3BQQ2;H3BR87;Q86UK7-4	Zinc finger protein 598	ZNF598	0	108550	298180	118270	354380	184350
Q86V93		LOC100128510	583340	290560	649330	169190	73976	0
Q86VP6;Q86VP6-2;H0YH27;Q86VP6-3;F5H6I6;F8WBB8;O75155-2;O75155	Cullin-associated NEDD8-dissociated protein 1	CAND1	20367000	2659500	17784000	2362600	2017200	1048300
Q86W42-3;Q86W42-2;Q86W42	THO complex subunit 6 homolog	THOC6	161450	0	412210	0	0	0
Q86W50	Methyltransferase-like protein 16	METTL16	0	33456	62028	21068	15898	7892.6
Q86XP3-2;Q86XP3	ATP-dependent RNA helicase DDX42	DDX42	65526	150730	123350	231390	618500	308310
Q86XZ4;F8VS10	Spermatogenesis-associated serine-rich protein 2	SPATS2	0	0	0	146620	258360	113070
Q86YP4-2;Q86YP4;Q86YP4-3;Q8WXI9	Transcriptional repressor p66-alpha;Transcriptional repressor p66-beta	GATAD2A;GATAD2B	178710	132970	445550	131810	120420	42621
Q86YQ0;Q96MX6;Q96MX6-2;H7C389;Q8ND98	WD repeat-containing protein 92	4B156	1175900	372600	974670	743520	1105400	452570
Q86Y57;Q86Y57-2;Q86Y57-3;Q86Y57-4;Q86Y57-5;H0YGU7	C2 domain-containing protein 5	C2CD5	142870	0	375120	27004	0	0
X6RLX0;Q8IUD2-3;Q8IUD2;H0YEN5;X6RM00;G8JLD3;Q8IUD2-4;O15083;Q8IUD2-2;K7EPP6;H7C4G9;Q8IUD2-5	ELKS/Rab6-interacting/CAST family member 1;ERC protein 2	ERC1;ERC2	172440	35343	62501	0	128270	0
Q8IUF8-4;Q8IUF8;H0Y9L8;Q8IUF8-3;Q8IUF8-2	Bifunctional lysine-specific demethylase and histidyl-hydroxylase MINA	MINA	369250	327030	784270	751830	1404800	900010
Q8IUI8-2;Q8IUI8;I3KST8	Cytokine receptor-like factor 3	CRLF3	1194100	902720	1991300	0	69078	0
Q8IV48;E5RIV7	3-5 exoribonuclease 1	ERI1	106390	569560	981230	522090	809010	418170
Q8IVF2-3;Q8IVF2	Protein AHNAK2	AHNAK2	38031	5677.8	43175	0	0	0
Q8IVL6-2;Q8IVL6	Prolyl 3-hydroxylase 3	LEPREL2	126020	321410	272930	0	0	0
Q8IVM0;Q8IVM0-2	Coiled-coil domain-containing protein 50	CCDC50	0	0	0	0	0	0
Q8IX12-2;Q8IX12	Cell division cycle and apoptosis regulator protein 1	CCAR1	125190	116970	243390	0	0	0
Q8IXB1-2;Q8IXB1;E7EP04;Q8IXB1-3	DnaJ homolog subfamily C member 10	DNAJC10	1391000	711070	777770	31687	36326	0
Q8IXW5-2;Q8IXW5	Putative RNA polymerase II subunit B1 CTD phosphatase RPAP2	RPAP2	165250	249110	376510	55448	97238	64690
Q8IY37;F5H3Y4	Probable ATP-dependent RNA helicase DHX37	DHX37	508630	145100	41786	318220	688960	379120
Q8IY81;J3KS74;J3QSE2;J3KS36	pre-rRNA processing protein FTSJ3	FTSJ3	0	0	357290	1079300	2896600	916330
Q8IYI6	Exosyst complex component 8	EXOC8	251890	117090	375140	35943	61316	0
Q8IZH2-2;Q8IZH2;H7C5E4;Q8IZH2-3	5-3 exoribonuclease 1	XRN1	1527400	920940	1518600	683450	925280	368970
Q8N0X7	Spartin	SPG20	3632700	1895300	2374500	726860	654300	383520
Q8N0Z6;H9KVB1	Tetratricopeptide repeat protein 5	TTC5	362740	41856	101830	0	57857	0
Q8N163-2;Q8N163;G3V119;H0YB24;E5RHJ4;H0YC69;E5RGU7;E5RFJ3;H0YC58;A0A087X2B6	Cell cycle and apoptosis regulator protein 2	CCAR2	456770	165110	522850	50221	120820	21291
Q8N1G4	Leucine-rich repeat-containing protein 47	LRRC47	6786000	3563100	10601000	4895500	14549000	4635300
Q8N3C0;Q8N3C0-4	Activating signal cointegrator 1 complex subunit 3	ASCC3	589320	306220	782720	283920	676180	232330
Q8N3R9-2;Q8N3R9	MAGUK p55 subfamily member 5	MPP5	0	0	0	0	0	0
Q8N3U4;Q8N3U4-2;B1AMT4;Q8WVM7-2;Q8WVM7;Q6BDW7;D6W5U7;Q9UJ98-2;Q9UJ98-3;Q9UJ98	Cohesin subunit SA-2	STAG2	335640	290770	744710	546730	1311200	481080
Q8N668-2;Q8N668	COMM domain-containing protein 1	COMMD1	0	0	338780	0	0	0
Q8N9T8;F8WFC1;H0YFD2	Protein KRI1 homolog	KRI1	289440	111150	1366000	860480	3377700	1431900
Q8NBJ5;M0QX72	Procollagen galactosyltransferase 1	COLGALT1	192610	263460	188650	0	0	26901
Q8NC51;Q8NC51-3;Q8NC51-2;Q8NC51-4	Plasminogen activator inhibitor 1 RNA-binding protein	SERBP1	116480000	97666000	182960000	163760000	291910000	185480000
Q8NCM8;Q8NCM8-2;Q8NCM8-3	Cytoplasmic dynein 2 heavy chain 1	DYNC2H1	63371	37452	54836	493060	706920	455240
Q8ND04-3;Q8ND04;Q8ND04-2;J3KTD7	Protein SMG8	SMG8	0	0	176460	81876	139420	82169
Q8NE71;Q8NE71-2;H0YGW7;Q5ST2B;F5GYK6	ATP-binding cassette sub-family F member 1	ABCF1	5494400	3096200	4273300	2223500	3863400	2234700
Q8NEM2	SHC SH2 domain-binding protein 1	SHCBP1	461340	86547	300250	107570	130000	0
Q8NEZ5;H3BTH6;H3BTR7;Q8NEZ5-3;H3BRE0;Q8NEZ5-2	F-box only protein 22	FBXO22	7387500	4334900	7184000	3014300	4102900	1946800
Q8NFW8;F5GYM0;Q8NFW8-2	N-acylneuraminate cytidylyltransferase	CMAS	331990	196160	321780	120860	451310	209980
Q8NI27;F2Z2V2	THO complex subunit 2	THOC2	590380	159050	446930	129460	277450	0
Q8NI36	WD repeat-containing protein 36	WDR36	155260	135170	442480	643310	1385800	649870
Q8TAF3;Q8TAF3-4;Q8TAF3-3;Q8TAF3-5;F8W9K4;F8W7Q3;C9JC24	WD repeat-containing protein 48	WDR48	412760	280680	426260	381190	496280	292610
Q8TBB5-3;Q8TBB5;H3BQH3;Q8TBB5-2;H3BP99;H3BQL0;H3BQ90;H3BVB2;Q9UIF94	Kelch domain-containing protein 4	KLHDC4	3533600	1114300	2653300	2273500	2504400	612090
Q8TBM3;Q9Y487	V-type proton ATPase subunit a;V-type proton ATPase 116 kDa subunit a isoform 2	ATP6V0A2	22820000	13376000	18979000	29539000	26395000	24492000
Q8TD16;Q8TD16-2	Protein bicaudal D homolog 2	BICD2	0	0	0	0	0	0
Q8TDD1;Q8TDD1-2;F8VRX4;H0YHH7	ATP-dependent RNA helicase DDX54	DDX54	926190	599040	1112000	2048200	4335300	2163900
Q8TDN6	Ribosome biogenesis protein BRX1 homolog	BRIX1	910330	727760	2937600	5808500	8365000	5050500
Q8TEA8	D-tyrosyl-tRNA(Tyr) deacylase 1	DTD1	1162000	942400	2708600	1616800	2309600	1380100
Q8TEQ6	Gem-associated protein 5	GEMIN5	3407600	1990200	3995500	2288900	4433200	2262100
Q9NP97;Q8TF09;H3BNG9;H3BPA0;Q7Z4M1;Q9NP97-2;H3BQJ1;B1AKR6	Dynein light chain roadblock-type 1;Dynein light chain roadblock-type 2	DYNLRB1;DYNLRB2	1098200	1166200	3217100	1795700	2104500	1238200
Q8TF46-2;Q8TF46-4;Q8TF46	DIS3-like exonuclease 1	DIS3L	0	0	1071300	1474700	3984500	3300500
Q8WTT2	Nucleolar complex protein 3 homolog	NOC3L	339140	93785	533770	923260	2807600	1226300
Q8WU90;Q8WU90-2;H7C466	Zinc finger CCCH domain-containing protein 15	ZC3H15	5303600	2081600	7381600	5087500	5790800	3964400
Q8WUA2	Peptidyl-prolyl cis-trans isomerase-like 4	PPIL4	2855800	1980500	2836300	1920400	2061200	1313000
Q8WUA4;A0A087WZD8;Q8WUA4-2;H7C3X9;H0Y4Q6	General transcription factor 3C polypeptide 2	GTF3C2	277710	104210	786430	0	9657.3	20001
Q8WUM4;Q8WUM4-2;Q8WUM4-3;C9IZT9;F8WEQ7;F8WBR8;F8WDK9	Programmed cell death 6-interacting protein	PDCD6IP	4100800	794090	1488700	9388.9	152380	38975
Q8WVY7	Ubiquitin-like domain-containing CTD phosphatase 1	UBLCP1	8581200	3354600	5103100	189760	211190	33966
Q8WW12-2;Q8WW12	PEST proteolytic signal-containing nuclear protein	PCNP	0	1071300	1474700	3984500	3300500	1773900
Q8WWH5	Probable tRNA pseudouridine synthase 1	TRUB1	134480	42317	356210	0	218510	55690
Q8WX92	Negative elongation factor B	NELFB	1051800	872610	1350700	1249200	1492100	687680

Q8WX93-7;Q8WX93-4;Q8WX93-8;Q8WX93-3;Q8WX93-5;Q8WX93;Q8WX93-2;Q8WX93-9;H0YA05	Palladin	PALLD	642510	526190	521470	0	0	0
Q8WXE1-5;Q8WXE1-3;Q8WXE1-2;Q8WXE1	ATR-interacting protein	ATRIP	0	0	0	0	1081400	804050
X6RDA4;Q8WXF1-2;Q8WXF1	Parapeckle component 1	PSPC1	1462600	917040	2258000	504620	1643800	1032500
Q8WXX5	DnaJ homolog subfamily C member 9	DNAJC9	2393500	1301000	3104500	1057900	3538100	1331100
Q8WYQ5-3;Q8WYQ5	Microprocessor complex subunit DGCR8	DGCR8	0	0	74185	0	82383	36106
Q8WZ42-13;Q8WZ42-12;Q8WZ42-11;Q8WZ42-4;Q8WZ42-7;Q8WZ42-2;Q8WZ42;Q8WZ42-8;Q8WZ42-3;Q8WZ42-10;Q8WZ42-9;Q8WZ42-5;A2TKE4;Q8WZ42-6;H0Y4J7	Titin	TTN	42202	41810	55548	85602	122180	65237
Q92499;F1T083;A0A087X2G1;Q92499-3;Q92499-2	ATP-dependent RNA helicase DDX1	DDX1	14457000	9130600	18254000	15324000	23002000	12453000
Q92522	Histone H1x	H1FX	3561500	2078300	2916400	1863200	3460900	2044300
Q92598-2;Q92598-3;Q92598;Q92598-4	Heat shock protein 105 kDa	HSPH1	328380	168900	470250	71331	18010	0
Q92600;Q92600-2	Cell differentiation protein RCD1 homolog	RQCD1	292720	391200	722570	299080	504420	163810
Q92614-3;Q92614-4;Q92614;Q92614-2;Q92614-5;H0YEV9	Unconventional myosin-XVIIIa	MYO18A	248830	80656	284400	0	6449.9	0
Q92615;H0Y4V9;A0A087X183;H0Y641;X6RCG6;V9GYI5;B5MCU2	La-related protein 4B	LARP4B	1404300	682710	1465200	1058700	3116000	1314700
Q92616	Translational activator GCN1	GCN1L1	3777900	2285800	5323600	4091000	9110300	4120500
Q92620;Q92620-2;H3BV01;J3KTG2;H3BQT9;J3KRT1	Pre-mRNA-splicing factor ATP-dependent RNA helicase PRP16	DHX38	839690	710840	878040	38969	322460	74633
Q92688-2;Q92688	Acidic leucine-rich nuclear phosphoprotein 32 family member B	ANP32B	42362000	22395000	49985000	29346000	27440000	18219000
Q92769-3;Q92769;Q13547;E5RK19;E5RFI6;E5RJ04;E5RGV4;E5RHE7;E5RH52;E5RG37;E5RFP9;H3BM24;Q5TEE2;Q96G03	Histone deacetylase 2;Histone deacetylase 1	HDAC2;HDAC1	2131400	1135900	1054200	0	210950	0
Q92878;Q92878-2;Q92878-3;E7EN38;E7ESD9;E9PM98;C9JNH8;H7C0V2	DNA repair protein RAD50	RAD50	840190	656060	1545900	845320	1444700	570240
Q92900-2;Q92900	Regulator of nonsense transcripts 1	UPF1	1629700	785370	1656900	1168000	1844600	857400
Q92905	COP9 signalosome complex subunit 5	COPS5	1056900	450180	882130	369230	434670	76285
Q92917	G patch domain and KOW motifs-containing protein	GPKOW	2350500	1843200	2148600	430810	734830	350200
Q92973-2;Q92973;Q92973-3;E7EW37;A0A075B780;O14787-2;O14787	Transportin-1	TNPO1	690050	269780	450850	329620	195630	101710
Q92979;V9GYP5;A0A087WWQ2;A0A087WVM7	Ribosomal RNA small subunit methyltransferase NEP1	EMG1	1386700	1531600	3163500	10375000	11267000	7645100
Q93008-1;Q93008;O00507;O00507-2	Probable ubiquitin carboxyl-terminal hydrolase FAF-X	USP9X	2487500	1193400	2077700	710690	661050	375730
Q93009-3;Q93009;H3BND8;F5H2X1	Ubiquitin carboxyl-terminal hydrolase 7;Ubiquitin carboxyl-terminal hydrolase	USP7	4246700	2412400	3060600	4310800	2327400	4097700
Q969Q0	60S ribosomal protein L36a-like	RPL36AL	120410000	54300000	140600000	97243000	189900000	27369000
Q96A65;Q96A65-2	Exocyst complex component 4	EXOC4	286980	228350	591890	135600	145780	0
Q96A72;F5H6N1;F5H124	Protein mago nashi homolog 2	MAGOHB	2325300	1625100	4765400	1283800	3273400	1445800
Q96B26	Exosome complex component RRP43	EXOSC8	7067900	3810200	5495600	6727300	9770300	5269100
Q96C19;H0Y4Y4;C9JTV4;Q8WYH2;A0A087X1Z2;Q9BUP0-2;Q9BUP0	EF-hand domain-containing protein D2	EFHD2	6431400	2493600	4356800	0	0	0
Q96CT7;M0R2F5	Coiled-coil domain-containing protein 124	CCDC124	40581000	20536000	50522000	53633000	97901000	43998000
Q96CW5-2;Q96CW5;A0A087WWB5;A0A087WU06;Q96CW5-3	Gamma-tubulin complex component 3	TUBGCP3	290200	150010	413430	0	0	0
Q96CX2;Q6ZWB6	BTB/POZ domain-containing protein KCTD12	KCTD12	1773500	0	966640	1173700	340770	0
Q96DI7;Q96DI7-2	U5 small nuclear ribonucleoprotein 40 kDa protein	SNRNP40	557030	386590	669920	742700	816230	415200
Q96F86;H3BQ37;H3BPW9;H3BTD6;H3BMB8;H3BTH0;H3BQP5;H3BU87;H3BPN4	Enhancer of mRNA-decapping protein 3	EDC3	1041700	457070	946390	558890	1098700	373360
Q96FX7;H0Y2Q1	tRNA (adenine(58)-N(1))-methyltransferase catalytic subunit TRMT61A	TRMT61A	1745000	64083	1367000	0	4930600	64230
Q96GA3;A0A075B6Q4	Protein LTV1 homolog	LTV1	5628500	4373500	11331000	2001700	7410300	3549100
Q96GM8;Q96GM8-2	Target of EGR1 protein 1	TOE1	5123500	1507500	4468200	1463900	549960	355800
Q96H79;Q96H79-2	Zinc finger CCCH-type antiviral protein 1-like	ZC3HAV1L	3656500	1616400	1291400	1468600	993400	548670
Q96HC4;Q96HC4-7;Q96HC4-4;Q96HC4-6;H0Y929;H0YBI4;H0YBY3;F5H7Y0;Q96HC4-3;Q96HC4-2	PDZ and LIM domain protein 5	PDLIM5	2397700	682970	640690	0	0	0
Q96HU9-2;Q9Y383-3;Q9Y383-2;Q9Y383	Putative RNA-binding protein Luc7-like 2	LUC7L2	1534700	817150	1525100	196660	479980	66651
Q96HQ2-2;Q96HQ2	CDKN2AIP N-terminal-like protein	CDKN2AIPNL	0	0	0	518850	422670	0
Q96IV0-5;Q96IV0-2;Q96IV0;H0Y2P2;Q96IV0-4;Q96IV0-3	Peptide-N(4)-(N-acetyl-beta-glucosaminyl)asparagine amidase	NGLY1	90347	0	61656	0	0	0
Q96IZ0	PRKC apoptosis WT1 regulator protein	PAWR	865740	479360	664270	0	0	0
Q96KP1	Exocyst complex component 2	EXOC2	171460	40399	152210	31826	32281	17567
Q96KR1;H0Y8W1	Zinc finger RNA-binding protein	ZFR	671600	596030	2059000	2406800	4730000	2544900
Q96L92-3;Q96L92;Q96L92-2;Q96L92-4	Sorting nexin-27	SNX27	1326300	556620	566910	0	0	0
Q96LB3;E5RGX6;E5RIF0;E5RH29;Q96LB3-2	Intraflagellar transport protein 74 homolog	IFT74	58053	97406	359150	0	0	0
Q96NL6;D6RBA6;D6RBP0;REV__Q9UHJ3-2;REV__Q9UHJ3;Q96NL6-3;Q96NL6-2	Sodium channel and clathrin linker 1	SCLT1	987720	360830	577950	0	0	0
Q96P11-2;Q63ZY6-4;Q63ZY6-5;Q63ZY6;Q96P11-5;Q96P11;Q96P11-4	Probable 28S rRNA (cytosine-C(5))-methyltransferase;Putative methyltransferase NSUN5C	NSUN5;NSUN5P2	303160	174740	485280	337860	926220	420510
Q96PK6;Q96PK6-2;F8WDX3;B8ZZ74;Q96PK6-3;Q96PK6-4	RNA-binding protein 14	RBM14	605720	604320	1098100	539000	1497600	407010
Q96QC0	Serine/threonine-protein phosphatase 1 regulatory subunit 10	PPP1R10	0	0	0	106100	140410	43505
Q96QK1;I3L4S0;I3L4P4	Vacuolar protein sorting-associated protein 35	VPS35	5152800	1604400	3250300	103980	931960	280420
Q96QR8	Transcriptional activator protein Pur-beta	PURB	1120300	621050	2244900	711740	1764800	846630
Q96RS6-3;Q96RS6-2;Q96RS6	NudC domain-containing protein 1	NUDCD1	711610	167640	477540	100940	193850	0
Q96S55-2;Q96S55;Q96S55-3;Q96S55-4	ATPase WRNIP1	WRNIP1	12312000	9006400	8521000	4217000	4563100	2506500
Q96SB4;H3BLV9;Q5JR363;B4DS61;Q96SB4-3;D6RBF8;H7C2I2;H7C521;A8MPP7;A8MPY5;E7ETV6;Q9UPE1-2;Q9UPE1-3;Q9UPE1-4;Q9UPE1	SRSF protein kinase 1	SRPK1	8992000	5705700	13004000	12239000	21104000	9063600
Q96SI9-2;Q96SI9;H0YC91	Spermatid perinuclear RNA-binding protein	STRBP	66347	147320	188010	336940	651310	401950
Q99436;Q5TBG5;Q99436-2	Proteasome subunit beta type-7	PSMB7	1841100000	1068900000	1171400000	1344300000	894590000	664840000
Q99459	Cell division cycle 5-like protein	CDC5L	3880200	483100	5424700	14285000	15877000	6469200
Q99460;Q99460-2;Q9J9M4;F8WCE3	26S proteasome non-ATPase regulatory subunit 1	PSMD1	305150000	211730000	227460000	44432000	41039000	26197000
Q99536;K7EJM4;K7ER17;Q99536-2;Q99536-3	Synaptic vesicle membrane protein VAT-1 homolog	VAT1	1563900	0	0	0	0	0
Q99543;Q99543-2;H7C3L7;C9JZB3	DnaJ homolog subfamily C member 2;DnaJ homolog subfamily C member 2, N-terminally processed	DNAJC2	4593900	2378000	4318600	5303500	9873600	5291600
Q99575;E5RK39	Ribonucleases P/MRP protein subunit POP1	POP1	879770	461600	1540300	1156600	2334100	1250100
Q99584	Protein S100-A13	S100A13	3420200	705710	2716000	0	785230	826670
Q99613-2;Q99613;B5ME19;H3BPE4;H3BPE3;H3BTY8	Eukaryotic translation initiation factor 3 subunit C;Eukaryotic translation initiation factor 3 subunit C-like protein	EIF3C;EIF3CL	19131000	8047500	21071000	19762000	31722000	16185000
Q99614;H0YB37	Tetratricopeptide repeat protein 1	TTC1	927280	239540	854400	167120	274820	164070
Q99714;Q5H928;Q99714-2	3-hydroxyacyl-CoA dehydrogenase type-2	HSD17B10	314370	196550	552930	232070	1420300	437840
Q99832-3;Q99832;F8WAM2;Q99832-4;Q99832-2	T-complex protein 1 subunit eta	CCT7	4530700	1750300	2290300	3609900	1966200	1926100
Q99996-5;Q99996-3;Q99996-2;Q99996;Q99996-6;A0A087WX84;H7BYL6;Q99996-4	A-kinase anchor protein 9	AKAP9	443540	355460	276400	83588	68851	0
Q9BPX3	Condensin complex subunit 3	NCAPG	37493	0	87927	0	0	0
Q9BQ67;M0QX71	Glutamate-rich WD repeat-containing protein 1	GRWD1	6237600	2793500	6578800	4297800	8279400	3851800
Q9BQA1;Q9BQA1-2;H0Y711	Methylosome protein 50	WDR77	2554700	1421100	2313000	599250	2330500	1120700
Q9BQG0;Q9BQG0-2;I3L1L3;I3L2H8;I3L311	Myb-binding protein 1A	MYBBP1A	1616300	827620	2113900	3583800	6344600	2821700
Q9BR76;A0A087WW53;F5H390;F5H0D2;A9Z1Z3-3;A9Z1Z3	Coronin-1B	CORO1B	15355000	9032400	9063200	277410	1309300	667440
Q9BRP8;Q9BRP8-2	Partner of Y14 and mago	WIBG	25368000	15879000	35973000	23505000	42216000	22626000
Q9BRS2;E9PFQ8	Serine/threonine-protein kinase RIO1	RIOK1	1883200	1118200	1258900	639550	1286500	529250
Q9BRT6	Protein LLP homolog	LLPH	720330	666410	1319600	0	1426900	0
Q9BRX2;REV__Q5JVM6;REV__Q96JX3	Protein pelota homolog	PELO	2022100	879380	2668000	862160	2112300	944670
Q9BS26	Endoplasmic reticulum resident protein 44	ERP44	105920	108910	144410	0	0	0
Q9BSJ8;Q9BSJ8-2;F8VZB1	Extended synaptotagmin-1	ESYT1	70810	79792	80376	0	14889	0
Q9BTE3-2;Q9BTE3	Mini-chromosome maintenance complex-binding protein	MCMBP	205410	60082	428190	105110	126520	0
Q9BTT0;E9PPH5;Q5TB19;E9PLC4;E9PI45;Q5TB25;Q9BTT0-2	Acidic leucine-rich nuclear phosphoprotein 32 family member E	ANP32E	6609500	5836200	8591300	2565200	2337800	1593800
U3KQC1;Q9BV38;K7EIR0;K7EML4	WD repeat-containing protein 18	WDR18	1402800	775150	2504800	1406800	2237100	958120
Q9BVA1	Tubulin beta-2B chain	TUBB2B	445220	130830	209970	233680	476730	0
Q9BVJ6-3;Q9BVJ6;Q9BVJ6-2	U3 small nucleolar RNA-associated protein 14 homolog A	UTP14A	61857	0	141420	204000	291750	102170
Q9BVK6	Transmembrane emp24 domain-containing protein 9	TMED9	292560	92761	362540	0	0	0
Q9BVP2-2;Q9BVP2;C9JZT7;B4DMU5;C9JYH9	Guanine nucleotide-binding protein-like 3	GNL3	7936200	4118800	7597600	6714100	15600000	4809800
Q9BVS4-2;Q9BVS4;H0Y919	Serine/threonine-protein kinase RIO2	RIOK2	270220	285090	707960	0	110200	88781
Q9BW19	Kinesin-like protein KIFC1	KIFC1	0	0	58272	0	91388	13744
Q9BWF3;E9PB51;Q9BQD4;Q9BWF3-4;E9PLB0;E9PM61;D6R9K7;U3KQD5;J3QRR5;Q9BWF3-3;Q9BWF3-2	RNA-binding protein 4;RNA-binding protein 4B	RBM4;RBM4B	7621300	3036100	8503700	2172400	6383300	2330100
Q9BWJ5	Splicing factor 3B subunit 5	SF3B5	1515300	0	0	0	0	0
Q9BX10-2;Q9BX10-4;Q9BX10;X6RJ09;H0Y7A5;H0Y4M5;H0Y5J1;Q9BX10-3	GTP-binding protein 2	GTPBP2	160010	117420	228090	90241	204130	178180
Q9BXI9;Q9BXI9-4	N-alpha-acetyltransferase 15, NatA auxiliary subunit	NAA15	1381600	546980	3033000	186430	685580	290960
Q9BXP5-5;Q9BXP5-4;Q9BXP5-2;Q9BXP5-3;Q9BXP5;H7C3A1;H7C1K0;H7C0U8	Serrate RNA effector molecule homolog	SRRT	8754300	5791600	13068000	2252800	3587800	1489900
Q9BXR0-2;Q9BXR0	Queuine tRNA-ribosyltransferase	QTRT1	258570	350010	685270	449410	682780	338850
Q9BXW9;Q9BXW9-1;Q9BXW9-3;H7BZI7;Q9BXW9-4	Fanconi anemia group D2 protein	FANCD2	882100	449600	1555200	1807100	3183600	1694500
Q9BY44-3;Q9BY44;F8WAE5;Q9BY44-4;C9IZE1;Q9BY44-2;H7C5Q3;H7C5R5;F8WF18;F8WAT3	Eukaryotic translation initiation factor 2A;Eukaryotic translation initiation factor 2A, N-terminally processed	EIF2A	4097200	2594200	6220100	4951200	9975600	4210800
Q9BYG3;H7BZL0	MKI67 FHA domain-interacting nucleolar phosphoprotein	NIFK	0	0	661170	396940	1082200	1773800
Q9BZE4;Q9BZE4-2;Q9BZE4-3;Q5T3R7;H0YKC1;REV__B7ZC06;H0YLK7;REV__Q08379;REV__Q68E01-2;REV__Q68E01;C4B7M2;Q9NVE4;Q96JI7-2;Q96JI7-3;Q96JI7	Nucleolar GTP-binding protein 1	GTPBP4	3497300	2795100	5362500	6699000	14636000	8047100
Q9BZH6;S4R3Z0	WD repeat-containing protein 11	WDR11	440440	246710	385880	133720	101100	50387
Q9BZI7-2;Q9BZI7;A0A087WYC8	Regulator of nonsense transcripts 3B	UPF3B	375810	477210	2063300	951790	2642100	1413800
Q9BZL1	Ubiquitin-like protein 5	UBL5	16571000	7532700	10427000	5167000	6653300	3844300
Q9BZL4-2;Q9BZL4-3;Q9BZL4-4;Q9BZL4;K7EL81;Q9BZL4-5	Protein phosphatase 1 regulatory subunit 12C	PPP1R12C	660980	166320	1041000	432170	1086200	731320
Q9C0D5	Protein dpy-30 homolog	DPY30	658690	343500	553270	281960	378300	242030
Q9CZL7	Ribosome biogenesis protein WDR12	WDR12	1854000	704210	1895100	2983300	4585800	2058800
Q9CZP4-2;Q9CZP4;X6RHB9;X6R8S9	PITH domain-containing protein 1	PITHD1	1944700	1333300	2413500	0	151110	58169
Q9CZS1-2;E7EX70;Q9CZS1	DNA-directed RNA polymerase I subunit RPA49	POLR1E	6004200	6031400	9571300	2881400	2669300	1629000
Q9CZU8;H3BP64;H3BUL4;H3BMX9;H3BTP8;H3BSY6;H3BQQ6;H3BTI2;H3BU93;Q6P4H7;H3BSF0;H3BNK9;H3BN22;H3BPH9;H3BPF9	Protein FAM192A	FAM192A	33053000	17128000	19410000	10035000	20879000	7865000
Q9H0A0;Q9H0A0-2;A0A087WV29;E9PJN6;E9PMU0	N-acetyltransferase 10	NAT10	532250	480670	1101100	1444900	3306500	1418000
Q9H0D6-2;Q9H0D6	5-3 exoribonuclease 2	XRN2	657360	263640	1412500	717810	2553400	1057100
Q9H0S4-2;Q9H0S4;F5H1N9	Probable ATP-dependent RNA helicase DDX47	DDX47	960240	1463300	2072100	495060	3496100	881760
Q9H1I8;B1AH59;B1AH60;Q9H1I8-3;Q9H1I8-2	Activating signal cointegrator 1 complex subunit 2	ASCC2	590040	728610	9998100	259010	1039100	463460
Q9H2H8;B8ZZ77;H7BZ14;Q9H2H8-2;C9K058;F8WC82;C9J4N2	Peptidyl-prolyl cis-trans isomerase-like 3;Peptidyl-prolyl cis-trans isomerase	PPIL3	232980	645520	1439600	259190	708450	433170
Q9H2U1-3;Q9H2U1-2;Q9H2U1;E7EWK3;H7C5F5	ATP-dependent RNA helicase DHX36	DHX36	3313100	1707200	1429100	1312500	1468500	266700
Q9H3G5;H7C0X5;A0A087WVP6;C9J6L4;H7C218;C9JI22;A0A087WXJ9;C9JLV0	Probable serine carboxypeptidase CPVL	CPVL	0	60425	53702	0	0	0
Q9H3P7	Golgi resident protein GCP60	ACBD3	0	0	109910	0	0	0
Q9H3U1-2;Q9H3U1	Protein unc-45 homolog A	UNC45A	41858	0	125550	0	0	0
Q9H444	Charged multivesicular body protein 4b	CHMP4B	2595800	118530	2680600	0	0	70269
Q9H4L4;J3QRE4;A0A087WV50;J3QL36;A0A087X0R7	Sentrin-specific protease 3	SENP3;SENP3-EIF4A1	484600	144910	794590	223600	828010	355340
Q9H6R4-2;Q9H6R4-4;Q9H6R4;Q9H6R4-3	Nucleolar protein 6	NOL6	0	0	0	128670	162700	121850
Q9H6S0;D6RA70;D6R9T8;D6RF50	Probable ATP-dependent RNA helicase YTHDC2	YTHDC2	2547300	1306700	2785400	1883700	3384700	1818500
Q9H6T3-3;Q9H6T3-2;Q9H6T3	RNA polymerase II-associated protein 3	RPAP3	1232500	675530	1170500	450350	1117600	598040
Q9H7B2;Q5VXN0	Ribosome production factor 2 homolog	RPF2	199240	0	0	276310	605980	0
Q9H7E9;Q9H7E9-2	UPF0488 protein C8orf33	C8orf33	36034000	6310900	31316000	20733000	31895000	15212000
Q9H814	Phosphorylated adapter RNA export protein	PHAX	798220	373270	776770	312700	3906100	967810
Q9H857;Q9H857-2;H7C519;Q9H857-4;Q9H857-3	5-nucleotidase domain-containing protein 2	NT5DC2	844720	771140	1004000	0	12120	0
Q9H9A5-4;Q9H9A5-3;Q9H9A5-2;Q9H9A5;Q9H9A5-6;H7C1X9;E9PCN5;H7C0K1;Q9H9A5-5	CCR4-NOT transcription complex subunit 10	CNOT10	248400	132280	335650	127710	217950	101050
Q9H9Y6;Q9H9Y6-3;Q9H9Y6-5;Q9H9Y6-2;Q9H9Y6-4;H7C0D9;C9JJG2;C9JS83;F8WDS4;F8WAK7;F8WBB9;F8WCS3	DNA-directed RNA polymerase I subunit RPA2	POLR1B	949410	515830	1875200	411540	807650	425130
Q9HAU5;Q9HAU5-2	Regulator of nonsense transcripts 2	UPF2	0	0	0	0	0	0
Q9HAV4;H0Y3Q8	Exportin-5	XPO5	186600	90951	217140	39976	66483	0
Q9HB71;B2ZWH1;Q9HB71-2;Q9HB71-3	Calcyclin-binding protein	CACYBP	47743000	2634600	25278000	28670000	14962000	0
Q9HC35-2;Q9HC35;B5MBZ0	Echinoderm microtubule-associated protein-like 4	EML4	85258	30179	189410	163170	553800	363240
Q9HCN4;Q9HCN4-3;Q9HCN4-2;Q9HCN4-4;Q9HCN4-5;F8WD09	GPN-loop GTPase 1	GPN1	2705000	1043700	646980	800340	2998400	1900500
Q9HCS7	Pre-mRNA-splicing factor SYF1	XAB2	437600	118370	231310	60473	225700	46866
Q9NPF7	RNA polymerase II subunit A C-terminal domain phosphatase SSU72	SSU72	208130	191400	496260	0	259780	133620
Q9NPD3;E9PI41;E9PPI9	Exosome complex component RRP41	EXOSC4	9047000	4485500	7776100	4469500	8377800	3583500
Q9NPI6-2;Q9NPI6	mRNA-decapping enzyme 1A	DCP1A	0	0	0	30778	169310	67111
Q9NQT5-2;Q9NQT5	Exosome complex component RRP40	EXOSC3	6511100	5229800	9047800	4757700	13083000	5384100
Q9NQZ2	Something about silencing protein 10	UTP3	0	0	0	392560	812960	549530
Q9NR12;D6RF83;H7BYK4;D6RH06;Q9NR12-3;Q9NR12-5;Q9NR12-6;Q9NR12-4;Q9NR12-2	PDZ and LIM domain protein 7	PDLIM7	0	52596	73514	0	0	0
Q9NR30;Q9NR30-2	Nucleolar RNA helicase 2	DDX21	30857000	18035000	48185000	39677000	72242000	38331000
Q9NR33	DNA polymerase epsilon subunit 4	POLE4	0	686170	2489800	346260	1180100	577290
Q9NR50-3;Q9NR50-2;Q9NR50;Q5QP88;H0Y580	Translation initiation factor eIF-2B subunit gamma	EIF2B3	838740	371810	852300	869060	1219900	0
Q9NRX1;F8WBJ6	RNA-binding protein PNO1	PNO1	6891900	4132800	9574500	2955500	5018700	2315400
Q9NSD9;Q9NSD9-2;REV__Q6ZSS7	Phenylalanine--tRNA ligase beta subunit	FARSB	20062000	12858000	25203000	28689000	42616000	23862000
Q9NTI5-2;Q9NTI5;A9YQ1;Q9NTI5-4;Q9NTI5-3	Sister chromatid cohesion protein PDS5 homolog B	PDS5B	155920	92109	175100	330050	584660	262570
Q9NU22;Q5T795	Midasin	MDN1	171290	112060	395110	91256	268810	62841
Q9NUD5	Zinc finger CCHC domain-containing protein 3	ZCCHC3	111310	0	0	0	0	0
Q9NUQ3;Q9NUQ3-2	Gamma-taxilin	TXLNG	4820200	2290200	4283900	4089600	5034200	2375500
Q9NV70-2;Q9NV70	Exocyst complex component 1	EXOC1	294890	121750	318690	97460	88335	47049

Q9NVI1;Q9NVI1-2;Q9NVI1-1;F8W7R3;H3BP78;H3BS60;H3BQE2;H3BT54;H3BMG4;Q9NVI1-4	Fanconi anemia group I protein	FANCI	1723800	2746200	2150900	1368400	1629300	807260
Q9NVM9-2;Q9NVM9;H0YIA9;H0YI01;H0YH12	Protein asunder homolog	ASUN	305330	127100	125190	45499	41554	0
Q9NVP1	ATP-dependent RNA helicase DDX18	DDX18	543770	248880	289560	832440	1400700	799610
Q9NW13-2;Q9NW13;C9JAA9;H7C5G8;C9JE21	RNA-binding protein 28	RBM28	530720	338010	1664700	2703000	4230000	1837400
Q9NWT1	p21-activated protein kinase-interacting protein 1	PAK1IP1	165070	231840	273620	3277700	4829700	2004700
Q9NWX6	Probable tRNA(His) guanylyltransferase	THG1L	0	315210	791490	1018400	2085400	643940
Q9NWZ8;H7BYE2	Gem-associated protein 8	GEMIN8	303020	384490	1402800	1261500	1724700	1013100
Q9NX24;D6RC52;D6RCB9;H0YC83;J3QSY4	H/ACA ribonucleoprotein complex subunit 2	NHP2	1348300	995220	3016000	4219900	2527300	2532500
Q9NX58	Cell growth-regulating nucleolar protein	LYAR	4095400	2776700	6507400	11377000	13993000	7393900
Q9NXG2;H3BNW0	THUMP domain-containing protein 1	THUMPD1	127010	0	0	1152500	1694400	801470
Q9NXV6;J3KNE1;D6RGD2	CDKN2A-interacting protein	CDKN2AIP	343600	159240	913810	1372400	3157500	1303500
Q9NYB0	Telomeric repeat-binding factor 2-interacting protein 1	TERF2IP	1038000	775150	1814500	821750	1084500	489440
Q9NYU2-2;Q9NYU2;F8WCI2;F8WCE6	UDP-glucose:glycoprotein glucosyltransferase 1	UGGT1	259850	134550	105830	0	0	0
Q9NZB2;Q9NZB2-6;Q9NZB2-4;Q9NZB2-2;Q9NZB2-5;Q5T035	Constitutive coactivator of PPAR-gamma-like protein 1	FAM120A	2974200	1846700	4927000	2862400	7306900	3046600
Q9NZI8;Q9NZI8-2;REV__M0QZ54;REV__M0R118;REV__M0R0M7;G8JLG2;REV__A0A087WWS7;REV__Q15833;Q15517	Insulin-like growth factor 2 mRNA-binding protein 1	IGF2BP1	31564000	18080000	47394000	37074000	76350000	39406000
Q9NZM5	Glioma tumor suppressor candidate region gene 2 protein	GLTSCR2	0	0	0	140170	386270	208100
Q9NZT1	Calmodulin-like protein 5	CALML5	8015400	15085000	9297400	3027900	4819600	4318100
Q9NZZ3-2;Q9NZZ3	Charged multivesicular body protein 5	CHMP5	355180	182860	0	0	0	8348400
Q9P000-2;Q9P000	COMM domain-containing protein 9	COMMD9	485540	118260	373720	0	0	0
Q9P031	Thyroid transcription factor 1-associated protein 26	CCDC59	942870	317920	648470	883620	1361700	210100
Q9P0P0;C9J1C6;F8WBU5;C9J391;H7C426	E3 ubiquitin-protein ligase RNF181	RNF181	52583000	25112000	31832000	13495000	15370000	11035000
Q9P258	Protein RCC2	RCC2	1673800	865580	1855900	285340	1802900	516810
Q9P265;Q14689-3;Q14689-2;Q14689-4;Q14689-5;Q14689-6;Q14689	Disco-interacting protein 2 homolog B	DIP2B	343120	140520	259430	105350	214390	84263
Q9P2J5;Q9P2J5-2;Q9P2J5-3;A0A087WXY1	Leucine--tRNA ligase, cytoplasmic	LARS	5769300	3515100	8048000	4086100	8076200	3945900
Q9UBB4-2;Q9UBB4;B1AHE3;B1AHE4;H0Y7N2	Ataxin-10	ATXN10	2361500	1090200	2315100	546610	1136400	333770
Q9UBV8	Peflin	PEF1	1625100	1339900	1791200	0	0	0
Q9UG63;Q9UG63-2;C9JHK9;C9JZV3	ATP-binding cassette sub-family F member 2	ABCF2	9731200	4565200	13240000	12044000	20174000	8567900
Q9UGR2-2;Q9UGR2	Zinc finger CCCH domain-containing protein 7B	ZC3H7B	0	0	0	0	0	0
Q9UHB9;Q9UHB9-4;Q9UHB9-2;Q9UHB9-3	Signal recognition particle subunit SRP68	SRP68	2269300	1150000	3241400	2979900	4998700	2383900
Q9UHD2;F5GZ14;F5H206;F5H1A3	Serine/threonine-protein kinase TBK1	TBK1	57459	82450	99799	0	0	0
Q9UHD9	Ubiquilin-2	UBQLN2	1644600	2189300	2721700	526000	690200	472760
Q9UHI6;E9PJ60;Q9UHI6-2	Probable ATP-dependent RNA helicase DDX20	DDX20	613310	254540	873450	498890	1121400	665000
Q9UHR4	Brain-specific angiogenesis inhibitor 1-associated protein 2-like protein 1	BAIAP2L1	216600	23461	206280	0	0	0
Q9UHV9	Prefoldin subunit 2	PFDN2	1731200	1043600	2200800	586580	0	460700
Q9UHX1-4;Q9UHX1-6;Q9UHX1-3;Q9UHX1-5;Q9UHX1-2;Q9UHX1;E9PQ56;H0YEM1;E9PL19;E9PMU7;E9PN18;H0YCP8	Poly(U)-binding-splicing factor PUF60	PUF60	9634900	4880300	7402900	6530100	6408300	2962900
Q9UI10;E7ER93;Q9UI10-3;A0A087WTA5;Q9UI10-2;F8WBL6;A0A087WW69;F8WEV6;H7C2L8	Translation initiation factor eIF-2B subunit delta	EIF2B4	2064400	1548600	3632600	1836700	4306400	1803600
Q9UIB4;E9PBL0;Q14393-5;Q14393-4;Q14393-3;Q14393-2;Q14393	E3 ISG15--protein ligase HERC5	HERC5	165700	205030	785760	158340	893190	398660
Q9UJA5;Q9UJA5-4;Q9UJA5-3;Q9UJA5-2	tRNA (adenine(58)-N(1))-methyltransferase non-catalytic subunit TRM6	TRMT6	1613700	1081100	1922200	2497700	7072000	3403100
Q9UJX2-3;Q9UJX2	Cell division cycle protein 23 homolog	CDC23	1327300	654580	957540	439510	568110	131440
Q9UJX3-2;Q9UJX3	Anaphase-promoting complex subunit 7	ANAPC7	150480	62853	107140	0	58606	0
Q9UK59;Q9UK59-2;F8WAY1	Lariat debranching enzyme	DBR1	2923800	1753300	3030100	1798200	2356800	1420800
Q9UKD2	mRNA turnover protein 4 homolog	MRTO4	7765200	4566300	8970800	4827700	10578000	5374200
Q9UKN8	General transcription factor 3C polypeptide 4	GTF3C4	253590	243390	532150	78341	36133	19740
Q9UKS6;E9PIY1;E9PI75;E9PNM9	Protein kinase C and casein kinase substrate in neurons protein 3	PACSIN3	1140000	274160	861510	1258100	2802100	1064800
Q9UKV8;Q9UKV8-2;Q5TA58;Q9UL18	Protein argonaute-2	AGO2	936890	364570	816750	604880	951280	365750
Q9UL25	Ras-related protein Rab-21	RAB21	383590	0	357310	0	0	0
Q9UL42	Paraneoplastic antigen Ma2	PNMA2	995090	3265200	7164900	1415000	1131800	869170
Q9UL54-2;Q9UL54-4;Q9UL54	Serine/threonine-protein kinase TAO2	TAOK2	0	0	0	0	0	0
Q9ULR0;Q9ULR0-2;Q9ULR0-1	Pre-mRNA-splicing factor ISY1 homolog	ISY1	0	103140	333460	345980	412470	235250
Q9ULV4;Q9ULV4-2;Q9ULV4-3;B4E3S0;F8W1H8;F8VUX3;F8VSA4;F8VRE9;F8VTT6;F8VVB7;H0YHL7	Coronin-1C;Coronin	CORO1C	1962600	1146400	1477500	0	61446	29554
Q9ULX3;H3BUR4	RNA-binding protein NOB1	NOB1	9454900	4865100	10786000	3720200	7376900	2629400
Q9UM54-6;E7EW20;Q9UM54-5;Q9UM54-2;Q9UM54-4;Q9UM54-1;Q9UM54	Unconventional myosin-VI	MYO6	561600	639810	685330	0	0	0
Q9UM54;H0YGF3;F5GY56;F5H2I0;H0YGZ5	Pre-mRNA-processing factor 19	PRPF19	13094000	6492200	10530000	9125300	15328000	8304000
Q9UMX0-2;Q9UMX0	Ubiquilin-1	UBQLN1	13454000	6727400	10899000	1194000	1287700	671730
Q9UN81	LINE-1 retrotransposable element ORF1 protein	L1RE1	236800	102690	443260	195520	501420	228120
Q9UN86-2;Q9UN86;D6R9X5;D6R9A4;D6RBM9;D6REX8;D6RBR0;D6RE13;D6RBW8;D6RGJ4;D6RAC7;D6RB17	Ras GTPase-activating protein-binding protein 2	G3BP2	5056100	2562000	7542100	5143600	10267000	4691900
Q9UNE7-2;Q9UNE7;H3B586;H3BTA3;H3BUD0	E3 ubiquitin-protein ligase CHIP	STUB1	1297900	395310	1449700	394410	849010	510490
Q9UNF0-2;Q9UNF0;B0QY5;G7J00;Q1G8	Protein kinase C and casein kinase substrate in neurons protein 2	PACSIN2	2502200	1222500	2807400	717520	763260	383760
Q9UNM6;Q9UNM6-2;J3KNQ3;A0A087WUL9;E9PL38;H0YD73;E9PQG3;E9PPD2;F8WBJ6	26S proteasome non-ATPase regulatory subunit 13	PSMD13	649330000	397650000	529090000	63511000	67175000	40540000
Q9UNN5;B1ANM7;Q9UNN5-2;B3KT28	FAS-associated factor 1	FAF1	2331100	746530	1889800	406060	558530	117530
Q9UNQ2;D6RCL3	Probable dimethyladenosine transferase	DIMT1	1276300	913080	3138500	1952800	4740600	3272100
Q9UNX4	WD repeat-containing protein 3	WDR3	371620	283160	524280	2240100	2899200	1153500
Q9UQ35;I3L3Q8;Q9UQ35-2	Serine/arginine repetitive matrix protein 2	SRRM2	0	64567	101310	35640	190800	79958
Q9UQ80;F8VR77;H0YIN7;F8W0A3;F8VZE9	Proliferation-associated protein 2G4	PA2G4	132990000	69916000	156190000	141480000	258690000	147030000
Q9UQE7;E7EPI2;A0A087WVF7;Q9NZM3-4;Q9NZM3-3;Q9NZM3-2;Q9NZM3	Structural maintenance of chromosomes protein 3	SMC3	2872800	2330600	5390900	6098200	11112000	4734600
Q9Y224;G3V4C6;H0YIB9;G3V4E7;P53708	UPF0568 protein C14orf166	C14orf166	11377000	7317000	18040000	21661000	29971000	14934000
Q9Y230;Q9Y230-2;M0R0Y3;X6R2L4;M0R0Z0;M0QXI6;M0QXZ7	Ruvb-like 2	RUVBL2	55142000	21611000	36584000	20910000	21444000	9627400
Q9Y244	Proteasome maturation protein	POMP	83398000	38772000	40033000	16038000	10865000	6924500
Q9Y265;Q9Y265-2;E7ETR0;H7C4G5;J3QLR1	Ruvb-like 1	RUVBL1	36424000	20545000	27936000	13234000	17036000	8178400
Q9Y266	Nuclear migration protein nudC	NUDC	3532300	1831000	3468500	1034000	1506300	507620
Q9Y281;Q9Y281-3;F8WDN3;G3V2U0	Cofilin-2	CFL2	45191000	7041700	13607000	0	530660	245890
Q9Y285;K7ER00;Q9Y285-2;K7ER16;K7EPH2;K7EK06;K7ERS0	Phenylalanine--tRNA ligase alpha subunit	FARSA	8038300	6541500	17328000	9589500	23780000	8493600
Q9Y295;J3QRI9;J3QKW7;A8MZF9;P55039	Developmentally-regulated GTP-binding protein 1	DRG1	3063100	1957600	6013200	2707200	5321800	2365700
Q9Y2A7;Q9Y2A7-2	Nck-associated protein 1	NCKAP1	1111200	748530	1983500	236420	259840	94793
Q9Y2L1;G3V1J5;Q9Y2L1-2;FZZ2C0	Exosome complex exonuclease RRP44	DIS3	1488300	1025800	1754500	1237100	3548300	1482300
Q9Y2P8;Q5VYW8	RNA 3-terminal phosphate cyclase-like protein	RCL1	0	50833	226220	105550	1006000	567350
Q9Y2R4	Probable ATP-dependent RNA helicase DDX52	DDX52	420900	0	308380	523260	800770	84151
Q9Y2S6	Translation machinery-associated protein 7	TMA7	20036000	14051000	32265000	16478000	48950000	21311000
Q9Y2X3;F8WED0;H7BZ72	Nucleolar protein 58	NOP58	364680	255760	846880	661050	1339200	366400
Q9Y333	U6 snRNA-associated Sm-like protein LSm2	LSM2	859990	844320	2272300	458960	1657200	0
Q9Y3B4	Splicing factor 3B subunit 6	SF3B6	2664500	1682400	1717300	4599800	2209900	813520
Q9Y3C1;D6RIC3;A0A087X2G6;Q6PIM0;Q9Y3C1-2;D6RC60;A0A087WU10;A0A087X1T1	Nucleolar protein 16	NOP16	1859300	922700	604770	4867900	8580400	3506000
Q9Y3F4;Q9Y3F4-2;H0YH33	Serine-threonine kinase receptor-associated protein	STRAP	13713000	4237600	13028000	2375000	6306100	2645200
Q9Y3I0	tRNA-splicing ligase RtcB homolog	RTCB	6533800	4293000	8160400	5830400	10839000	5686500
Q9Y3I1-3;Q9Y3I1-2;Q9Y3I1	F-box only protein 7	FBXO7	10803000	8969800	7969200	1918100	3525600	2629900
Q9Y3T9	Nucleolar complex protein 2 homolog	NOC2L	653780	342260	988560	1890400	2951600	1710900
Q9Y3U8;J3QSB5;J3KTD3	60S ribosomal protein L36	RPL36	103070000	33860000	65838000	28642000	65266000	21073000
Q9Y3Z3-4;Q9Y3Z3;Q9Y3Z3-3;Q9Y3Z3-2	Deoxynucleoside triphosphate triphosphohydrolase SAMHD1	SAMHD1	991810	972770	3359700	344750	1148300	283860
Q9Y450-4;Q9Y450;B7Z524;H0YDX7;J3QT46;H0YES5;E9PJ90;E9PN23;E9PS53;G5E991;E9PMN1;E9PLR4;E9PHZ9;Q9Y450-2	HBS1-like protein	HBS1L	998390	542210	1176400	926240	1216300	1267000
Q9Y490	Talin-1	TLN1	120540	23354	70051	44708	36469	17231
Q9Y4C2-2;Q9Y4C2;C9K0E7;C9J9F4;C9JD13	TRPM8 channel-associated factor 1	TCAF1	4954100	2452300	3539100	510950	560050	366070
Q9Y4C8	Probable RNA-binding protein 19	RBM19	0	0	0	0	0	0
Q9Y4E8;Q9Y4E8-2;Q9Y4E8-3;Q9Y4E8-4;F8W0H4;H0YI31;F8VVY7;F8VZG8;H0YHM4;H7C189;Q13107-2;Q13107	Ubiquitin carboxyl-terminal hydrolase 15	USP15	4605500	2147400	2973200	273940	194760	149720
Q9Y4W2-2;Q9Y4W2;Q9Y4W2-4;Q9Y4W2-3	Ribosomal biogenesis protein LAS1L	LAS1L	588380	0	92825	307130	286990	74223
Q9Y4X5;H3BNB9;A0A087WT96;H3BSK4	E3 ubiquitin-protein ligase ARIH1	ARIH1	1134800	704020	1012900	641670	956420	579690
U3KQS7;U3KQK1;V9GZ56;Q9Y4Z0;M0QXB0	U6 snRNA-associated Sm-like protein LSm4	LSM4	2686200	1674100	3667700	3331500	4428800	799110
Q9Y5B9;G3V5A4;G3V401;G3V2X0	FACT complex subunit SPT16	SUPT16H	119990	84855	376790	17812	18202	45477
Q9Y5J9;E9PIB3;G3XAN8	Mitochondrial import inner membrane translocase subunit Tim8 B	TIMM8B	4094900	3766900	7196600	0	0	0
Q9Y5K5-2;Q9Y5K5-4;Q9Y5K5-3;Q9Y5K5;Q5LJA5;Q5LJA9;Q5LJB0;H0Y6Y4;H0Y4E0;H0Y4K0;H0Y636	Ubiquitin carboxyl-terminal hydrolase isozyme L5;Ubiquitin carboxyl-terminal hydrolase	UCHL5	183240000	109630000	143290000	17245000	14600000	9264800
Q9Y5K6	CD2-associated protein	CD2AP	495750	101060	614030	0	0	0
Q9Y5S2;H0YLY0	Serine/threonine-protein kinase MRCK beta	CDC42BPB	82765	38106	97387	0	29814	0
Q9Y5S9;Q9Y5S9-2	RNA-binding protein 8A	RBM8A	5236200	1264700	13109000	568060	2533000	801280
Q9Y5T5-5;Q9Y5T5-2;Q9Y5T5;H9KVB6;Q9Y5T5-3	Ubiquitin carboxyl-terminal hydrolase 16	USP16	1449600	740870	1513400	1618200	1687800	684320
Q9Y678;H0Y8X7	Coatomer subunit gamma-1	COPG1	263670	408940	287870	0	175010	74738
Q9Y6A4	Cilia- and flagella-associated protein 20	CFAP20	691110	284500	298950	121110	448910	302010
Q9Y6W5;Q9Y6W5-2	Wiskott-Aldrich syndrome protein family member 2	WASF2	428620	317540	603740	54266	193180	70417
R4GNH3;E9PN50		PSMC3	606290000	299230000	269030000	98061000	36197000	20384000

Table S2. Statistical analysis and fold-changes using normalized values

		Normalization with PSMB2 values for each group						Analysis	
Protein names	Gene names	Normal #1	Normal #2	Normal #3	lucose-free #	glucose-free #2	glucose-free #3	p-value	Log2(Glucose-free/Normal)
Proteasome subunit beta type-2	PSMB2	1	1	1	1	1	1	0.001556127	0
Ubiquitin-like domain-containing CTD phosphatase 1	UBLCP1	0.004804165	0.00351157	0.00466079	0.00020401	0.000282865	6.61396E-05	0.012890741	-4.513863045
YTH domain-containing family protein 3;YTH domain-containing family protein 1	YTHDF3;YTHDF1	0	0.00010189	0.00066644	0.00068636	0.001509891	0.00025423	0.396111582	1.397242861
WD repeat-containing protein 3	WDR3	0.000208051	0.00029641	0.00047884	0.00240832	0.003883152	0.00224613	0.015864424	3.022361673
40S ribosomal protein S17-like;40S ribosomal protein S17	RPS17;RPS17L	0.080522898	0.04305663	0.08491369	0.19192603	0.272565329	0.239392464	0.047991311	1.571906737
Lymphoid-specific helicase	HELLS	0.000157524	0.00020998	0.00012153	5.1296E-05	0.000115068	0.000218732	0.441831886	-0.45308497
Ribosome biogenesis protein BOP1	BOP1	0.000152564	0.00014646	0.00021141	0.0008075	0.001707719	0.000960491	0.020773556	2.654357521
Ribosome biogenesis regulatory protein homolog	RRS1	0	0.00035721	0.00057228	0.00509875	0.009586263	0.005043131	0.013908835	3.4953291
Far upstream element-binding protein 2	KHSRP	0.000890662	0.00091923	0.00153667	0.00087587	0.00170571	0.001177101	0.770592816	0.356740327
Pyrroline-5-carboxylate reductase;Pyrroline-5-carboxylate reductase 2	PYCR2	0	0	0.00020152	0	0.0002242	0	NaN	0.153891888
UBX domain-containing protein 1	UBXN1	0.000165732	0.0006907	0.00082869	0	0.000193608	0	0.183237183	-1.834929012
Heterogeneous nuclear ribonucleoprotein D-like	HNRNPDL	0.000615105	0.00079639	0.00187515	5.7313E-05	0.001175862	0.000796845	0.393678893	0.000825828
40S ribosomal protein S24	RPS24	0.011262457	0.00558254	0.02031875	0.01277858	0.043149703	0.040044786	0.173106779	1.830092812
Eukaryotic translation initiation factor 5B	EIF5B	0.000961538	0.00201057	0.00309069	0.0005234	0.001451226	0.0039225	0.75727157	-0.47033451
Spectrin beta chain, non-erythrocytic 1	SPTBN1	0.005023346	0.00359908	0.00709407	0.00054001	0.001095512	0.001035829	0.023678317	-2.277862794
C-Myc-binding protein	MYCBP	0.007056321	0.00636858	0.00913325	0.00415761	0.008770442	0.006853081	0.667697881	-0.042163453
Antigen KI-67	MKI67	0.000126626	0.00024568	0.00026747	0.00027947	0.000143087	0.000433531	0.583283782	0.185906424
TAR DNA-binding protein 43	TARDBP	0.003234856	0.00209222	0.00447931	0.0046471	0.007098351	0.004564697	0.209072791	0.522629198
ATP-dependent RNA helicase DDX50	DDX50	0.000339945	0.00064903	0.00159503	0.00237026	0.006741003	0.00496641	0.058573022	2.935841852
Clathrin heavy chain;Clathrin heavy chain 1	CLTC	0.031969544	0.01768764	0.02700703	0.00086123	0.003311233	0.002574822	0.019186445	-3.390790548
Ribosome-binding protein 1	RRBP1	0.000104417	0.00029148	0.00083181	0.00130108	0.005597032	0.003228897	0.067179254	3.469577569
DNA-directed RNA polymerases I, II, and III subunit RPABC1	POLR2E	0.007415183	0.01398723	0.0210832	0.00979799	0.01681333	0.01292766	0.980090783	-0.113649019
Endophilin-B1	SH3GLB1	5.62087E-05	0	0	0	0	0	NaN	NaN
	PSMD1	0.001541989	0.00096317	0.00075591	0.00014718	8.91844E-05	0	0.019165534	-3.071569086
Round spermatid basic protein 1	RSBN1;RSBN1L	0	0	6.3561E-05	6.2909E-05	0.000383788	0	0.36939974	1.289610265
Hepatoma-derived growth factor-related protein 2	HDGFRP2	0.002457508	0.00223898	0.00130185	0.00183132	0.002493939	0.001028021	0.713737239	-0.289961244
60S ribosomal protein L17	RPL17	0.111180159	0.13163404	0.2264225	0.21003064	0.481563333	0.39805277	0.10785976	1.596427068
YTH domain-containing family protein 2	YTHDF2	0.004018307	0.00416832	0.01182665	0.00957975	0.019729176	0.014785318	0.128342722	1.826625947
Unconventional myosin-Va	MYO5A	2.54423E-05	2.0108E-05	6.2027E-05	9.2847E-06	8.37961E-05	4.52653E-05	0.965222344	0.831176419
Cyclin-dependent kinase 1	CDK1	0.004670474	0.00512572	0.00798776	0.00163898	0.004912203	0.003585435	0.177617001	-0.515606508
AP-2 complex subunit mu	AP2M1	0.002765088	0.00200073	0.00437775	0.00227813	0.002599751	0.002873527	0.761303944	-0.088951945
ATP-dependent RNA helicase DHX29	DHX29	0.0003116	0.00025353	0.00119618	0.00063613	0.002456169	0.001892085	0.166826446	2.602209763
Selenoprotein H	C11orf31;SELH	0.000746333	0.00131885	0.00122541	0.00130474	0.003846988	0.004443579	0.116066827	1.650465977
Signal recognition particle 19 kDa protein	SRP19	0.003070765	0.0018456	0	0.00120604	0.004335463	0.002511732	0.985953186	0.07733931
Prostaglandin E synthase 3	PTGES3	0.003830198	0.00990945	0.00329911	0.00328893	0.006586169	0	0.899636027	0.281110383
Sorting nexin;Sorting nexin-9	SNX9	0.000467708	0.00055236	0.0006038	0.00027121	0.000403089	0.000445448	0.316616523	-0.454513047
Myristoylated alanine-rich C-kinase substrate	MARCKS	0.003574572	0.0035727	0.00878153	0.00038004	0.001119728	0.000771746	0.031787561	-2.211572506
Heterogeneous nuclear ribonucleoprotein A/B	HNRNPAB	0.007893293	0.01109599	0.02601973	0.01996022	0.04711429	0.035739461	0.136540405	1.687479354
Kinesin-like protein;Kinesin-like protein KIF3A	KIF3A	0	0	0	0	0	0	NaN	NaN
Ribosome maturation protein SBDS	SBDS	0.009433994	0.00281158	0.01131154	0.00075353	0.003849667	0.00294908	0.169604581	-1.677603724
	TPM3	0.003540813	0.00042245	0.00490538	0	0	0	NaN	NaN
Hypoxia up-regulated protein 1	HYOU1	0.00018031	0.00015863	0.00039612	0.00010947	0.00026043	0.000186309	0.553216982	0.047217957
RNA-binding protein 26	RBM26	0	2.9181E-05	0	0	0	0	NaN	NaN
Calcium-binding protein 39;Calcium-binding protein 39-like	CAB39;CAB39L	0.000700593	0.00014052	0.00033556	8.6083E-05	0	0	0.080967186	-1.962754968
Kanadaptin	SLC4A1AP	8.00582E-05	4.4836E-05	9.9763E-05	0	0.000211998	0	0.031714396	1.40492957
Chromatin target of PRMT1 protein	CHTOP	0.00071151	0	0	0.00070134	0.003147694	0.002951222	0.14613929	2.05235651
Ribonuclease P protein subunit p40	RPP40	0.00313386	0.00092097	0.0026965	0.00213718	0.003824353	0.002924934	0.418606871	0.117314967
Ankyrin repeat domain-containing protein 36B;Ankyrin repeat domain-containing protein 36A	ANKRD36B;ANKRD36	0.000122579	0.00014592	0.0002511	4.7345E-05	2.34446E-05	0	0.038038941	-2.130899997
Proteasome activator complex subunit 2	PSME2	0.142212518	0.14030148	0.20858526	0.13591356	0.159721943	0.162620972	0.886602766	0.167514066
WD repeat-containing protein 6	WDR6	0	8.2192E-05	0.00013954	3.9051E-05	0.00020352	0.000513582	0.71525167	0.926306603
C-Jun-amino-terminal kinase-interacting protein 4	SPAG9	1.95336E-05	0	2.1405E-05	2.7866E-05	0	0	0.350500492	0.446589076
Putative pre-mRNA-splicing factor ATP-dependent RNA helicase DHX16	DHX16	0.000651271	0.00089312	0.00098347	0.00012484	0.000230107	0.00015035	0.029082307	-2.570534008
Mortality factor 4-like protein 2	MORF4L2	0.001220076	0.00068081	0.00298	0.00055453	0.001315024	0.000635031	0.320660216	-0.942072092
p21-activated protein kinase-interacting protein 1	PAK1IP1	9.24141E-05	0.00024269	0.0002499	0.00352384	0.006468839	0.003903612	0.010301914	4.007634984
Protein AAR2 homolog	AAR2	0.000878345	0.00063191	0.00123573	0.00018373	0.000397048	0.000221653	0.048189383	-1.98648483
RNA-binding protein 7	RBM7	0.000776061	0.00062613	0.00087653	0.00256851	0.003830514	0.002894168	0.039512488	1.898906709
40S ribosomal protein S6	RPS6	0.001505319	0.00209986	0.00348909	0	0.005366925	0.003966508	0.157365623	1.1356867
Prefoldin subunit 6	PFDN6	0.000182656	0.00146676	0.00242534	0.00087248	0.000787359	0.001049031	0.967278843	-0.749437836
Negative elongation factor E	NELFE	0	0.00015581	0.00020018	0.00028608	0.000359786	0.000384305	0.18152954	1.026562256
Zinc finger CCCH domain-containing protein 11A	ZC3H11A	0	0	1.8699E-05	0	0.000277896	0.000162946	0.010977475	3.508475057
PEST proteolytic signal-containing nuclear protein	PCNP	0	0.00112143	0.00134688	0.00428372	0.004420648	0.003454191	0.068329922	1.801383816
SLIT-ROBO Rho GTPase-activating protein 2	SRGAP2	0.001399899	0.00152067	0.00148032	0.00010472	0.000269351	0.00030441	0.019180579	-2.458347801
Exosome complex component RRP4	EXOSC2	0	0.00046511	0.00013976	0.00169704	0.000472014	0.000550599	0.199258786	1.110755738
CCR4-NOT transcription complex subunit 1	CNOT1	7.05912E-05	9.1968E-05	0.00024156	6.6938E-05	0.001107352	0.000138076	0.541745242	0.586258704
ADP-sugar pyrophosphatase	NUDT5	0	0	0.00035682	0	0	0	NaN	NaN
Ras-related protein R-Ras2	RRAS2	0.000163263	0	0.00076881	0	0	0	NaN	NaN
40S ribosomal protein SA	RPSA;RPSAP58	0.160687493	0.20385219	0.32221207	0.24434769	0.559261194	0.436744231	0.186066287	1.099265169
Host cell factor 1;HCF N-terminal chain 1;HCF N-terminal chain 2;HCF N-terminal chain 3;HCF N-terminal chain 4;HCF N-terminal chain 5;HCF N-terminal chain 6;HCF C-terminal chain 1;HCF C-terminal chain 2;HCF C-terminal chain 3;HCF C-terminal chain 4;HCF C-terminal chain 5;HCF C-terminal chain 6	HCFC1	2.24449E-05	6.0404E-05	2.3422E-05	0.00013358	0.000280682	9.73888E-05	0.051078368	2.511766323
Small nuclear ribonucleoprotein E	SNRPE	0.012702385	0.01974877	0.02566536	0.01480406	0.04750807	0.040821731	0.292831942	1.047574558
Structural maintenance of chromosomes flexible hinge domain-containing protein 1	SMCHD1	8.71123E-05	5.4407E-05	0.0001375	0.00064396	0.001163579	0.000564775	0.016288577	2.886024975
Obscurin-like protein 1	OBSL1	0.000166034	0.00017792	0.00034083	5.7074E-05	0.00012942	3.33638E-05	0.087465142	-1.640357548
Afadin	MLLT4	0.000449121	0.0003001	0.00023736	9.5231E-05	0.000185813	6.00428E-05	0.070687115	-1.655965683
Small nuclear ribonucleoprotein-associated proteins B and B;Small nuclear ribonucleoprotein-associated protein N	SNRPN;SNRPB	0.003379353	0.01940752	0.00585944	0.00179584	0.008278218	0.000913621	0.251791752	-1.706104528
Glycogen synthase kinase-3 alpha	GSK3A	0.00061001	0.00077437	0.00056056	0.00014521	0.000292295	0	0.075176321	-1.566035011
Carbonyl reductase [NADPH] 1;Carbonyl reductase [NADPH] 3	CBR1;CBR3	0	0	0.00022217	0	0	0	NaN	NaN
Small ubiquitin-related modifier 3	SUMO3	0.0026043	0.00071491	0.00165312	0	0.000912431	0.279992211	0.323442396	3.273324545
Protein TSSC1	TSSC1	0.001165491	0.00140804	0.0029789	0.00093275	0.001686824	0.001325148	0.457666125	-0.087533797
60S ribosomal protein L23a	RPL23A	0.171604524	0.173736	0.37629921	0.24833629	0.758615609	0.498159868	0.181020499	1.519712083
Suppressor of SWI4 1 homolog	PPAN	0.001808868	0.00148508	0.0026006	0.00618062	0.014089016	0.009506182	0.030474509	2.39377889
TFIIH basal transcription factor complex helicase XPD subunit	ERCC2	0.000268889	0.00031273	0.0003755	0.00012685	0.000181728	0.000155876	0.133821358	-1.004514194
M-phase phosphoprotein 6	MPHOSPH6	0.000324325	0.00038368	0.00070275	0.00884728	0.015727086	0.01113173	0.008798946	4.858626687
Matrin-3	MATR3	0.000840835	0.00012236	0.00054289	0.00056838	0.000450449	0.001277188	0.420010501	0.066198419
Putative RNA-binding protein Luc7-like 1	LUC7L	0	0	0.00074302	0	0	0	NaN	NaN
Eukaryotic translation initiation factor 3 subunit L	EIF3L	0.023656365	0.02503925	0.05129966	0.06288556	0.11626552	0.095591471	0.070552218	1.932690264
RNA-binding protein EWS	EWSR1	0.005714366	0.00582309	0.01052699	0.00900263	0.020313149	0.015035732	0.145487045	1.368537788
Coatomer subunit delta	ARCN1	0.000659277	0.00045983	0.00083438	0.00019595	0.000584415	0.000182506	0.143334458	-1.750421266
Secretory carrier-associated membrane protein 3	SCAMP3	0.000377181	0.00019992	0.00187113	0	0	0	NaN	NaN
Forkhead-associated domain-containing protein 1	FHAD1	0.000354826	0	0	0	8.12124E-05	0	NaN	-2.127339799
F-actin-capping protein subunit beta	CAPZB	0.004581066	0.00311222	0.00367029	0	0.00316082	0.001938721	0.335921278	-0.568192018
ELAV-like protein;ELAV-like protein 2;ELAV-like protein 3;ELAV-like protein 4	ELAVL2;ELAVL4;ELAVL3	0	0.00034115	0.00043418	0	0.000747137	0.000505676	0.321597172	0.675450414
ATP-dependent RNA helicase DDX19B;ATP-dependent RNA helicase DDX19A	DDX19A;DDX19B	0.0001247	7.5183E-05	0.00077803	0	0	0	NaN	NaN
Tudor domain-containing protein 3	TDRD3	0.008650207	0.02032346	0.02157001	0.01600817	0.032592652	0.038095609	0.241726068	0.68140078
Exosome complex component CSL4	EXOSC1	0.000695051	0.00017406	0	0	0.000417407	0	0.811667682	0.26309888
THO complex subunit 6 homolog	THOC6	9.03874E-05	0	0.00037648	0	0	0	NaN	NaN
Epidermal growth factor receptor substrate 15	EPS15	0.000256942	0.00011934	0.00027983	0	6.7252E-05	0	0.038494241	-1.933793656
Putative high mobility group protein B1-like 1;High mobility group protein B1	HMGB1;HMGB1P1	0.000794032	0.00065628	0.00141081	0.00052336	0.000440056	0.000150351	0.11813708	-0.851510022
Bifunctional arginine demethylase and lysyl-hydroxylase JMJD6	JMJD6	0	0.00026223	0	0	0	0	NaN	NaN
Adenylyl cyclase-associated protein 1	CAP1	0.001021442	0.00059767	0.00079865	1.7352E-05	4.96364E-05	0	0.012474102	-4.766237656

Eukaryotic translation initiation factor 3 subunit H	EIF3H	0.013065726	0.01319167	0.02963102	0.0337709	0.078646147	0.082476877	0.065409144	2.575749092
Double-strand break repair protein MRE11A	MRE11A	0.000237734	0.00045042	0.00087392	0.00027456	0.000798784	0.000259975	0.776327765	-0.714172752
Nucleosome assembly protein 1-like 1	NAP1L1	0	0	0	0.00066483	0	0	NaN	NaN
Arf-GAP with GTPase, ANK repeat and PH domain-containing protein 3;Arf-GAP with GTPase, ANK repeat and PH domain-containing protein 1	AGAP1;AGAP3	0.000105694	0.00016642	0.00094584	0	0	0	NaN	NaN
Polymerase delta-interacting protein 2	POLDIP2	9.07737E-05	0.00014472	0.00016592	0	6.01238E-05	3.91705E-05	0.098349604	-1.57633057
Exocyst complex component 7	EXOC7	8.30702E-05	6.3238E-05	0.00024497	0	3.55795E-05	0	0.088012841	-1.223284791
Citrate synthase;Citrate synthase, mitochondrial	CS	0.00370412	0.00253899	0.00212659	0.00217223	0.002264636	0.001043774	0.260030113	-0.225079551
Periodic tryptophan protein 1 homolog	PWP1	0.001179991	0.00043769	0.00277806	0.00174499	0.004492171	0.0007225	0.584457653	0.564440433
Cysteine--tRNA ligase, cytoplasmic	CARS	0.000222327	0.00020232	0.00045609	8.5592E-05	0.000317488	0.000242917	0.47039474	0.127780293
Protein unc-45 homolog A	UNC45A	2.34341E-05	0	0.00011467	0	0	0	NaN	NaN
Cytoplasmic dynein 1 intermediate chain 2	DYNC1I2	6.75792E-05	0	0.00027688	0	0	0	NaN	NaN
T-complex protein 1 subunit gamma	CCT3	0.004879465	0.00346226	0.00456772	0.0037165	0.005438716	0.003218771	0.882508881	-0.297531721
Nucleoside diphosphate kinase 7	NME7	0.000598197	0.00037459	0.00079321	8.6666E-05	0.000370327	0.00013063	0.095380481	-2.195134416
Fragile X mental retardation syndrome-related protein 1	FXR1	0.002462714	0.00280237	0.00598676	0.00288921	0.010812472	0.007804303	0.282352856	1.477624402
Heterogeneous nuclear ribonucleoproteins C1/C2;Heterogeneous nuclear ribonucleoprotein C-like 4;Heterogeneous nuclear ribonucleoprotein C-like 1;Heterogeneous nuclear ribonucleoprotein C-like 3;Heterogeneous nuclear ribonucleoprotein C-like 2	HNRNPC;HNRNPCL4;HNRNP	0.01010861	0.01285251	0.01672025	0.01709617	0.039694084	0.023845779	0.151000451	0.891684116
Interleukin enhancer-binding factor 2	ILF2	0.008104356	0.00711274	0.01920723	0.04280922	0.028795489	0.025345147	0.064194822	1.829073368
Serine/threonine-protein kinase 26	STK26	0.0019275	0.00160641	0.00234852	0.0002319	0.000526902	0.000492571	0.030073328	-1.968327263
Apoptosis inhibitor 5	API5	0	0	0.00027788	0	0.000172982	0.000196592	0.246378013	-0.591543542
Condensin complex subunit 2	NCAPH	3.05313E-05	2.4055E-05	0.00027187	0	0	0	NaN	NaN
GTP-binding nuclear protein Ran	RAN	0.010119807	0.00788632	0.01991871	0.00531162	0.014618074	0.007024632	0.427912087	-0.526687222
Abl interactor 1;Abl interactor 2	ABI1;ABI2	0.000335013	0.0002939	0.00041193	5.8931E-05	0.000282276	7.63996E-05	0.112228891	-2.13258009
Heterogeneous nuclear ribonucleoprotein L-like	HNRNPLL;HNRPLL	0.000304742	0.00061431	0.00054614	0.00013153	0.000147011	0.000170887	0.059379482	-1.893349359
Heterogeneous nuclear ribonucleoprotein U-like protein 1	HNRNPUL1	0.003843411	0.00395603	0.00645109	0.00700941	0.012021939	0.010835362	0.128611483	1.453620258
Zinc finger protein 346	ZNF346	0.000498197	0.00056607	0.00112412	0.00044726	0.001600836	0.001413708	0.462471311	1.320424146
Calpastatin	CAST	0.000343791	0.00022482	0.0004893	0.00154126	0.000578441	0.000619394	0.114013564	0.84932563
Annexin A7	ANXA7	0.000847609	0.00139611	0.0035933	6.6702E-05	0	0	0.012362458	-4.38753249
Eukaryotic peptide chain release factor subunit 1	ETF1	0.001150431	0.0008761	0.00171815	0.00063464	0.002516709	0.001784208	0.743712588	0.633109355
Rab GTPase-activating protein 1-like, isoform 10	RABGAP1L	0	0	0	0	0	0	NaN	NaN
T-complex protein 1 subunit epsilon	CCT5	0.002880361	0.00222621	0.00431647	0.00616718	0.004601465	0.003150813	0.313914259	0.675843617
Squamous cell carcinoma antigen recognized by T-cells 3	SART3	0.001673945	0.00177389	0.00272463	0.00251529	0.004012805	0.00257268	0.315974402	0.53635303
Chromobox protein homolog 3	CBX3	0.002078323	0.00246143	0.00480236	0.00145987	0.004971136	0.002702366	0.877643132	0.134728715
Pescadillo homolog	PES1	0	0	0.00015665	0.00208923	0.002213873	0.001220271	0.008322396	3.737319884
U6 snRNA-associated Sm-like protein LSm5	LSM5	0.023085881	0.01973307	0.02695223	0.02305757	0.028368224	0.010752994	0.630167356	-0.001770249
Small ubiquitin-related modifier 1	SUMO1	0.005261841	0.00248152	0.00370911	0.00088648	0.001544046	0.001490351	0.06978228	-1.315419351
Prothymosin alpha;Prothymosin alpha, N-terminally processed;Thymosin alpha-1	PTMA	0.006687941	0.0049373	0.00757476	0.01292372	0.015226156	0.013905365	0.11480192	1.056007589
Ankyrin repeat and zinc finger domain-containing protein 1	ANKZF1	0.000138736	0.00018195	0.00043507	3.542E-05	0.000170839	4.64025E-05	0.137353458	-1.971291398
Transcription elongation factor B polypeptide 2	TCEB2	0.016159445	0.01340103	0.02254452	0.01555126	0.02162307	0.023394022	0.681578306	0.420193719
DNA-directed RNA polymerase;DNA-directed RNA polymerase I subunit RPA1	POLR1A	0.000298936	0.00054438	0.0010432	0.00045108	0.001000054	0.000365573	0.983794751	-0.271247741
Histone H2A;Histone H2A.V;Histone H2A.Z;Histone H2A type 1-J;Histone H2A type 1-H;Histone H2A.J;Histone H2A type 2-C;Histone H2A type 1-C;Histone H2A type 2-B;Histone H2A type 3;Histone H2A type 2-A;Histone H2A type 1-D;Histone H2A type 1;Histone H2A type 1-B/E;Histone H2A type 1-A;Histone H2AX	H2AFV;H2AFZ;HIST1H2AJ;HIS	0.005310827	0.01037904	0.01248881	0.00427845	0.00922503	0.009251874	0.601755063	-0.170047918
Cystatin-A;Cystatin-A, N-terminally processed	CSTA	0.001836357	0.0086957	0.00468682	0.00174972	0.006893157	0.004954922	0.912075341	0.080252651
General transcription factor IIE subunit 1	GTF2E1	3.0856E-05	4.7091E-05	0.00030258	0	0	0	NaN	NaN
Sorcin	SRI	0.000187263	0.00113242	0.0011676	0.0006607	0.001161892	0.000216902	0.879438322	-0.777340611
Gamma-aminobutyric acid receptor-associated protein-like 2	GABARAPL2	0.001881536	0.00033942	0.00117682	0	0	0	NaN	NaN
DNA-directed RNA polymerase;DNA-directed RNA polymerase II subunit RPB2	POLR2B	0.001827791	0.0021298	0.00331217	0.00105171	0.001567217	0.001123766	0.158947803	-0.922377658
Vacuolar protein sorting-associated protein 29	VPS29	0.011806629	0.00716288	0.01204128	0.00173682	0.001717229	0.00100072	0.019721375	-2.781442762
Protein CMSS1	CMSS1	0.001145336	0.00153868	0.00222331	0.00333817	0.007856846	0.005489047	0.05329679	1.834863405
Heat shock protein beta-1	HSPB1	0.003237543	0.0077562	0.01036168	0	0.001706647	0.002158894	0.093370095	-2.01462183
60S ribosomal protein L37a	RPL37A	0.026997537	0.02529886	0.07669559	0.06074397	0.150881987	0.151274462	0.113393054	2.48252088
	HDLBP	0.000425031	0	0	0	0	0	NaN	NaN
Nucleosome assembly protein 1-like 4	NAP1L4	0.001410928	0.00127363	0.00250516	0	0.000847069	0	0.087011432	-0.736092971
Intraflagellar transport protein 74 homolog	IFT74	3.25008E-05	0.00010196	0.00032802	0	0	0	NaN	NaN
Zinc finger CCCH-type antiviral protein 1	ZC3HAV1	0.000246098	0.00027633	0.00044052	0.00030966	0.00066222	0.000413845	0.363679763	0.582687887
Junction plakoglobin	JUP	6.9673E-05	0.00041224	0.00013412	0.00015486	0.000348616	0.00027933	0.471274941	1.058424626
DCN1-like protein;DCN1-like protein 1	DCUN1D1	0.004052122	0.00128891	0.00275148	0.00111272	0.001448681	0.000393379	0.144391023	-1.306114148
60S ribosomal export protein NMD3	NMD3	0.000513621	0.00053158	0.00070316	0	0.00123671	0.001078493	0.167962941	1.119397866
Trifunctional purine biosynthetic protein adenosine-3;Phosphoribosylamine--glycine ligase;Phosphoribosylformylglycinamidine cyclo-ligase;Phosphoribosylglycinamide formyltransferase	GART	0.000358459	0	0	0	0	0	NaN	NaN
Malate dehydrogenase;Malate dehydrogenase, cytoplasmic	MDH1	5.79106E-05	8.1515E-05	0.00042441	0.00020262	0	0	0.483572678	1.313665788
COP9 signalosome complex subunit 1	GPS1	0.000727242	0.00038858	0.00113435	0.00036166	0.000750499	0.000643968	0.634798205	-0.175446521
Proline-, glutamic acid- and leucine-rich protein 1	PELP1	4.90091E-05	0	9.2849E-05	9.1041E-05	0.000477157	0.000243871	0.169660403	1.854080623
Golgi to ER traffic protein 4 homolog	GET4	0.004634028	0	0.00095607	0.00137548	0	0	0.627913543	-0.613794688
E3 ubiquitin-protein ligase RNF123	RNF123	0.002716773	0.00243138	0.00549466	0.00367704	0.009955666	0.006014799	0.204491453	1.146622501
WD repeat and FYVE domain-containing protein 1	WDFY1	9.66073E-05	0	0	0	0	0	NaN	NaN
DNA-directed RNA polymerases I, II, and III subunit RPABC3	POLR2H	0.004833389	0.00623155	0.01270984	0.00555846	0.008574222	0.005786778	0.776342855	-0.106830757
60S ribosomal protein L24	RPL24	0.039834285	0.04632995	0.09523244	0.08232758	0.11460334	0.205977996	0.131186387	1.306632091
Protein SEC13 homolog	SEC13	0.001946199	0.00033645	0.00097936	0	0	0	NaN	NaN
Peptidyl-prolyl cis-trans isomerase;Peptidyl-prolyl cis-trans isomerase H	PPIH	0.000666163	0.00152748	0.00169038	0.00099125	0.001120987	0	0.765801792	-0.535107122
Uncharacterized protein C7orf50	C7orf50	0.006556937	0.00620046	0.01465431	0.01326345	0.033858373	0.020050628	0.112302511	1.612553485
CGG triplet repeat-binding protein 1	CGGBP1	0.00044588	0.00108783	0.00154571	0.00154889	0.003898287	0.001901821	0.147085021	0.805933653
Eukaryotic translation initiation factor 4 gamma 2	EIF4G2	0.001010021	0.00090445	0.00213198	0.00101218	0.003350879	0.001427514	0.541017134	0.499119605
Cytoplasmic dynein 2 heavy chain 1	DYNC2H1	3.54781E-05	3.9204E-05	5.0083E-05	0.00053009	0.00094684	0.000886457	0.010518536	4.498963165
60S ribosomal protein L32	RPL32	0.10408129	0.07969538	0.1272171	0.15065312	0.302781908	0.293330737	0.104587678	1.494817505
Epsin-3;Epsin-1	EPN3;EPN1	0.000599877	0	0.00082356	0	0	0.000332976	0.101186792	-1.077855547
Calcium/calmodulin-dependent protein kinase type II subunit delta	CAMK2D	0.000975087	0.00048812	0.00080695	0.00023892	0.000286174	0.00015794	0.054448624	-1.755963734
Cyclin-dependent kinase 7	CDK7	0.001179655	0.00146792	0.00190374	0.00035031	0.000699294	0.000141832	0.065689061	-2.067069455
60S ribosomal protein L9	RPL9	0.026650431	0.04072438	0.06669924	0.0648218	0.170370073	0.135141661	0.09634401	1.730507852
COP9 signalosome complex subunit 4	COPS4	0.000391132	0.00023976	0.00060087	5.7758E-05	0	0.000180136	0.105520593	-1.939060966
40S ribosomal protein S23	RPS23	0.117136939	0.09450539	0.16924833	0.0867473	0.257724917	0.117361503	0.781528071	0.002763152
Ubiquitin-conjugating enzyme E2 K	UBE2K	0	0	0	0	0	0	NaN	NaN
PDZ and LIM domain protein 1	PDLIM1	0.012652559	0.00395792	0.00704831	0	0	0	NaN	NaN
Prefoldin subunit 1	PFDN1	0.000288685	0.00155899	0.00249073	0	0.00018221	0.000655262	0.31006625	-2.173699989
	NPM1	0	0	0	0	0	0	NaN	NaN
Transcription elongation factor B polypeptide 1	TCEB1	0.003801086	0.0020313	0.00373742	0.00093476	0.00203252	0.001222101	0.106654567	-1.612678792
Vacuolar protein sorting-associated protein 26A	VPS26A	0.002743142	0.00241191	0.00279414	0.00030513	0.000661577	0.000393379	0.022299669	-2.801837457
Transcription elongation factor A protein 1	TCEA1	0.000810548	0.00080432	0.00105507	0.00104934	0.001509757	0.001201032	0.375033856	0.567305062
Double-stranded RNA-binding protein Staufen homolog 2	STAU2	0.000605027	0.00084312	0.00202685	0.00073356	0.002886514	0.001703748	0.481999157	1.014907209
S-phase kinase-associated protein 1	SKP1	0.013340052	0.00892578	0.00965659	0.0140386	0.007754383	0.005784442	0.602118144	-0.316501831
Protein LYRIC	MTDH	0.00011787	0.00050134	0.00089744	0.00072423	0.002227267	0.001876701	0.150435934	1.904337564
DNA-3-methyladenine glycosylase	MPG	6.32908E-05	0	0.00021189	0	0	0	NaN	NaN
Switch-associated protein 70	SWAP70	0.000413145	0.00041636	0.00057153	0.00058181	0.000565476	0.000474112	0.689128551	0.441630855
Sequestosome-1	SQSTM1	0.000395404	0.00041169	0.00048879	0.0002634	0.000226624	0.000100019	0.101173088	-0.861268265
Mitogen-activated protein kinase kinase kinase kinase 4	MAP4K4	0.000126542	0.00011535	6.9046E-05	0	8.97242E-05	8.1881E-05	0.715013331	-0.428383131
Ras-related protein Rab-1A;Ras-related protein Rab-1B;Putative Ras-related protein Rab-1C	RAB1A;RAB1B;RAB1C	0.003931363	0.00561175	0.00603078	0.00054288	0.001714282	0.000864706	0.028354938	-2.698167849
Condensin complex subunit 3	NCAPG	2.09904E-05	0	8.0306E-05	0	0	0	NaN	NaN
60S ribosomal protein L14	RPL14	0.081502631	0.05742175	0.0959083	0.07596409	0.194438864	0.162570344	0.194531894	0.996145569
Septin-7	Sep-07	0.00024958	0	0	0	0	0	NaN	NaN
Protein PRRC2C	PRRC2C	0.000360184	0.00046408	0.00110366	0.00157781	0.004297023	0.003045273	0.051646292	2.714110594

Gamma-tubulin complex component 6	TUBGCP6	0	0	0	0	0	0	NaN	NaN
Ezrin	EZR	0	8.9207E-05	8.5534E-05	0.00010333	6.95772E-05	0.00010208	0.939067468	0.224806593
Polyadenylate-binding protein;Polyadenylate-binding protein 1;Polyadenylate-binding protein 3	PABPC1;PABPC3	0.008961482	0.01805715	0.02478217	0.01345052	0.037434537	0.029993185	0.35339108	0.732064125
Brain-specific angiogenesis inhibitor 1-associated protein 2-like protein 1	BAIAP2L1	0.000121263	2.4559E-05	0.0001884	0	0	0	NaN	NaN
Neurofilament medium polypeptide	NEFM	0.040532415	0.05718727	0.12567358	0.01317314	0.011391891	0.010742284	0.025387036	-2.327686814
Serine/threonine-protein phosphatase;Serine/threonine-protein phosphatase 2B catalytic subunit alpha isoform;Serine/threonine-protein phosphatase 2B catalytic subunit beta isoform	PPP3CA;PPP3CB	0.000221089	0	0.00011135	0	0.000159976	0	0.957859558	0.027971647
Ras-related protein Rab-11A;Ras-related protein Rab-11B	RAB11A;RAB11B	0.004750644	0.00593112	0.00691871	0.00210547	0.001456048	0.001677461	0.052023186	-1.822025579
Treacle protein	TCOF1	1.63739E-05	0.00014409	0.0004201	0.00012779	0.00049339	0.00035202	0.364237457	1.288677171
Serine/threonine-protein kinase MARK2;MAP/microtubule affinity-regulating kinase 3;MAP/microtubule affinity-regulating kinase 4;Serine/threonine-protein kinase MARK1	MARK2;MARK4;MARK3;MARK	4.3344E-05	3.0403E-05	3.8332E-05	0	3.92682E-05	3.58407E-05	0.972232128	-0.031080423
Basic leucine zipper and W2 domain-containing protein 2	BZW2	0.002927052	0.00341798	0.00627199	0.00120389	0.003428698	0.002114302	0.177341938	-0.692964182
Golgin subfamily B member 1	GOLGB1	0.000753611	0.000397	0.00053634	0.00017764	0.000228687	0	0.096657014	-1.411993248
Casein kinase II subunit alpha 3;Casein kinase II subunit alpha	CSNK2A1;CSNK2A3	0.000995689	0.0012864	0.0019989	0.00145772	0.004512932	0.003372408	0.163082355	1.390437532
Protein FAM193A	FAM193A	0.000687605	0.00032851	0.0012213	0.00081318	0.00319618	0.000705676	0.350768275	0.241996471
Microtubule-associated protein;Microtubule-associated protein 4	MAP4	0.001796495	0.00195352	0.00513225	0.00703962	0.012975449	0.009340668	0.056268157	2.257448225
Cytoplasmic FMR1-interacting protein 2	CYFIP2	0.000783563	0.00069361	0.00122313	8.5211E-05	0.000420836	0.000117256	0.06147979	-2.740387527
Protein SDA1 homolog	SDAD1	0.000283277	0.00047829	0.00143958	0.00065369	0.0022641	0.001806991	0.233829336	1.917631788
Cleavage stimulation factor subunit 2	CSTF2	0.000344833	0.00047203	0.0006264	0.00034518	0.000508673	0.000218752	0.39461205	-0.451525498
Eukaryotic translation initiation factor 4B	EIF4B	0.01367596	0.01507066	0.01787469	0.00890136	0.02066005	0.012462857	0.683300645	-0.274107576
Dynactin subunit 1	DCTN1;DKFZp686E0752	0.00045159	0.00048595	0.00052964	0.0017266	0.002084756	0.000383429	0.20985437	1.829050677
Chromosome transmission fidelity protein 18 homolog;Tubulin-specific chaperone E	CHTF18;TBCE	0.000188249	4.7904E-05	0.0002023	4.3077E-05	6.82378E-05	7.46295E-05	0.235488613	-1.463999161
Nascent polypeptide-associated complex subunit alpha;Nascent polypeptide-associated complex subunit alpha, muscle-specific form	NACA	0.028588064	0.04914791	0.11670472	0.01912487	0.107493872	0.056276896	0.872008388	0.195412631
THO complex subunit 4	ALYREF	0	0	0.00116157	0.00023272	0.005127309	0	0.970615194	-0.088653395
DNA-directed RNA polymerase II subunit RPB4	POLR2D	0.002696675	0.00092361	0.0041833	0	0.001997027	0.001405433	0.688085975	-0.686747402
Multifunctional protein ADE2;Phosphoribosylaminoimidazole-succinocarboxamide synthase;Phosphoribosylaminoimidazole carboxylase	PAICS	0.00041768	0.00025956	0.00047403	0.00012882	0.000316256	0.000236686	0.194965353	-0.819423691
Translation initiation factor eIF-2B subunit epsilon	EIF2B5	0.000570877	0.00113242	0.00154416	0.00158104	0.004901354	0.003061046	0.107990496	1.434616865
Heterogeneous nuclear ribonucleoprotein H;Heterogeneous nuclear ribonucleoprotein H, N-terminally processed;Heterogeneous nuclear ribonucleoprotein H2	HNRNPH1;HNRNPH2	0.022698466	0.01658118	0.03322769	0.02917701	0.030532674	0.019028722	0.792331574	0.362237443
Structural maintenance of chromosomes protein;Structural maintenance of chromosomes protein 4	SMC4	0.001684974	0.00173726	0.00420577	0.00173381	0.005029132	0.00233395	0.728485431	0.425964122
Heat shock 70 kDa protein 4L	HSPA4L	5.88456E-05	4.0986E-05	8.8866E-05	2.2243E-05	3.07215E-05	4.95862E-05	0.170633218	-0.937685888
Ankyrin repeat and KH domain-containing protein 1	ANKHD1	0	0	0	0	0	0	NaN	NaN
Signal recognition particle 9 kDa protein	SRP9	0	0	0.01023838	0	0.002714268	0	NaN	-1.915352096
Far upstream element-binding protein 1	FUBP1	0.000731945	0.00067439	0.00092218	0.00054913	0.000695571	0.000480985	0.427404792	-0.414598024
Striatin-3	STRN3	0.000703281	0.00011169	0.00027621	0	0	0	NaN	NaN
Nucleolar protein 14	NOP14	4.75165E-06	0	9.4374E-05	2.2977E-05	0.000365827	0.000274871	0.304336852	3.698238599
Protein FAM98A	FAM98A	0.000436345	0.00074261	0.00144333	6.5571E-05	0.001548198	0.001209756	0.706668091	0.704029733
Vesicle-fusing ATPase	NSF	0.000438428	9.4429E-05	0.00048692	0	0	0	NaN	NaN
Syndecan-1	SDC1	0	0	0.00040991	0	0	0	NaN	NaN
Band 4.1-like protein 2	EPB41L2	0.000229448	0.00011254	0.00040779	0	3.3699E-05	5.18022E-05	0.060856853	-2.457235751
BRO1 domain-containing protein BROX	BROX	0.000400364	8.5721E-05	0.00040893	0	0	0	NaN	NaN
ATP-dependent 6-phosphofructokinase, liver type	PFKL	0.015211622	0.01806867	0.01838615	0.00124281	0.002575106	0.000917204	0.013229283	-3.861812656
Probable ATP-dependent RNA helicase DDX10	DDX10	2.1511E-05	2.5307E-05	4.1558E-05	6.1274E-05	0.000325257	0.00017366	0.063786273	2.778645688
	CYHR1	0	0	0	0	0	0	NaN	NaN
Mitogen-activated protein kinase;Mitogen-activated protein kinase 3	MAPK3	0.000662692	0.00051468	0.00056564	0.00016909	0.000163954	0.000473917	0.099448175	-1.742086823
Methylosome subunit pICln	CLNS1A	0	0.0005046	0.00092821	0	0.000153132	0	0.026242617	-2.160015113
Transferrin receptor protein 1;Transferrin receptor protein 1, serum form	TFRC	0.000877393	0.00021589	0.00086707	0	0	0	NaN	NaN
Protein arginine N-methyltransferase 1	PRMT1	0.003380473	0.00408406	0.00525418	0.00426662	0.006166807	0.005224029	0.582326269	0.355159904
Serpin H1	SERPINH1	0.000511695	0.00030286	0.00074703	0	0.000281151	0	0.132401517	-0.863938958
Nucleolar transcription factor 1	UBTF	1.40673E-05	0	0.00016814	3.0695E-05	0	0	0.737628845	-0.663977463
NEDD8	NEDD8;NEDD8-MDP1	0.004326895	0.00828316	0.00924742	0.00496221	0.008516361	0.007042547	0.926751073	-0.234083447
Ubiquitin-40S ribosomal protein S27a;Ubiquitin;40S ribosomal protein S27a;Ubiquitin-60S ribosomal protein L40;Ubiquitin;60S ribosomal protein L40;Polyubiquitin-B;Ubiquitin;Polyubiquitin-C;Ubiquitin	RPS27A;UBB;UBC;UBA52	0.641977382	0.80475243	0.85935702	0.13568779	0.211221387	0.216726706	0.038571398	-1.929789115
Probable RNA-binding protein EIF1AD	EIF1AD	0.002828519	0.00062866	0.00086829	0.0011281	0.001346218	0	0.92319759	0.505155015
60S ribosomal protein L27a	RPL27A	0.097626246	0.13016853	0.20514202	0.0177079	0.234633878	0.180342712	0.66005464	0.470360389
Small acidic protein	C11orf58;SMAP	0.016196395	0.00941798	0.01507718	0.00042393	0.008182585	0.003155681	0.143252748	-2.256342953
	HSPA8	0.00190365	0.0015191	9.3442E-05	0.00214127	0.002297049	0.003661571	0.234228987	0.59656099
Lysine-rich nucleolar protein 1	KNOP1	5.51008E-05	0	0.00017027	0	0	0	NaN	NaN
Mitochondrial chaperone BCS1	BCS1L	0	0.0002221	0.00057977	0	0	0	NaN	NaN
Ribosomal RNA-processing protein 8	RRP8	0	0.00051158	0.00010334	0.00133215	0.002896291	0.001805627	0.063977199	2.973230545
Prefoldin subunit 4	PFDN4	0	0	0.00031233	0.00028681	0.000379623	0.000635576	0.317806258	0.281496253
40S ribosomal protein S30	FAU	0.003317602	0.01126557	0.01002649	0.00012456	0.006144306	0.005639762	0.319721766	-0.830109884
WD repeat-containing protein 74	WDR74	0.000754619	0	0.00098941	0.00159523	0.0048968	0.003292571	0.081693675	1.929987838
Gamma-tubulin complex component 2	TUBGCP2	0.000308353	0.00012757	0.00065747	2.8874E-05	0	0	0.026324327	-3.416749988
Ras GTPase-activating-like protein IQGAP3	IQGAP3	0	0	0	0	0	0	NaN	NaN
NSFL1 cofactor p47	NSFL1C	0.000608554	0.00040205	0.00073289	0	0.000313336	0	0.108161327	-0.957674752
Non-histone chromosomal protein HMG-14	HMGN1	0	0	0	0	0	0	NaN	NaN
tRNA (uracil-5-)-methyltransferase homolog A	TRMT2A	0.000915575	0.00045651	0.00137739	0.00045765	0.002514432	0.002054133	0.496418115	1.16577962
60S ribosomal protein L35	RPL35	0.238775053	0.27552601	0.56192346	0.28327689	1.00273235	1.049362282	0.243509932	1.863676134
BTB/POZ domain-containing adapter for CUL3-mediated RhoA degradation protein 3	KCTD10	0.00058812	0.00085459	0.00086125	0	0.000172835	0.0003631	0.079969525	-1.77035127
Chromodomain-helicase-DNA-binding protein 4	CHD4	3.45146E-05	8.8232E-06	0.00015909	0	8.35282E-05	3.04605E-05	0.797319917	0.547394722
Proteolipid protein 2	PLP2	0.000694155	0.00021186	0.00093771	0	0	0	NaN	NaN
DNA-binding protein SMUBP-2	IGHMBP2	0	0.00021425	0.00019492	0	0.000147828	0.000191082	0.680139408	-0.282030248
Multifunctional methyltransferase subunit TRM112-like protein	TRMT112	0.006437689	0.00724464	0.00987396	0.00741106	0.008082801	0.008707623	0.913889728	0.157942323
Diablo homolog, mitochondrial	DIABLO	0.000333109	0.00089779	0.00162855	0	0.000671288	0	0.758139636	-0.419447781
CD2-associated protein	CD2AP	0.000277545	0.00010579	0.00056081	0	0	0	NaN	NaN
Dedicator of cytokinesis protein 4	DOCK4	0	0	1.5762E-05	0	0	0	NaN	NaN
Protein C10	C12orf57	0.001428955	0.00045061	0.00190209	0	0.000681735	0	0.352973632	-1.067677527
Constitutive coactivator of peroxisome proliferator-activated receptor gamma	FAM120B	0.000455235	0.00041471	0.0005168	0.00042365	0.000727662	0.000314225	0.994923429	-0.103731801
Striatin-4	STRN4	0.000598589	0.00024166	0.00033444	0	0.000156373	0	0.064164889	-1.096764603
4F2 cell-surface antigen heavy chain	SLC3A2	0.000192431	0.00012997	0.00069015	0	0.000170718	0	0.45555267	-0.172726051
Gephyrin;Molybdopterin adenylyltransferase;Molybdopterin molybdenumtransferase	GPHN	0	0	0.00018297	0	0	0	NaN	NaN
DNA polymerase;DNA polymerase epsilon catalytic subunit A	POLE	3.65295E-05	3.1453E-05	0.00018922	9.1569E-06	4.44462E-05	5.34554E-05	0.38484533	0.282998072
tRNA pseudouridine synthase;tRNA pseudouridine synthase A, mitochondrial	PUS1	0.000104977	9.4395E-05	0.00098484	0.00026913	0.000878879	0.000804498	0.302080527	2.93801556
C-1-tetrahydrofolate synthase, cytoplasmic;Methylenetetrahydrofolate dehydrogenase;Methenyltetrahydrofolate cyclohydrolase;Formyltetrahydrofolate synthetase;C-1-tetrahydrofolate synthase, cytoplasmic, N-terminally processed	MTHFD1	0.00095734	0.00076706	0.00164216	0.00089345	0.002536666	0.001203427	0.523499674	0.330045335
Elongator complex protein 1	IKBKAP	0.00045449	0.00035596	0.00078077	0.00034004	0.00058546	0.000228099	0.388090263	-0.418535601
ATP-dependent RNA helicase DDX55	DDX55	0.000410749	0.00034702	0.00123107	0.00094032	0.002165789	0.001160101	0.160949808	1.497921446

Cleavage and polyadenylation specificity factor subunit 7	CPSF7	0.001033311	0.00189762	0.00216221	0.00102178	0.00160097	0.00093175	0.372489685	-0.893108147
Actin-related protein 2	ACTR2	0.000120121	0	0	0	0	0	NaN	NaN
Protein disulfide-isomerase	P4HB	0.00373704	0.00253062	0.00437346	0.00257808	0.003801717	0.001946237	0.500708597	-0.535599533
Dual specificity tyrosine-phosphorylation-regulated kinase 1A;Dual specificity tyrosine-phosphorylation-regulated kinase 1B	DYRK1A;DYRK1B	0.00038882	0	0.00014769	0	0	0	NaN	NaN
Protein-L-isoaspartate O-methyltransferase;Protein-L-isoaspartate(D-aspartate) O-methyltransferase	PCMT1	0.000187543	0.00053696	0.00070885	0.0005583	0.000789341	0.000689436	0.303124957	0.360596639
Ran-specific GTPase-activating protein	RANBP1	0.00508784	0.0039127	0.00805882	0.00341719	0.005697352	0.004756694	0.635887502	-0.097094083
Chromobox protein homolog 5	CBX5	0.001024409	0	0	0	0	0	NaN	NaN
CCR4-NOT transcription complex subunit 2	CNOT2	0	0.00046476	0.000706	0	0.000195028	0	0.048705788	-1.554404562
CAD protein;Glutamine-dependent carbamoyl-phosphate synthase;Aspartate carbamoyltransferase;Dihydroorotase	CAD	0.000146613	9.4633E-05	0.00020366	0.00016483	0.000350866	0.000284101	0.182237419	0.954390878
Cytokine receptor-like factor 3	CRLF3	0.000668514	0.00094496	0.0018187	0	9.25222E-05	0	0.010854467	-3.352381786
Serine/threonine-protein phosphatase;Serine/threonine-protein phosphatase PP1-gamma catalytic subunit	PPP1CC	0.002444687	0.00108448	0.00465303	0.00262409	0.00417487	0.003396748	0.449163121	0.474504426
Clathrin light chain B	CLTB	0.091266376	0.05253638	0.09923281	0.00378057	0.006876415	0.002485055	0.010691047	-4.593406629
Lysozyme;Lysozyme C	LYZ	0.000546299	0.00133393	0.00168435	0.00043063	0.001244237	0.000880732	0.537119331	-0.598904726
Density-regulated protein	DENR	0.002427556	0.00283754	0.00449247	0.00195657	0.00196823	0	0.285511	-0.532028415
	PPP1R12A	0	0	0.00035201	0	0.000269779	0	NaN	-0.383854757
Kinesin-like protein;Kinesin-like protein KIF19	KIF19	0.000421935	0.00047144	0.00077659	0.00057245	0.001483372	0.000717535	0.256635124	0.605962793
Protein SCAF11	SCAF11	2.50705E-05	5.6529E-05	5.4547E-05	2.6329E-05	0	0	0.164117076	-1.050828421
Cullin-2	CUL2	7.02441E-05	6.994E-05	0.0001284	1.5803E-05	0	0	0.013857131	-2.152196851
Keratin, type I cytoskeletal 18	KRT18	0.002489363	0.00818947	0.01063202	0.0105927	0.012340445	0.024233278	0.17492543	0.591552603
Protein canopy homolog 2	CNPY2	5.77315E-05	8.3938E-05	0.00035838	0	0.00013706	9.01762E-05	0.924819652	0.405417113
Dynactin subunit 2	DCTN2	0.002162412	0.00090086	0.00096949	0.0011124	0.000637254	0.000837406	0.318770231	-0.211306203
Syntaxin-7	STX7	0.00119242	0.00045641	0.00129007	0	5.2133E-05	0	0.010497694	-4.515551786
	NAP1L1	0	0	0	0	0.000371399	0	NaN	NaN
Heterogeneous nuclear ribonucleoprotein A1;Heterogeneous nuclear ribonucleoprotein A1, N-terminally processed;Heterogeneous nuclear ribonucleoprotein A1-like 2	HNRNPA1;HNRNPA1L2	0.023453701	0.02392442	0.05423052	0.04935226	0.096129171	0.081756402	0.104430514	1.772847636
Ubiquitin-associated protein 2-like	UBAP2L	6.62524E-05	0	0.0002907	0	0.000207484	4.87586E-05	0.778753981	-0.464428462
	RPL10	0.036794872	0.03211138	0.07439949	0.05107993	0.088253573	0.047356635	0.436617103	0.473251917
Actin-binding LIM protein 1	ABLIM1	0	0	0	0	0	0	NaN	NaN
Reticulon;Reticulon-4	RTN4	0.00221347	0.00351816	0.0042898	0.00068578	0.00167852	0.001186837	0.06778721	-1.567700107
Insulin-like growth factor 2 mRNA-binding protein 2	IGF2BP2	0.003388758	0.00277923	0.0087998	0.00747073	0.01893358	0.01236569	0.116148537	1.867514225
Probable ATP-dependent RNA helicase DDX31	DDX31	0	2.9277E-05	0.00012404	0.00012681	0.000577852	0.000394606	0.138278155	2.711103567
Methyltransferase-like protein 2B	METTL2B	0.001878513	0	0.00322431	0.00247562	0.001722184	0.003731477	0.958306442	0.008499598
THUMP domain-containing protein 1	THUMPD1	7.11063E-05	0	0	0.00123905	0.002269458	0.001560646	0.005935174	4.456022131
CDK5 regulatory subunit-associated protein 2	CDK5RAP2	0	0	0	0	0	0	NaN	NaN
Protein NipSnap homolog 1	NIPSNAP1	0.000620927	0.00102285	0.00267897	0	0.001155315	0	0.943765012	0.175690259
Prolyl 3-hydroxylase 3	LEPREL2	7.0552E-05	0.00033645	0.00024927	0	0	0	NaN	NaN
Probable ATP-dependent RNA helicase DDX56	DDX56	0.000251209	0.00052883	0.00093926	0.00033141	0.001523285	0.001337338	0.409264441	1.338490941
Cleavage and polyadenylation specificity factor subunit 6	CPSF6	0.003241126	0.00436062	0.00573596	0.00029507	0.000659889	0.000770285	0.01726758	-2.724238
U4/U6 small nuclear ribonucleoprotein Prp31	PRPF31	0.000284363	0.00020674	0.00087372	0	0	0	NaN	NaN
Protein lin-7 homolog C;Protein lin-7 homolog A;Protein lin-7 homolog B	LIN7C;LIN7A;LIN7B	0.001201265	0.00101971	0.00205818	0	0.001301416	0.001452361	0.97962958	0.1946867
60S ribosomal protein L18	RPL18	0.128238719	0.16936041	0.27572381	0.31947535	0.429126318	0.471327037	0.115989511	1.341305716
Protein PBDC1	PBDC1	0.000238904	0.00017871	0.00076507	0	0	0	NaN	NaN
DNA-(apurinic or apyrimidinic site) lyase;DNA-(apurinic or apyrimidinic site) lyase, mitochondrial	APEX1	0.012895532	0.01205381	0.02457393	0.0307531	0.062510548	0.053073703	0.0653693	2.041125918
Signal recognition particle 54 kDa protein	SRP54	0.000568693	0.00042449	0.00042697	0.00059084	0.001622936	0.000753228	0.158296446	0.818951925
Unconventional myosin-XVIIIa	MYO18A	0.000139307	8.443E-05	0.00025975	0	8.63891E-06	0	0.010184608	-4.011274649
Glucosamine 6-phosphate N-acetyltransferase	GNPNAT1	0	0	0.00103991	0	0	0	NaN	NaN
Receptor expression-enhancing protein 5;Receptor expression-enhancing protein	REEP5	0.002322752	0.00402167	0.00324094	0.00039959	0.000629592	0.000511576	0.022237455	-2.663389598
	PSMA3	0.047879857	0.0591521	0.05856517	0.03821427	0.044763665	0.063734787	0.715473858	-0.387714658
ATP-dependent RNA helicase DDX24	DDX24	3.97777E-05	0.00016405	0.0004549	0.00063969	0.001875276	0.000979418	0.095134542	2.577762734
HAUS augmin-like complex subunit 4	HAUS4	0.000262042	0.00066236	0.0003245	9.5615E-05	0	0	0.025760448	-1.762936364
Cyclin-dependent kinase 2	CDK2	0.000737599	0.00049749	0.00108887	0.00015917	0.000619011	0.000685892	0.31022077	-0.252871653
Proteasome subunit alpha type;Proteasome subunit alpha type-6	PSMA6	1.188892621	1.3656443	1.40250251	1.14379401	1.19739891	1.209697206	0.782654747	-0.189677902
UBX domain-containing protein 7	UBXN7	0.000361163	0.00056762	0.00142095	0	0	0	NaN	NaN
Catenin alpha-1	CTNNA1	0.000152105	3.5464E-05	9.3287E-05	0	0.000113074	3.65709E-05	0.781862192	-0.536731863
Ubiquitin carboxyl-terminal hydrolase 14;Ubiquitin carboxyl-terminal hydrolase	USP14	0.034126638	0.02709201	0.0279715	0.00604322	0.009417768	0.006152079	0.037891726	-2.184811894
Lamina-associated polypeptide 2, isoforms beta/gamma;Thymopoietin;Thymopentin;Lamina-associated polypeptide 2, isoform alpha;Thymopoietin;Thymopentin	TMPO	2.85007E-05	0	0.00020149	0	0.000237272	5.60997E-05	0.756445573	0.606418242
Zinc phosphodiesterase ELAC protein 2	ELAC2	0.000354971	0.00038454	0.00067883	0.00022909	0.000823629	0.000656041	0.846747098	0.770656057
Protein transport protein Sec24C	SEC24C	0.000171661	0.00017007	0.00013362	8.9028E-05	7.75291E-05	0	0.188632389	-1.033578445
Negative elongation factor A	NELFA	0.000172898	0.00024657	0.00031919	4.8885E-05	0.000155556	0	0.136042055	-1.499565983
Importin subunit alpha-4	KPNA3	0.003901635	0.00051087	0.00089715	0.00395904	0.002483894	0.000799182	0.566953946	1.469182485
Peptidyl-prolyl cis-trans isomerase NIMA-interacting 4	PIN4	0.001194323	0.00093212	0.00255859	0.00097343	0.002662434	0.002280791	0.615096422	0.933341191
Casein kinase I isoform epsilon	CSNK1E	0.001335909	0.00090848	0.00193853	0.00151395	0.002424023	0.000788979	0.874466156	0.180494869
Serine/threonine-protein kinase MRCK alpha	CDC42BPA	0.000110844	9.6465E-05	0.00011004	0	0.00027144	0.000150523	0.184701562	0.87731993
Mitochondrial import inner membrane translocase subunit Tim8 B	TIMM8B	0.00229252	0.00394316	0.00657284	0	0	0	NaN	NaN
Condensin-2 complex subunit G2	NCAPG2	0.000479263	0.00038737	0.00078963	0.00039418	0.000678065	0.000446013	0.85892527	-0.103731804
Calmodulin	CALM2;CALM1;CALM3	0.043910536	0.05237831	0.07261211	0.01153147	0.019363523	0.01597527	0.046465059	-1.713129197
DNA replication licensing factor MCM2	MCM2	0.000154126	0.00019569	0.0008888	0.00010279	4.98265E-05	5.39792E-05	0.096242075	-1.858072417
Heterogeneous nuclear ribonucleoprotein D0	HNRNPD	0.031681223	0.02791793	0.07315645	0.03570499	0.086639611	0.052222763	0.484951229	0.72105076
Protein transport protein Sec24A	SEC24A	0.000653174	0	0	0	0	0	NaN	NaN
Biorientation of chromosomes in cell division protein 1-like 1	BOD1L1	0	0	0	0.000142	0	0	NaN	NaN
Activating signal cointegrator 1 complex subunit 1	ASCC1	0.004936401	0.00062363	0.00959357	0.00155427	0.00230388	0.003482426	0.762693545	-1.09939402
Double-stranded RNA-specific adenosine deaminase	ADAR	2.44178E-05	5.3572E-05	0.00027099	0.00015823	0.000451909	0.000333599	0.164371914	2.638571981
Engulfment and cell motility protein 2;Engulfment and cell motility protein 1	ELMO2;ELMO1	0.000159803	0.00010924	0	0.00022667	0.000359411	5.39266E-05	0.796075662	0.77869489
DCN1-like protein;DCN1-like protein 5	DCUN1D5	0.001544732	0.00107568	0.00198639	0.00030982	0.001570432	0.001663967	0.462795723	0.023804913
Gem-associated protein 2	GEMIN2	0.001807972	0.00173422	0.00384172	0.00321099	0.008952197	0.003632947	0.17454196	1.006767984
ATP synthase subunit beta;ATP synthase subunit beta, mitochondrial	ATP5B	0.002838316	0.00830305	0.00571577	0.00470311	0.00333695	0.003611138	0.449656589	-0.662495067
F-box only protein 21	FBXO21	0.000522943	0.00167947	0.00349301	0.00098685	0.000714309	0.000190205	0.239159893	-1.233387539
Serine hydroxymethyltransferase;Serine hydroxymethyltransferase, mitochondrial	SHMT2	0.00037011	0.0005909	0.00106695	0.00109079	0.001653876	0.001883867	0.095951641	1.484857843
	PSMA3	0.00169298	0.00433686	0.00242524	0.00062071	0.001844336	0.001442021	0.160837356	-0.750037727
60S ribosomal protein L28	RPL28	0.110922629	0.12797027	0.24399489	0.17614363	0.424076827	0.420036997	0.149740187	1.714707712
SAFB-like transcription modulator	SLTM	0.000279364	0.00078163	0.00163522	0.00177412	0.004156655	0.003248953	0.103731875	2.055418973
Signal recognition particle 14 kDa protein	SRP14	0.028209047	0.03150633	0.05322952	0.04995861	0.144426139	0.096512511	0.104171167	1.615074122
Ankyrin repeat domain-containing protein 17	ANKRD17	0.000340012	0.00019967	0.00042288	0.00028595	0.000559958	0.000259488	0.749789406	-0.249802578
Brachyury protein	T	0	0	0.00065413	0	0	0	NaN	NaN
40S ribosomal protein S27;40S ribosomal protein S27-like	RPS27L	0.002284067	0.00316665	0.00823993	0.00075716	0.010708402	0.005289066	0.910101361	0.740056014
Acidic leucine-rich nuclear phosphoprotein 32 family member A	ANP32A	0.018525921	0.01489584	0.03059823	0.01456647	0.013190689	0.013395775	0.307880293	-0.467767217
WD repeat-containing protein 61;WD repeat-containing protein 61, N-terminally processed	WDR61	0.020628149	0.0186936	0.02466253	0.01568779	0.025181822	0.027389738	0.91051159	0.2877683
Probable ATP-dependent RNA helicase DDX17	DDX17	0.008790729	0.012349	0.02657594	0.01694673	0.040965163	0.029101353	0.20534253	1.23669201
Ankyrin repeat and fibronectin type-III domain-containing protein 1	ANKFN1	0.000420821	0.00039722	0.00037652	0.00023499	0.0002448	0.000116429	0.127849578	-0.757299815
26S proteasome non-ATPase regulatory subunit 14	PSMD14	0.093864069	0.11447713	0.14392182	0.01308069	0.02105383	0.02180703	0.02153858	-2.442904774
Alpha-internexin	INA	4.90432E-05	0.00018716	0.00023496	0	0	0	NaN	NaN
Major vault protein	MVP	0.003967137	0.00582508	0	0.00861022	0.000195778	0.001980917	0.458186802	-1.279019733
Rab11 family-interacting protein 1	RAB11FIP1	0.011709775	0.00570334	0.01254909	0	0	0	NaN	NaN
E3 ubiquitin-protein ligase BRE1B	RNF40	0.00088092	0.00079657	0.0011054	0.00079845	0.002244679	0.001379768	0.317852925	0.647342793
Microtubule-actin cross-linking factor 1, isoforms 1/2/3/5	MACF1	0.00021342	0.00014341	0.00031408	3.1111E-06	1.95818E-05	1.2666E-05	0.022277666	-4.074662491
RNA-binding protein FUS	FUS	0.011835181	0.01868209	0.02236369	0.03807343	0.077085761	0.059304839	0.054956815	1.666494043
Hydroxyacylglutathione hydrolase, mitochondrial	HAGH	0.000505475	0.00045365	0.00081362	0.00070776	0.000861561	0.000532801	0.632243755	0.485614373
Adenine phosphoribosyltransferase	APRT	0.000366342	0	0.00024146	0.00023661	0.000265279	0.000166449	0.471800351	-0.330009843
Annexin A6;Annexin	ANXA6	0.042256746	0.02096724	0.0329747	0.00174552	0.003272123	0.001751572	0.012165049	-4.23463738

Telomere length regulation protein TEL2 homolog	TELO2	0.00036894	0.00038955	0.00090902	0.00015038	0.000283039	0.000114392	0.085254931	-1.373168545
Zinc finger protein 768	ZNF768	0.000313319	0.00030118	0.00060928	9.2527E-05	0.000376917	8.10632E-05	0.16047492	-1.759685939
Palmitoyl-protein thioesterase 1	PPT1	0.001051338	0.00197383	0.00332834	0	0	0	NaN	NaN
Pyruvate kinase;Pyruvate kinase PKM	PKM	0.000569925	0.00063428	0.00117262	6.9452E-05	0.000707143	0.000535761	0.285905212	-0.243534835
Ataxin-2-like protein	ATXN2L	8.64517E-05	0.00016679	0.00063433	0.00080345	0.002710384	0.001323649	0.08267743	2.988459155
Putative ATP-dependent RNA helicase DHX30	DHX30	0.001461091	0.00166586	0.00310741	0.00258141	0.004733663	0.003599649	0.182225532	1.111585612
Tropomyosin alpha-1 chain	TPM1	0.004092095	0.00755407	0.01291442	0	0.000416416	0.000109432	0.020981635	-5.145151588
Elongator complex protein 2	ELP2	0	5.6446E-05	0.00014994	0	0	0	NaN	NaN
Bifunctional purine biosynthesis protein PURH;Phosphoribosylaminoimidazolecarboxamide formyltransferase;IMP cyclohydrolase	ATIC	0.000659501	0.00054693	0.00119061	0	0.000588554	0	0.358311478	-0.164200058
UPF0769 protein C21orf59	C21orf59	0.001092767	0.00109965	0.00208339	0.00042018	0.001889742	0.001701295	0.724848129	0.629582351
Akirin-2	AKIRIN2	0.000788378	0.00216351	0.00212302	0	0	0	NaN	NaN
Nucleolar protein 7	NOL7	0	0.00122412	0.00078094	0.00334107	0.004356223	0.005404732	0.044242386	2.155565608
Probable rRNA-processing protein EBP2	EBNA1BP2	0.002267215	0.00244572	0.00516906	0.01542654	0.03449994	0.028499659	0.018184892	3.542611147
COP9 signalosome complex subunit 3	COPS3	0.000791849	0.00077641	0.00131574	0.00066105	0.001131421	0.00070776	0.71257244	-0.161965117
Peroxiredoxin-4	PRDX4	0.000137056	0.00032837	0.00111782	8.6676E-05	0.000529982	0.000505287	0.7852665	0.621789522
Drebrin-like protein	DBNL	0.000389794	0.00108123	0.00123856	0	0	0	NaN	NaN
DNA-directed RNA polymerase II subunit GRINL1A	GCOM1;POLR2M	4.98175E-05	9.2768E-05	9.2127E-05	0.00011412	6.6751E-05	7.58037E-05	0.791923794	-0.281357332
Annexin	ANXA6	0.000951853	0.0002497	0.00052466	0	0	0	NaN	NaN
Hepatocyte growth factor-regulated tyrosine kinase substrate	HGS	0	0	0	0	0	0	NaN	NaN
Clustered mitochondria protein homolog	CLUH	7.84571E-05	7.7457E-05	0.0004224	0	0.000117387	6.58047E-05	0.598312732	0.163791675
Gem-associated protein 4	GEMIN4	0.000485377	0.00050337	0.00100521	0.00087876	0.002299728	0.001430961	0.117891141	1.507290345
Eukaryotic translation initiation factor 5A;Eukaryotic translation initiation factor 5A-1	EIF5A	0.059965289	0.05269549	0.13649648	0.02072031	0.045990544	0.029113037	0.105839342	-1.04246229
40S ribosomal protein S15a	RPS15A	0.099860038	0.13609337	0.24242397	0.16848895	0.404856619	0.23910038	0.226081462	0.813019595
Vacuolar protein sorting-associated protein 4A	VPS4A	0.000926044	0.00024123	0.00038056	0	0	0.000205783	0.151903476	-0.886981171
Protein kinase C alpha type	PRKCA	7.45829E-05	0.00013425	0.00034578	0	0	0	NaN	NaN
Protein AHNAK2	AHNAK2	2.12916E-05	5.9435E-06	3.9433E-05	0	0	0	NaN	NaN
Protein transport protein Sec16A	SEC16A	0.000360234	0.00036313	0.00050638	0.00013796	0.000239027	0.000172355	0.110818321	-1.075110917
Cytosolic carboxypeptidase 1;Cytosolic carboxypeptidase 4	AGTPBP1;AGBL1	3.55425E-05	0	0.00013117	4.0291E-05	0.000209587	6.93506E-05	0.817873586	0.022441839
Homeodomain-interacting protein kinase 1	HIPK1	0.002662188	0.00109275	0.00275916	0.00063936	0.000133521	0.000584558	0.078417191	-2.187194374
Fructose-bisphosphate aldolase;Fructose-bisphosphate aldolase A	ALDOA	0.024474863	0.01799121	0.04180016	0.02011073	0.028701732	0.02898452	0.933995272	0.229837014
Obg-like ATPase 1	OLA1	0.004909921	0.00261258	0.00872938	0.0118712	0.023380346	0.014413202	0.072754132	1.553619159
DnaJ homolog subfamily B member 3;DnaJ homolog subfamily B member 6	DNAJB6;DNAJB3	0.000977494	0.00202931	0.00278208	0	0	0	NaN	NaN
Isoleucine--tRNA ligase, cytoplasmic	IARS	0.003500616	0.00406103	0.00780838	0.0049277	0.013310028	0.008053159	0.244441101	0.987709844
Serine/threonine-protein kinase SMG1	SMG1	2.12462E-05	2.1671E-05	0.00015885	3.802E-05	0.000228419	7.01412E-05	0.449671988	1.694516357
U3 small nucleolar RNA-associated protein 18 homolog	UTP18	0	0.00023812	0.0005186	0.00114003	0.002358527	0	0.076770859	2.222247015
Probable ATP-dependent RNA helicase DHX40	DHX40	0.000603852	0.00075294	0.00115326	0.00100354	0.000690401	0.001038984	0.783497854	0.414494664
Probable ATP-dependent RNA helicase DDX5	DDX5	0.003009349	0.0053692	0.00793515	0.00889641	0.01884518	0.014429948	0.085983847	1.426286244
Ribosomal protein L19;60S ribosomal protein L19	RPL19	0.157417982	0.15968806	0.31771851	0.28197603	0.658938402	0.521059293	0.108011151	1.706191142
NAD kinase	NADK	0	0	0	0	0	0	NaN	NaN
Serine/arginine-rich splicing factor 1	SRSF1	0.000174555	7.791E-05	0.00010664	4.6329E-05	0.000287633	0.000214624	0.738732332	1.009062727
Small nuclear ribonucleoprotein Sm D1	SNRPD1	0.000666275	0.00230148	0.00236204	0.00253981	0	0	0.287663996	0.142158337
Polycomb protein SUZ12	SUZ12	7.76453E-05	0.00011987	0.00021029	4.5303E-05	0	0	0.050838901	-1.403755335
Protein 4.1	EPB41	0.000173178	9.8772E-05	0.00041119	0	0	0	NaN	NaN
BUB3-interacting and GLEBS motif-containing protein ZNF207	ZNF207	0.001480741	0.00236512	0.00146269	0.00182487	0.002740654	0.00117048	0.907636954	0.301472004
Mitotic checkpoint protein BUB3	BUB3	0.011111298	0.01056945	0.01088775	0.00686513	0.006429997	0.007098822	0.249757256	-0.665347376
Cullin-4B	CUL4B	5.22735E-05	0	0	0	6.92892E-05	0	NaN	0.40655074
Trifunctional enzyme subunit alpha, mitochondrial;Long-chain enoyl-CoA hydratase;Long chain 3-hydroxyacyl-CoA dehydrogenase	HADHA	0.000190264	4.1104E-05	0.00010526	0	0	0	NaN	NaN
Ras-related protein Rab-5C	RAB5C	0.004352704	0.00504145	0.00580774	0.00211815	0.001608872	0.001329023	0.06339668	-1.647790042
Asparagine--tRNA ligase, cytoplasmic	NARS	0.000493691	0.00048785	0.00170299	0.00151771	0.003192296	0.001922461	0.121230728	1.961274081
E3 ubiquitin-protein ligase RNF126	RNF126	0.001789049	0.00131205	0.00242999	0	0.000921164	0.000792639	0.155071918	-1.066060005
Coiled-coil and C2 domain-containing protein 1A	CC2D1A	0.00018386	0.00015883	0.00025568	0.00022468	0.000347625	0.000346685	0.278360702	0.915017771
Eukaryotic translation initiation factor 3 subunit G	EIF3G	0.016376666	0.0182215	0.0320769	0.02884589	0.065467915	0.054047318	0.116413877	1.568581222
40S ribosomal protein S15	RPS15	0.039509573	0.02443526	0.06132889	0.05449014	0.128695035	0.019423425	0.682600898	0.463792837
Ubiquitin-protein ligase E3C	UBE3C	0.006977382	0.00570187	0.00625555	0.00040297	0.00059142	0.000207419	0.010889832	-3.956402671
Glucosidase 2 subunit beta	PRKCSH	0.00035809	9.6977E-05	0.00042558	9.5325E-05	0.000358259	0.000197761	0.695967335	-0.856564287
cAMP-dependent protein kinase type I-alpha regulatory subunit;cAMP-dependent protein kinase type I-alpha regulatory subunit, N-terminally processed	PRKAR1A	0.000429885	0	0.00023183	0	0.000214972	0	0.276145334	-0.554357148
Eukaryotic translation initiation factor 1	EIF1	0.006118576	0.00627185	0.00874774	0.00587486	0.017055759	0.008141369	0.436358067	0.376379893
Proteasome assembly chaperone 2	PSMG2	0.10279364	0.07466555	0.09000183	0.08355104	0.070296406	0.069157823	0.647443663	-0.356503356
Eukaryotic translation initiation factor 3 subunit K	EIF3K	0.005474359	0.00908667	0.01489086	0.00600484	0.01952291	0.018489534	0.500063507	1.024884639
60S ribosomal protein L22	RPL22	0.177986788	0.2572595	0.4879715	0.29400634	0.880660586	0.683419336	0.206662832	1.409546713
Programmed cell death protein 5	PDCD5	0.001337196	0.00212614	0.00288693	0	0.000774568	0.00080849	0.106901494	-1.42585242
Thioredoxin-like protein 4A	TXNL4A	0	0	0	0.00101325	0	0	NaN	NaN
rRNA 2-O-methyltransferase fibrillarin	FBL	0.000396758	0.00113064	0.00328624	0.00126313	0.005370943	0.004369195	0.256698388	1.950227853
Heterogeneous nuclear ribonucleoprotein L	HNRNPL	0.010418766	0.01037632	0.01642707	0.01568672	0.021935147	0.017877519	0.291027583	0.778962122
Zinc finger protein 428	ZNF428	0.003202553	0.00137653	0.00225619	0.00099221	0.001566146	0.001469049	0.236200441	-0.61900477
PIH1 domain-containing protein 1	PIH1D1	0.000181542	0.00057985	0.0012202	6.3189E-05	0.000592786	0.000448622	0.492158685	-0.370176883
40S ribosomal protein S11	RPS11	0.250319113	0.23369622	0.5035163	0.40421437	0.907046517	0.620270665	0.146489923	1.309129444
Small glutamine-rich tetratricopeptide repeat-containing protein alpha	SGTA	0.002138674	0.00075141	0.00164673	0	0	0	NaN	NaN
40S ribosomal protein S5;40S ribosomal protein S5, N-terminally processed	RPS5	0.235886239	0.24115985	0.4195269	0.38281998	0.831451494	0.465972155	0.172609265	0.950254039
Nebulin-related-anchoring protein	NRAP	9.73687E-06	3.2356E-05	5.081E-05	0	0	0	NaN	NaN
General transcription factor IIF subunit 1	GTF2F1	0.000107911	0.0001686	0.00035571	0	0.000254765	0	0.413966399	0.595596783
60S ribosomal protein L18a	RPL18A	0.088366364	0.08048152	0.13964746	0.13755846	0.246916061	0.202862428	0.159206024	1.198932461
Epidermal growth factor receptor substrate 15-like 1	EPS15L1	0.000534699	0.00042377	0.00115773	0.00036984	0.000492332	0	0.365120894	-0.325452786
40S ribosomal protein S16	RPS16;ZNF90	0.188870227	0.10852088	0.20055713	0.27332151	0.538889112	0.417486126	0.094259186	1.144332957
DNA polymerase;DNA polymerase delta catalytic subunit	POLD1	3.85069E-05	0.00380048	0	0.00942633	0.003371104	0	0.306754978	3.881236988
Splicing factor U2AF 35 kDa subunit;Splicing factor U2AF 26 kDa subunit	U2AF1L4;U2AF1	0	0.0113692	0.02254909	0.06600656	0.069747258	0.103721157	0.038704266	2.123036301
Inverted formin-2	INF2	5.25053E-05	0.00010789	0.00022357	0	0	0	NaN	NaN
SURP and G-patch domain-containing protein 2	SUGP2	0	0	7.2537E-05	0	0	0	NaN	NaN
Fibronectin type III and SPRY domain-containing protein 1	FSD1	0.00105117	0.00079728	0.00268646	0.00164608	0.002894818	0.001408198	0.437501264	0.647037569
Kinesin-like protein KIF2A	KIF2A	0.003691748	0.00429436	0.00553493	0.00501607	0.008179773	0.00718781	0.299957558	0.743109807
Cell division control protein 42 homolog	CDC42	0.000976318	0.00115681	0.00040438	0	0	0	NaN	NaN
GTP-binding protein 1	GTPBP1	0.000497581	0.00075633	0.0007768	0.00131516	0.002827179	0.00243248	0.059301593	1.685344008
AP-3 complex subunit beta-1	AP3B1	2.43702E-05	0	0	0	0	0	NaN	NaN
Procollagen-lysine,2-oxoglutarate 5-dioxygenase 2	PLOD2	0.000318503	0.00025117	0.00051014	0	5.13186E-05	0	0.011735921	-2.633753243
Spectrin alpha chain, non-erythrocytic 1	SPTAN1	0.008091479	0.00515639	0.01049868	0.00018322	0.000332878	0.000471483	0.009007455	-4.603337999
Transcription elongation factor SPT5	SUPT5H	0.001788657	0.0015549	0.00289022	0.00104384	0.001648786	0.000650901	0.156139367	-0.7769734
Huntingtin-interacting protein 1	HIP1	0.000889206	0.0004699	0.00121929	0	4.55673E-05	0.000298705	0.104785204	-2.930121593
Eukaryotic translation initiation factor 3 subunit F	EIF3F	0.012942	0.01372344	0.02588912	0.03689942	0.067829255	0.031019375	0.087283398	1.426956384
Importin-5	IPO5	0.000691804	0.00044233	0.00091844	0.00119991	0.001875276	0.001105949	0.132926425	0.794495748
Insulin-like growth factor 2 mRNA-binding protein 3	IGF2BP3	0.003605139	0.00434021	0.01172984	0.01143794	0.030133537	0.020810048	0.092407375	2.261444536
RNA 3-terminal phosphate cyclase	RTCA	0.000154585	0	9.5616E-05	0	8.85308E-05	0	0.339523737	-0.457610784
Zinc finger protein 593	ZNF593	0.001163476	0.00308364	0.00331026	0	0.012116768	0.00676643	0.080967186	1.554030063
Nucleolar protein 56	NOP56	0.000185382	0.00034168	0.0012297	0.00089622	0.00307751	0.002147795	0.126779718	2.652125924
ATP-dependent RNA helicase DDX3X;ATP-dependent RNA helicase DDX3Y	DDX3X;DDX3Y	0.003244821	0.00365372	0.00670509	0.00274375	0.008748476	0.004689904	0.79538315	0.360191919
Insulin receptor substrate 4	IRS4	0.001014388	0.00140354	0.00242771	0.00045288	0.000747057	0.000640463	0.090819148	-1.131880992
Protein arginine N-methyltransferase 5;Protein arginine N-methyltransferase 5, N-terminally processed	PRMT5	0.002071157	0.00180645	0.00254361	0.00221792	0.00413268	0.002750073	0.394952112	0.409032997
Transcription elongation regulator 1	TCERG1	0.002276341	0.00091906	0.00159403	0.00198613	0.00286361	0.001609249	0.378162097	0.317284716
Proteasome subunit alpha type-7	PSMA7	0.885455156	1.40824872	1.28632752	1.04139117	1.241853176	1.517749002	0.86164137	-0.050763407
Proteasome subunit alpha type-7	PSMA7	0.021928675	0.00480477	0.03979633	0.01141966	0.020404227	0.031776847	0.806219819	-0.103950586
Myeloid leukemia factor 2	MLF2	0.000228894	0.00053654	0.00073085	0	0	0	NaN	NaN
Protein phosphatase 1 regulatory subunit 12A	PPP1R12A	0.000861998	0.00094636	0.00063716	0	0.000175259	5.62633E-05	0.029860503	-3.117807217
Spectrin beta chain, non-erythrocytic 2	SPTBN2	0.000991938	0.00031566	0.00128459	0	4.66053E-05	0	0.015871128	-4.411684015
Thyroid receptor-interacting protein 6	TRIP6	0.000486362	0.00023736	0	0	0	0	NaN	NaN
Tripartite motif-containing protein 26	TRIM26	0.000415245	0.00015969	0.00012352	0	0	0	NaN	NaN

DNA-directed RNA polymerases I and III subunit RPAC1	POLR1C	0.000542588	0.00061158	0.00102037	0.00080312	0.001812325	0.001390128	0.178243194	1.184609314
NF-kappa-B-repressing factor	NKRF	0.001187997	0.00125667	0.00341027	0.00564995	0.016158369	0.009199299	0.046166068	2.871914636
UDP-N-acetylglucosamine--peptide N-acetylglucosaminyltransferase 110 kDa subunit	OGT	0.001041261	0.00087184	0.00094228	0.00043903	0.000443618	0.00045166	0.123963437	-1.086834856
E3 ubiquitin-protein ligase Midline-1	MID1	0.000576923	0.0006987	0.00061091	0.00072302	0.00166218	0.000789894	0.26230702	0.370711015
Protein phosphatase 1G	PPM1G	0.002198074	0.00126128	0.00440022	0.00041967	0.000632807	0.000712219	0.051050862	-1.796402493
Eukaryotic translation initiation factor 3 subunit D	EIF3D	0.011441048	0.01165393	0.02331354	0.01812611	0.048795221	0.038533736	0.132156388	1.725305394
Nuclear valosin-containing protein-like	NVL	0.000186032	0.00012965	0.00040807	0	0.000117396	0	0.169112704	-0.664167553
Nucleoporin Nup37	NUP37	0.000609842	0.00048562	0.00109005	0	7.24676E-05	0	0.009022405	-3.073027492
Thymocyte selection-associated high mobility group box protein TOX;TOX high mobility group box family member 3;TOX high mobility group box family member 4	TOX;TOX3;TOX4	0.000126705	0.00031402	0.00019689	0.00046406	0.000263498	0.000614779	0.133882812	1.236900417
DNA-directed RNA polymerase I subunit RPA34	CD3EAP	0.000211147	0.00037216	0.00067285	7.2196E-05	0.000721273	0.000183349	0.488682376	-1.021311222
Pre-mRNA-splicing factor ATP-dependent RNA helicase DHX15	DHX15	0.007679991	0.00675882	0.0088261	0.0024782	0.004221883	0.002956479	0.09468816	-1.377224591
mRNA cap guanine-N7 methyltransferase	RNMT	0.000776789	0.00050551	0.0005784	0.00161028	0.001133483	0.000833083	0.162712134	0.970623296
U4/U6 small nuclear ribonucleoprotein Prp4	PRPF4	0.000504552	0.00045853	0.00082505	0.00133	0.000776992	0.000560354	0.334670581	0.622896781
D-3-phosphoglycerate dehydrogenase	PHGDH	0.004085377	0.00282288	0.00760553	0.00067168	0.002645022	0.001766624	0.119949259	-1.209474201
Phospholipase A-2-activating protein	PLAA	0.00022933	0.0003223	0.00054021	3.2379E-05	0	0	0.0088368	-3.315278247
26S proteasome non-ATPase regulatory subunit 3	PSMD3	0.001235416	0.00547388	0.00654197	0.00040302	0.000653648	0.000920592	0.071556799	-3.065978763
Eukaryotic translation elongation factor 1 epsilon-1	EEF1E1;EEF1E1-BLOC1S5	0.002060743	0.00520423	0.00712366	0.00514412	0.010225151	0.010481939	0.217603863	0.974365797
Heterogeneous nuclear ribonucleoprotein R	HNRNPR	0.005258594	0.00738962	0.01833044	0.01463742	0.040201712	0.024276117	0.131107104	1.715966377
U4/U6 small nuclear ribonucleoprotein Prp3	PRPF3	0.000913783	0.00131058	0.00264243	0.00212159	0.003095458	0.00224574	0.222567307	0.776982186
Ras-related protein Rab-7a	RAB7A	0.002444631	0.00170972	0.00196018	0.00057324	0.000465343	0.000396553	0.036386928	-2.074618994
Eukaryotic translation initiation factor 4 gamma 3	EIF4G3	7.00314E-05	8.5545E-05	0.00034066	0.00032798	0.001004326	0.000837698	0.088353433	3.291676477
Pleiotropic regulator 1	PLRG1	0.000435869	8.5906E-05	0.00045072	0.000124	0.000622078	0.000458514	0.763460485	0.073071185
Ubiquitin-protein ligase E3A	UBE3A	0.00687381	0.00703988	0.00897991	0.00060267	0.001189952	0.000973479	0.016453467	-2.85432969
Probable 18S rRNA (guanine-N(7))-methyltransferase	WBSCR22	0.000460385	0.00039446	0.00159266	0.00059662	0.003050455	0.000504157	0.63337435	0.373981184
HIV Tat-specific factor 1	HTATSF1	0.000976206	0.0008295	0.00165157	0.00053818	0.000854717	0.000513932	0.1861088	-0.859091479
COP9 signalosome complex subunit 7b	COPS7B	0.000423206	0	0.00020961	0	0	0	NaN	NaN
Myosin light polypeptide 6	MYL6	0.011743366	0.01348477	0.01820349	0.0018339	0.002907408	0.002208548	0.021769267	-2.610160715
U3 small nucleolar RNA-interacting protein 2	RRP9	8.0926E-05	0	0.00035052	0.00143611	0.002802266	0.00160775	0.04076351	3.254893438
Putative adenosylhomocysteinase 2;Adenosylhomocysteinase;Putative adenosylhomocysteinase 3	AHCYL1;AHCYL2	0.000815642	0.00073053	0.00108604	5.0204E-05	0.00026256	0	0.064358242	-2.828679695
Annexin A4;Annexin	ANXA4	0.003620871	0.0070359	0.00680099	0	0	0	NaN	NaN
Double-strand-break repair protein rad21 homolog	RAD21	0.000111908	0.00012757	0.0003871	0.00012595	0	0.000235615	0.965471518	0.433312358
Copine-3	CPNE3	0.008155862	0.00480917	0.00973879	0	0.000437497	0.000327057	0.01223063	-4.430357851
SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 5	SMARCA5	0.000288305	0.00015709	0.00067988	7.9573E-05	0.000193783	0.000103957	0.146083469	-1.471608951
Intron-binding protein aquarius	AQR	3.4556E-05	5.9433E-05	9.3963E-05	5.5305E-05	0.000217302	0.00019854	0.200020872	1.740103296
Heterogeneous nuclear ribonucleoprotein Q	SYNCRIP	0.009884112	0.00806804	0.01836241	0.02216847	0.023928155	0.017672281	0.168266457	1.165325744
Nuclear export mediator factor NEMF	NEMF	0.001449222	0.00145703	0.00288803	0.00202408	0.004825143	0.004000779	0.170508243	1.457251345
Alpha-adducin	ADD1	0.001724387	0.00135423	0.00322724	0	0	0	NaN	NaN
Importin subunit alpha-7	KPNA6	0.000461438	0.00109662	0.00080964	0	0.000435113	0	0.1313223	-0.895899356
Eukaryotic translation initiation factor 1b	EIF1B	0.006891725	0	0.00406731	0	0.002988173	0	0.154834199	-0.825206724
Sorting nexin-2	SNX2	0.000364746	0.00058196	0.00063206	2.9334E-05	8.9889E-05	0	0.026805687	-3.502498811
H/ACA ribonucleoprotein complex subunit 4	DKC1	0.000759881	0.00121334	0.00287926	0.00184013	0.004972342	0.002676468	0.212009569	1.141351283
Endothelial differentiation-related factor 1	EDF1	0.007349681	0.01467288	0.02676317	0.01167769	0.028586545	0.023399864	0.515605369	0.67334827
DNA/RNA-binding protein KIN17	KIN	0	0.00030217	0	0.00047762	0.001420688	0.00058561	0.090771559	0.954594079
DnaJ homolog subfamily A member 2	DNAJA2	0.006136491	0.00407977	0.00843684	0.0023694	0.002669399	0.001634174	0.076700093	-1.372890322
mRNA-capping enzyme;Polynucleotide 5-triphosphatase;mRNA guanylyltransferase	RNGTT	0.000398623	0.0002985	0.00042812	9.0519E-05	0.000271454	0.000556596	0.460851676	-0.554317211
WD repeat-containing protein 1	WDR1	0.008925092	0.00618476	0.00801443	0.00022579	0.001041052	0.004956285	0.122122256	-2.944557965
Creatine kinase U-type, mitochondrial	CKMT1A;CKMT1B	0.000271851	0.00023555	0.00041581	0	5.26018E-05	0	0.013389728	-2.369632062
Origin recognition complex subunit 4	ORC4	4.71084E-05	0.0001265	0.00016533	0	0	0	NaN	NaN
Protein NipSnap homolog 2	GBAS	0.001023346	0.00058618	0.0015775	0	0.000814254	0.000375075	0.281901429	-0.888893103
Putative PIP5K1A and PSMD4-like protein	PIPSL	5.13498E-05	0	0.00011254	0	0	0	NaN	NaN
Filamin-B	FLNB	0.003191916	0.00221375	0.00265805	0.00018651	0.000310216	0.000353753	0.015024045	-3.099023783
Tropomyosin3	TPM3	0.07874818	0.14531561	0.16331172	0.00373467	0.004719599	0.001944212	0.007645939	-5.282066632
Barrier-to-autointegration factor;Barrier-to-autointegration factor, N-terminally processed	BANF1	0.001936009	0.00134942	0.0094036	0.0004879	0.009915217	0	0.855172113	0.184065208
Splicing factor 3B subunit 1	SF3B1	0.00064864	0.00081312	0.00087128	0.00119701	0.001626284	0.001370071	0.182424578	0.75271757
Cold shock domain-containing protein E1	CSDE1	0.002143265	0.00144792	0.00518906	0.00068367	0.001569896	0.000591101	0.120194389	-1.648427664
Interferon-inducible double-stranded RNA-dependent protein kinase activator A	PRKRA	0.00152329	0.00178384	0.00262599	0.00241069	0.009303653	0.004803817	0.128498052	1.429196591
E3 ubiquitin-protein ligase MYCBP2	MYCBP2	0	0	4.9483E-06	3.2129E-05	9.93919E-06	0	0.123526694	1.852534834
Nucleoplasmin-3	NPM3	0.000378345	0.00573338	0.00415737	0	0.003770241	0.009896407	0.399811177	0.555111026
U5 small nuclear ribonucleoprotein 200 kDa helicase	SNRNP200	0.000974303	0.00132503	0.00226249	0.00122023	0.001532259	0.001527485	0.983001772	0.205134277
Surfeit locus protein 6	SURF6	0.000216101	0.00042963	0.00097086	0.00271472	0.005228968	0.004023561	0.031058644	3.227289473
26S protease regulatory subunit 10B	PSMC6	0.500979734	0.34585994	0.39378939	0.0903779	0.090625628	0.066079252	0.029827304	-2.123382353
Calcium-binding and coiled-coil domain-containing protein 2	CALCOCO2	6.03236E-05	0.00014499	0.00021101	0	0	0	NaN	NaN
Eukaryotic translation initiation factor 3 subunit J	EIF3J	0.016773038	0.02042814	0.02972052	0.05023491	0.082127215	0.070731185	0.062971629	1.791788722
Pre-mRNA-splicing factor SPF27	BCAS2	0.000277875	0.00028705	0.00027372	0.00154599	0.00023091	0.000754941	0.214128362	1.441927856
Dynactin subunit 3	DCTN3	0.002628373	0.00246258	0.00264225	0.00126689	0.001700486	0.002019667	0.257841014	-0.628222899
DnaJ homolog subfamily C member 8	DNAJC8	0.000948662	0.00248843	0.00065142	0.00332237	0.003831451	0.001457657	0.186722391	1.808245383
Survival of motor neuron-related-splicing factor 30	SMNDC1	0.000294334	0.00022148	0.00026868	0	0.00026556	0.000215072	0.849031557	-0.168970888
Neurabin-2	PPP1R9B	5.9719E-05	0.00013674	0.00021156	0	0	0	NaN	NaN
Glutaredoxin-3	GLRX3	0.001053969	0.0013422	0.00157777	0.00069772	0.001229812	0.000997722	0.401925232	-0.427885571
Ribosomal L1 domain-containing protein 1	RSL1D1	0.00384565	0.00430681	0.01313819	0.00888061	0.021214556	0.017332684	0.1534503	2.008801817
Nebulette	NEBL	9.15071E-05	0	0	0	0	0	NaN	NaN
Probable cytosolic iron-sulfur protein assembly protein CIAO1	CIAO1	0.000182964	0.00024111	0.00068884	0.00026687	0.000582794	0.000359498	0.691893169	0.576304224
Signal recognition particle subunit SRP72	SRP72	0.000573116	0.00075287	0.00187433	0.00134054	0.00275137	0.00198559	0.170126391	1.399089328
Unconventional prefoldin RPB5 interactor 1	URI1	0	0.00028195	0.00048886	0.00022909	0.000834425	0.000574238	0.669414059	0.629215201
E3 ubiquitin-protein ligase listerin	LTN1	0.000137667	0.00013999	0.00031859	0.00022218	0.00036217	0.000375348	0.210664481	1.371374191
Pre-mRNA-processing factor 6	PRPF6	0.000105436	0.00014251	0.00042067	0.00040267	0.000707612	0.000469789	0.1182107	1.720949776
Transmembrane emp24 domain-containing protein 9	TMED9	0.000163789	9.7101E-05	0.00033112	0	0	0	NaN	NaN
Zyxin	ZYX	0.002238271	0.00121972	0.00089865	0	0	0	NaN	NaN
Centrosomal protein of 152 kDa	CEP152	0	0	0	0	0	0	NaN	NaN
Utrophin	UTRN	2.13431E-05	5.9335E-06	2.4236E-05	0	0	0	NaN	NaN
Zinc finger Ran-binding domain-containing protein 2	ZRANB2	0.001214758	0.00142259	0.00142652	0.00011186	0.000812258	0	0.141060335	-2.238606086
Kinesin-like protein KIF20A	KIF20A	0	0	8.119E-05	0	0	0	NaN	NaN
Chromosome-associated kinesin KIF4A	KIF4A	0.000203874	9.5029E-05	0.0002732	0.00022962	0.000299835	0.000300243	0.259410954	0.556491
SNARE-associated protein Snapin	SNAPIN	0.001102452	0.00125353	0.00206969	0.00054603	0.001480425	0.000889144	0.254454518	-0.495510984
Structural maintenance of chromosomes protein 2	SMC2	0.001944015	0.00167602	0.00411261	0.00135817	0.003402312	0.002593905	0.932211562	0.416086292
Cysteine and glycine-rich protein 1	CSRP1	0.000817994	0.00045161	0	0	0	0	NaN	NaN
Urotensin-2	UTS2	0.024760385	0.05145923	0.06828934	0.03697576	0.047891135	0.040917145	0.875127994	-0.330724301
CD2 antigen cytoplasmic tail-binding protein 2	CD2BP2	0.002774549	0.00410112	0.00481523	0.00256937	0.00341008	0.002967384	0.517128946	-0.466826324
Proteasome assembly chaperone 1	PSMG1	0.057496361	0.06856904	0.05892867	0.0169392	0.021801208	0.027200857	0.070503162	-1.434561604
E3 ubiquitin-protein ligase HERC2	HERC2	7.68055E-05	3.6419E-05	0.00012402	6.635E-05	0.000127022	0.000102637	0.495027429	0.418269377
U6 snRNA-associated Sm-like protein LSm8	LSM8	0.004548203	0.00499246	0.00696931	0.00687868	0.010381725	0.010069321	0.22862864	1.012142761
AP-2 complex subunit alpha-1	AP2A1	0.003164763	0.00141715	0.00335811	0.00205064	0.003307617	0.002532178	0.909160522	-0.321718642
Double-stranded RNA-binding protein Staufen homolog 1	STAU1	0.003884	0.00379336	0.0080337	0.00700801	0.013306546	0.009811703	0.146483022	1.336960363
BAG family molecular chaperone regulator 2	BAG2	0.002621543	0.00162661	0.00208814	0.00074191	0.001334432	0.00089039	0.120591161	-1.229706383
DNA topoisomerase 3-beta-1;DNA topoisomerase	TOP3B	0	2.5697E-05	6.4313E-05	0.00012737	0.000166513	0	0.089748973	1.840900698
L-lactate dehydrogenase A chain	LDHA	0.008893181	0.00528713	0.0084405	0.00155104	0.002208784	0.001603291	0.038317402	-2.396291651
Glutamate dehydrogenase 1, mitochondrial;Glutamate dehydrogenase 2, mitochondrial	GLUD1;GLUD2	0.00386155	0.00395645	0.01221938	0.00054188	0.000925731	0.000385104	0.024988654	-2.868162314
Prelamin-A/C;Lamin-A/C	LMNA	0	0.00010173	0.00024164	0	0.000111552	4.65583E-05	0.27045315	-1.121357559
Keratin, type II cytoskeletal 6B	KRT6B	0.00014294	0.00133644	4.9301E-05	6.9901E-05	0.000194734	0.000567423	0.957597439	0.446095103
Glyceraldehyde-3-phosphate dehydrogenase	GAPDH	0.002926828	0.00268827	0.00485478	0.00075398	0.001436627	0.001250745	0.063351343	-1.226550281
Cellular tumor antigen p53	TP53	9.96417E-05	7.4881E-05	0	4.3693E-05	0	0.000250453	0.847403204	0.276258481
Guanine nucleotide-binding protein G(i) subunit alpha-2	GNAI2	0.000225311	0.00019442	0.00058818	0	0.000194399	0.00016931	0.32886518	-0.312573758
Sodium/potassium-transporting ATPase subunit alpha-1	ATP1A1	0.000315659	0.00021341	0.00058871	2.3528E-05	0.000230053	7.72856E-05	0.132263177	-2.030095347
Protein S100-A8;Protein S100-A8, N-terminally processed	S100A8	0.000307334	0	0	0	0	0	NaN	NaN
Eukaryotic translation initiation factor 2 subunit 1	EIF2S1	0.016206472	0.01646603	0.02891223	0.01630167	0.038637307	0.030332003	0.427587536	0.881347836
60S acidic ribosomal protein P2	RPLP2	0.146808868	0.21963781	0.30476756	0.36742461	0.745489613	0.615110505	0.08661412	1.485719183
60S acidic ribosomal protein P0;60S acidic ribosomal protein P0-like	RPLP0;RPLP0P6	0.083434106	0.08379462	0.15507352	0.11565876	0.263189617	0.178779087	0.207893063	1.093248477

Lupus La protein	SSB	0.005207368	0.00453114	0.00851375	0.00843982	0.021919074	0.012158505	0.113405087	1.223339578
Eukaryotic translation initiation factor 4E	EIF4E	0.000194178	0.00023027	0.00060263	0.00033373	0.001620793	0.000681005	0.214180139	1.564320129
Alpha-enolase	ENO1	0.019057776	0.01015231	0.0246333	0.00787851	0.014682364	0.007186837	0.184401903	-1.274384322
Nucleophosmin	NPM1	0.316224387	0.36297498	0.7345237	0.7306671	1.705174053	1.355758933	0.085654581	1.901158657
Ubiquitin domain-containing protein UBFD1	UBFD1	0.001798511	0.00185083	0.00270253	0	0.000179639	0.000113547	0.01385506	-3.69590695
Histone H2B type 2-E;Histone H2B type 1-B;Histone H2B type 1-O;Histone H2B type 1-J;Histone H2B type 3-B	HIST2H2BE;HIST1H2BB;HIST1	0.006168962	0.01056108	0.01233903	0.01088642	0.014348857	0.018002337	0.288296515	0.442178444
L-lactate dehydrogenase B chain;L-lactate dehydrogenase	LDHB	0.003982981	0.00450748	0.00658709	0.00135677	0.003981597	0.002880343	0.153142877	-0.646082068
Neurofilament light polypeptide	NEFL	0.01650711	0.02975714	0.05493652	0.00502811	0.003845247	0.004517379	0.021006714	-2.719678204
Annexin A2;Annexin;Putative annexin A2-like protein	ANXA2;ANXA2P2	0.009388646	0.00860191	0.01565166	0.00056178	0.002597072	0.001488911	0.033577897	-2.656659593
Tubulin beta chain	TUBB	0.014467025	0.01732754	0.02261576	0.02974251	0.025319779	0.023931458	0.318818497	0.54719788
Bifunctional glutamate/proline--tRNA ligase;Glutamate--tRNA ligase;Proline--tRNA ligase	EPRS	0.004076587	0.00528242	0.00710722	0.00909649	0.014646201	0.009800993	0.136354118	0.891727819
Heat shock protein HSP 90-alpha	HSP90AA1	0.01720748	0.01303988	0.02650927	0.02137075	0.032910087	0.02346607	0.373891848	0.447540412
Heat shock 70 kDa protein 1A	HSPA1A	0.145974695	0.14105517	0.18290255	0.13017255	0.201939433	0.174205043	0.865812499	0.255068092
Ubiquitin-like protein 4A	UBL4A	0.002585097	0.00438794	0.00463147	0	0	0.000446617	0.010195298	-3.296434056
ATP-dependent 6-phosphofructokinase, muscle type	PFKM	0.004046635	0.00210196	0.00309855	0	0.000106894	6.3616E-05	0.009008883	-5.231699191
Heat shock protein HSP 90-beta;Putative heat shock protein HSP 90-beta-3	HSP90AB1;HSP90AB3P	0.070400851	0.06108029	0.10633848	0.07572435	0.114275191	0.084143706	0.68787236	0.257262493
U2 small nuclear ribonucleoprotein B	SNRPB2	0.009498376	0.00643306	0.01953877	0.01819384	0.031731426	0.023586798	0.119093328	1.312226808
U1 small nuclear ribonucleoprotein 70 kDa	SNRNP70	0.010272646	0.01359992	0.0210896	0.01802612	0.040681212	0.021193652	0.197298719	0.640034468
Vimentin	VIM	0.02389598	0.04002826	0.06102018	0.01478901	0.010203721	0.012535099	0.059437687	-1.675045622
Annexin A5;Annexin	ANXA5	0.00242067	0.0046442	0.00519098	0.00106384	0.00087825	0.000878123	0.038634527	-2.402725283
U1 small nuclear ribonucleoprotein A	SNRPA	0.007517075	0.00946237	0.01280665	0.01837231	0.033283776	0.018281764	0.107028201	0.957259543
U1 small nuclear ribonucleoprotein C	SNRPC	0.003429739	0.00456883	0.00591935	0.00813363	0.005449297	0.009218577	0.233851624	0.832076258
Syntaxin-12	STX12	0.000500705	0.00018876	0.00047897	0	0	0	NaN	NaN
Beta-adducin	ADD2	0.000225557	0.0002568	0.00019512	0	5.8846E-05	6.55691E-05	0.058771251	-1.860439932
BRISC complex subunit Abro1	ABRAXAS2	0.00035655	0.00025021	0.00034831	0	0	8.07322E-05	0.020179407	-2.109176492
HAUS augmin-like complex subunit 5	HAUS5	6.82958E-05	0.00018679	0.00020838	0	0	0	NaN	NaN
U2 small nuclear ribonucleoprotein A	SNRPA1	0.006273094	0.01229561	0.01378117	0.00866387	0.020414942	0.019285172	0.341666121	0.649348233
Poly [ADP-ribose] polymerase 1	PARP1	0.00355089	0.00275683	0.005098	0.00499425	0.007714335	0.006281764	0.213425996	0.822989074
Fructose-bisphosphate aldolase C	ALDOC	0.000116532	0.00019531	0.00041626	0	3.40325E-05	0	0.025915777	-2.520780779
60 kDa SS-A/Ro ribonucleoprotein	TROVE2	0.002313459	0.00229656	0.00309124	0.00100744	0.001993946	0.001871716	0.235547456	-0.305689983
Thioredoxin	TXN	0.017949278	0.02269654	0.0353256	0.02392087	0.036956376	0.028010904	0.640533032	0.303516481
60 kDa heat shock protein, mitochondrial	HSPD1	0	2.1429E-05	6.4137E-05	3.7494E-05	0.000169312	0.000131138	0.266326398	1.822652059
78 kDa glucose-regulated protein	HSPA5	0.057171649	0.06221187	0.07601607	0.03930119	0.053548707	0.044642196	0.357103522	-0.478781899
Heat shock cognate 71 kDa protein	HSPA8	0.153079162	0.1327227	0.18677505	0.10188572	0.175687441	0.158518158	0.800535015	0.0503702
SH3 domain-binding glutamic acid-rich-like protein	SH3BGRL	0.001401187	0.00057186	0.00119591	0	0	0	NaN	NaN
CTTNBP2 N-terminal-like protein	CTTNBP2NL	0.00012937	6.2287E-05	0	0	0	0	NaN	NaN
DNA topoisomerase 1	TOP1	0.000712182	0.00068986	0.00167531	7.9537E-05	0.000454039	0.000336092	0.114641354	-1.08338977
DNA topoisomerase 2-alpha	TOP2A	0.000967137	0.00097293	0.00207882	5.7565E-05	0.000275673	0.000101036	0.031239053	-3.267466581
Ubiquilin-1	UBQLN1	0.007532191	0.00704219	0.00995433	0.00128366	0.001724729	0.001308013	0.025195751	-2.525692705
Proliferating cell nuclear antigen	PCNA	0.017299854	0.01404376	0.04269979	0.01484277	0.036500984	0.021511051	0.934963809	0.314318152
Histidine--tRNA ligase, cytoplasmic	HARS	0.008391557	0.00971517	0.01905379	0.00694361	0.022213739	0.014895726	0.780621173	0.616587592
Nucleoprotein TPR	TPR	0	0	0	0	0	0	NaN	NaN
Creatine kinase B-type	CKB	6.85366E-05	0.00028872	0.00054187	0.00011988	9.63662E-05	7.96261E-05	0.258175637	-1.583051939
TRPM8 channel-associated factor 1	TCAF1	0.002773542	0.00256705	0.00323235	0.00054932	0.000750124	0.000712823	0.036132725	-1.96011378
UV excision repair protein RAD23 homolog A	RAD23A	0.007008174	0.00383063	0.00658252	0.00043359	0.000300532	0.00034538	0.011285254	-4.252383333
X-ray repair cross-complementing protein 6	XRCC6	0.010777069	0.0123668	0.03460225	0.02252862	0.041728613	0.03549411	0.195879558	1.521107865
X-ray repair cross-complementing protein 5	XRCC5	0.010447878	0.01012687	0.02558864	0.02273719	0.045733382	0.034935255	0.11032044	1.741473715
LIM and SH3 domain protein 1	LASP1	0.010226738	0.00549115	0.00878546	0	0	0	NaN	NaN
Elongation factor 2	EEF2	0.034578435	0.03033707	0.05767193	0.08561415	0.210203453	0.158539577	0.046410196	2.196898552
Protein disulfide-isomerase A4	PDIA4	0.002514836	0.00194682	0.00490949	0.00333817	0.004825947	0.004337455	0.352614112	0.78638447
Prolyl 4-hydroxylase subunit alpha-1	P4HA1	0.000373939	0.00047264	0.000638	3.8449E-05	0.000154498	4.86379E-05	0.034213777	-3.280579729
Plastin-3	PLS3	0.019662412	0.00434021	0.00589095	0.00024482	0.000824955	0.000481005	0.025997487	-3.614376267
cAMP-dependent protein kinase type II-alpha regulatory subunit	PRKAR2A	0.001070093	0.00117377	0.00179825	0.00038856	0.000906511	0.000483186	0.101274551	-1.280495494
Endoplasmin	HSP90B1	0.004399507	0.00404669	0.00827473	0.00323227	0.007899573	0.00590478	0.982627503	0.424541441
Aspartate--tRNA ligase, cytoplasmic	DARS	0.007375994	0.00930483	0.01684994	0.01340751	0.026397986	0.018104566	0.188744759	0.960302516
40S ribosomal protein S2	RPS2	0.108100997	0.14237412	0.19661156	0.17469225	0.427894081	0.313192484	0.146381621	1.137362636
Desmoplakin	DSP	0.000249793	0.00040413	0.00043812	6.9934E-05	0.000134635	6.99017E-05	0.039528422	-2.530773434
Histone H1.3;Histone H1.4	HIST1H1D;HIST1H1E	0	0	0	0.00011888	0	0	NaN	NaN
Histone H1.2	HIST1H1C	0.022382712	0.02021983	0.02855786	0.01757889	0.03010541	0.021701879	0.918030845	-0.044564891
Y-box-binding protein 3	YBX3	0.022809876	0.03510102	0.05831583	0.03620169	0.077697861	0.070635771	0.253480961	1.008886222
Heat shock 70 kDa protein 6	HSPA6	0.035607995	0.0338344	0.04550187	0.03162823	0.048918445	0.040280401	0.911101262	0.177876842
Tropomyosin alpha-1 chain	TPM1	0.00035477	0.00018562	0.00052579	0	0	0	NaN	NaN
CTP synthase 1	CTPS1	0.001644553	0.00148582	0.00208129	0.00018162	0.001235866	0.000655866	0.136123765	-1.326222511
Alpha-actinin-4	ACTN4	0.130438921	0.08750236	0.1303498	0.00112627	0.00119176	0.000382339	0.006269816	-6.854691878
26S proteasome non-ATPase regulatory subunit 9	PSMD9	0.000434806	0.00021947	0.00059791	0	0	0	NaN	NaN
T-complex protein 1 subunit alpha	TCP1	0.002815418	0.0024429	0.00506412	0.00226781	0.003872839	0.001545633	0.411491642	-0.312051903
60S ribosomal protein L35a	RPL35A	0.109097525	0.16569664	0.3156544	0.30852013	0.644057808	0.512803038	0.097644086	1.629860461
60S ribosomal protein L7	RPL7	0.107753891	0.15658955	0.26938533	0.15200774	0.41215628	0.356927271	0.26197555	1.188642169
Vinculin	VCL	0.000633468	0.00048253	0.00076601	0.00032069	0.000217208	0.000191251	0.085542889	-1.544194503
Phosphoglycerate mutase 1	PGAM1	0.003429347	0.0113556	0.01302676	0	0.0094542	0.009074287	0.805634097	-0.293961559
Nucleolin	NCL	0.09021946	0.10094944	0.21692392	0.38667957	0.884464446	0.664648038	0.034851276	2.718957661
DNA-directed RNA polymerase II subunit RPB3	POLR2C	0.003668346	0.00304878	0.00559805	0.00209181	0.002942768	0.001420037	0.156424085	-0.810375835
Interferon-induced, double-stranded RNA-activated protein kinase	EIF2AK2	0.000242386	0.00023219	0.00092438	0.00097026	0.003782698	0.002587674	0.07943816	3.416277598
Casein kinase II subunit alpha	CSNK2A2	0.001767663	0.00111431	0.00177395	0.00273494	0.0102064	0.004540941	0.076717464	1.361148037
Eukaryotic translation initiation factor 2 subunit 2	EIF2S2	0.015741238	0.01621271	0.02889853	0.01914422	0.040059737	0.026178561	0.381918615	0.691260713
Clathrin light chain A	CLTA	0.091215989	0.0594138	0.10683167	0.0042319	0.005837318	0.003457502	0.010541391	-4.429909972
Transcription factor BTF3	BTF3	0.026480797	0.03041976	0.05607361	0.03166801	0.068480197	0.054444553	0.400312882	0.839778806
Proteasome subunit beta type-1	PSMB1	0.728473855	0.90079556	1.04548361	0.878826	0.822129358	0.960821731	0.991263136	-0.035622174
Filamin-A	FLNA	0.00661684	0.0042282	0.00460371	0.00026133	0.000448922	4.53841E-05	0.027924545	-4.138829591
Neurofibromin;Neurofibromin truncated	NF1	6.89956E-05	4.1216E-05	0.00025438	4.8089E-05	9.31423E-05	0.000250745	0.856345984	0.432932147
Adenosylhomocysteinase	AHCY	0.000288932	0.00023184	0.00061914	0	0	0	NaN	NaN
Ubiquitin-like modifier-activating enzyme 1	UBA1	0.0008522	0.0006181	0.00107133	0.00061003	0.00051545	0.00029557	0.175998682	-0.725359562
Nucleoside diphosphate kinase;Nucleoside diphosphate kinase B;Putative nucleoside diphosphate kinase	NME1-NME2;NME2;NME1;NM	0.000258599	0	0.00054245	0	0.000121263	0	0.06967181	-1.62696534
Heterogeneous nuclear ribonucleoproteins A2/B1	HNRNPA2B1	0.027038406	0.03770334	0.07641885	0.06999946	0.135559395	0.149895823	0.100744207	1.846160904
Splicing factor, proline- and glutamine-rich	SFPQ	0.004442	0.00490181	0.0084383	0.00693136	0.018371037	0.01278707	0.133030117	1.383298962
Peptidyl-prolyl cis-trans isomerase B	PPIB	0.007000336	0.0061142	0.00949219	0.00606494	0.00949706	0.008072048	0.907135196	0.205510584
40S ribosomal protein S3	RPS3	0.222735416	0.23142468	0.38785277	0.31849702	0.809338209	0.574880732	0.151563115	1.312719932
Cell division cycle and apoptosis regulator protein 1	CCAR1	7.00873E-05	0.00012244	0.00022229	0	0	0	NaN	NaN
26S proteasome non-ATPase regulatory subunit 3	PSMD3	0.283322136	0.37834188	0.41567266	0.05879482	0.059725961	0.072964658	0.025745718	-2.663260423
Elongation factor 1-beta	EEF1B2	0.0380898	0.0360536	0.05388894	0.01450196	0.048011679	0.023495278	0.247645583	-0.697033875
Low molecular weight phosphotyrosine protein phosphatase	ACP1	0.008789049	0.01327227	0.01743356	7.9347E-05	0.000516709	0.000453841	0.017070079	-4.870084382
DNA-directed RNA polymerase II subunit RPB1;DNA-directed RNA polymerase	POLR2A	0.000697066	0.00103662	0.00177742	0.00068103	0.001489131	0.001082232	0.89508859	0.062126847
DNA replication licensing factor MCM3	MCM3	0.000372965	0.00045078	0.00071202	0.00019365	0.0004293	0.000241164	0.178392312	-0.902408945
Zinc-alpha-2-glycoprotein	AZGP1	0.000320614	0.00036252	0.00046963	0	0.000137716	0.000148868	0.099523091	-1.34021556
40S ribosomal protein S12	RPS12	0.189771582	0.22558359	0.22590191	0.27326775	0.540804436	0.168719696	0.408489728	0.276653127
Proteasome subunit alpha type-1	PSMA1	1.53073564	2.00157019	2.11069504	2.39316239	2.025153695	2.320124623	0.633309236	0.213070094
Proteasome subunit alpha type-2	PSMA2	0.732840667	0.8483199	0.91707005	1.07160135	0.925811334	1.017194041	0.621374495	0.261914605
Proteasome subunit alpha type-3	PSMA3	2.213134028	2.19114414	2.56452644	2.86190399	2.58742851	2.622724175	0.698411977	0.244975267
Proteasome subunit alpha type-4;Proteasome subunit alpha type;Proteasome subunit beta type	PSMA4	1.655637667	1.82665131	2.03835967	2.01956674	1.791698477	1.919559926	0.91767381	0.071574333
Moesin	MSN	0	6.5796E-05	0.00019456	0	0.000184474	0.000422744	0.254954975	1.303467454
Probable ATP-dependent RNA helicase DDX6	DDX6	0.000254064	8.8405E-05	0	0.00019898	0.000911547	0	0.313331408	1.506773141
DNA (cytosine-5)-methyltransferase 1	DNMT1	0.001215541	0.00150811	0.0021781	0.00051349	0.001765982	0.001376964	0.394788044	-0.13125369
60S ribosomal protein L13	RPL13	0.126010525	0.19475557	0.32908028	0.35824329	0.812860797	0.825703437	0.076942369	2.061343691
High mobility group protein B2	HMGB2	0.004093551	0.00155093	0.00762727	0.00111692	0.00284218	0.003023464	0.385052436	-0.526354944
Polypyrimidine tract-binding protein 1	PTBP1	0.027612249	0.01557521	0.06909855	0.02595388	0.121353853	0.051342615	0.409764409	0.894848378
Threonine--tRNA ligase, cytoplasmic	TARS	0.000341591	0.00041415	0.00102073	0.00014148	0.000509637	0.000205413	0.21918062	-1.011636351
Valine--tRNA ligase	VARS	0.004758538	0.00478834	0.01081651	0.00329033	0.010338597	0.006122091	0.906272324	0.354499195
Elongation factor 1-gamma	EEF1G	0.080825216	0.09405946	0.11440314	0.06682686	0.176316953	0.134578911	0.603052361	0.516807428
14-3-3 protein theta	YWHAQ	0.043990595	0.03162043	0.03968764	0.0124023	0.017733489	0.014400351	0.085883742	-1.462585908
60S ribosomal protein L10	RPL10	0.004923133	0.01005066	0.01633209	0.00671505	0.019399687	0.017591861	0.517805872	0.80761715
Replication protein A 70 kDa DNA-binding subunit;Replication protein A 70 kDa DNA-binding subunit, N-terminally processed	RPA1	0.000778244	0.00124631	0.00141629	0.00257464	0.003575227	0.001803505	0.108210321	1.04670664

Calreticulin	CALR	0.003173273	0.00221124	0.00423646	0.00343514	0.004738351	0.00537085	0.348047987	0.578413429
Proteasome subunit beta type-9;Proteasome subunit beta type	PSMB9	0.003386799	0.00418874	0.00450927	0.00338053	0.003507588	0.002387499	0.477005546	-0.309265854
Proteasome subunit alpha type-5	PSMA5	0.698466017	0.79196064	0.87069139	0.7076493	0.742181326	0.729841301	0.845710705	-0.117845939
Proteasome subunit beta type-4	PSMB4	1.327230993	1.39097666	1.68243675	1.59275386	1.545385141	1.631253043	0.824144075	0.195425122
Proteasome subunit beta type-6	PSMB6	1.301589968	1.67067937	1.90802813	1.61221308	1.639276195	1.637678902	0.969626717	-0.028782365
Proteasome subunit beta type-5	PSMB5	0.820904714	0.93051397	0.91834871	0.78497017	0.996664925	0.934865154	0.969864951	0.025716218
Proteasome subunit beta type-5	PSMB5	0.003943063	0	0	0	0	0	NaN	NaN
Mitogen-activated protein kinase 1	MAPK1	8.81368E-05	0	0	0	0	0	NaN	NaN
COMM domain-containing protein 9	COMMD9	0.000271828	0.00012379	0.00034133	0	0	0	NaN	NaN
Transketolase	TKT	0.000761001	0.00134125	0.00165558	0.00022519	0.000332436	0.000150387	0.027332748	-2.574374212
Elongation factor 1-delta	EEF1D	0.031156086	0.04098398	0.06388803	0.01963662	0.05935763	0.047413105	0.767518472	0.210225642
Elongation factor 1-delta	EEF1D	0.000582018	0.0002804	0.00029402	0	0.000186644	0.000369214	0.456897242	-0.163531286
Endoplasmic reticulum resident protein 29	ERP29	0.002468201	0.00288276	0.00368052	0.00042143	0.002196461	0.002698666	0.259837341	-0.392269348
60S ribosomal protein L12	RPL12	0.150251931	0.16207474	0.24849758	0.24970166	0.600956323	0.420406971	0.117956222	1.375127324
Phosphatidylethanolamine-binding protein 1;Hippocampal cholinergic neurostimulating peptide	PEBP1	0.001521666	0.00019261	0.00155101	0.01254529	0.000170316	0	0.753488647	-0.057971946
Protein disulfide-isomerase A3	PDIA3	0.003936289	0.00310007	0.00645548	0.00561275	0.0047713	0.004347386	0.734067454	0.277546254
Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A alpha isoform	PPP2R1A	0.007606091	0.00554276	0.00819627	0.00482417	0.004533558	0.004820173	0.308214115	-0.658070273
Cell division cycle protein 27 homolog	CDC27	4.63128E-05	4.1797E-05	0.00010509	0.00028499	0.000385583	0.00035979	0.024211456	2.957672201
Glycylpeptide N-tetradecanoyltransferase 1	NMT1	0.000758034	0.00125374	0.0028019	0.00147858	0.005325404	0.003633726	0.224551627	1.535209143
Alpha-2-macroglobulin receptor-associated protein	LRPAP1	0.001144609	0.00135088	0.00127893	0.00020972	0.000748423	0.000224243	0.062892319	-2.511802447
CAP-Gly domain-containing linker protein 1	CLIP1	5.26162E-05	9.0062E-06	0	0	0	2.35089E-05	0.936279257	0.110959898
DnaJ homolog subfamily A member 1	DNAJA1	0.009723435	0.00923846	0.01031418	0.00029696	0.002557292	0.002054133	0.06699561	-2.242936469
Heterogeneous nuclear ribonucleoprotein H3	HNRNPH3	0.000409131	0.00086331	0.00240789	0.00085905	0.002212132	0.001840756	0.468165112	1.092347799
Caspase-14;Caspase-14 subunit p17, mature form;Caspase-14 subunit p10, mature form;Caspase-14 subunit p20, intermediate form;Caspase-14 subunit p8, intermediate form	CASP14	0	0	0	0	0	0	NaN	NaN
14-3-3 protein beta/alpha;14-3-3 protein beta/alpha, N-terminally processed	YWHAB	0.043996753	0.03522768	0.04392913	0.01471806	0.020622547	0.015497809	0.096052757	-1.503113527
Stress-induced-phosphoprotein 1	STIP1	0.008819281	0.00471004	0.00802977	0.00335656	0.009334191	0.003905949	0.416093282	-1.039686271
Protein S100-A11;Protein S100-A11, N-terminally processed	S100A11	0.030932706	0.10880352	0.13351904	0.01102188	0.019762661	0.01695278	0.060938563	-2.682131413
Peroxiredoxin-2	PRDX2	0.004874482	0.00380006	0.00829299	0.00247164	0.009702924	0.006399961	0.99983658	0.392814199
Kinesin-1 heavy chain	KIF5B	6.73441E-05	3.3425E-05	0.00024117	7.5789E-05	0	0	0.90802949	0.17043501
DNA replication licensing factor MCM4	MCM4	0.000115121	4.8271E-05	0.00021243	6.0796E-05	0	3.34067E-05	0.233729019	-1.353026929
Very-long-chain (3R)-3-hydroxyacyl-CoA dehydratase 3	HACD3	0.00016492	0	0.00030388	0	0	0	NaN	NaN
Heat shock 70 kDa protein 1-like	HSPA1L	8.43579E-05	0	0	0	0	0	NaN	NaN
Replication factor C subunit 4	RFC4	0.002884	0.00373066	0.00643118	0.00266817	0.006169888	0.004412618	0.965303146	0.242203588
Replication factor C subunit 2	RFC2	0.004498264	0.00393677	0.00852133	0.0040559	0.008501226	0.005797099	0.807608741	0.365962789
Replication factor C subunit 1	RFC1	0.000735864	0.0001456	0.0003578	0.00023121	0.000966288	0.000666848	0.519520161	0.898188438
Liprin-alpha-1;Liprin-alpha-2	PPFIA1;PPFIA2	0.25867764	0.27195645	0.33239565	0.05602537	0.06670417	0.074686009	0.035403932	-2.027526799
Myosin-10	MYH10	0.000785914	0.0004075	0.00086446	0.00013355	0.000148873	0.000136244	0.031882362	-2.528178755
Coatomer subunit beta	COPB2	0.002265144	0.00110614	0.00220285	0.00043932	0.000926548	0.000370519	0.06038601	-2.326040311
Ribonucleoside-diphosphate reductase large subunit	RRM1	0	0	0	0.00025157	0.00141667	0.001181871	NaN	NaN
Glia maturation factor beta	GMFB	0.013116112	0.00667214	0.01003745	0.00013082	0	0.0002037	0.007639121	-5.942244894
Monocarboxylate transporter 8	SLC16A2	0.008081962	0.01049409	0.01754133	0.02329194	0.015101593	0.016312336	0.262285408	0.636386879
60S ribosomal protein L4	RPL4	0.032594334	0.03616874	0.08131793	0.06513251	0.191947603	0.143271347	0.117866062	1.985934747
Guanine nucleotide-binding protein-like 1	GNL1	0.000226436	0.00029196	0.00100374	0.0003863	0.001226276	0.000810281	0.352539194	1.472646644
Cofilin-1	CFL1	0.718508566	0.62425416	0.64176637	0.00935731	0.014627449	0.024500049	0.007552083	-5.4552981
RNA-binding motif protein, X chromosome;RNA-binding motif protein, X chromosome, N-terminally processed;RNA binding motif protein, X-linked-like-1	RBMX;RBMXL1	0.002512821	0.00461708	0.00698721	0.00481815	0.010670229	0.006886379	0.259484613	0.576763604
Stress-70 protein, mitochondrial	HSPA9	0.00194116	0.00089764	0.00344004	0.00011253	0.000801463	0.000114365	0.082958156	-4.085201531
Eukaryotic initiation factor 4A-III;Eukaryotic initiation factor 4A-III, N-terminally processed	EIF4A3	0.003377393	0.00457155	0.00497114	0.00310832	0.008018242	0.005136014	0.658549397	0.167966367
40S ribosomal protein S19	RPS19	0.180119807	0.2608814	0.39724176	0.48529807	0.77483559	0.812793302	0.089050218	1.570496139
60S ribosomal protein L3	RPL3	0.130897996	0.15875641	0.26643529	0.20419287	0.539773108	0.339869536	0.164697945	1.098166191
Flap endonuclease 1	FEN1	0.001684078	0.00202449	0.00431181	0.00300059	0.009113192	0.005080518	0.175168941	1.327413519
Alpha-taxilin	TXLNA	0.00133938	0.00168638	0.00483469	0.0006646	0.003951595	0.00294168	0.87890923	0.802709799
T-complex protein 1 subunit zeta	CCT6A	0.005189732	0.0062818	0.0095406	0.01020061	0.007202556	0.00843209	0.553282851	0.424713173
60S ribosomal protein L13a	RPL13A;RPL13a	0.075915351	0.10067099	0.18697598	0.1498038	0.323649563	0.301294908	0.12881761	1.581528241
Malate dehydrogenase, mitochondrial;Malate dehydrogenase	MDH2	0.000676408	0.00029577	0.00170216	0.00011728	0.000454052	0.000337825	0.215919507	-1.001617627
Replication factor C subunit 5	RFC5	0.001403426	0.00084022	0.00267906	0.00070848	0.002092525	0.001005394	0.626462991	-0.481192011
Replication factor C subunit 3	RFC3	0.003617008	0.00405496	0.00613508	0.00469397	0.009718997	0.00658339	0.302822616	0.69914405
Phospholipase D3	PLD3	0.000356679	0.00053406	0.00090851	0	0	0	NaN	NaN
Eukaryotic translation initiation factor 2 subunit 3;Putative eukaryotic translation initiation factor 2 subunit 3-like protein	EIF2S3;EIF2S3L	0.019627141	0.02575212	0.02889214	0.03363866	0.033966864	0.063016259	0.210065726	0.399436823
Eukaryotic translation initiation factor 2D	EIF2D	0.000370854	0.00032077	0.00076788	0.00068619	0.001907823	0.001016162	0.120685457	1.454207185
N-alpha-acetyltransferase 10	NAA10	0.000287728	0	0.00052998	0	0.000635794	0	0.197567959	0.703232188
Tyrosine-protein kinase CSK	CSK	0.000967809	0.00068115	0.00084028	0.00057599	0.000826148	0.000697128	0.657748719	-0.269443138
Glycine--tRNA ligase	GARS	5.08767E-05	0.00027658	0.00026739	0.00011806	0.000112233	4.59488E-05	0.387354874	-1.252421598
Superkiller viralicidic activity 2-like 2	SKIV2L2	0.002357295	0.00277484	0.00330304	0.00534021	0.00986807	0.006454289	0.0917517	1.217856191
40S ribosomal protein S27	RPS27	0.193192252	0.15140793	0.33317198	0.13946138	0.43290339	0.073289845	0.678186138	-0.470171604
Condensin-2 complex subunit D3	NCAPD3	0.000509898	0.00030146	0.00083961	0.00035649	0.000811722	0.000515062	0.908954187	0.014537426
RNA-binding protein 34	RBM34	0.000796271	0.00087846	0.00237574	0.00273053	0.00574048	0.005408042	0.067222941	2.622062782
Leucine-rich PPR motif-containing protein, mitochondrial	LRPPRC	4.8335E-05	4.7638E-05	0.00013192	4.4197E-05	5.72387E-05	2.00058E-05	0.263012699	-0.129113267
DNA mismatch repair protein Msh2	MSH2	0.002786418	0.0026466	0.00580674	0.00168145	0.0043068	0.002142343	0.417335919	-0.379222216
Cleavage and polyadenylation specificity factor subunit 5	NUDT21	0.004909585	0.00463163	0.00593141	0.00083061	0.000626619	0.000915471	0.020818564	-2.563361409
Ran GTPase-activating protein 1	RANGAP1	0.00203555	0.00151031	0.00274016	0.0013543	0.001379033	0.001250998	0.279761894	-0.587873435
ATP-dependent DNA helicase Q1	RECQL	0.00063789	0.00102116	0.00185177	0.00089154	0.003472094	0.002579106	0.282244448	1.336667788
Probable 28S rRNA (cytosine(4447)-C(5))-methyltransferase	NOP2	0.000882376	0.00206145	0.00439775	0.00562683	0.014873897	0.012365885	0.07419983	2.584636219
Large proline-rich protein BAG6	BAG6	0.002767663	0.00260567	0.00295479	0.00020157	9.13502E-05	0.000330309	0.013025845	-3.779315445
60S ribosomal protein L5	RPL5	0.083837196	0.12107191	0.25482692	0.2337795	0.549108638	0.433511829	0.102359797	1.840207118
60S ribosomal protein L21	RPL21	0.036042436	0.06046896	0.14093525	0.09335806	0.235477693	0.152989972	0.18570304	1.339170349
40S ribosomal protein S9	RPS9	0.179627141	0.19917303	0.40883186	0.22872655	0.608014894	0.473683186	0.265380667	1.249900121
40S ribosomal protein S10;Putative 40S ribosomal protein S10-like	RPS10;RPS10-NUDT3;RPS10P	0.055838092	0.08240657	0.12480592	0.11236897	0.256037289	0.250511148	0.11064728	1.604043468
Microtubule-associated protein 1B;MAP1B heavy chain;MAP1 light chain LC1	MAP1B	9.35897E-05	3.1635E-05	0.00020986	0.00016374	0.000531348	0.00028044	0.155616015	1.583270472
Cell division cycle protein 123 homolog	CDC123	0.000544648	0.00057232	0.00121902	0	0	0	NaN	NaN
Ras GTPase-activating-like protein IQGAP1	IQGAP1	0.001705744	0.01069193	0.00470929	0.00044548	0.000966167	0.000585941	0.056620076	-3.006681953
Eukaryotic translation initiation factor 1A, X-chromosomal;Eukaryotic translation initiation factor 1A, Y-chromosomal	EIF1AX;EIF1AY	0.015716045	0.01693185	0.01756325	0.01870236	0.033060098	0.026381073	0.288925771	0.639763291
Glutamine--tRNA ligase	QARS	0.00324846	0.00245535	0.00432907	0.00271548	0.00734587	0.004641028	0.389987631	0.514688461
60S ribosomal protein L29	RPL29	0.163447542	0.17789176	0.35945748	0.3177337	0.800377707	0.717047999	0.101249837	2.011069993
Phosphatidylinositol 5-phosphate 4-kinase type-2 alpha	PIP4K2A	0.000829974	0.00030209	0.0008788	0.00053959	0.001237634	0.000638263	0.646514266	-0.378915125
Alpha-actinin-1	ACTN1	0.004864797	0.00155941	0.00227053	2.0953E-05	0	0	0.004986728	-6.759760989
Protein PRRC2A	PRRC2A	0.000194855	0.00021754	0.00041079	0.00036266	0.001408768	0.000901684	0.110621391	2.051314695
MARCKS-related protein	MARCKSL1	0.005243646	0.00647702	0.01276464	0	0.001499444	0.000512219	0.039041131	-2.885700709
60S ribosomal protein L34	RPL34	0.138299183	0.203915	0.37365056	0.26359189	0.768567257	0.72915977	0.148984573	1.838267055
Nuclear autoantigenic sperm protein	NASP	0.000597861	0.00027213	0.00071453	0.00062474	0.001010916	0.000818187	0.232244363	0.452620511
Fatty acid synthase;[Acyl-carrier-protein] S-acetyltransferase;[Acyl-carrier-protein] S-malonyltransferase;3-oxoacyl-[acyl-carrier-protein] synthase;3-oxoacyl-[acyl-carrier-protein] reductase;3-hydroxyacyl-[acyl-carrier-protein] dehydratase;Enoyl-[acyl-carrier-protein] reductase;Oleoyl-[acyl-carrier-protein] hydrolase	FASN	0.000497117	0.00034837	0.0010021	0.0001201	0.000180777	9.55058E-05	0.038885801	-2.049361302
Probable histidine--tRNA ligase, mitochondrial	HARS2	0	0	0	0	0.000105462	0	NaN	NaN
Proteasome subunit beta type-3	PSMB3	0.499277796	0.54067832	0.54141017	0.74398753	0.289294277	0.193650083	0.343613404	-0.902232728
Translation initiation factor eIF-2B subunit beta	EIF2B2	0.001811611	0.00092571	0.00169166	0.0017652	0.00432823	0.003055788	0.140513288	0.853103969
Allograft inflammatory factor 1-like	AIF1L	0.001794368	0.00348362	0.0032382	0	0	0	NaN	NaN
Glycogen synthase kinase-3 beta	GSK3B	0.000853544	0.00098315	0.0005806	0.00030054	0.000594996	0	0.196369382	-1.013239832
GMP synthase [glutamine-hydrolyzing]	GMPS	0.00130898	0.00114184	0.00159129	0.00048572	0.00136805	0.001035362	0.291910089	-0.33830778

Rab GDP dissociation inhibitor beta;Rab GDP dissociation inhibitor alpha	GDI2;GDI1	0.000179549	0.00023154	0.00217645	0.00036292	0.000593308	0.000120092	0.685182444	0.648390114
Hsc70-interacting protein;Putative protein FAM10A5	ST13;ST13P5	0.004163028	0.00348404	0.00812595	0.00181842	0.00673752	0.004052965	0.57506911	-0.038655545
Dynamin-2	DNM2	0.000432975	0.00042993	0.00048956	0.00019954	0.000339749	0.000465427	0.355702062	-0.349814421
Cyclin-dependent kinase 9	CDK9	0.001105867	0.00142249	0.0015395	0.00174897	0.000983271	0.000534281	0.41079913	-0.532752441
T-complex protein 1 subunit theta	CCT8	0.009015228	0.0058523	0.01555119	0.01121002	0.005824728	0.00479408	0.443038927	-0.630173298
T-complex protein 1 subunit delta	CCT4	0.002739447	0.00204459	0.00393022	0.00628297	0.005372283	0.005609386	0.135224116	1.033958171
Annexin A11	ANXA11	0.002831542	0.00272909	0.00371943	4.3487E-05	0.000195711	0	0.017015066	-4.93983385
Fragile X mental retardation syndrome-related protein 2	FXR2	0	0	0.00079408	0.00024088	0.00114606	0.000623036	0.476028674	-0.349972467
26S proteasome non-ATPase regulatory subunit 6	PSMD6	0.288791849	0.27408144	0.38270162	0.06948234	0.065257631	0.066342128	0.032280468	-2.122032829
B-cell receptor-associated protein 31	BCAP31	0.00038316	0.00043276	0.00102411	0	0.000479728	0	0.67709155	0.148632821
26S proteasome non-ATPase regulatory subunit 13	PSMD13	0.363525921	0.41625667	0.48323135	0.06828038	0.089973346	0.078940707	0.027224017	-2.398632055
Heterogeneous nuclear ribonucleoprotein A3	HNRNPA3	0.003901243	0.00391982	0.0067618	0.00711272	0.01716157	0.009577062	0.112345289	1.288797207
6-phosphogluconate dehydrogenase, decarboxylating	PGD	6.05867E-05	3.9771E-05	0.00028541	0	0	5.97469E-05	0.559676914	-0.020137268
Heterogeneous nuclear ribonucleoprotein M	HNRNPM	0.004309372	0.00500618	0.00601945	0.00644649	0.011727944	0.010823484	0.171652578	1.11238405
Importin subunit alpha-1	KPNA2	0.006644833	0.00851471	0.01500228	0.00161737	0.004345508	0.003392269	0.0669139	-1.327706309
Importin subunit alpha-5;Importin subunit alpha-5, N-terminally processed	KPNA1	0.00297951	0.00312038	0.00489241	0.00294608	0.004141654	0.002757862	0.793852032	-0.082923628
Nuclear cap-binding protein subunit 2	NCBP2	0.007135259	0.00985188	0.01580784	0.00305521	0.009636356	0.005924837	0.212322655	-0.733623445
Rap1 GTPase-GDP dissociation stimulator 1	RAP1GDS1	0	4.8997E-05	0.00022509	5.0966E-05	0	0	0.389780281	-1.043026349
Heterogeneous nuclear ribonucleoprotein F;Heterogeneous nuclear ribonucleoprotein F, N-terminally processed	HNRNPF	0.018577427	0.02390139	0.04050324	0.01120142	0.035947817	0.015033979	0.42967168	-0.668867748
DNA mismatch repair protein Msh6	MSH6	0.00200084	0.00190537	0.00467148	0.0008935	0.002915846	0.001513407	0.316599802	-0.402805782
F-actin-capping protein subunit alpha-1	CAPZA1	0.00169298	0.00112907	0.00231473	0.00030404	0.000678185	0.000843715	0.077269208	-1.31981415
ATP-citrate synthase	ACLY	0.001928395	0.00227719	0.00421892	0.00151019	0.003854489	0.00186052	0.664460501	-0.29154877
Methionine aminopeptidase 1	METAP1	0.000604412	0.00050401	0.00097406	0	0.000739288	0	0.704606069	0.290604192
Coatomer subunit beta	COPB1	0.000217546	9.3728E-05	0.00033563	0	0.000123762	8.92416E-05	0.293277706	-1.04964214
Coatomer subunit alpha;Xenin;Proxenin	COPA	0.000598813	0.00049064	0.0013087	0.00010937	0.000287191	0.000164921	0.051725575	-1.860330428
Arginine--tRNA ligase, cytoplasmic	RARS	0.003260105	0.00421313	0.00845456	0.00581369	0.014269833	0.008696135	0.201774803	1.045482932
Tyrosine--tRNA ligase, cytoplasmic;Tyrosine--tRNA ligase, cytoplasmic, N-terminally processed	YARS	0.002151383	0.00241108	0.00461613	0.00699887	0.017116031	0.015028527	0.041458448	2.639955179
Protein DDI1 homolog 2	DDI2	0.017024409	0.00973307	0.01241575	0.00056225	0.000827621	0.000643151	0.010531263	-4.270869643
5-AMP-activated protein kinase subunit gamma-1	PRKAG1	0.002087336	0.00259824	0.00632651	0.00080366	0.000356156	0.000197157	0.039646269	-2.866954054
Heat shock-related 70 kDa protein 2	HSPA2	0	0	0	0	0	0	NaN	NaN
26S proteasome non-ATPase regulatory subunit 2	PSMD2	0.217153734	0.18332461	0.22157275	0.04326291	0.055498855	0.051644436	0.038633871	-2.072031929
26S proteasome non-ATPase regulatory subunit 1	PSMD1	0.170837532	0.22163718	0.207745	0.04776864	0.054967118	0.051011586	0.042071828	-2.025916893
Eukaryotic translation initiation factor 5	EIF5	0.001176688	0.00066555	0.00106183	0.00045831	0.000893519	0.000633317	0.316483817	-0.745555814
26S proteasome non-ATPase regulatory subunit 4	PSMD4	0.216851416	0.17166335	0.1536122	0.05546525	0.041215628	0.05900886	0.048221877	-1.629926042
Exportin-2	CSE1L	0.003608554	0.00188653	0.00194602	0.00070792	0.0016887	0.000953967	0.111025807	-1.028516754
Transitional endoplasmic reticulum ATPase	VCP	0.052387751	0.041566	0.05162846	0.01472666	0.018071014	0.01863655	0.045253559	-1.514489076
Mesencephalic astrocyte-derived neurotrophic factor	MANF	0.001043388	0.00148142	0.00142999	0.00016997	0.000830166	0.000603933	0.124099472	-1.243548682
NHP2-like protein 1;NHP2-like protein 1, N-terminally processed	NHP2L1	0.001710391	0.00334733	0.0068651	0.00286491	0.008275539	0.008328303	0.361574201	1.305844648
Eukaryotic translation initiation factor 3 subunit B	EIF3B	0.006046915	0.00645619	0.01700155	0.01226469	0.030939848	0.029695258	0.132805213	2.201477179
BH3-interacting domain death agonist;BH3-interacting domain death agonist p15;BH3-interacting domain death agonist p13;BH3-interacting domain death agonist p11	BID	0.000196311	0	0.00030936	0.00018985	0.00031122	0.000577879	0.583092047	0.33671627
Ribosomal RNA processing protein 1 homolog A	RRP1	0.000149031	0.00020298	0.00032652	0.00115444	0.002411969	0.002178172	0.016448175	3.423687071
Methionine--tRNA ligase, cytoplasmic	MARS	0.002528272	0.00292118	0.00548598	0.00377272	0.009306331	0.006704508	0.188075862	1.198581689
Eukaryotic translation initiation factor 6	EIF6	0.006857575	0.00818256	0.01392639	0.00836639	0.037426501	0.020194723	0.230568223	1.303354176
Ras-related protein Rab-25	RAB25	0.002745493	0.00253397	0.00105334	0.00258625	0.002908614	0.003615422	0.271606501	0.198933545
Coronin-7;Coronin	CORO7;CORO7-PAM16	0.000178821	0.00018991	0.00052523	0	0.000297398	0	0.738084316	0.647086667
Selenocysteine-specific elongation factor	EEFSEC	0.000426111	0.00054104	0.001156	0.00072485	0.002720028	0.002220621	0.162223188	2.037142688
Actin-related protein 2/3 complex subunit 4;Tubulin monoglycylase TTLL3	ARPC4;ARPC4-TTLL3;TTLL3	6.41585E-05	0.00014836	0.00011905	0	0.000231607	0.000135223	0.246525964	0.571917851
Triosephosphate isomerase	TPI1	0.0028667	0.00252737	0.00408677	0.00102018	0.000887666	0.001211197	0.065122166	-1.490567212
Eukaryotic translation initiation factor 3 subunit E	EIF3E	0.01871235	0.01883597	0.03466618	0.03673171	0.076754932	0.056290527	0.102894679	1.579401978
Thioredoxin-like protein 1	TXNL1	0.060211622	0.06215116	0.06585807	0.0132484	0.017587495	0.014156752	0.037337897	-2.134290944
Eukaryotic initiation factor 4A-I	EIF4A1	0.052194043	0.053557	0.10270344	0.06023652	0.149703326	0.128637913	0.260977234	1.264168904
40S ribosomal protein S20	RPS20	0.228053969	0.20196797	0.39104941	0.15911412	0.448493859	0.216454094	0.900389214	-0.075314191
Ribonuclease inhibitor	RNH1	2.24958E-05	0	0	0.00130936	0.000820268	0.001100867	0.004132909	5.612840698
mRNA-decapping enzyme 1A	DCP1A	0	0	0	3.3089E-05	0.000226772	0.000130681	NaN	NaN
NEDD8-conjugating enzyme Ubc12	UBE2M	0.001718229	0.00126442	0.00290383	0.00099768	0.001588112	0.000781949	0.204388287	-0.78427616
Ubiquitin-conjugating enzyme E2 N;Putative ubiquitin-conjugating enzyme E2 N-like	UBE2N;UBE2NL	0.002799295	0.0025592	0.00445639	0.00310262	0.003894938	0.002563528	0.978162825	0.148422549
Ras-related protein Rab-14	RAB14	0.000203393	0.00053073	7.578E-05	0.00114057	0	0	0.067605602	2.487411794
PDZ and LIM domain protein 5	PDLIM5	0.001342347	0.00071493	0.00058516	0	0	0	NaN	NaN
Alpha-centractin;Beta-centractin	ACTR1A;ACTR1B	0.003549155	0.00167947	0.00340058	0.00091109	0.000815178	0.001016707	0.065309825	-1.900117474
ATP-binding cassette sub-family E member 1	ABCE1	0.003437913	0.00348718	0.00482775	0.00368672	0.012835081	0.008830494	0.179548913	1.340434555
40S ribosomal protein S3a	RPS3A	0.225053186	0.23191668	0.42542698	0.4557437	0.900188854	0.821224808	0.093419162	1.824170655
60S ribosomal protein L26	RPL26;RPL26L1	0.130601276	0.18778394	0.30599141	0.33096812	0.828665568	0.613747444	0.080803766	1.708571412
Proteasome activator complex subunit 3	PSME3	0.176144889	0.24510625	0.33461503	0.20606354	0.163177563	0.166848408	0.408985436	-0.554869345
60S ribosomal protein L15;Ribosomal protein L15	RPL15	0.080970776	0.09495551	0.18787104	0.15004032	0.346137877	0.246655632	0.137080013	1.377174591
60S ribosomal protein L27	RPL27	0.092386071	0.16352978	0.30475843	0.08828576	0.459972409	0.34972252	0.584482732	1.096657306
Serine/threonine-protein kinase TBK1	TBK1	3.21683E-05	8.6308E-05	9.1149E-05	0	0	0	NaN	NaN
Small ubiquitin-related modifier 2;Small ubiquitin-related modifier 4	SUMO2;SUMO4	0.387862501	0.22816916	0.22896155	0.17880987	0.265292455	0.273488463	0.698426446	0.212478308
DDB1- and CUL4-associated factor 7	DCAF7	0.010900235	0.01178478	0.00794885	0.00118357	0.001953764	0.000182551	0.050119693	-3.203138643
Heterogeneous nuclear ribonucleoprotein K	HNRNPK	0.017804277	0.01568827	0.03689835	0.01947643	0.060934089	0.043129199	0.276871014	1.276441071
14-3-3 protein gamma;14-3-3 protein gamma, N-terminally processed	YWHAG	0.014360094	0.0172909	0.02625171	0.006786	0.007435609	0.011131535	0.111159382	-1.217490401
40S ribosomal protein S7	RPS7	0.186681223	0.22767717	0.52227601	0.33330108	0.871378631	0.694985883	0.178016651	1.609994045
Serine/threonine-protein phosphatase PP1-alpha catalytic subunit;Serine/threonine-protein phosphatase	PPP1CA;PPP1CB	0.000274157	0.00022821	0.00101836	0.00057649	0	0.000421166	0.761030224	0.845837466
Serine/threonine-protein phosphatase PP1-beta catalytic subunit;Serine/threonine-protein phosphatase	PPP1CB	0.001892845	0.00093027	0.00092958	0.00025885	0.000785886	0.000586895	0.129181664	-0.664551738
26S protease regulatory subunit 8	PSMC5	0.50584481	0.5201298	0.56933053	0.10932645	0.14114464	0.112964658	0.035226966	-2.20300022
Tropomyosin alpha-4 chain	TPM4	0.020494905	0.02594264	0.02913508	0.00019576	0.00036213	0	0.007012406	-6.606369675
40S ribosomal protein S8	RPS8	0.120787146	0.17855124	0.30416476	0.20562275	0.568007393	0.465757959	0.177934941	1.383242269
14-3-3 protein epsilon	YWHAE	0.270635987	0.22748875	0.24496301	0.06968876	0.116095418	0.107161912	0.085967934	-1.192771688
40S ribosomal protein S14	RPS14	0.309422237	0.32165812	0.63247785	0.81455679	1.613827835	1.324019083	0.064165098	2.041323911
40S ribosomal protein S18	RPS18	0.201461203	0.2385638	0.46686455	0.48007311	0.951782055	0.735351962	0.094249043	1.624059778
40S ribosomal protein S13	RPS13	0.095308476	0.13493144	0.19513198	0.17454174	0.329958077	0.355875767	0.141457817	1.290056241
U6 snRNA-associated Sm-like protein LSm3	LSM3	0.023553353	0.0188098	0.04361677	0.01450949	0.032193515	0.017888229	0.465566914	-0.396921891
U6 snRNA-associated Sm-like protein LSm6	LSM6	0.005622551	0.00496713	0.0098493	0.00603924	0.013357844	0.007826891	0.468994358	0.477214511
Small nuclear ribonucleoprotein Sm D2	SNRPD2	0.006077147	0.01090652	0.01533017	0.00653024	0.015136417	0.007723104	0.818209324	-0.497938407
Small nuclear ribonucleoprotein Sm D3	SNRPD3	0.017517075	0.0233759	0.03026852	0.01958286	0.046768728	0.034641223	0.41211681	0.567467768
60S ribosomal protein L7a	RPL7A	0.14908185	0.16323668	0.30558955	0.23259689	0.632646228	0.513173011	0.138867113	1.652480024
DNA-directed RNA polymerase II subunit RPB7	POLR2G	0.000739839	0.00137664	0.002411	0	0.000437779	0	0.059202431	-1.652872487
Cellular nucleic acid-binding protein	CNBP	0.000626134	0.0002311	0.00133364	0	0	0.000372194	0.429818111	-0.750416645
40S ribosomal protein S4, X isoform	RPS4X	0.203963722	0.22724798	0.45581332	0.48726549	0.915846292	0.650959011	0.099094089	1.518299202
Actin, gamma-enteric smooth muscle;Actin, alpha skeletal muscle;Actin, alpha cardiac muscle 1;Actin, aortic smooth muscle	ACTG2;ACTA1;ACTC1;ACTA2	0.001184414	0.00309986	0.00305526	0.00021574	0.000152744	5.62204E-05	0.019616028	-4.322105653
40S ribosomal protein S6	RPS6	0.125859366	0.15852612	0.31803818	0.19376445	0.611966087	0.3543764	0.228644401	1.160561987
Histone H4	HIST1H4A	0.011743926	0.01561394	0.02869668	0.01137451	0.020886407	0.018927855	0.893368027	0.277676019
60S ribosomal protein L23	RPL23	0.049136715	0.05550717	0.05743356	0.14360049	0.344035038	0.289728361	0.034392981	2.383954843
40S ribosomal protein S25	RPS25	0.298387639	0.35890296	0.62631291	0.57708972	1.238424345	0.981851816	0.117721822	1.451911475
40S ribosomal protein S26;Putative 40S ribosomal protein S26-like 1	RPS26;RPS26P11	0.247749412	0.17882341	0.31338935	0.67525668	0.901514847	0.501119657	0.072332953	1.446554371
40S ribosomal protein S28	RPS28	0.160687493	0.28060295	0.50960818	1.12659249	0.730140234	1.245604128	0.055225345	2.005363662
Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-1;Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-3;Guanine nucleotide-binding protein subunit beta-4;Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-2	GNB1;GNB4;GNB2;GNB3	0.001121319	0.00094936	0.00231537	0	0.000534697	0.000398131	0.085040523	-1.281142463
E3 ubiquitin-protein ligase RBX1;E3 ubiquitin-protein ligase RBX1, N-terminally processed	RBX1	0.012162692	0.01023249	0.00753311	0.0058683	0.006340258	0	0.283528181	-0.746343423
60S ribosomal protein L30	RPL30	0.088276789	0.09632576	0.17111152	0.23609095	0.523606702	0.437172622	0.052946522	2.182209456
60S ribosomal protein L31	RPL31	0.226514388	0.19589658	0.40291351	0.37048863	0.835616989	0.62640444	0.115647167	1.467491747
60S ribosomal protein L10a	RPL10A	0.088814243	0.13596776	0.21699699	0.23919798	0.478897952	0.354103787	0.092815395	1.380907676

60S ribosomal protein L11	RPL11	0.135466353	0.13696221	0.28667458	0.23473633	0.561283669	0.408275728	0.125685129	1.575765905
60S ribosomal protein L8	RPL8	0.133366924	0.13533968	0.3043109	0.26189324	0.647459852	0.416804595	0.117712351	1.622786257
Peptidyl-prolyl cis-trans isomerase A;Peptidyl-prolyl cis-trans isomerase A, N-terminally processed;Peptidyl-prolyl cis-trans isomerase	PPIA	0.00371487	0.00541579	0.01371267	0.00138515	0.007066742	0.002605589	0.262481989	-1.055561199
UV excision repair protein RAD23 homolog B	RAD23B	0.177421341	0.15117764	0.20600055	0.01379132	0.019822933	0.016442411	0.013868743	-3.431685787
Growth factor receptor-bound protein 2	GRB2	0.003710503	0.00192515	0.00328304	8.5186E-05	0.000395039	0.000305384	0.02518767	-3.426335946
AP-2 complex subunit beta	AP2B1	0.001410144	0.00093117	0.00227473	0.0005693	0.001016916	0.000818693	0.17168488	-0.784448029
14-3-3 protein zeta/delta	YWHAZ	0.084996081	0.05919188	0.09810028	0.03247111	0.045044936	0.03637231	0.128755104	-1.224555769
Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B alpha isoform;Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B gamma isoform	PPP2R2A;PPP2R2C	0.000644105	0.00049641	0.00097561	0.00019423	0.00022562	0.000446734	0.090831725	-1.513400931
Dynein light chain 2, cytoplasmic;Dynein light chain 1, cytoplasmic	DYNLL2;DYNLL1	0.014363453	0.00079762	0.00835684	0	0.001636196	0	0.302579685	-2.352611245
60S ribosomal protein L38	RPL38	0.044493338	0.06451586	0.12911681	0.0814245	0.305380319	0.260383604	0.162198108	2.012912861
40S ribosomal protein S21	RPS21	0.034684246	0.02956349	0.05342132	0.08281352	0.10288638	0.06248856	0.123935066	1.255585884
Guanine nucleotide-binding protein subunit beta-2-like 1;Guanine nucleotide-binding protein subunit beta-2-like 1, N-terminally processed	GNB2L1	0.121895644	0.14840364	0.24294456	0.23352148	0.481563333	0.417213514	0.116348097	1.491259382
Serine/threonine-protein phosphatase 2A catalytic subunit alpha isoform;Serine/threonine-protein phosphatase;Serine/threonine-protein phosphatase 2A catalytic subunit beta isoform	PPP2CA;PPP2CB	0.00086922	0.00129708	0.00316367	0.00081619	0.002050468	0.001108558	0.675876419	-0.226582097
Nuclease-sensitive element-binding protein 1	YBX1	0.078378681	0.06843295	0.17277377	0.14638499	0.265854998	0.237698374	0.12173255	1.600598835
Casein kinase II subunit beta	CSNK2B-LY6G5B-1181;CSNK2	0.005292744	0.00523291	0.00725582	0.00609687	0.012271199	0.007568689	0.366550326	0.516027552
Elongation factor Tu GTP-binding domain-containing protein 1	EFTUD1	0	0	0	0.00012172	0.000600916	0.000306903	NaN	NaN
Putative elongation factor 1-alpha-like 3;Elongation factor 1-alpha 1;Elongation factor 1-alpha	EEF1A1P5;EEF1A1	0.240129885	0.25632786	0.4690474	0.14524539	0.423340164	0.269262973	0.657597682	0.071025591
Tubulin alpha-1B chain;Tubulin alpha-1A chain;Tubulin alpha-1C chain;Tubulin alpha-4A chain;Tubulin alpha-3C/D chain;Tubulin alpha-3E chain	TUBA1B;TUBA1A;TUBA1C;TUE	0.11419214	0.08213231	0.09814595	0.20853626	0.126100642	0.088359459	0.418582912	0.361574994
Tubulin beta-4B chain;Tubulin beta-4A chain	TUBB4B;TUBB4A	0.026495353	0.02712865	0.04944378	0.03577165	0.051803485	0.040434232	0.516766669	0.5757599
Immunoglobulin-binding protein 1	IGBP1	0.00020884	0.00012275	0	4.9895E-05	0	0	0.042591688	-1.682069977
Ribonuclease P protein subunit p38	RPP38	0.000400224	0.00057322	0.00112622	0.00047883	0.002030913	0.001492591	0.330111053	1.38065049
Ribonuclease P protein subunit p30	RPP30	0.00186099	0.00103099	0.00234524	0.00475214	0.006867307	0.003939246	0.06298165	1.352506125
General transcription factor II-I	GTF2I	0.003715093	0.00334408	0.00644351	0.00239133	0.003984276	0.002162204	0.260470821	-0.635582076
SRSF protein kinase 2;SRSF protein kinase 2 N-terminal;SRSF protein kinase 2 C-terminal	SRPK2	0.000622999	0.00071075	0.00113691	0.00159963	0.002568543	0.00225976	0.082795277	1.668753429
T-complex protein 1 subunit beta	CCT2	0.006009965	0.00477934	0.00727856	0.00845262	0.007998018	0.006946938	0.480615873	0.412285939
DNA-dependent protein kinase catalytic subunit	PRKDC	0.002807468	0.00276416	0.00495123	0.00321443	0.007969355	0.00745536	0.210893137	1.40900844
Brain acid soluble protein 1	BASP1	0.000476766	0.00091656	0.00269449	0.00014927	0.000577062	0.000635517	0.22078812	-0.667502994
Dermcidin;Survival-promoting peptide;DCD-1	DCD	0.006515508	0.00746781	0.01250434	0.01702844	0.010008438	0.016312141	0.227224221	1.12718883
SAP domain-containing ribonucleoprotein	SARNP	0.000495314	0.00025244	0.00098941	0.00177165	0.005681279	0.003137572	0.049614872	2.663233262
Enhancer of rudimentary homolog	ERH	0.022950397	0.02553648	0.03632843	0.01942912	0.036652335	0.027056762	0.931663493	0.083429465
RNA-binding protein 10	RBM10	7.35472E-05	7.7551E-05	9.9991E-05	0.00011048	0.000193689	0.000126987	0.217603698	0.711472824
Vigilin	HDLBP	0.003109562	0.00326526	0.007647	0.0057924	0.01985106	0.011684938	0.136123765	1.839381627
Transcriptional activator protein Pur-alpha	PURA	0.002077763	0.00306898	0.01057357	0.00343923	0.018525067	0.008767988	0.354993726	1.514484699
Peptidyl-prolyl cis-trans isomerase FKBP3	FKBP3	0.008100437	0.00963833	0.02273541	0.03078428	0.074743172	0.05570441	0.053292624	2.530935846
Actin, cytoplasmic 1;Actin, cytoplasmic 1, N-terminally processed;Actin, cytoplasmic 2;Actin, cytoplasmic 2, N-terminally processed	ACTB;ACTG1	1.290337028	1.04259395	1.65092703	0.04881256	0.069677609	0.049048778	0.009105929	-4.717386934
Heterogeneous nuclear ribonucleoprotein U	HNRNPU	0.008848953	0.00910562	0.02821719	0.02723002	0.081827192	0.049597897	0.093925074	2.445449633
Nucleolysin TIAR;Nucleolysin TIA-1 isoform p40	TIAL1;TIA1	0.000541418	0.00036811	0.00059617	0.00026101	0.000697607	8.2105E-05	0.326203542	-1.052626716
Protein SET;Protein SETSIP	SET;SETSIP	0.03132404	0.02460693	0.04506713	0.03335699	0.040341008	0.029780937	0.901160455	0.0907186
Fatty acid-binding protein, epidermal	FABP5	0.000581962	0.00448603	0.00087012	0.00080271	0.001644768	0.001084568	0.833955056	0.317840857
26S protease regulatory subunit 4	PSMC1	0.364891949	0.35990788	0.43208512	0.08211579	0.096919409	0.094341349	0.037208597	-1.951507184
Exosome component 10	EXOSC10	0.002880137	0.00243306	0.00467778	0.00868989	0.017544635	0.011518255	0.04377718	1.999712824
ATP-dependent 6-phosphofructokinase, platelet type	PFKP	0.003528272	0.00299445	0.00387871	0	0.000736127	6.13845E-05	0.071304389	-4.052939377
Peptidyl-prolyl cis-trans isomerase FKBP4;Peptidyl-prolyl cis-trans isomerase FKBP4, N-terminally processed	FKBP4	0.001395141	0.00118884	0.00311252	0.00176015	0.002383306	0.001481199	0.873355141	0.335284167
Gamma-tubulin complex component 3	TUBGCP3	0.000162468	0.00015703	0.0003776	0	0	0	NaN	NaN
60S ribosomal protein L6	RPL6	0.114466465	0.11779546	0.25317381	0.20026877	0.587401722	0.405471716	0.127816057	1.783317382
DNA topoisomerase 2-beta;DNA topoisomerase 2	TOP2B	0.000281536	0.00011306	0.00030029	7.9917E-05	0.000269177	9.7085E-05	0.34958955	-1.535999095
Eukaryotic translation initiation factor 4 gamma 1	EIF4G1	0.002646232	0.00267581	0.0079031	0.00531269	0.013474237	0.00885094	0.167836088	1.725855543
Single-stranded DNA-binding protein, mitochondrial	SSBP1	0.008083641	0.02104365	0.01787287	0.01675751	0.031908225	0.025060851	0.236525762	0.48766449
14-3-3 protein eta	YWHAH	0.025100213	0.0184989	0.02689835	0.00959877	0.013566655	0.010129491	0.127310394	-1.309137925
Katanin p60 ATPase-containing subunit A-like 2	KATNAL2	0.00372142	0.00638187	0.00629747	0	0	0	NaN	NaN
Cleavage stimulation factor subunit 1	CSTF1	0.000460307	0.00010332	0.00145959	0.00092451	0.002348616	0.003383507	0.164809588	2.351142564
Inosine-5-monophosphate dehydrogenase;Inosine-5-monophosphate dehydrogenase 1;Inosine-5-monophosphate dehydrogenase 2	IMPDH1;IMPDH2	0.010400851	0.01070658	0.01458398	0.00081689	0.001039418	0.001043034	0.013108233	-3.3646504
Dynamin-1	DNM1	9.42616E-05	3.456E-05	5.6933E-05	0	3.07845E-05	6.63188E-05	0.65697879	-0.333456637
Elongation factor 1-alpha 2	EEF1A2	0.003553018	0.00215168	0.00619162	0.00300349	0.009841417	0.005508714	0.414446141	0.632670566
Exosome complex component RRP45	EXOSC9	0.003237655	0.00421826	0.00638351	0.01257862	0.016195872	0.008786292	0.076373015	1.576254636
Proteasome activator complex subunit 1	PSME1	0.050694771	0.07871559	0.09915974	0.05392034	0.062598947	0.063432967	0.595762843	-0.330510952
Fragile X mental retardation protein 1	FMR1	0.000400252	0.0005065	0.00162134	0.00017633	0.003165508	0.002371726	0.681980388	2.227300326
Peroxiredoxin-1	PRDX1	0.013702833	0.01511776	0.02127957	0.00715551	0.027300733	0.019583293	0.919815934	0.373378607
KH domain-containing, RNA-binding, signal transduction-associated protein 1	KHDRBS1	0.001531519	0.00130179	0.00154471	0.00098887	0.000830447	0.001330484	0.366426223	-0.631106111
ATP-dependent RNA helicase A	DHX9	0.009821968	0.01060295	0.02046214	0.02889534	0.070151753	0.046441437	0.047591685	2.130946627
Galectin-3-binding protein	LGALS3BP	0.000972791	0.00057847	0.00062629	0.00035967	0	0.000135473	0.084699142	-1.504496755
Desmocollin-1	DSC1	9.85668E-05	7.9302E-05	0.00027607	7.3466E-05	0.000102226	0	0.478523657	-0.185722218
Protein VAC14 homolog	VAC14	0.000315194	5.2836E-05	0.00042977	6.1266E-05	0.000192149	0.000114988	0.491217	-1.454756761
tRNA (cytosine(34)-C(5))-methyltransferase	NSUN2	0.000994681	0.0012863	0.00360115	0.00638725	0.011563333	0.007142635	0.047280073	2.473232606
Histone-binding protein RBBP4	RBBP4	0.005731161	0.00629551	0.00724925	0.00380595	0.004504895	0.003868562	0.256726769	-0.702525631
Nuclear cap-binding protein subunit 1	NCBP1	0.004727354	0.00384099	0.00509599	0.00218062	0.00320127	0.002877227	0.225261716	-0.716353855
Heat shock 70 kDa protein 14	HSPA14	0.001577259	0.00059992	0.00139885	0.00224544	0.00400142	0.003098432	0.075330015	1.147298069
AP-1 complex subunit beta-1	AP1B1	0.001690348	0.00113514	0.00226897	0.00026978	0.000479849	0.000784558	0.055509307	-1.8166679
Cleavage and polyadenylation specificity factor subunit 1	CPSF1	4.30719E-05	5.1664E-05	4.4068E-05	8.007E-06	2.34393E-05	2.5055E-05	0.08749103	-0.910801937
Transducin beta-like protein 3	TBL3	0.000284274	0.00034144	0.00041052	0.00129173	0.003219351	0.002733132	0.020649845	3.000842701
General transcription factor 3C polypeptide 1	GTF3C1	2.6852E-05	0.00011484	0.00027096	4.5351E-05	0.00017783	0	0.965045171	-0.354827759
	UBA52	0	0.00026452	0.00014979	0	0	0	NaN	NaN
Splicing factor 3A subunit 3	SF3A3	0.000907849	0.00112907	0.00127473	0.00085068	0.001371934	0.001046675	0.953082147	-0.10932011
Aminoacyl tRNA synthase complex-interacting multifunctional protein 1;Endothelial monocyte-activating polypeptide 2	AIMP1	0.001480797	0.00195834	0.00421783	0.00232618	0.00769103	0.004288774	0.258030825	1.130935505
Interleukin enhancer-binding factor 3	ILF3	0.018796887	0.02007328	0.04906841	0.05486319	0.102580999	0.064317009	0.086199044	1.679924302
Actin-related protein 3	ACTR3	0.000952973	0.00044428	0.00046519	0	0	0	NaN	NaN
Cell division cycle protein 16 homolog	CDC16	0.000314287	0.00058812	0.00111362	0.00030195	0.000864293	0.000379204	0.651099726	-0.633133917
Protein HEXIM1	HEXIM1	0.000697906	0.00081971	0.00145182	0	0	0	NaN	NaN
Acetyl-CoA carboxylase 1;Biotin carboxylase	ACACA	6.73609E-05	8.2203E-05	9.7023E-05	1.6491E-05	3.21667E-05	5.91432E-05	0.102456878	-1.353631885
Chromatin assembly factor 1 subunit B	CHAF1B	0.000201719	0.00028617	0.00037359	0.00042009	0.000913208	0.000428585	0.148380286	0.582698837
Unconventional myosin-VI	MYO6	0.00031441	0.00066975	0.00062593	0	0	0	NaN	NaN
Heterogeneous nuclear ribonucleoprotein A0	HNRNPA0	0.024921621	0.02160997	0.04211983	0.02793205	0.084836796	0.06092104	0.198555758	1.289542661
Aminoacyl tRNA synthase complex-interacting multifunctional protein 2	AIMP2	0.000913615	0.00063953	0.001019	0.0021331	0.004257377	0.002942849	0.047088397	1.687555276
Coronin-1C;Coronin	CORO1C	0.001098757	0.00120004	0.00134944	0	8.23E-05	5.75484E-05	0.012617039	-4.124106965
Serine/arginine-rich splicing factor 9	SRSF9	0.000620927	0.0008591	0.00145073	0.00030302	0.000786328	0.00047861	0.176888084	-0.84397889
Transcription intermediary factor 1-beta	TRIM28	0.003924253	0.00488213	0.00587451	0.00202892	0.004435381	0.004325187	0.354837202	-0.174748498
Ras GTPase-activating protein-binding protein 1	G3BP1	0.005925428	0.00720004	0.01173075	0.00876945	0.022074443	0.015544153	0.177450562	1.110294779
Polyadenylate-binding protein 4;Polyadenylate-binding protein	PABPC4	0.002547755	0.00400764	0.00698292	0.0044109	0.011688566	0.011223639	0.193717078	1.485714967
Serine-protein kinase ATM	ATM	0	0	0	0	0	0	NaN	NaN
Eukaryotic translation initiation factor 3 subunit I	EIF3I	0.013423469	0.01501727	0.0301644	0.02705478	0.05225218	0.045469769	0.116954616	1.598284914
Probable methyltransferase TARBP1	TARBP1	9.34218E-05	8.5084E-05	0.00022318	3.1159E-05	6.43335E-05	6.16357E-05	0.114976284	-0.599993026
Vacuolar fusion protein CCZ1 homolog;Vacuolar fusion protein CCZ1 homolog B	CCZ1B;CCZ1	0.000536771	0	0.00032816	0	0	0	NaN	NaN
DNA repair protein XRCC4	XRCC4	0.00013541	0.00012709	0.00014656	3.6443E-05	0.00022195	0	0.582508751	-0.590370012
Splicing factor 3B subunit 2	SF3B2	0.001319897	0.00134942	0.0019484	0.00211536	0.002553006	0.001896583	0.346490828	0.648563463
28 kDa heat- and acid-stable phosphoprotein	PDAP1	0.007386071	0.01207055	0.01231985	0.02183841	0.065758562	0.036790965	0.048373044	1.607859625

Peptidyl-prolyl cis-trans isomerase FKBP5;Peptidyl-prolyl cis-trans isomerase FKBP5, N-terminally processed	FKBP5	0.000713526	0.00075634	0.00121993	0.00196248	0.003055678	0.002279428	0.075949983	1.59156883
Serine/threonine-protein kinase ATR	ATR	0	1.6136E-05	0	0	2.10927E-05	0	NaN	0.38643397
KRR1 small subunit processome component homolog	KRR1	0.000292627	0.00057578	0.0009863	0.00296253	0.006730957	0.005561484	0.024378661	3.271887831
Cullin-1	CUL1	0.00827063	0.0076309	0.00935337	0.00636865	0.00705817	0.004294421	0.332123883	-0.37700964
Histone deacetylase 2;Histone deacetylase 1	HDAC2;HDAC1	0.001193259	0.00118905	0.00096283	0	0.000282544	0	0.019825457	-2.073263137
Cullin-3	CUL3	0.000288825	0.00010704	0.00015845	0.00010884	0	0.000122876	0.367978724	-0.454329082
Procollagen-lysine,2-oxoglutarate 5-dioxygenase 1	PLOD1	0.000357026	0.00017745	0.00015417	0	0	0	NaN	NaN
Four and a half LIM domains protein 1	FHL1	0.001590415	0.00202753	0.00341876	0.00125087	0.002302139	0.002074189	0.596555278	0.032823386
26S proteasome non-ATPase regulatory subunit 12	PSMD12	0.241568693	0.26513137	0.25852589	0.05606193	0.066153681	0.052873138	0.035332603	-2.205215595
Nucleolar GTP-binding protein 2	GNL2	7.50476E-05	0.00014233	6.4291E-05	0.00095645	0.001753124	0.000725246	0.013563836	3.671808694
Spliceosome RNA helicase DDX39B;ATP-dependent RNA helicase DDX39A	DDX39B;DDX39A	0.001315866	0.00143641	0.00283314	0.00264678	0.006672694	0.005655146	0.093671046	1.977099682
Tubulin beta-2A chain	TUBB2A	0	8.0594E-05	0.00011194	0.00012029	0.000456048	0.000429131	0.151569355	2.175706933
Bystin	BYSL	0.006815026	0.00667256	0.00928943	0.0079255	0.011341932	0.007726025	0.667156175	0.217782065
Cytoskeleton-associated protein 5	CKAP5	0.00047212	0.00051138	0.00057136	0.00136516	0.003548439	0.002317593	0.035654915	2.18016241
Cold-inducible RNA-binding protein	CIRBP	0.001375042	0.00134743	0.00241255	0.00215933	0.004610573	0.002738584	0.175233782	0.993954447
Rho GTPase-activating protein 17	ARHGAP17	0.000127365	8.478E-05	4.8318E-05	0	0	0	NaN	NaN
Actin-related protein 2/3 complex subunit 2	ARPC2	0.000567014	0.00025514	0.00041255	0	0	0	NaN	NaN
Scaffold attachment factor B1;Scaffold attachment factor B2	SAFB;SAFB2	0.000189839	0.00136292	0.00083137	0.00040261	0.000461539	0.000275845	0.478152322	-1.046105722
Eukaryotic translation initiation factor 3 subunit A	EIF3A	0.011148808	0.00917638	0.01914969	0.02084718	0.053282169	0.031601597	0.085499251	1.503107998
Cytoplasmic dynein 1 heavy chain 1	DYNC1H1	0.000112843	9.4312E-05	0.00021827	4.9421E-05	9.1144E-05	6.24847E-05	0.140358543	-0.852742047
Translation initiation factor eIF-2B subunit alpha	EIF2B1	0.001460811	0.00112813	0.0028925	0.00312476	0.006848957	0.006162983	0.072571296	2.076859278
Eukaryotic initiation factor 4A-II;Eukaryotic initiation factor 4A-II, N-terminally processed	EIF4A2	0.00067792	0.00157239	0.00271468	0.0005917	0.001685083	0.001101529	0.567762145	-0.513447946
Transcription elongation factor B polypeptide 3	TCEB3	9.84044E-05	2.5824E-05	0.00027115	0	0.000319953	0.000307662	0.23034251	1.672808399
Src substrate cortactin	CTTN	0.009171985	0.00447409	0.01068317	0.00071912	0.001703969	0.000373342	0.03194289	-3.67292755
E3 ubiquitin/ISG15 ligase TRIM25	TRIM25	0.000811443	0.00130859	0.0029831	0.00221072	0.00614377	0.004534709	0.139104153	1.792992413
Filamin-C	FLNC	0.000529924	0.00034975	0.00032631	0	3.04376E-05	9.72856E-05	0.037128635	-2.68422821
Caprin-1	CAPRIN1	0.006675064	0.00746572	0.01252169	0.00701758	0.020968109	0.014507838	0.32383072	0.95847962
DNA replication licensing factor MCM6	MCM6	0.000603908	0.00219261	0.00146443	0.00160522	0.003389722	0.000772758	0.686008441	0.132440237
Separin	ESPL1	0.000216325	0.00023617	0.00045702	0.00027076	0.00088421	0.00048192	0.265552177	1.028986286
Mediator of DNA damage checkpoint protein 1	MDC1	1.90947E-05	3.9329E-05	5.7919E-05	0	0	8.48992E-06	0.033741316	-2.211770639
Coactosin-like protein	COTL1	0.013139626	0.00889124	0.01321856	0	0	0	NaN	NaN
Structural maintenance of chromosomes protein 1A;Structural maintenance of chromosomes protein	SMC1A	0.080002239	0.09245159	0.09643803	0.1234317	0.121594942	0.118574628	0.423790729	0.395313244
Ribosomal RNA processing protein 1 homolog B	RRP1B	0.000766096	0.00080072	0.0018925	0.00100104	0.004494046	0.00359595	0.199867161	2.166999611
Protein RRP5 homolog	PDCD11	1.85102E-05	5.5834E-06	0.000101	9.06E-05	0.000384056	0.000210067	0.112555731	3.504457154
Ribosome biogenesis protein BMS1 homolog	BMS1	0.000199429	0.00026849	7.9539E-05	0.00071298	0.002075247	0.00211917	0.035024404	3.379335939
Ubiquitin carboxyl-terminal hydrolase 10	USP10	0.00025426	0.00029348	0.00087451	0.00033315	0.00212909	0.001289027	0.261194857	2.134958219
Neutral alpha-glucosidase AB	GANAB	0.000103891	0.00014903	0.00036654	0	0.000213083	0.000104967	0.772840129	0.00505353
Centrosomal protein of 85 kDa	CEP85	0.000108135	0.00024364	0.00021458	0	0	0	NaN	NaN
Ras-related protein Rab-39A;Ras-related protein Rab-6A;Ras-related protein Rab-6B	RAB39A;RAB6B;RAB6A	0.001708991	0.00273453	0.0031149	0.00034935	0.001667537	0.001702736	0.194381274	-0.713576227
Importin subunit beta-1	KPNB1	0.004725955	0.00539495	0.00663412	0.00452938	0.006530317	0.003687859	0.703899247	-0.252298032
Carboxypeptidase D	CPD	3.40057E-05	2.5458E-05	6.8616E-05	0	0	0	NaN	NaN
Nuclear mitotic apparatus protein 1	NUMA1	0	1.3627E-05	5.6359E-05	1.2659E-05	0	0	0.320968448	-1.130370937
Proteasome activator complex subunit 4	PSME4	0.043104915	0.04983042	0.05953968	0.04224372	0.042474652	0.043325869	0.667013731	-0.230424607
N-alpha-acetyltransferase 25, NatB auxiliary subunit	NAA25	0.000568021	0.00046979	0.0013794	0.00053169	0.001473594	0.000956849	0.631501495	0.752347004
DnaJ homolog subfamily C member 10	DNAJC10	0.000778748	0.00074434	0.00071036	3.4067E-05	4.86546E-05	0	0.01246023	-4.192428767
Glioma tumor suppressor candidate region gene 2 protein	GLTSCR2	0	0	0	0.0001507	0.000517365	0.000405219	NaN	NaN
Condensin complex subunit 1	NCAPD2	0.0003884	9.9119E-05	0.000387	0	1.52878E-05	0	0.016779645	-4.661892035
Exosome complex component RRP42	EXOSC7	4.65334E-05	0.00019492	0.00037002	0.00234855	0.001523285	0.003018596	0.036435315	3.590791614
116 kDa U5 small nuclear ribonucleoprotein component	EFTUD2	0.001571493	0.00194442	0.00328304	0.00075825	0.00189818	0.001163003	0.177884808	-0.741481351
Lysine--tRNA ligase	KARS	0.002656757	0.00305538	0.00591488	0.00525485	0.009955398	0.0058524	0.16882286	0.937678919
Thioredoxin reductase 1, cytoplasmic	TXNRD1	0	0.00011827	0.00019478	0	0	0	NaN	NaN
Eukaryotic translation initiation factor 4H	EIF4H	0.001875434	0.00201623	0.006764	0.00017794	0.001061866	0.000201928	0.068766529	-3.319743766
Protein disulfide-isomerase A6	PDIA6	0.001331878	0.00151753	0.00210037	0.00024031	0.000581709	0.000435381	0.0388109	-1.801378485
Plectin	PLEC	0.000133143	0.00015685	0.00026482	0.00011608	0.000140904	9.31146E-05	0.277928176	-0.43430016
Non-POU domain-containing octamer-binding protein	NONO	0.001063599	0.00066168	0.00372819	0.00261915	0.010390565	0.003380197	0.169112704	1.668153004
Periodic tryptophan protein 2 homolog	PWP2	0.000126873	0.00015296	0.00038593	0.00131936	0.002100561	0.001130854	0.023487943	3.108636953
Poly(rC)-binding protein 1	PCBP1	0.02411656	0.01461216	0.04738424	0.00676203	0.028119098	0.008626229	0.240862047	-1.483222214
Poly(rC)-binding protein 2;Poly(rC)-binding protein 3	PCBP2;PCBP3	0.007117904	0.0055592	0.01912412	0.00596624	0.01980686	0.012949469	0.683522358	0.86336856
Myosin-9	MYH9	0.00208868	0.00180624	0.00238926	0.00011789	0.000163378	0.000130242	0.01136379	-4.003324815
Splicing factor 3B subunit 3	SF3B3	0.005355951	0.00554423	0.00752836	0.00295189	0.003180107	0.003296466	0.155411882	-0.801911019
Pumilio domain-containing protein KIAA0020	KIAA0020	4.20194E-05	0.00010089	0.00014326	0.00020078	0.002478268	0.00137675	0.084037373	3.770397219
Splicing factor 3B subunit 4	SF3B4	0.000278541	0.00050065	0.00080443	0.00064514	0.00119847	0.000566274	0.294727449	0.36581948
Protein transport protein Sec23B	SEC23B	0.00023962	0.00017891	0.00015782	6.146E-05	0	0	0.030719738	-1.541490164
Splicing factor 3A subunit 1	SF3A1	0.001085153	0.00103672	0.00136524	0.00138666	0.001743882	0.00165976	0.400519022	0.613076176
Helicase SKI2W	SKIV2L	0.000560184	0.00049395	0.00079297	0.000475	0.002023546	0.001498919	0.249471515	1.419949741
RISC-loading complex subunit TARBP2	TARBP2	0.000440818	0.0004776	0.00117828	0.00033082	0.001113593	0.000848019	0.885979964	0.828296773
Splicing factor 1	SF1	0.000136855	0.00026865	0.00024093	0.00012502	0.000444395	0.000228897	0.796157372	-0.073891539
Microtubule-associated protein RP/EB family member 1	MAPRE1	0.00222629	0.00202565	0.00300859	0.00028553	0.001303827	0.000253646	0.06812094	-2.96290203
ELAV-like protein 1	ELAVL1	0.003526985	0.00567225	0.00955795	0.00225598	0.018459437	0.00568046	0.925137592	0.002086643
Protein flightless-1 homolog	FLII	1.15665E-05	2.8825E-05	2.88E-05	0	0	0	NaN	NaN
Ubiquitin-conjugating enzyme E2 variant 2;Ubiquitin-conjugating enzyme E2 variant 1	UBE2V2;TMEM189-UBE2V1;U	0.00162647	0.0013512	0.00306813	0.00041529	0.001358541	0.000132534	0.132938699	-1.969560122
Proteasomal ubiquitin receptor ADRM1	ADRM1	0.237834509	0.22854601	0.31228423	0.07822609	0.063276677	0.087066498	0.048583915	-1.604236244
Coiled-coil domain-containing protein 6	CCDC6	0.000281962	0.00010306	0.00018524	0	0	7.60238E-05	0.078672838	-1.284880406
Lysosome-associated membrane glycoprotein 1	LAMP1	0.000842123	0.00053611	0.00104156	0	0	0	NaN	NaN
DNA damage-binding protein 1	DDB1	0.004525529	0.00500325	0.00744342	0.00305628	0.004567177	0.003548437	0.295985636	-0.495680408
Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit epsilon isoform;Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit beta isoform	PPP2R5E;PPP2R5B	0.000368755	0.00017734	0.00034338	0	9.69154E-05	0	0.034214051	-1.825020782
Hsp90 co-chaperone Cdc37;Hsp90 co-chaperone Cdc37, N-terminally processed	CDC37	0.002548651	0.00195352	0.00450242	0.00192926	0.007622989	0.000263538	0.600678273	-0.401686995
Drebrin	DBN1	0.002293696	0.00212488	0.00193324	0.00165715	0.002666051	0.002514653	0.886456592	0.242976608
Fascin	FSCN1	0.0005152	0.00044361	0.00097123	0	8.61762E-05	0.000136947	0.032311261	-2.245643068
Protein enabled homolog;Ena/VASP-like protein	ENAH;EVL	0.000468928	0.00043943	0.00083651	0	0	0	NaN	NaN
Heterogeneous nuclear ribonucleoprotein U-like protein 2	HNRNPUL2;HNRNPUL2-BSCL	0.004199698	0.00374301	0.00636204	0.00993399	0.016414192	0.012629734	0.076188364	1.588466762
Actin-related protein 2/3 complex subunit 3	ARPC3	0.003364349	0.00218382	0.0019916	0	0	0	NaN	NaN
Sister chromatid cohesion protein PDS5 homolog A	PDS5A	3.61936E-05	8.4639E-05	0.00034757	0.00124776	0.00255381	0.001525207	0.03926199	4.171531847
Pre-rRNA-processing protein TSR1 homolog	TSR1	0.003544508	0.0035279	0.00788803	0.00410944	0.005767938	0.002317788	0.643577565	0.213358178
WD40 repeat-containing protein SMU1;WD40 repeat-containing protein SMU1, N-terminally processed	SMU1	0.000254831	0.00045914	0.00071956	0.00019165	0.000539103	0.000203602	0.351711579	-1.17319496
Prolyl 3-hydroxylase 1	LEPRE1	0.000353079	0.00034994	0.00015602	0.00034184	0.000301751	0.000246402	0.810704987	-0.213757275
MAP7 domain-containing protein 1	MAP7D1	9.55268E-05	8.5115E-05	0.00030334	0.00066889	0.000824286	0.000805978	0.035708825	3.076763017
La-related protein 7	LARP7	0.001034599	0.00076788	0.00208138	0.00194313	0.004679016	0.004313893	0.094333624	2.059918691
Endoplasmic reticulum resident protein 44	ERP44	5.92991E-05	0.00011401	0.00013189	0	0	0	NaN	NaN
Protein FAM98B	FAM98B	0.005386631	0.00297435	0.00396803	0.00340074	0.014470741	0.012907799	0.207999314	1.701746725
Programmed cell death protein 4	PDCD4	0.002776677	0.00350288	0.00670874	0.01175509	0.026888201	0.017769059	0.036801795	2.342754223
Peflin	PEF1	0.000909809	0.0014026	0.00163595	0	0	0	NaN	NaN
Beta-actin-like protein 2	ACTBL2	0.00174163	5.7894E-05	0.00282007	0	0	0.000174154	0.326481841	-3.322002649
Nucleolar MIF4G domain-containing protein 1	NOM1	1.77914E-05	0	3.99E-05	0.00021121	0.000701317	0.000294733	0.029223004	3.467561343
DnaJ homolog subfamily C member 21	DNAJC21	0.000479655	0.00043029	0.00089971	0.00038061	0.000676632	0.000583819	0.856210501	0.283524067
Putative helicase MOV-10	MOV10	0.001167506	0.00155365	0.00293744	0.00223383	0.006735645	0.004225684	0.1463108	1.443525207
PHD finger protein 6	PHF6	0.000259719	0.00024677	0.00025825	8.6413E-05	0.001014532	0.000659098	0.621136479	1.351713471
RRP12-like protein	RRP12	0.001631452	0.0011276	0.00323765	0.00210052	0.004818312	0.002841788	0.252829709	0.800642391
Cytochrome c oxidase assembly factor 6 homolog	COA6	0.000543416	0	0.00119025	0	0	0.000388005	0.159587438	-1.051547216
Syntaxin-binding protein 1	STXBP1	6.71369E-05	2.6914E-05	4.1742E-05	0	0	0	NaN	NaN
PCI domain-containing protein 2	PCID2	0	5.8679E-05	0.00010377	0.0001311	0.000381444	0.000176661	0.13157552	1.178818105
Crooked neck-like protein 1	CRNKL1	6.86093E-05	0.00011224	0.0001765	0.00023425	0.000484014	0.000344952	0.062822938	1.619847273
Proteasome inhibitor PI31 subunit	PSMF1	0.00519757	0.00783482	0.00727738	0.00225458	0.00578977	0.005033006	0.229778111	-0.531998233
Exosome complex component MTR3	EXOSC6	0.01227914	0.00660913	0.01241392	0.02659249	0.044719465	0.028978678	0.055693776	1.238782259
	C8G	0.002172601	0	0	0.00056111	0.000680261	0.000233473	0.027478782	-1.953057433
Heterochromatin protein 1-binding protein 3	HP1BP3	0.000990707	0.00071851	0.00091199	0.00115433	0.002499029	0.001972739	0.133878364	1.113107021
Centrosomal protein of 170 kDa	CEP170	8.76442E-05	0.0001082	0.00022467	0	7.80032E-05	2.23153E-05	0.155779435	-1.374792003

Mitotic-spindle organizing protein 2A;Mitotic-spindle organizing protein 2B	MZT2B;MZT2A	0.000266588	0.0003078	0.00052567	0	0	0	NaN	NaN
Ras-related protein Rab-21	RAB21	0.000214752	0	0.00032634	0	0	0	NaN	NaN
Putative methyltransferase C9orf114	C9orf114	0.000111684	0.00027898	0.00026128	0.00020571	0.000271788	0.000324389	0.484652901	0.056912672
HEAT repeat-containing protein 1;HEAT repeat-containing protein 1, N-terminally processed	HEATR1	8.84335E-06	2.4627E-05	4.2057E-05	5.7309E-05	0.0001039	0.000107382	0.081246294	2.076894573
Cancer-related nucleoside-triphosphatase	NTPCR	0.000158224	0.00011617	0.00057824	0	0.000521892	0.000142681	0.807094357	0.78630381
Probable ATP-dependent RNA helicase DDX27	DDX27	0	0	0	0.00140407	0.003258997	0.00294168	NaN	NaN
Rootletin	CROCC	4.16527E-05	2.1735E-05	0.00427893	3.508E-05	3.89052E-05	5.44017E-05	0.473000556	-0.09844702
Protein angel homolog 2	ANGEL2	0.000108868	0	8.5857E-05	9.9913E-05	0.000246153	0	0.347129355	0.6978536
E3 ubiquitin-protein ligase BRE1A	RNF20	0.000129622	0.00024746	0.00026662	2.5915E-05	4.96109E-05	6.04829E-05	0.031321891	-2.318477969
Hypoxia-inducible factor 1-alpha inhibitor	HIF1AN	0	0.00063766	0.00091725	0	0	0	NaN	NaN
Focadhesin	FOCAD	0.000134884	2.5667E-05	0.0002873	9.0742E-05	0.000222352	0.000108038	0.758767427	-0.320180387
Clathrin interactor 1	CLINT1	0.000189167	0.0002865	0	0	0	0	NaN	NaN
Rho guanine nucleotide exchange factor 2	ARHGEF2	0.000298343	0.00031563	0.00033819	0.00150707	0.001417072	0.003453413	0.022280892	2.2554438
Something about silencing protein 10	UTP3	0	0	0	0.00042204	0.001088868	0.001070061	NaN	NaN
Terminal uridylyltransferase 7	ZCCHC6	0	0.00019263	0.00048868	5.4017E-06	2.99889E-05	0	0.061364102	-4.591340628
Centrosomal protein of 135 kDa	CEP135	2.0552E-05	0	0	0	0	0	NaN	NaN
Microtubule-associated protein 1S;MAP1S heavy chain;MAP1S light chain	MAP1S	0.000110268	2.4103E-05	0.00033545	0	0.000415304	0.00019556	0.337604898	1.36987536
Twinfilin-1	TWF1	0.000461421	0.00032232	0.00061799	0	0	0	NaN	NaN
CWF19-like protein 1	CWF19L1	0.000965681	0.00124055	0.00193031	0.00109735	0.002089712	0.001718898	0.64645338	0.470500565
AP-2 complex subunit alpha-2	AP2A2	5.47492E-05	0	8.5492E-05	0	0	0	NaN	NaN
Condensin-2 complex subunit H2	NCAPH2	0.000565894	0.00084571	0.00154717	0.00195764	0.003929361	0.002224321	0.07716161	1.395124943
Protein SDE2 homolog	SDE2	0.000518128	0.00127248	0.00173395	0.00188647	0.003081395	0.001615169	0.179720423	0.568046176
N-alpha-acetyltransferase 16, NatA auxiliary subunit	NAA16	4.47766E-05	1.5639E-05	0.00033998	5.3574E-05	0.000361474	0.000452828	0.335373653	3.013074991
Zinc finger CCHC domain-containing protein 8	ZCCHC8	0.000501338	0.00055422	0.00050675	0.00062896	0.001176504	0.000985746	0.201837047	0.959944614
Putative ATP-dependent RNA helicase DHX57	DHX57	0.000790281	0.00084099	0.00129245	0.00048862	0.002016046	0.000817019	0.963856738	-0.041722448
Parafibromin	CDC73	0.001023794	0.00080995	0.00128569	7.3239E-05	0.000165227	0.000278064	0.029386424	-2.631404092
Enhancer of mRNA-decapping protein 4	EDC4	0.004989867	0.00077949	0.00215079	0.00744815	0.001649054	0.001088151	0.859611142	-0.383228027
Pre-mRNA-processing-splicing factor 8	PRPF8	0.000822864	0.00090728	0.00166499	0.00079831	0.001348897	0.001186856	0.979114331	0.387533094
La-related protein 4	LARP4	0.001551898	0.00147064	0.00137656	0.00063722	0.004828759	0.003157239	0.584564442	1.102222288
Tetratricopeptide repeat protein 37	TTC37	0.001696227	0.00092168	0.0018893	0.002554	0.004411674	0.002725927	0.118054448	0.684417674
Coiled-coil domain-containing protein 137	CCDC137	7.02273E-05	0	0.00031424	0.00051418	0.001091172	0.000508266	0.114413214	1.791276407
La-related protein 1	LARP1	0.005247061	0.00547639	0.00955795	0.01273988	0.028232946	0.02077305	0.064426904	1.923414641
Biogenesis of lysosome-related organelles complex 1 subunit 3	BLOC1S3	0	0	0.00014214	0	0	0	NaN	NaN
WD repeat-containing protein 82	WDR82	0.00294855	0.00288538	0.00350352	0.00318572	0.003455887	0.003973907	0.739202117	0.229050386
Profilin;Profilin-2	PFN2	0.004239503	0.0032774	0	0	0	0	NaN	NaN
Protein lin-28 homolog B	LIN28B	0.000862501	0	0.0014721	0.00049131	0.001926441	0.00164023	0.96577247	0.541662254
Uncharacterized protein C1orf122	C1orf122	0.000460923	0.00053173	0.00104539	0.00096002	0.002921606	0.00174059	0.107465449	1.710816069
Transcription elongation factor SPT6	SUPT6H	0.001240735	0.00107652	0.00206384	0.00023501	0.000393458	0.000177905	0.025989166	-2.400431656
Staphylococcal nuclease domain-containing protein 1	SND1	0.008894861	0.00911766	0.01819892	0.01623932	0.039826683	0.028402298	0.108617477	1.639272303
Basic leucine zipper and W2 domain-containing protein 1	BZW1	0.001593215	0.00137255	0.00263504	0.00038415	0.001379971	0.000879135	0.145345653	-0.85778434
Eukaryotic translation initiation factor 3 subunit M	EIF3M	0.01577259	0.01423951	0.03199196	0.02817503	0.042903256	0.055005355	0.129251715	1.443667557
7SK snRNA methylphosphate capping enzyme	MEPCE	0	6.263E-05	3.7747E-05	0	0.000291156	5.73654E-05	0.304833583	1.410352287
PHD finger-like domain-containing protein 5A	PHF5A	0.005704288	0.00595111	0.00798009	0.00610375	0.007673082	0.00449927	0.828455679	0.036535167
TRMT1-like protein	TRMT1L	0.000661964	0.00077492	0.00145812	0.00235639	0.005557788	0.003411742	0.041515283	2.13839113
26S proteasome non-ATPase regulatory subunit 7	PSMD7	0.208839996	0.21952266	0.25016897	0.06227705	0.063943692	0.064638302	0.047371008	-1.779495937
Nuclear fragile X mental retardation-interacting protein 2	NUFIP2	9.88579E-05	5.0311E-05	0.00019902	6.3217E-05	0.000462691	0.000476	0.310643882	2.226620871
26S protease regulatory subunit 6B	PSMC4	0.356511029	0.37209254	0.40648461	0.08846208	0.092157887	0.078220232	0.035321373	-2.072530447
Myosin regulatory light chain 12A;Myosin regulatory light chain 12B;Myosin regulatory light polypeptide 9	MYL12A;MYL12B;MYL9	0.001430579	0.00089066	0.00139392	0	0	0	NaN	NaN
Vacuolar protein sorting-associated protein 13B	VPS13B	8.0842E-05	0.00021769	0.00023553	8.4744E-05	0.000235397	0.00030998	0.818692303	0.112814171
Protein PAT1 homolog 1	PATL1	0.000209512	9.2417E-05	0.00041014	0.00019591	0.000320515	0.000144416	0.934826278	-0.096805018
Nucleolar protein 9	NOP9	7.20132E-05	0.00020716	0.00055129	0.00037128	0.00090568	0.000567481	0.190436549	1.453826626
Polyadenylate-binding protein 2	PABPN1	0.002130948	0.00179849	0.00177779	0.00010015	0.001743748	0.000503242	0.173426337	-1.837464306
Zinc finger protein 598	ZNF598	0	0.00011363	0.00027234	0.00012715	0.000474652	0.000358972	0.494829222	1.029014573
	LOC100128510	0.000326582	0.00030416	0.00059305	0.0001819	9.90825E-05	0	0.085974274	-1.282541246
Cullin-associated NEDD8-dissociated protein 1	CAND1	0.011402419	0.00278394	0.01624258	0.00254002	0.002701812	0.002041281	0.122232281	-2.16642816
EF-hand domain-containing protein D2	EFHD2	0.003600605	0.00261028	0.00397918	0	0	0	NaN	NaN
Methyltransferase-like protein 16	METTL16	0	3.5021E-05	5.6652E-05	2.265E-05	2.12936E-05	1.53687E-05	0.129939695	-1.064760183
ATP-dependent RNA helicase DDX42	DDX42	3.66846E-05	0.00015778	0.00011266	0.00024877	0.000828411	0.000600351	0.067687312	2.41384366
Ubiquitin carboxyl-terminal hydrolase isozyme L5;Ubiquitin carboxyl-terminal hydrolase	UCHL5	0.102586496	0.11475976	0.1308704	0.01854002	0.019555056	0.018040697	0.022231095	-2.629902163
Transcriptional repressor p66-alpha;Transcriptional repressor p66-beta	GATAD2A;GATAD2B	0.00010005	0.00013919	0.00040693	0.00014171	0.000161289	8.29929E-05	0.481183676	0.025844911
WD repeat-containing protein 92	HZGJ;WDR92;DKFZp434B156	0.000658325	0.00039003	0.00089019	0.00079935	0.001480559	0.000881258	0.227442477	0.420764464
C2 domain-containing protein 5	C2CD5	7.99854E-05	0	0.00034261	2.9032E-05	0	0	0.108470238	-2.511470711
ELKS/Rab6-interacting/CAST family member 1;ERC protein 2	ERC1;ERC2	9.65401E-05	3.6997E-05	5.7084E-05	0	0.000171803	0	0.042821627	1.589601947
Bifunctional lysine-specific demethylase and histidyl-hydroxylase MINA	MINA	0.000206724	0.00034233	0.00071629	0.00080829	0.001881571	0.001752527	0.075222417	2.355968609
Proteasome-associated protein ECM29 homolog	ECM29;KIAA0368	0.047467809	0.04580341	0.05445155	0.00966371	0.010508833	0.009282446	0.029855714	-2.296300394
3-5 exoribonuclease 1	ERI1	5.95622E-05	0.00059621	0.00089618	0.0005613	0.001083578	0.000814273	0.338790095	0.449689573
Phosphatidylinositol 4-kinase alpha	PI4KA	4.96165E-05	4.3063E-05	8.6235E-05	0	0	0	NaN	NaN
WASH complex subunit FAM21B;WASH complex subunit FAM21C;WASH complex subunit FAM21A	FAM21C;FAM21A;FAM21B	2.78009E-05	0	4.323E-05	0	0	0	NaN	NaN
Coiled-coil domain-containing protein 50	CCDC50	0	0	0	0	0	0	NaN	NaN
Dynein assembly factor 5, axonemal	DNAAF5	0.000105011	0.00010589	0.00018543	0	0	0	NaN	NaN
26S proteasome non-ATPase regulatory subunit 8	PSMD8	0.27044004	0.27629017	0.2692666	0.0473773	0.055778787	0.05661182	0.029071035	-2.2775203
Putative RNA polymerase II subunit B1 CTD phosphatase RPAP2	RPAP2	9.25148E-05	0.00026077	0.00034388	5.9612E-05	0.000130239	0.000125966	0.216291651	-1.049721393
Probable ATP-dependent RNA helicase DHX37	DHX37	0.000284755	0.00015189	3.8164E-05	0.00034212	0.000922784	0.000738234	0.101413257	2.281060792
pre-rRNA processing protein FTSJ3	FTSJ3	0	0	0.00032632	0.00116035	0.003879669	0.001784305	0.023569653	2.450994084
Exocyst complex component 8	EXOC8	0.00014102	0.00012257	0.00034262	3.8642E-05	8.21259E-05	0	0.112864772	-1.323820626
5-3 exoribonuclease 1	XRN1	0.000855111	0.00096403	0.00138698	0.00073477	0.001239308	0.000718469	0.629511796	-0.391780458
Spartin	SPG20	0.002033759	0.00198398	0.00216869	0.00078144	0.000876361	0.000746802	0.086719928	-1.379934335
Tetratricopeptide repeat protein 5	TTC5	0.000203079	4.3815E-05	9.3004E-05	0	7.74929E-05	0	0.695166417	-0.26322708
Cell cycle and apoptosis regulator protein 2	CCAR2	0.000255722	0.00017284	0.00047753	5.3992E-05	0.000161825	4.14585E-05	0.091613737	-2.24374803
Leucine-rich repeat-containing protein 47	LRRC47	0.003799127	0.00372982	0.00968216	0.00526313	0.019486747	0.009025996	0.264035286	1.248418199
Activating signal cointegrator 1 complex subunit 3	ASCC3	0.000329929	0.00032055	0.00071488	0.00030524	0.000905667	0.0004524	0.712735654	0.455443336
MAGUK p55 subfamily member 5	MPP5	0	0	0	0	0	0	NaN	NaN
Cohesin subunit SA-2	STAG2	0.000187907	0.00030438	0.00068016	0.00058779	0.001756205	0.000936773	0.124774186	1.621844888
COMM domain-containing protein 1	COMMD1	0	0	0.00030942	0	0	0	NaN	NaN
Protein KRI1 homolog	KRI1	0.000162042	0.00011635	0.0012476	0.0009251	0.004524049	0.002788239	0.110874611	4.104914528
Procollagen galactosyltransferase 1	COLGALT1	0.000107832	0.00027579	0.0001723	0	0	5.23824E-05	0.03289752	-1.717760262
Plasminogen activator inhibitor 1 RNA-binding protein	SERBP1	0.065211063	0.10223595	0.16710202	0.17605763	0.390980565	0.361172232	0.083938674	1.820784429
Angiomotin	AMOT	0.000336245	0.00022569	0.00038418	0	0	0	NaN	NaN
Protein SMG8	SMG8	0	0	0.00016117	8.8025E-05	0.000186737	0.000160002	0.571755754	-0.010448531
ATP-binding cassette sub-family F member 1	ABCF1	0.003076027	0.00324108	0.00390291	0.00239047	0.005174589	0.004351475	0.778311282	0.425031657
SHC SH2 domain-binding protein 1	SHCBP1	0.00025828	9.0597E-05	0.00027423	0.00011565	0.00017412	0	0.618971572	-0.864024811
F-box only protein 22	FBXO22	0.004135875	0.00453774	0.00656133	0.00324066	0.005495372	0.003790867	0.602918131	-0.259445154
N-acylneuraminate cytidylyltransferase	CMAS	0.000185864	0.00020534	0.00029389	0.00012994	0.000604479	0.000408879	0.510345196	0.993666304
THO complex subunit 2	THOC2	0.000330523	0.00016649	0.00040819	0.00013918	0.000371613	0	0.700345689	-0.53936386
WD repeat-containing protein 36	WDR36	8.6922E-05	0.00014149	0.00040413	0.00069162	0.001856123	0.001265446	0.048219332	3.160822966
WD repeat-containing protein 48	WDR48	0.000231083	0.00029381	0.00038931	0.00040982	0.000664711	0.000569779	0.180952377	0.95550422
Kelch domain-containing protein 4	KLHDC4	0.001978278	0.00116644	0.00242333	0.00244423	0.003354362	0.00119188	0.656551634	0.305134281
V-type proton ATPase subunit a;V-type proton ATPase 116 kDa subunit a isoform 2	ATP6V0A2	0.012775725	0.01400188	0.017334	0.03175724	0.035353129	0.047691559	0.086338029	1.33621695
Protein bicaudal D homolog 2	BICD2	0	0	0	0	0	0	NaN	NaN
ATP-dependent RNA helicase DDX54	DDX54	0.000518525	0.00062707	0.00101562	0.00220201	0.005806646	0.004213611	0.026642267	2.748358725
Ribosome biogenesis protein BRX1 homolog	BRIX1	0.000509646	0.00076181	0.00268298	0.00624469	0.011203975	0.009834485	0.038752315	3.690340693
D-tyrosyl-tRNA(Tyr) deacylase 1	DTD1	0.000650543	0.0009865	0.00247383	0.00173821	0.003093449	0.002687372	0.179467203	1.445810934
Gem-associated protein 5	GEMIN5	0.001907737	0.00208332	0.00364919	0.00246079	0.005937772	0.004404829	0.232299681	1.080198095
Dynein light chain roadblock-type 1;Dynein light chain roadblock-type 2	DYNLRB1;DYNLRB2	0.000614825	0.00122077	0.00293826	0.00193055	0.002818741	0.00241106	0.267717892	0.981878503
DIS3-like exonuclease 1	DIS3L	0	0	3.6233E-05	0	0.000103701	9.41817E-05	0.057805432	1.447582144
Nucleolar complex protein 3 homolog	NOC3L	0.000189867	9.8173E-05	0.00048751	0.00099259	0.003760464	0.002387888	0.045084424	3.652674087
Zinc finger CCCH domain-containing protein 15	ZC3H15	0.002969208	0.002179	0.0067418	0.00546955	0.007756124	0.007719599	0.156603815	1.378447747
Peptidyl-prolyl cis-trans isomerase-like 4	PPIL4	0.001598813	0.00207317	0.00259046	0.00206461	0.002760745	0.002556713	0.648122269	0.302451104

General transcription factor 3C polypeptide 2	GTF3C2	0.000155475	0.00010909	0.00071827	0	1.29349E-05	3.89465E-05	0.086600312	-2.79222942
Programmed cell death 6-interacting protein	PDCD6IP	0.002295824	0.00083125	0.00135967	1.0094E-05	0.000204096	7.58933E-05	0.052891356	-4.163138083
Ubiquitin carboxyl-terminal hydrolase 15	USP15	0.002578379	0.00224788	0.0027155	0.00029451	0.000260859	0.000291539	0.015894364	-3.144703548
26S protease regulatory subunit 6A	PSMC3	0.000609002	0.00094452	0.00066804	0	0	0	NaN	NaN
Probable tRNA pseudouridine synthase 1	TRUB1	7.52883E-05	4.4297E-05	0.00032534	0	0.00029267	0.000108441	0.564743734	1.242595008
Negative elongation factor B	NELFB	0.000588848	0.00091344	0.00123363	0.00134301	0.0019985	0.001339071	0.193026949	0.556085521
Mitotic spindle assembly checkpoint protein MAD1	MAD1L1	0.000165485	0	0.00012045	0	0	0	NaN	NaN
Laforin, isoform 9	EPM2A	0	0	0	0.00041241	0.000896385	0.000536773	NaN	NaN
Paraspeckle component 1	PSPC1	0.000818833	0.00095995	0.00206229	0.00054251	0.002201685	0.002010515	0.825432152	1.066533931
DnaJ homolog subfamily C member 9	DNAJC9	0.001339996	0.00136188	0.00283542	0.00113734	0.004738886	0.002591958	0.536955911	0.92844699
Microprocessor complex subunit DGCR8	DGCR8	0	0	6.7755E-05	0	0.000110343	7.03067E-05	0.426694203	0.378465278
Titin	TTN	2.36267E-05	4.3766E-05	5.0733E-05	9.203E-05	0.000163646	0.000127031	0.053437541	1.537284983
ATP-dependent RNA helicase DDX1	DDX1	0.008093719	0.00955784	0.01667184	0.01647476	0.030808588	0.024248856	0.126074371	1.343160919
Histone H1x	H1FX	0.001993898	0.00217555	0.00266362	0.00200312	0.004635486	0.003980722	0.316833259	0.871651937
Heat shock protein 105 kDa	HSPH1	0.000183843	0.0001768	0.00042949	7.6688E-05	2.41224E-05	0	0.070398299	-2.095718955
Cell differentiation protein RCD1 homolog	RQCD1	0.000163879	0.0004095	0.00065994	0.00032154	0.000675614	0.000318976	0.778239452	-0.348882845
	PSMC1	0.00527774	0.00435308	0.00606768	0.00016712	0	0	0.005031315	-4.980929447
La-related protein 4B	LARP4B	0.000786194	0.00071466	0.0013382	0.0011382	0.004173531	0.002560023	0.12491738	1.703199513
Translational activator GCN1	GCN1L1	0.002115049	0.00239276	0.00486218	0.00439822	0.012202221	0.008023561	0.106089326	1.745569386
Pre-mRNA-splicing factor ATP-dependent RNA helicase PRP16	DHX38	0.000470099	0.0007441	0.00080194	4.1895E-05	0.000431899	0.000145328	0.118756781	-2.356185767
Acidic leucine-rich nuclear phosphoprotein 32 family member B	ANP32B	0.023716269	0.0234429	0.04565257	0.03154975	0.036752789	0.035476585	0.677121627	0.580990076
Spermatogenesis-associated serine-rich protein 2	SPATS2	0	0	0	0.00015763	0.000346044	0.000220173	NaN	NaN
DNA repair protein RAD50	RAD50	0.000470378	0.00068676	0.00141191	0.0009088	0.001935013	0.001110388	0.279969517	0.693190165
Regulator of nonsense transcripts 1	UPF1	0.000912384	0.00082212	0.00151329	0.00125571	0.002470634	0.001669555	0.227438606	0.871750569
COP9 signalosome complex subunit 5	COPS5	0.000591703	0.00047124	0.00080567	0.00039696	0.000582192	0.000148544	0.231170935	-0.575890473
G patch domain and KOW motifs-containing protein	GPKOW	0.001315922	0.00192945	0.00196237	0.00046316	0.000984222	0.00068192	0.090586895	-1.500512264
Transportin-1	TNPO1	0.000386323	0.0002824	0.00041177	0.00035437	0.000262024	0.000198053	0.433641791	-0.560108611
Ribosomal RNA small subunit methyltransferase NEP1	EMG1	0.000776341	0.00160327	0.0028893	0.01115411	0.015090877	0.014886769	0.019779448	3.214944958
Probable ubiquitin carboxyl-terminal hydrolase FAF-X	USP9X	0.001392621	0.00124924	0.00189762	0.00076406	0.000885402	0.000731633	0.163010707	-0.866044844
Ubiquitin carboxyl-terminal hydrolase 7;Ubiquitin carboxyl-terminal hydrolase	USP7	0.002377505	0.00252528	0.00279532	0.00463452	0.00311729	0.007979165	0.160752507	0.875976876
60S ribosomal protein L36a-like	RPL36AL	0.067411264	0.05684078	0.12841355	0.1045455	0.25434966	0.05329374	0.539480018	0.633069424
Exocyst complex component 4	EXOC4	0.000160665	0.00023903	0.00054059	0.00014578	0.000195256	0	0.350404221	-0.502627188
Protein mago nashi homolog 2	MAGOHB	0.001301814	0.00170114	0.00435236	0.00138021	0.004384351	0.002815305	0.729900387	0.726788503
Exosome complex component RRP43	EXOSC8	0.003956948	0.00398849	0.00501927	0.00723249	0.013086216	0.01026015	0.107044675	1.363139066
FK506-binding protein 15	FKBP15	9.36457E-05	7.4337E-05	0.00012987	0	0	0	NaN	NaN
Coiled-coil domain-containing protein 124	CCDC124	0.02271918	0.02149691	0.04614303	0.05766059	0.131127362	0.085674228	0.062895896	1.914950522
DDB1- and CUL4-associated factor 8	DCAF8	0.000171437	0.00012811	0.00021617	0	0	0	NaN	NaN
BTB/POZ domain-containing protein KCTD12	KCTD12	0.00099289	0	0.00088286	0.00126184	0.000456423	0	0.710710706	-0.302993118
U5 small nuclear ribonucleoprotein 40 kDa protein	SNRNP40	0.000311852	0.00040468	0.00061185	0.00079847	0.001093248	0.00080849	0.130196925	0.998451944
Enhancer of mRNA-decapping protein 3	EDC3	0.000583193	0.00047846	0.00086436	0.00060086	0.001471585	0.000727018	0.392892074	0.318017681
tRNA (adenine(58)-N(1))-methyltransferase catalytic subunit TRMT61A	TRMT61A	0.000976934	6.7082E-05	0.00124852	0	0.006603983	0.000125071	0.725852917	-0.104255192
Protein LTV1 homolog	LTV1	0.003151103	0.00457814	0.01034889	0.00215202	0.009925262	0.006910914	0.995343347	0.594114
Target of EGR1 protein 1	TOE1	0.00286838	0.00157804	0.00408092	0.00157383	0.000736609	0.000692824	0.086682022	-1.961265234
Zinc finger CCCH-type antiviral protein 1-like	ZC3HAV1L	0.002047083	0.00169203	0.00117947	0.00157889	0.001330547	0.001068387	0.603838862	-0.346739086
Alpha-soluble NSF attachment protein	NAPA	0	8.8509E-05	0.00012176	0	0	0	NaN	NaN
Putative RNA-binding protein Luc7-like 2	LUC7L2	0.000859198	0.00085539	0.00139291	0.00021143	0.000642879	0.000129785	0.087857511	-2.022824186
Serine/threonine-protein phosphatase 1 regulatory subunit 10	PPP1R10	0	0	0	0.00011407	0.000188063	8.47142E-05	NaN	NaN
Importin-7	IPO7	4.31822E-05	2.3171E-05	3.1312E-05	0	0	0	NaN	NaN
Palladin	PALLD	0.000359708	0.00055081	0.00047627	0	0	0	NaN	NaN
Exocyst complex component 2	EXOC2	9.59915E-05	4.2289E-05	0.00013902	3.4216E-05	4.32368E-05	3.4207E-05	0.119475989	-1.488235549
Zinc finger RNA-binding protein	ZFR	0.000375994	0.00062392	0.00188054	0.00258754	0.006335302	0.004955506	0.064031402	2.989601727
Sodium channel and clathrin linker 1	SCLT1	0.000552973	0.00037771	0.00052786	0	0	0	NaN	NaN
E3 SUMO-protein ligase RanBP2	RANBP2	0	1.1198E-05	1.5916E-05	0	0	0	NaN	NaN
DNA replication licensing factor MCM7	MCM7	4.34632E-05	0	3.2196E-05	0	0	0	NaN	NaN
Probable 28S rRNA (cytosine-C(5))-methyltransferase;Putative methyltransferase NSUN5C	NSUN5;NSUN5P2	0.000169723	0.00018292	0.00044322	0.00036323	0.001240567	0.00081883	0.11395936	2.162382684
RNA-binding protein 14	RBM14	0.000339111	0.0006326	0.00100292	0.00057948	0.002005867	0.000792542	0.366871589	0.325200677
Transgelin-2	TAGLN2	0.016187437	0.01219198	0.01417207	0.00046641	0.000505498	0.000508227	0.008774896	-4.809201404
Vacuolar protein sorting-associated protein 35	VPS35	0.002884783	0.00167947	0.00296858	0.00011179	0.001248255	0.000546042	0.109089938	-2.401378972
Transcriptional activator protein Pur-beta	PURB	0.000627197	0.00065011	0.00205032	0.00076519	0.002363751	0.001648583	0.45201973	1.342470772
NudC domain-containing protein 1	NUDCD1	0.000398393	0.00017548	0.00043615	0.00010852	0.00025964	0	0.273042786	-1.246955492
ATPase WRNIP1	WRNIP1	0.006892845	0.00942782	0.00778245	0.00453368	0.006111758	0.004880732	0.269600196	-0.673126125
SRSF protein kinase 1	SRPK1	0.005034151	0.00597268	0.01187688	0.01315809	0.028266431	0.017648914	0.082867759	1.56312932
Spermatid perinuclear RNA-binding protein	STRBP	3.71442E-05	0.00015421	0.00017171	0.00036224	0.000872356	0.000782689	0.061535611	2.343514781
Proteasome subunit beta type-7	PSMB7	1.03073564	1.11891552	1.06986939	1.44525077	1.198202542	1.294596437	0.605187296	0.27506775
Cell division cycle 5-like protein	CDC5L	0.002172321	0.00050571	0.00495452	0.01535774	0.021265453	0.012597021	0.062747506	2.821656533
26S protease regulatory subunit 7	PSMC2	0.595342067	0.57106668	0.59384419	0.12275439	0.137099691	0.131981307	0.034639846	-2.169750836
Synaptic vesicle membrane protein VAT-1 homolog	VAT1	0.000875546	0	0	0	0	0	NaN	NaN
DnaJ homolog subfamily C member 2;DnaJ homolog subfamily C member 2, N-terminally processed	DNAJC2	0.002571884	0.00248927	0.00394429	0.00570177	0.013224575	0.010303963	0.059511086	2.002301839
Ribonucleases P/MRP protein subunit POP1	POP1	0.000492537	0.0004832	0.0014068	0.00124346	0.003126264	0.002434232	0.101105834	2.305162663
Protein S100-A13	S100A13	0.001914791	0.00073873	0.00248059	0	0.001051727	0.001609717	0.77943193	-0.557403259
Eukaryotic translation initiation factor 3 subunit C;Eukaryotic translation initiation factor 3 subunit C-like protein	EIF3C;EIF3CL	0.010710447	0.00842406	0.01924468	0.02124604	0.042488046	0.031515919	0.089037401	1.55706204
Tetratricopeptide repeat protein 1	TTC1	0.000519136	0.00025075	0.00078035	0.00017967	0.00036809	0.000319482	0.257551083	-0.700377886
3-hydroxyacyl-CoA dehydrogenase type-2	HSD17B10	0.000175999	0.00020575	0.00050501	0.0002495	0.001902332	0.000852575	0.211211887	2.050955357
T-complex protein 1 subunit eta	CCT7	0.002536502	0.0018322	0.00209179	0.00388099	0.002633503	0.00375056	0.256654294	0.842368689
A-kinase anchor protein 9	AKAP9	0.000248315	0.00037209	0.00025244	8.9865E-05	9.22182E-05	0	0.073870511	-1.471479545
UDP-glucose:glycoprotein glucosyltransferase 1	UGGT1	0.000145476	0.00014085	9.6657E-05	0	0	0	NaN	NaN
Glutamate-rich WD repeat-containing protein 1	GRWD1	0.003492106	0.00292421	0.00600859	0.00462055	0.011089324	0.007500341	0.171919045	1.102858837
Methylosome protein 50	WDR77	0.001430243	0.0014876	0.00211252	0.00064425	0.003121442	0.002182261	0.987121394	0.552840886
Myb-binding protein 1A	MYBBP1A	0.000904882	0.00086635	0.00193068	0.00385293	0.008497877	0.005494499	0.030391439	2.602186362
Coronin-1B	CORO1B	0.008596462	0.00945504	0.00827765	0.00029824	0.00175366	0.001299659	0.036197466	-2.725609876
Partner of Y14 and mago	WIBG	0.014202217	0.016622	0.03285506	0.02527012	0.056543577	0.044058027	0.144828697	1.406310562
Serine/threonine-protein kinase RIO1	RIOK1	0.001054305	0.00117052	0.00114979	0.00068758	0.001723122	0.001030572	0.897526078	-0.157918814
Protein LLP homolog	LLPH	0.000403275	0.00069759	0.00120522	0	0.001911172	0	0.063867983	1.454002222
Protein pelota homolog	PELO	0.001132068	0.00092053	0.00243675	0.0009269	0.002829188	0.00183949	0.662064217	0.700345214
Sorting nexin-27	SNX27	0.000742526	0.00058267	0.00051777	0	0	0	NaN	NaN
Extended synaptotagmin-1	ESYT1	3.96428E-05	8.3526E-05	7.3409E-05	0	1.99421E-05	0	0.029801397	-1.88014747
Mini-chromosome maintenance complex-binding protein	MCMBP	0.000114998	6.2893E-05	0.00039108	0.000113	0.000169459	0	0.976854268	0.267039897
Acidic leucine-rich nuclear phosphoprotein 32 family member E	ANP32E	0.003700314	0.00610929	0.00784665	0.00275783	0.00313122	0.003103495	0.163890635	-0.977109723
WD repeat-containing protein 18	WDR18	0.000785354	0.00081142	0.0022877	0.00151244	0.002996343	0.00186568	0.229713101	1.20118079
Tubulin beta-2B chain	TUBB2B	0.000249255	0.00013695	0.00019177	0.00025123	0.000638526	0	0.161175522	1.062486746
U3 small nucleolar RNA-associated protein 14 homolog A	UTP14A	3.46305E-05	0	0.00012916	0.00021932	0.000390766	0.000198948	0.107539069	1.713382397
Oxysterol-binding protein 1	OSBP	8.20849E-05	0	0.00010604	0	0	0	NaN	NaN
Guanine nucleotide-binding protein-like 3	GNL3	0.004443063	0.00431153	0.00693908	0.0072183	0.020894443	0.009365787	0.1209767	1.07584563
Serine/threonine-protein kinase RIO2	RIOK2	0.000151282	0.00029843	0.0006466	0	0.0001476	0.000172877	0.287926115	-0.90167324
Kinesin-like protein KIFC1	KIFC1	0	0	5.3221E-05	0	0.000122404	2.67627E-05	0.931827283	0.104897485
RNA-binding protein 4;RNA-binding protein 4B	RBM4;RBM4B	0.004266767	0.00317816	0.00776665	0.00233554	0.008549711	0.004537241	0.921703351	0.088671962
Splicing factor 3B subunit 5	SF3B5	0.000848337	0	0	0	0	0	NaN	NaN
GTP-binding protein 2	GTPBP2	8.95812E-05	0.00012291	0.00020832	9.7018E-05	0.000273409	0.000346957	0.362564427	1.153411485
N-alpha-acetyltransferase 15, NatA auxiliary subunit	NAA15	0.000773486	0.00057257	0.00277012	0.00020043	0.000918257	0.000566566	0.275672064	-0.449131152
Serrate RNA effector molecule homolog	SRRT	0.004901075	0.0060626	0.01193534	0.00242197	0.004805454	0.002901178	0.117466578	-1.063297349
Queuine tRNA-ribosyltransferase	QTRT1	0.00014476	0.00036639	0.00062587	0.00048316	0.000914507	0.000659819	0.206352982	0.848698069
Fanconi anemia group D2 protein	FANCD2	0.000493842	0.00047064	0.0014204	0.0019428	0.004264074	0.003299581	0.054061991	2.74016139
Eukaryotic translation initiation factor 2A;Eukaryotic translation initiation factor 2A, N-terminally processed	EIF2A	0.002293808	0.00271559	0.00568098	0.00532301	0.013361193	0.008199396	0.105704238	1.594253555
MKI67 FHA domain-interacting nucleolar phosphoprotein	NIFK	0	0	0.00060386	0.00042675	0.001449485	0.003453997	0.274504664	1.26324722
Nucleolar GTP-binding protein 1	GTPBP4	0.001957955	0.00292589	0.00489771	0.00720206	0.019603273	0.015669555	0.047843143	2.421018252
WD repeat-containing protein 11	WDR11	0.000246579	0.00025825	0.00035243	0.00014376	0.000135412	9.81151E-05	0.110400772	-0.931435101
Regulator of nonsense transcripts 3B	UPF3B	0.000210396	0.00049954	0.00188446	0.00102327	0.003538795	0.002752994	0.172045359	2.462332244
Ubiquitin-like protein 5	UBL5	0.009277237	0.00788517	0.00952324	0.00555502	0.008911346	0.007485737	0.586542698	-0.309550835
Protein phosphatase 1 regulatory subunit 12C	PPP1R12C	0.000370048	0.0001741	0.00095077	0.00046462	0.001454843	0.001424048	0.221442608	1.944213452

Protein dpy-30 homolog	DPY30	0.003687661	0.00359573	0.00505316	0.00303134	0.00506717	0.004712881	0.945924794	0.353903216
Ribosome biogenesis protein WDR12	WDR12	0.001037958	0.00073716	0.00173084	0.00320733	0.006142163	0.004008957	0.041526588	1.949478876
PITH domain-containing protein 1	PITHD1	0.001088736	0.00139569	0.00220431	0	0.000202395	0.000113268	0.018063592	-3.204446538
DNA-directed RNA polymerase I subunit RPA49	POLR1E	0.003361438	0.00631362	0.00874171	0.00309778	0.003575227	0.003172038	0.197326435	-0.993057149
Protein FAM192A	FAM192A	0.018504647	0.01792945	0.01772765	0.01078858	0.027965069	0.015314964	0.836015825	-0.227388936
N-acetyltransferase 10	NAT10	0.000297979	0.00050316	0.00100566	0.00155341	0.004428684	0.002761172	0.053047494	2.456188751
5-3 exoribonuclease 2	XRN2	0.000368021	0.00027598	0.00129007	0.00077171	0.003419992	0.002058417	0.151414025	2.48367528
Probable ATP-dependent RNA helicase DDX47	DDX47	0.000537588	0.00153177	0.0018925	0.00053224	0.004682632	0.00171699	0.68326833	0.164681948
Activating signal cointegrator 1 complex subunit 2	ASCC2	0.000330333	0.0007627	0.00913152	0.00027846	0.001391757	0.000902463	0.609321719	0.24274641
Peptidyl-prolyl cis-trans isomerase-like 3;Peptidyl-prolyl cis-trans isomerase	PPIL3	0.000130433	0.00067572	0.00131482	0.00027865	0.000948889	0.000843482	0.802876187	0.31992105
ATP-dependent RNA helicase DHX36	DHX36	0.001854831	0.00178708	0.00130523	0.00141106	0.00196689	0.000519326	0.421933514	-0.340824239
5-AMP-activated protein kinase catalytic subunit alpha-1	PRKAA1	0.000229179	0.00016801	0.00024009	0	0	0	NaN	NaN
Golgi resident protein GCP60	ACBD3	0	0	0.00010038	0	0	0	NaN	NaN
Probable serine carboxypeptidase CPVL	CPVL	0	6.3252E-05	4.9047E-05	0	0	0	NaN	NaN
Charged multivesicular body protein 4b	CHMP4B	0.001453253	0.00012408	0.00244826	0	0	0.00013683	0.158327812	-3.408829406
Sentrin-specific protease 3	SENP3;SENP3-EIF4A1	0.000271302	0.00015169	0.00072572	0.00024039	0.001109026	0.000691929	0.391482435	1.350724325
Protein LSM12 homolog	LSM12	0	0	0	0	0.000831652	0.000593068	NaN	NaN
Probable ATP-dependent RNA helicase YTHDC2	YTHDC2	0.0014261	0.00136784	0.00254398	0.00202516	0.004533424	0.003541038	0.165717492	1.312097177
RNA polymerase II-associated protein 3	RPAP3	0.000690012	0.00070714	0.00106905	0.00048417	0.001496899	0.001164521	0.695421255	0.719670922
Ribosome production factor 2 homolog	RPF2	0.000111544	0	0	0.00029706	0.000811642	0	0.073398912	2.138186026
UPF0488 protein C8orf33	C8orf33	0.020173553	0.0066062	0.0286017	0.02228995	0.04271976	0.029621264	0.24116138	0.554168008
Phosphorylated adapter RNA export protein	PHAX	0.004468816	0.00390736	0.00709444	0.00033618	0.005231781	0.001884549	0.22494076	-1.245673337
5-nucleotidase domain-containing protein 2	NT5DC2	0.000472915	0.00080722	0.00091698	0	0.000162227	0	0.017732656	-2.314953329
CCR4-NOT transcription complex subunit 10	CNOT10	0.000139066	0.00013847	0.00030656	0.001373	0.000291919	0.000196768	0.801469075	0.500725876
DNA-directed RNA polymerase I subunit RPA2	POLR1B	0.000531525	0.00053997	0.00171267	0.00044244	0.001081756	0.000827826	0.890382588	0.616456321
Regulator of nonsense transcripts 2	UPF2	0	0	0	0	0	0	NaN	NaN
Exportin-5	XPO5	0.000104468	9.5207E-05	0.00019832	4.2978E-05	8.90465E-05	0	0.172741107	-0.75591056
Calcyclin-binding protein	CACYBP	0.02672881	0.00275788	0.02308704	0.03082299	0.020039914	0	0.488912943	0.106358258
Echinoderm microtubule-associated protein-like 4	EML4	4.77315E-05	3.1591E-05	0.00017299	0.00017542	0.000741753	0.000707312	0.082348163	3.889333158
GPN-loop GTPase 1	GPN1	0.001514388	0.00109254	0.0005909	0.00086044	0.004016019	0.003700711	0.217550468	1.760121657
Pre-mRNA-splicing factor SYF1	XAB2	0.000244989	0.00012391	0.00021126	6.5014E-05	0.0003023	9.12589E-05	0.448735965	-1.210989293
RNA polymerase II subunit A C-terminal domain phosphatase SSU72	SSU72	0.000116521	0.00020036	0.00045325	0	0.000347946	0.000260189	0.587522986	0.586645982
Exosome complex component RRP41	EXOSC4	0.005064942	0.00469538	0.00710211	0.00480514	0.011221119	0.006977899	0.484727707	0.462246967
Small subunit processome component 20 homolog	UTP20	0	0	0	0	9.39701E-05	6.39801E-05	NaN	NaN
Exosome complex component RRP40	EXOSC3	0.003645224	0.00547451	0.00826359	0.00511498	0.017523205	0.010484081	0.248965885	0.937398395
Nucleolar protein 6	NOL6	0	0	0	0.00013833	0.000217918	0.00023727	NaN	NaN
Procollagen-lysine,2-oxoglutarate 5-dioxygenase 3	PLOD3	0.000144821	0.00017542	0.00021235	0	0	0	NaN	NaN
Nucleolar RNA helicase 2	DDX21	0.017275221	0.01887889	0.04400859	0.04265656	0.096760022	0.074639276	0.090598432	1.983161355
DNA polymerase epsilon subunit 4	POLE4	0	0.00071828	0.002274	0.00037226	0.001580611	0.001124116	0.626606185	-0.185130687
Translation initiation factor eIF-2B subunit gamma	EIF2B3	0.000469567	0.00038921	0.00077843	0.00093432	0.001633919	0	0.120717983	1.395761176
RNA-binding protein PNO1	PNO1	0.003858415	0.00432618	0.00874463	0.00317744	0.006721983	0.004508616	0.717472764	0.059590948
Phenylalanine--tRNA ligase beta subunit	FARSB	0.011231665	0.01345965	0.02301854	0.03084341	0.057079332	0.046464804	0.06997851	1.787497856
Sister chromatid cohesion protein PDS5 homolog B	PDS5B	8.72915E-05	9.6419E-05	0.00015992	0.00035484	0.000783086	0.000511284	0.031536577	2.406737003
Midasin	MDN1	9.58963E-05	0.0001173	0.00036086	9.8109E-05	0.000360041	0.000122366	0.973426499	0.060962843
Zinc finger CCHC domain-containing protein 3	ZCCHC3	6.23166E-05	0	0	0	0	0	NaN	NaN
Gamma-taxilin	TXLNG	0.002698578	0.00239736	0.00391259	0.00439671	0.006742744	0.004625645	0.192877584	0.777455161
Exocyst complex component 1	EXOC1	0.000165093	0.00012745	0.00029107	0.00010478	0.000118315	9.16152E-05	0.193717918	-0.655929353
Fanconi anemia group I protein	FANCI	0.000965066	0.0028747	0.00196447	0.00147116	0.002182264	0.001571921	0.94637609	-0.321612891
Protein asunder homolog	ASUN	0.000170938	0.00013305	0.00011434	4.8916E-05	5.56569E-05	0	0.100550433	-1.350433529
ATP-dependent RNA helicase DDX18	DDX18	0.000304428	0.00026053	0.00026446	0.00089495	0.00187608	0.001557025	0.029935092	2.557654309
RNA-binding protein 28	RBM28	0.000297122	0.00035383	0.00152041	0.00290598	0.005665609	0.003577841	0.049956273	3.337977305
PDZ and LIM domain protein 7	PDLIM7	0	5.5057E-05	6.7142E-05	0	0	0	NaN	NaN
Probable tRNA(His) guanylyltransferase	THG1L	0	0.00032996	0.00072289	0.00109488	0.002793158	0.001253899	0.104531985	1.360319785
Gem-associated protein 8	GEMIN8	0.000169645	0.00040248	0.00128121	0.00135623	0.002310041	0.001972739	0.111822769	2.293207511
H/ACA ribonucleoprotein complex subunit 2	NHP2	0.000754843	0.00104179	0.00275459	0.0045368	0.003385034	0.00493136	0.075588897	2.122611747
Cell growth-regulating nucleolar protein	LYAR	0.0022928	0.00290663	0.00594337	0.01223136	0.018742047	0.014397624	0.03541741	2.308413393
	MROH2A	6.16896E-05	6.4492E-05	4.6865E-05	0	0	0	NaN	NaN
CDKN2A-interacting protein	CDKN2AIP	0.000192364	0.00016669	0.00083461	0.00147546	0.004229116	0.002538214	0.049847866	3.721902974
Telomeric repeat-binding factor 2-interacting protein 1	TERF2IP	0.000581122	0.00081142	0.00165723	0.00088346	0.001452566	0.000953052	0.6971064	0.232106069
Cyclin-dependent kinase inhibitor 2A	CDKN2A	0	0.00040685	0.00034841	0	0	0	NaN	NaN
Constitutive coactivator of PPAR-gamma-like protein 1	FAM120A	0.001665099	0.00193311	0.00449995	0.00307735	0.00978677	0.005932431	0.16170704	1.617699682
Insulin-like growth factor 2 mRNA-binding protein 1	IGF2BP1	0.017671033	0.01892599	0.04328614	0.03985809	0.102262225	0.076732548	0.096589948	2.019469742
26S proteasome non-ATPase regulatory subunit 11	PSMD11	0.366364349	0.37153774	0.38395287	0.0628533	0.06956644	0.065424983	0.025157691	-2.505595203
Calmodulin-like protein 5	CALML5	0.004487403	0.01579085	0.00849155	0.00325528	0.006455311	0.008408334	0.420218416	-0.395541657
PRKC apoptosis WT1 regulator protein	PAWR	0.000484683	0.00050179	0.00060669	0	0	0	NaN	NaN
Akirin-1	AKIRIN1	0.000991378	0.00082212	0.00093442	0	0	0	NaN	NaN
Thyroid transcription factor 1-associated protein 26	CCDC59	0.000527864	0.0003328	0.00059226	0.00094998	0.001823844	0.000409113	0.245512228	0.847724788
E3 ubiquitin-protein ligase RNF181	RNF181	0.029438473	0.02628703	0.02907297	0.01450841	0.020586384	0.021487684	0.287671713	-0.497988265
Protein RCC2	RCC2	0.000937073	0.00090608	0.00169504	0.00030677	0.002414781	0.001006348	0.756054013	0.102895936
Disco-interacting protein 2 homolog B	DIP2B	0.000192095	0.0001471	0.00023694	0.00011326	0.000287151	0.000164079	0.846621217	-0.227429364
Leucine--tRNA ligase, cytoplasmic	LARS	0.003229929	0.00367958	0.00735044	0.00439295	0.01081716	0.007683575	0.260558976	1.062237796
Ataxin-10	ATXN10	0.00132208	0.00114121	0.00211444	0.00058766	0.00152208	0.000649927	0.196360109	-1.02445989
26S proteasome non-ATPase regulatory subunit 4	PSMD4	0.000511874	0.00055145	0.00045258	0	0	0	NaN	NaN
ATP-binding cassette sub-family F member 2	ABCF2	0.00544799	0.00477881	0.01209243	0.01294845	0.027020801	0.016683672	0.088608271	1.614640894
Zinc finger CCCH domain-containing protein 7B	ZC3H7B	0	0	0	0	0	0	NaN	NaN
Signal recognition particle subunit SRP68	SRP68	0.001270462	0.00120381	0.00296045	0.00320368	0.006695196	0.004642002	0.079182513	1.86939392
HAUS augmin-like complex subunit 6	HAUS6	0.000325859	0	0.00036496	0	0	0	NaN	NaN
Ubiquilin-2	UBQLN2	0.000920726	0.00229174	0.0024858	0.0005655	0.000924445	0.000920572	0.119721119	-1.31584154
Probable ATP-dependent RNA helicase DDX20	DDX20	0.00034336	0.00026645	0.00079774	0.00053635	0.001501989	0.001294908	0.152286137	1.915055715
Actin-related protein 2/3 complex subunit 1A	ARPC1A	0.000519298	0.0004431	0.00044301	0	0	0	NaN	NaN
Prefoldin subunit 2	PFDN2	0.000969208	0.00109243	0.00201005	0.00063063	0	0.000897089	0.242788542	-0.538450256
Poly(U)-binding-splicing factor PUF60	PUF60	0.005394077	0.00510866	0.00676126	0.00702048	0.008583196	0.005769448	0.591267776	0.380193762
Translation initiation factor eIF-2B subunit delta	EIF2B4	0.00115575	0.00162106	0.00331775	0.00197463	0.005767938	0.003512024	0.235919005	1.115364324
E3 ISG15--protein ligase HERC5	HERC5	9.27668E-05	0.00021462	0.00071765	0.00017023	0.001196327	0.000776283	0.384711843	1.854771282
tRNA (adenine(58)-N(1))-methyltransferase non-catalytic subunit TRM6	TRMT6	0.000903426	0.00113169	0.00175559	0.00268527	0.009472147	0.006626619	0.048683703	2.549799253
Cell division cycle protein 23 homolog	CDC23	0.000743086	0.00068521	0.00087455	0.00047252	0.000760919	0.000255944	0.213778412	-0.65316906
Anaphase-promoting complex subunit 7	ANAPC7	8.42459E-05	6.5794E-05	9.7854E-05	0	7.84961E-05	0	0.888562112	-0.101985499
Lariat debranching enzyme	DBR1	0.001636883	0.00183534	0.00276747	0.00193324	0.003156668	0.002766624	0.5408381	0.592079237
mRNA turnover protein 4 homolog	MRTO4	0.00434733	0.00477996	0.00819326	0.00519024	0.01416804	0.010464804	0.237108248	1.130473633
General transcription factor 3C polypeptide 4	GTF3C4	0.000141972	0.00025478	0.00048603	8.4224E-05	4.83961E-05	3.84383E-05	0.046376411	-2.396283672
Protein kinase C and casein kinase substrate in neurons protein 3	PACSIN3	0.000638226	0.00028699	0.00078684	0.00135258	0.003753097	0.002073411	0.057339284	1.699866834
Protein argonaute-2	AGO2	0.000524516	0.00038163	0.00074596	0.0006503	0.001274132	0.000712199	0.256339639	0.441293628
Arpin	ARPIN	0	0.00014907	0.00016676	0	0	0	NaN	NaN
Paraneoplastic antigen Ma2	PNMA2	0.000557099	0.00341798	0.00654389	0.00152126	0.001515919	0.001692474	0.638485666	-1.167878897
Serine/threonine-protein kinase TAO2	TAOK2	0	0	0	0	0	0	NaN	NaN
Pre-mRNA-splicing factor ISY1 homolog	ISY1	0	0.00010797	0.00030456	0.00037196	0.000552457	0.000458086	0.120194389	1.33697381
Destrin	DSTN	0.030259209	0.02260023	0.02712485	0	0.000235759	0	0.003112254	-6.846158609
RNA-binding protein NOB1	NOB1	0.005293304	0.00509275	0.00985113	0.00399957	0.009880527	0.005120047	0.813667592	-0.048011458
Peptide-N(4)-(N-acetyl-beta-glucosaminyl)asparagine amidase	NGLY1	5.05806E-05	0	5.6312E-05	0	0	0	NaN	NaN
Pre-mRNA-processing factor 19	PRPF19	0.007330646	0.00679598	0.00961732	0.00981057	0.02053013	0.016169798	0.161203432	1.141289412
Ataxin-2	ATXN2	0	0	0	9.1066E-05	0.000115761	7.49547E-05	NaN	NaN
LINE-1 retrotransposable element ORF1 protein	L1RE1	0.000132572	0.0001075	0.00040484	0.0002102	0.000671596	0.000444202	0.219808411	1.744439787
Ras GTPase-activating protein-binding protein 2	G3BP2	0.002830646	0.00268188	0.00688839	0.00552986	0.01375149	0.009136209	0.1293556	1.690464317
E3 ubiquitin-protein ligase CHIP	STUB1	0.000726626	0.00041381	0.00132405	0.00042403	0.001137153	0.000994041	0.902872061	0.452092369
Protein kinase C and casein kinase substrate in neurons protein 2	PACSIN2	0.001400851	0.0012797	0.00256407	0.0007714	0.001022301	0.000747269	0.145892969	-0.860748722
Wings apart-like protein homolog	WAPAL	0	0	0	0	0.000426648	0.000472534	NaN	NaN
FAS-associated factor 1	FAF1	0.001305061	0.00078146	0.001726	0.00043655	0.000748088	0.000228858	0.097277606	-1.579888521
Probable dimethyladenosine transferase	DIMT1	0.000714534	0.0009558	0.00286647	0.00209945	0.0063495	0.006371531	0.118867615	2.731856279
Charged multivesicular body protein 5	CHMP5	0.000198847	0.00019142	0	0	0	0.016256255	0.004548267	6.380666016
Serine/arginine repetitive matrix protein 2	SRRM2	0	6.7588E-05	9.2529E-05	3.8316E-05	0.000255555	0.000155697	0.64962733	0.977330745
Proliferation-associated protein 2G4	PA2G4	0.074454148	0.07318748	0.1426523	0.1521045	0.346486117	0.286301236	0.079785428	1.943109767
Structural maintenance of chromosomes protein 3	SMC3	0.001608331	0.00243965	0.00492365	0.00655615	0.014883272	0.009219355	0.064798343	1.917990449
UPF0568 protein C14orf166	C14orf166	0.006369388	0.00765937	0.01647639	0.02328764	0.040142779	0.029079934	0.055944798	1.924725604
RuvB-like 2	RUVBL2	0.030871123	0.02262221	0.0334131	0.02248025	0.028721823	0.018746763	0.572498055	-0.457600206
Proteasome maturation protein	POMP	0.04669018	0.0405862	0.03656316	0.01724238	0.014552444	0.013483595	0.076486162	-1.479727911
RuvB-like 1	RUVBL1	0.020391893	0.02150633	0.02551466	0.01422781	0.022817803	0.015925226	0.502054177	-0.433447708

Nuclear migration protein nudC	NUDC	0.00197755	0.00191668	0.00316787	0.00111165	0.002017519	0.000988453	0.193052133	-0.831012839
Cofilin-2	CFL2	0.025300078	0.00737119	0.01242762	0	0.000710759	0.000478804	0.015308867	-4.413008274
Phenylalanine--tRNA ligase alpha subunit	FARSA	0.004500224	0.00684759	0.0158261	0.01030963	0.031850632	0.016538993	0.192220413	1.272203801
Developmentally-regulated GTP-binding protein 1	DRG1	0.00171487	0.0020492	0.00549201	0.0029105	0.007127952	0.004606562	0.289419545	1.168630338
Nck-associated protein 1	NCKAP1	0.000622103	0.00078355	0.00181158	0.00025417	0.000348026	0.000184584	0.049412619	-1.624218084
Exosome complex exonuclease RRP44	DIS3	0.000833221	0.0010738	0.00160243	0.00133	0.004752548	0.002886379	0.139022443	1.426536781
RNA 3-terminal phosphate cyclase-like protein	RCL1	0	5.3212E-05	0.00020661	0.00011348	0.001347424	0.001104761	0.22826983	3.397294022
Probable ATP-dependent RNA helicase DDX52	DDX52	0.00023564	0	0.00028165	0.00056255	0.001072541	0.000163861	0.457602698	1.126745062
Translation machinery-associated protein 7	TMA7	0.011217109	0.01470847	0.02946844	0.01771542	0.065563011	0.04149742	0.198104331	1.496374559
Nucleolar protein 58	NOP58	0.000204165	0.00026773	0.00077348	0.00071069	0.001793708	0.000713465	0.143015709	1.414080017
U6 snRNA-associated Sm-like protein LSm2	LSM2	0.000481463	0.00088383	0.00207535	0.00049343	0.002219633	0	0.920311857	0.24377749
Splicing factor 3B subunit 6	SF3B6	0.001491714	0.00176112	0.00156845	0.00494522	0.002959912	0.001584111	0.186904082	0.916211066
Nucleolar protein 16	NOP16	0.001040925	0.00096587	0.00055235	0.00523346	0.011492479	0.006826989	0.015857461	2.821341029
Serine-threonine kinase receptor-associated protein	STRAP	0.007677192	0.00443588	0.0118988	0.00255335	0.008446311	0.005150813	0.383179581	-0.575778565
tRNA-splicing ligase RtcB homolog	RTCB	0.003657933	0.00449388	0.0074531	0.00626824	0.01451762	0.011072924	0.140620604	1.30100402
F-box only protein 7	FBXO7	0.006048035	0.00938951	0.00727847	0.00206214	0.004722144	0.00512102	0.139756251	-0.624193773
Nucleolar complex protein 2 homolog	NOC2L	0.000366017	0.00035827	0.00090288	0.00203236	0.003953336	0.003331516	0.025515318	3.18619626
60S ribosomal protein L36	RPL36	0.057703505	0.03544436	0.06013152	0.03079288	0.087416456	0.041033979	0.928348547	-0.491839896
Deoxynucleoside triphosphate triphosphohydrolase SAMHD1	SAMHD1	0.000555263	0.00101829	0.0030685	0.00037064	0.001538019	0.000552741	0.429289828	-0.881468702
HBS1-like protein	HBS1L	0.000558946	0.00056758	0.00107444	0.0009958	0.001629097	0.00246714	0.110420893	1.521174307
Talin-1	TLN1	6.7484E-05	2.4447E-05	6.3979E-05	4.8065E-05	4.88461E-05	3.35527E-05	0.80238431	-0.412608723
ATR-interacting protein	ATRIP	0	0	0	0	0.001448413	0.00156567	NaN	NaN
Probable RNA-binding protein 19	RBM19	0	0	0	0	0	0	NaN	NaN
Myotubularin-related protein 5	SBF1	0	0	0	0	6.36691E-05	6.73508E-05	NaN	NaN
Ribosomal biogenesis protein LAS1L	LAS1L	0.000329403	0	8.4779E-05	0.00033019	0.000384391	0.000144529	0.519282312	0.982494227
E3 ubiquitin-protein ligase ARIH1	ARIH1	0.000635315	0.00073696	0.00092511	0.00068986	0.001281017	0.00112879	0.467572424	0.615114976
U6 snRNA-associated Sm-like protein LSm4	LSM4	0.001503863	0.00175243	0.0033498	0.00358168	0.005931879	0.001556051	0.385720677	1.031276337
FACT complex subunit SPT16	SUPT16H	6.71761E-05	8.8825E-05	0.00034413	1.915E-05	2.43795E-05	8.85542E-05	0.157485634	-1.865305367
Protein FAM107B	FAM107B	0.000584817	0.00053383	0.00055399	0	0	0	NaN	NaN
CDKN2AIP N-terminal-like protein	CDKN2AIPNL	0	0	0	0.00055781	0.000566119	0	NaN	NaN
Nucleolar and coiled-body phosphoprotein 1	NOLC1	0	0.00335015	0.00325263	0	0	0	NaN	NaN
Serine/threonine-protein kinase MRCK beta	CDC42BPB	4.63358E-05	3.9889E-05	8.8946E-05	0	3.99325E-05	0	0.26510075	-0.214563885
RNA-binding protein 8A	RBM8A	0.002931475	0.00132388	0.01197278	0.00061072	0.003392668	0.001560277	0.323575882	-0.909824576
Ubiquitin carboxyl-terminal hydrolase 16	USP16	0.000811555	0.00077554	0.00138223	0.00173972	0.002260618	0.001332528	0.176977251	1.100093524
Coatomer subunit gamma-1	COPG1	0.000147615	0.00042807	0.00026292	0	0.000234406	0.000145532	0.501273784	-0.509445448
Cilia- and flagella-associated protein 20	CFAP20	0.000386916	0.00029781	0.00027304	0.0001302	0.000601264	0.000588083	0.824981534	0.9816179
Wiskott-Aldrich syndrome protein family member 2	WASF2	0.000239962	0.0003324	0.00055141	5.8341E-05	0.000258743	0.000137118	0.136410963	-1.27749373
	PSMC3	0.339430075	0.31323145	0.24571194	0.10542493	0.048481804	0.039692338	0.029543906	-2.691713768

Table S3. >2x fold decreased DAPs (Glucose-free / Normal)

Protein names	Gene names	Normal #1	Normal #2	Normal #3	glucose-free #1	glucose-free #2	glucose-free #3	p-value	Log2(Glucose-free/Normal)
Protein AAR2 homolog	AAR2	0.00087835	0.00063191	0.00123573	0.000183734	0.000397048	0.000221653	0.04819	-1.98648483
BRISC complex subunit Abro1	ABRAXAS2	0.00035655	0.00025021	0.00034831	0	0	8.07322E-05	0.02018	-2.109176492
Low molecular weight phosphotyrosine protein phosphatase	ACP1	0.00878905	0.01327227	0.01743356	7.93474E-05	0.000516709	0.000453841	0.01707	-4.870084382
Actin, cytoplasmic 1;Actin, cytoplasmic 1, N-terminally processed;Actin, cytoplasmic 2;Actin, cytoplasmic 2, N-terminally processed	ACTB;ACTG1	1.29033703	1.04259395	1.65092703	0.048812557	0.069677609	0.049048778	0.00911	-4.717386934
Actin, gamma-enteric smooth muscle;Actin, alpha skeletal muscle;Actin, alpha cardiac muscle 1;Actin, aortic smooth muscle	ACTG2;ACTA1;ACTC1;ACTA2	0.00118441	0.00309986	0.00305526	0.000215739	0.000152744	5.62204E-05	0.01962	-4.322105653
Alpha-actinin-1	ACTN1	0.0048648	0.00155941	0.00227053	2.09525E-05	0	0	0.00499	-6.759760989
Alpha-actinin-4	ACTN4	0.13043892	0.08750236	0.1303498	0.00112627	0.00119176	0.000382339	0.00627	-6.854691878
Proteasomal ubiquitin receptor ADRM1	ADRM1	0.23783451	0.22854601	0.31228423	0.078226093	0.063276677	0.087066498	0.04858	-1.604236244
Fructose-bisphosphate aldolase C	ALDOC	0.00011653	0.00019531	0.00041626	0	3.40325E-05	0	0.02592	-2.520780779
Ankyrin repeat domain-containing protein 36B;Ankyrin repeat domain-containing protein 36A	ANKRD36B;ANKRD36	0.00012258	0.00014592	0.0002511	4.73451E-05	2.34446E-05	0	0.03804	-2.130899997
Annexin A11	ANXA11	0.00283154	0.00272909	0.00371943	4.34865E-05	0.000195711	0	0.01702	-4.93983385
Annexin A2;Annexin;Putative annexin A2-like protein	ANXA2;ANXA2P2	0.00938865	0.00860191	0.01565166	0.00056178	0.002597072	0.001488911	0.03358	-2.656659593
Annexin A5;Annexin	ANXA5	0.00242067	0.0046442	0.00519098	0.001063839	0.00087825	0.000878123	0.03863	-2.402725283
Annexin A6;Annexin	ANXA6	0.04225675	0.02096724	0.0329747	0.001745525	0.003272123	0.001751572	0.01217	-4.23463738
Annexin A7	ANXA7	0.00084761	0.00139611	0.0035933	6.67021E-05	0	0	0.01236	-4.38753249
Large proline-rich protein BAG6	BAG6	0.00276766	0.00260567	0.00295479	0.00020157	9.13502E-05	0.000330309	0.01303	-3.779315445
	C8G	0.0021726	0	0	0.000561114	0.000680261	0.000233473	0.02748	-1.953057433
Calmodulin	CALM2;CALM1;CALM3	0.04391054	0.05237831	0.07261211	0.011531473	0.019363523	0.01597527	0.04647	-1.713129197
Adenylyl cyclase-associated protein 1	CAP1	0.00102144	0.00059767	0.00079865	1.7352E-05	4.96364E-05	0	0.01247	-4.766237656
Parafibromin	CDC73	0.00102379	0.00080995	0.00128569	7.32387E-05	0.000165227	0.000278064	0.02939	-2.631404092
Cofilin-1	CFL1	0.71850857	0.62425416	0.64176637	0.009357308	0.014627449	0.024500049	0.00755	-5.4552981
Cofilin-2	CFL2	0.02530008	0.00737119	0.01242762	0	0.000710759	0.000478804	0.01531	-4.413008274
Creatine kinase U-type, mitochondrial	CKMT1A;CKMT1B	0.00027185	0.00023555	0.00041581	0	5.26018E-05	0	0.01339	-2.369632062
Methylosome subunit pICln	CLNS1A	0	0.0005046	0.00092821	0	0.000153132	0	0.02624	-2.160015113
Clathrin light chain A	CLTA	0.09121599	0.0594138	0.10683167	0.004231898	0.005837318	0.003457502	0.01054	-4.429909972
Clathrin light chain B	CLTB	0.09126638	0.05253638	0.09923281	0.003780573	0.006876415	0.002485055	0.01069	-4.593406629
Clathrin heavy chain;Clathrin heavy chain 1	CLTC	0.03196954	0.01768764	0.02700703	0.000861227	0.003311233	0.002574822	0.01919	-3.390790548
CCR4-NOT transcription complex subunit 2	CNOT2	0	0.00046476	0.000706	0	0.000195028	0	0.04871	-1.554404562
Procollagen galactosyltransferase 1	COLGALT1	0.00010783	0.00027579	0.0001723	0	0	5.23824E-05	0.0329	-1.717760262
Coronin-1B	CORO1B	0.00859646	0.00945504	0.00827765	0.000298242	0.00175366	0.001299659	0.0362	-2.725609876
Coronin-1C;Coronin	CORO1C	0.00109876	0.00120004	0.00134944	0	8.23E-05	5.75484E-05	0.01262	-4.124106965
Copine-3	CPNE3	0.00815586	0.00480917	0.00973879	0	0.000437497	0.000327057	0.01223	-4.430357851
Cleavage and polyadenylation specificity factor subunit 6	CPSF6	0.00324113	0.00436062	0.00573596	0.000295071	0.000659889	0.000770285	0.01727	-2.724238
Cytokine receptor-like factor 3	CRLF3	0.00066851	0.00094496	0.0018187	0	9.25222E-05	0	0.01085	-3.352381786
Src substrate cortactin	CTTN	0.00917199	0.00447409	0.01068317	0.000719121	0.001703969	0.000373342	0.03194	-3.67292755
Cullin-2	CUL2	7.0244E-05	6.994E-05	0.0001284	1.58028E-05	0	0	0.01386	-2.152196851
Protein DDI1 homolog 2	DDI2	0.01702441	0.00973307	0.01241575	0.000562253	0.000827621	0.000643151	0.01053	-4.270869643
Putative pre-mRNA-splicing factor ATP-dependent RNA helicase DHX16	DHX16	0.00065127	0.00089312	0.00098347	0.00012484	0.000230107	0.00015035	0.02908	-2.570534008
DnaJ homolog subfamily C member 10	DNAJC10	0.00077875	0.00074434	0.00071036	3.40665E-05	4.86546E-05	0	0.01246	-4.192428767
Desmoplakin	DSP	0.00024979	0.00040413	0.00043812	6.99339E-05	0.000134635	6.99017E-05	0.03953	-2.530773434
Destrin	DSTN	0.03025921	0.02260023	0.02712485	0	0.000235759	0	0.00311	-6.846158609
Proteasome-associated protein ECM29 homolog	ECM29;KIAA0368	0.04746781	0.04580341	0.05445155	0.00966371	0.010508833	0.009282446	0.02986	-2.296300394
Epidermal growth factor receptor substrate 15	EPS15	0.00025694	0.00011934	0.00027983	0	6.7252E-05	0	0.03849	-1.933793656
Extended synaptotagmin-1	ESYT1	3.9643E-05	8.3526E-05	7.3409E-05	0	1.99421E-05	0	0.0298	-1.88014747
Fatty acid synthase;[Acyl-carrier-protein] S-acetyltransferase;[Acyl-carrier-protein] S-malonyltransferase;3-oxoacyl-[acyl-carrier-protein] synthase;3-oxoacyl-[acyl-carrier-protein] reductase;3-hydroxyacyl-[acyl-carrier-protein] dehydratase;Enoyl-[acyl-carrier-protein] reductase;Oleoyl-[acyl-carrier-protein] hydrolase	FASN	0.00049712	0.00034837	0.0010021	0.000120099	0.000180777	9.55058E-05	0.03889	-2.049361302
Filamin-A	FLNA	0.00661684	0.0042282	0.00460371	0.000261334	0.000448922	4.53841E-05	0.02792	-4.138829591
Filamin-B	FLNB	0.00319192	0.00221375	0.00265805	0.000186508	0.000310216	0.000353753	0.01502	-3.099023783
Filamin-C	FLNC	0.00052992	0.00034975	0.00032631	0	3.04376E-05	9.72856E-05	0.03713	-2.68422821
Fascin	FSCN1	0.0005152	0.00044361	0.00097123	0	8.61762E-05	0.000136947	0.03231	-2.245643068
Glutamate dehydrogenase 1, mitochondrial;Glutamate dehydrogenase 2, mitochondrial	GLUD1;GLUD2	0.00386155	0.00395645	0.01221938	0.00054188	0.000925731	0.000385104	0.02499	-2.868162314
Glia maturation factor beta	GMFB	0.01311611	0.00667214	0.01003745	0.000130818	0	0.0002037	0.00764	-5.942244894
Growth factor receptor-bound protein 2	GRB2	0.0037105	0.00192515	0.00328304	8.51863E-05	0.000395039	0.000305384	0.02519	-3.426335946
General transcription factor 3C polypeptide 4	GTF3C4	0.00014197	0.00025478	0.00048603	8.4224E-05	4.83961E-05	3.84383E-05	0.04638	-2.396283672
HAUS augmin-like complex subunit 4	HAUS4	0.00026204	0.00066236	0.0003245	9.56147E-05	0	0	0.02576	-1.762936364
Histone deacetylase 2;Histone deacetylase 1	HDAC2;HDAC1	0.00119326	0.00118905	0.00096283	0	0.000282544	0	0.01983	-2.073263137
Immunoglobulin-binding protein 1	IGBP1	0.00020884	0.00012275	0	4.98952E-05	0	0	0.04259	-1.682069977
Inosine-5-monophosphate dehydrogenase;Inosine-5-monophosphate dehydrogenase 1;Inosine-5-monophosphate dehydrogenase 2	IMPDH1;IMPDH2	0.01040085	0.01070658	0.01458398	0.00081689	0.001039418	0.001043034	0.01311	-3.3646504
L-lactate dehydrogenase A chain	LDHA	0.00889318	0.00528713	0.0084405	0.00155104	0.002208784	0.001603291	0.03832	-2.396291651
Microtubule-actin cross-linking factor 1, isoforms 1/2/3/5	MACF1	0.00021342	0.00014341	0.00031408	3.11111E-06	1.95818E-05	1.2666E-05	0.02228	-4.074662491
Myristoylated alanine-rich C-kinase substrate	MARCKS	0.00357457	0.0035727	0.00878153	0.000380035	0.001119728	0.000771746	0.03179	-2.211572506
MARCKS-related protein	MARCKSL1	0.00524365	0.00647702	0.01276464	0	0.001499444	0.000512219	0.03904	-2.885700709
Mediator of DNA damage checkpoint protein 1	MDC1	1.9095E-05	3.9329E-05	5.7919E-05	0	0	8.48992E-06	0.03374	-2.211770639
Myosin-10	MYH10	0.00078591	0.0004075	0.00086446	0.000133548	0.000148873	0.000136244	0.03188	-2.528178755
Myosin-9	MYH9	0.00208868	0.00180624	0.00238926	0.000117895	0.000163378	0.000130242	0.01136	-4.003324815
Myosin light polypeptide 6	MYL6	0.01174337	0.01348477	0.01820349	0.001833898	0.002907408	0.002208548	0.02177	-2.610160715
Unconventional myosin-XVIIIa	MYO18A	0.00013931	8.443E-05	0.00025975	0	8.63891E-06	0	0.01018	-4.011274649
Condensin complex subunit 1	NCAPD2	0.0003884	9.9119E-05	0.000387	0	1.52878E-05	0	0.01678	-4.661892035
Nck-associated protein 1	NCKAP1	0.0006221	0.00078355	0.00181158	0.000254174	0.000348026	0.000184584	0.04941	-1.624218084
Neurofilament light polypeptide	NEFL	0.01650711	0.02975714	0.05493652	0.005028114	0.003845247	0.004517379	0.02101	-2.719678204
Neurofilament medium polypeptide	NEFM	0.04053242	0.05718727	0.12567358	0.013173144	0.011391891	0.010742284	0.02539	-2.327686814
5-nucleotidase domain-containing protein 2	NT5DC2	0.00047291	0.00080722	0.00091698	0	0.000162227	0	0.01773	-2.314953329
Cleavage and polyadenylation specificity factor subunit 5	NUDT21	0.00490958	0.00463163	0.00593141	0.000830608	0.000626619	0.000915471	0.02082	-2.563361409
Nucleoporin Nup37	NUP37	0.00060984	0.00048562	0.00109005	0	7.24676E-05	0	0.00902	-3.073027492
Prolyl 4-hydroxylase subunit alpha-1	P4HA1	0.00037394	0.00047264	0.000638	3.84486E-05	0.000154498	4.86379E-05	0.03421	-3.280579729
Protein disulfide-isomerase A6	PDIA6	0.00133188	0.00151753	0.00210037	0.000240305	0.000581709	0.000435381	0.03881	-1.801378485
ATP-dependent 6-phosphofructokinase, liver type	PFKL	0.01521162	0.01806867	0.01838615	0.00124281	0.002575106	0.000917204	0.01323	-3.861812656
ATP-dependent 6-phosphofructokinase, muscle type	PFKM	0.00404664	0.00210196	0.00309855	0	0.000106894	6.3616E-05	0.00901	-5.231699191
PITH domain-containing protein 1	PITHD1	0.00108874	0.00139569	0.00220431	0	0.000202395	0.000113268	0.01806	-3.204446538
Phospholipase A-2-activating protein	PLAA	0.00022933	0.0003223	0.00054021	3.23786E-05	0	0	0.00884	-3.315278247
Procollagen-lysine,2-oxoglutarate 5-dioxygenase 2	PLOD2	0.0003185	0.00025117	0.00051014	0	5.13186E-05	0	0.01174	-2.633753243
Plastin-3	PLS3	0.01966241	0.00434021	0.00589095	0.000244821	0.000824955	0.000481005	0.026	-3.614376267
Liprin-alpha-1;Liprin-alpha-2	PPFIA1;PPFIA2	0.25867764	0.27195645	0.33239565	0.056025372	0.06670417	0.074686009	0.0354	-2.027526799
Protein phosphatase 1 regulatory subunit 12A	PPP1R12A	0.000862	0.00094636	0.00063716	0	0.000175259	5.62633E-05	0.02986	-3.117807217
Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit epsilon isoform;Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit beta isoform	PPP2R5E;PPP2R5B	0.00036875	0.00017734	0.00034338	0	9.69154E-05	0	0.03421	-1.825020782
5-AMP-activated protein kinase subunit gamma-1	PRKAG1	0.00208734	0.00259824	0.00632651	0.000803655	0.000356156	0.000197157	0.03965	-2.866954054
26S protease regulatory subunit 4	PSMC1	0.36489195	0.35990788	0.43208512	0.082115788	0.096919409	0.094341349	0.03721	-1.951507184
	PSMC1	0.00527774	0.00435308	0.00606768	0.000167124	0	0	0.00503	-4.980929447
26S protease regulatory subunit 7	PSMC2	0.59534207	0.57106668	0.59384419	0.122754394	0.137099691	0.131981307	0.03464	-2.169750836
	PSMC3	0.33943008	0.31323145	0.24571194	0.105424931	0.048481804	0.039692338	0.02954	-2.691713768
26S protease regulatory subunit 6B	PSMC4	0.35651103	0.37209254	0.40648461	0.088462076	0.092157887	0.078220232	0.03532	-2.072530447
26S protease regulatory subunit 8	PSMC5	0.50584481	0.5201298	0.56933053	0.109326453	0.14114464	0.112964658	0.03523	-2.20300022
26S protease regulatory subunit 10B	PSMC6	0.50097973	0.34585994	0.39378939	0.090377896	0.090625628	0.066079252	0.02983	-2.123382353
26S proteasome non-ATPase regulatory subunit 1	PSMD1	0.17083753	0.22163718	0.207745	0.047768639	0.054967118	0.051011586	0.04207	-2.025916893
	PSMD1	0.00154199	0.00096317	0.00075591	0.000147181	8.91844E-05	0	0.01917	-3.071569086
26S proteasome non-ATPase regulatory subunit 11	PSMD11	0.36636435	0.37153774	0.38395287	0.062853303	0.06956644	0.065424983	0.02516	-2.505595203
26S proteasome non-ATPase regulatory subunit 12	PSMD12	0.24156869	0.26513137	0.25852589	0.056061925	0.066153681	0.052873138	0.03533	-2.205215595
26S proteasome non-ATPase regulatory subunit 13	PSMD13	0.36352592	0.41625667	0.48323135	0.068280385	0.089973346	0.078940707	0.02722	-2.398632055
26S proteasome non-ATPase regulatory subunit 14	PSMD14	0.09386407	0.11447713	0.14392182	0.013080686	0.02105383	0.02180703	0.02154	-2.442904774
26S proteasome non-ATPase regulatory subunit 2	PSMD2	0.21715373	0.18332461	0.22157275	0.043262915	0.055498855	0.051644436	0.03863	-2.072031929
26S proteasome non-ATPase regulatory subunit 3	PSMD3	0.28332214	0.37834188	0.41567266	0.058794818	0.059725961	0.072964658	0.02575	-2.663260423
26S proteasome non-ATPase regulatory subunit 4	PSMD4	0.21685142	0.17166335	0.1536122	0.055465248	0.041215628	0.05900886	0.04822	-1.629926042
26S proteasome non-ATPase regulatory subunit 6	PSMD6	0.28879185	0.27408144	0.38270162	0.069482342	0.065257631	0.066342128	0.03228	-2.122032829
26S proteasome non-ATPase regulatory subunit 7	PSMD7	0.20884	0.21952266	0.25016897	0.062277052	0.063943692	0.064638302	0.04737	-1.779495937

26S proteasome non-ATPase regulatory subunit 8	PSMD8	0.27044004	0.27629017	0.2692666	0.047377305	0.055778787	0.05661182	0.02907	-2.2775203
Ras-related protein Rab-1A;Ras-related protein Rab-1B;Putative Ras	RAB1A;RAB1B;RAB1C	0.00393136	0.00561175	0.00603078	0.00054288	0.001714282	0.000864706	0.02835	-2.698167849
Ras-related protein Rab-7a	RAB7A	0.00244463	0.00170972	0.00196018	0.000573241	0.000465343	0.000396553	0.03639	-2.074618994
UV excision repair protein RAD23 homolog A	RAD23A	0.00700817	0.00383063	0.00658252	0.000433586	0.000300532	0.00034538	0.01129	-4.252383333
UV excision repair protein RAD23 homolog B	RAD23B	0.17742134	0.15117764	0.20600055	0.013791324	0.019822933	0.016442411	0.01387	-3.431685787
Receptor expression-enhancing protein 5;Receptor expression-enha	REEP5	0.00232275	0.00402167	0.00324094	0.000399591	0.000629592	0.000511576	0.02224	-2.663389598
E3 ubiquitin-protein ligase BRE1A	RNF20	0.00012962	0.00024746	0.00026662	2.59152E-05	4.96109E-05	6.04829E-05	0.03132	-2.318477969
Ubiquitin-40S ribosomal protein S27a;Ubiquitin;40S ribosomal prot	RPS27A;UBB;UBC;UBA52	0.64197738	0.80475243	0.85935702	0.135687792	0.211221387	0.216726706	0.03857	-1.929789115
Protein transport protein Sec23B	SEC23B	0.00023962	0.00017891	0.00015782	6.146E-05	0	0	0.03072	-1.541490164
Sorting nexin-2	SNX2	0.00036475	0.00058196	0.00063206	2.9334E-05	8.9889E-05	0	0.02681	-3.502498811
Spectrin alpha chain, non-erythrocytic 1	SPTAN1	0.00809148	0.00515639	0.01049868	0.000183218	0.000332878	0.000471483	0.00901	-4.603337999
Spectrin beta chain, non-erythrocytic 1	SPTBN1	0.00502335	0.00359908	0.00709407	0.00054001	0.001095512	0.001035829	0.02368	-2.277862794
Spectrin beta chain, non-erythrocytic 2	SPTBN2	0.00099194	0.00031566	0.00128459	0	4.66053E-05	0	0.01587	-4.411684015
SLIT-ROBO Rho GTPase-activating protein 2	SRGAP2	0.0013999	0.00152067	0.00148032	0.000104715	0.000269351	0.00030441	0.01918	-2.458347801
Serine/threonine-protein kinase 26	STK26	0.0019275	0.00160641	0.00234852	0.000231898	0.000526902	0.000492571	0.03007	-1.968327263
Syntaxin-7	STX7	0.00119242	0.00045641	0.00129007	0	5.2133E-05	0	0.0105	-4.515551786
Transcription elongation factor SPT6	SUPT6H	0.00124073	0.00107652	0.00206384	0.000235005	0.000393458	0.000177905	0.02599	-2.400431656
Transgelin-2	TAGLN2	0.01618744	0.01219198	0.01417207	0.000466409	0.000505498	0.000508227	0.00877	-4.809201404
TRPM8 channel-associated factor 1	TCAF1	0.00277354	0.00256705	0.00323235	0.00054932	0.000750124	0.000712823	0.03613	-1.96011378
Transketolase	TKT	0.000761	0.00134125	0.00165558	0.000225189	0.000332436	0.000150387	0.02733	-2.574374212
DNA topoisomerase 2-alpha	TOP2A	0.00096714	0.00097293	0.00207882	5.75649E-05	0.000275673	0.000101036	0.03124	-3.267466581
Tropomyosin alpha-1 chain	TPM1	0.00409209	0.00755407	0.01291442	0	0.000416416	0.000109432	0.02098	-5.145151588
Tropomyosin3	TPM3	0.07874818	0.14531561	0.16331172	0.003734666	0.004719599	0.001944212	0.00765	-5.282066632
Tropomyosin alpha-4 chain	TPM4	0.02049491	0.02594264	0.02913508	0.000195764	0.00036213	0	0.00701	-6.606369675
Gamma-tubulin complex component 2	TUBGCP2	0.00030835	0.00012757	0.00065747	2.88738E-05	0	0	0.02632	-3.416749988
Thioredoxin-like protein 1	TXNL1	0.06021162	0.06215116	0.06585807	0.013248401	0.017587495	0.014156752	0.03734	-2.134290944
Ubiquitin-protein ligase E3A	UBE3A	0.00687381	0.00703988	0.00897991	0.000602666	0.001189952	0.000973479	0.01645	-2.85432969
Ubiquitin-protein ligase E3C	UBE3C	0.00697738	0.00570187	0.00625555	0.000402967	0.00059142	0.000207419	0.01089	-3.956402671
Ubiquitin domain-containing protein UBFD1	UBFD1	0.00179851	0.00185083	0.00270253	0	0.000179639	0.000113547	0.01386	-3.69590695
Ubiquitin-like protein 4A	UBL4A	0.0025851	0.00438794	0.00463147	0	0	0.000446617	0.0102	-3.296434056
Ubiquitin-like domain-containing CTD phosphatase 1	UBLCP1	0.00480417	0.00351157	0.00466079	0.00020401	0.000282865	6.61396E-05	0.01289	-4.513863045
Ubiquilin-1	UBQLN1	0.00753219	0.00704219	0.00995433	0.001283664	0.001724729	0.001308013	0.0252	-2.525692705
Ubiquitin carboxyl-terminal hydrolase isozyme L5;Ubiquitin carboxy	UCHL5	0.1025865	0.11475976	0.1308704	0.01854002	0.019555056	0.018040697	0.02223	-2.629902163
Ubiquitin carboxyl-terminal hydrolase 14;Ubiquitin carboxyl-termina	USP14	0.03412664	0.02709201	0.0279715	0.006043219	0.009417768	0.006152079	0.03789	-2.184811894
Ubiquitin carboxyl-terminal hydrolase 15	USP15	0.00257838	0.00224788	0.0027155	0.000294512	0.000260859	0.000291539	0.01589	-3.144703548
Transitional endoplasmic reticulum ATPase	VCP	0.05238775	0.041566	0.05162846	0.014726657	0.018071014	0.01863655	0.04525	-1.514489076
Vacuolar protein sorting-associated protein 26A	VPS26A	0.00274314	0.00241191	0.00279414	0.000305134	0.000661577	0.000393379	0.0223	-2.801837457
Vacuolar protein sorting-associated protein 29	VPS29	0.01180663	0.00716288	0.01204128	0.001736817	0.001717229	0.00100072	0.01972	-2.781442762

Table S4. >2x fold increased DAPs (Glucose-free / Normal)

Protein names	Gene names	Normal #1	Normal #2	Normal #3	glucose-free #1	glucose-free #2	glucose-free #3	p-value	Log2(Glucose-free/Normal)
Aminoacyl tRNA synthase complex-interacting multifunctional protein 2	AIMP2	0.00091362	0.00063953	0.001019	0.002133097	0.004257377	0.002942849	0.04709	1.687555276
Rho guanine nucleotide exchange factor 2	ARHGEF2	0.00029834	0.00031563	0.00033819	0.001507069	0.001417072	0.003453413	0.02228	2.2554438
Ribosome biogenesis protein BMS1 homolog	BMS1	0.00019943	0.00026849	7.9539E-05	0.000712982	0.002075247	0.00211917	0.03502	3.379335939
Ribosome biogenesis protein BOP1	BOP1	0.00015256	0.00014646	0.00021141	0.000807504	0.001707719	0.000960491	0.02077	2.654357521
Ribosome biogenesis protein BRX1 homolog	BRIX1	0.00050965	0.00076181	0.00268298	0.006244692	0.011203975	0.009834485	0.03875	3.690340693
Cell division cycle protein 27 homolog	CDC27	4.6313E-05	4.1797E-05	0.00010509	0.000284986	0.000385583	0.00035979	0.02421	2.957672201
CDKN2A-interacting protein	CDKN2AIP	0.00019236	0.00016669	0.00083461	0.001475461	0.004229116	0.002538214	0.04985	3.721902974
Charged multivesicular body protein 5	CHMP5	0.00019885	0.00019142	0	0	0	0.016256255	0.00455	6.380666016
Cytoskeleton-associated protein 5	CKAP5	0.00047212	0.00051138	0.00057136	0.001365156	0.003548439	0.002317593	0.03565	2.18016241
ATP-dependent RNA helicase DDX18	DDX18	0.00030443	0.00026053	0.00026446	0.000894952	0.00187608	0.001557025	0.02994	2.557654309
ATP-dependent RNA helicase DDX54	DDX54	0.00051853	0.00062707	0.00101562	0.00220201	0.005806646	0.004213611	0.02664	2.748358725
ATP-dependent RNA helicase A	DHX9	0.00982197	0.01060295	0.02046214	0.028895339	0.070151753	0.046441437	0.04759	2.130946627
Cytoplasmic dynein 2 heavy chain 1	DYNC2H1	3.5478E-05	3.9204E-05	5.0083E-05	0.000530087	0.00094684	0.000886457	0.01052	4.498963165
Probable rRNA-processing protein EBP2	EBNA1BP2	0.00226722	0.00244572	0.00516906	0.015426544	0.03449994	0.028499659	0.01818	3.542611147
Elongation factor 2	EEF2	0.03457843	0.03033707	0.05767193	0.085614148	0.210203453	0.158539577	0.04641	2.196898552
Ribosomal RNA small subunit methyltransferase NEP1	EMG1	0.00077634	0.00160327	0.0028893	0.011154115	0.015090877	0.014886769	0.01978	3.214944958
ELKS/Rab6-interacting/CAST family member 1;ERC protein 2	ERC1;ERC2	9.654E-05	3.6997E-05	5.7084E-05	0	0.000171803	0	0.04282	1.589601947
Exosome component 10	EXOSC10	0.00288014	0.00243306	0.00467778	0.008689889	0.017544635	0.011518255	0.04378	1.999712824
Exosome complex component RRP42	EXOSC7	4.6533E-05	0.00019492	0.00037002	0.002348546	0.001523285	0.003018596	0.03644	3.590791614
pre-rRNA processing protein FTSJ3	FTSJ3	0	0	0.00032632	0.00116035	0.003879669	0.001784305	0.02357	2.450994084
Nucleolar GTP-binding protein 2	GNL2	7.5048E-05	0.00014233	6.4291E-05	0.000956448	0.001753124	0.000725246	0.01356	3.671808694
Nucleolar GTP-binding protein 1	GTPBP4	0.00195796	0.00292589	0.00489771	0.007202064	0.019603273	0.015669555	0.04784	2.421018252
KRR1 small subunit processome component homolog	KRR1	0.00029263	0.00057578	0.0009863	0.002962533	0.006730957	0.005561484	0.02438	3.271887831
Cell growth-regulating nucleolar protein	LYAR	0.0022928	0.00290663	0.00594337	0.012231361	0.018742047	0.014397624	0.03542	2.308413393
MAP7 domain-containing protein 1	MAP7D1	9.5527E-05	8.5115E-05	0.00030334	0.000668892	0.000824286	0.000805978	0.03571	3.076763017
M-phase phosphoprotein 6	MPHOSPH6	0.00032433	0.00038368	0.00070275	0.008847283	0.015727086	0.01113173	0.0088	4.858626687
Myb-binding protein 1A	MYBBP1A	0.00090488	0.00086635	0.00193068	0.003852927	0.008497877	0.005494499	0.03039	2.602186362
Nucleolin	NCL	0.09021946	0.10094944	0.21692392	0.386679568	0.884464446	0.664648038	0.03485	2.718957661
NF-kappa-B-repressing factor	NKRF	0.001188	0.00125667	0.00341027	0.005649949	0.016158369	0.009199299	0.04617	2.871914636
Nucleolar complex protein 2 homolog	NOC2L	0.00036602	0.00035827	0.00090288	0.00203236	0.003953336	0.003331516	0.02552	3.18619626
Nucleolar complex protein 3 homolog	NOC3L	0.00018987	9.8173E-05	0.00048751	0.000992593	0.003760464	0.002387888	0.04508	3.652674087
Nucleolar protein 7	NOL7	0	0.00122412	0.00078094	0.003341074	0.004356223	0.005404732	0.04424	2.155565608
Nucleolar MIF4G domain-containing protein 1	NOM1	1.7791E-05	0	3.99E-05	0.000211213	0.000701317	0.000294733	0.02922	3.467561343
Nucleolar protein 16	NOP16	0.00104092	0.00096587	0.00055235	0.005233457	0.011492479	0.006826989	0.01586	2.821341029
tRNA (cytosine(34)-C(5))-methyltransferase	NSUN2	0.00099468	0.0012863	0.00360115	0.006387249	0.011563333	0.007142635	0.04728	2.473232606
p21-activated protein kinase-interacting protein 1	PAK1IP1	9.2414E-05	0.00024269	0.0002499	0.00352384	0.006468839	0.003903612	0.0103	4.007634984
28 kDa heat- and acid-stable phosphoprotein	PDAP1	0.00738607	0.01207055	0.01231985	0.021838413	0.065758562	0.036790965	0.04837	1.607859625
Programmed cell death protein 4	PDCD4	0.00277668	0.00350288	0.00670874	0.011755093	0.026888201	0.017769059	0.0368	2.342754223
Sister chromatid cohesion protein PDS5 homolog A	PDS5A	3.6194E-05	8.4639E-05	0.00034757	0.001247756	0.00255381	0.001525207	0.03926	4.171531847
Sister chromatid cohesion protein PDS5 homolog B	PDS5B	8.7291E-05	9.6419E-05	0.00015992	0.000354835	0.000783086	0.000511284	0.03154	2.406737003
Pescadillo homolog	PES1	0	0	0.00015665	0.002089233	0.002213873	0.001220271	0.00832	3.737319884
Suppressor of SWI4 1 homolog	PPAN	0.00180887	0.00148508	0.0026006	0.006180616	0.014089016	0.009506182	0.03047	2.39377889
Periodic tryptophan protein 2 homolog	PWP2	0.00012687	0.00015296	0.00038593	0.001319357	0.002100561	0.001130854	0.02349	3.108636953
RNA-binding protein 28	RBM28	0.00029712	0.00035383	0.00152041	0.002905983	0.005665609	0.003577841	0.04996	3.337977305
RNA-binding protein 7	RBM7	0.00077606	0.00062613	0.00087653	0.00256851	0.003830514	0.002894168	0.03951	1.898906709
Ribonuclease inhibitor	RNH1	2.2496E-05	0	0	0.001309359	0.000820268	0.001100867	0.00413	5.612840698
60S ribosomal protein L23	RPL23	0.04913671	0.05550717	0.05743356	0.143600495	0.344035038	0.289728361	0.03439	2.383954843
40S ribosomal protein S17-like;40S ribosomal protein S17	RPS17;RPS17L	0.0805229	0.04305663	0.08491369	0.191926033	0.272565329	0.239392464	0.04799	1.571906737
Ribosomal RNA processing protein 1 homolog A	RRP1	0.00014903	0.00020298	0.00032652	0.001154437	0.002411969	0.002178172	0.01645	3.423687071
U3 small nucleolar RNA-interacting protein 2	RRP9	8.0926E-05	0	0.00035052	0.001436112	0.002802266	0.00160775	0.04076	3.254893438
Ribosome biogenesis regulatory protein homolog	RRS1	0	0.00035721	0.00057228	0.005098748	0.009586263	0.005043131	0.01391	3.4953291
SAP domain-containing ribonucleoprotein	SARNP	0.00049531	0.00025244	0.00098941	0.00177165	0.005681279	0.003137572	0.04961	2.663233262
Kanadaptin	SLC4A1AP	8.0058E-05	4.4836E-05	9.9763E-05	0	0.000211998	0	0.03171	1.40492957
Structural maintenance of chromosomes flexible hinge domain-containing protein 1	SMCHD1	8.7112E-05	5.4407E-05	0.0001375	0.000643961	0.001163579	0.000564775	0.01629	2.886024975
Surfeit locus protein 6	SURF6	0.0002161	0.00042963	0.00097086	0.002714723	0.005228968	0.004023561	0.03106	3.227289473
Transducin beta-like protein 3	TBL3	0.00028427	0.00034144	0.00041052	0.001291727	0.003219351	0.002733132	0.02065	3.000842701
THUMP domain-containing protein 1	THUMPD1	7.1106E-05	0	0	0.001239047	0.002269458	0.001560646	0.00594	4.456022131
TRMT1-like protein	TRMT1L	0.00066196	0.00077492	0.00145812	0.002356394	0.005557788	0.003411742	0.04152	2.13839113
tRNA (adenine(58)-N(1))-methyltransferase non-catalytic subunit TRM6	TRMT6	0.00090343	0.00113169	0.00175559	0.002685266	0.009472147	0.006626619	0.04868	2.549799253
Splicing factor U2AF 35 kDa subunit;Splicing factor U2AF 26 kDa subunit	U2AF1L4;U2AF1	0	0.0113692	0.02254909	0.066006558	0.069747258	0.103721157	0.0387	2.123036301
Ribosome biogenesis protein WDR12	WDR12	0.00103796	0.00073716	0.00173084	0.003207332	0.006142163	0.004008957	0.04153	1.949478876
WD repeat-containing protein 3	WDR3	0.00020805	0.00029641	0.00047884	0.002408321	0.003883152	0.00224613	0.01586	3.022361673
WD repeat-containing protein 36	WDR36	8.6922E-05	0.00014149	0.00040413	0.00069162	0.001856123	0.001265446	0.04822	3.160822966
Tyrosine--tRNA ligase, cytoplasmic;Tyrosine--tRNA ligase, cytoplasmic, N-terminally processed	YARS	0.00215138	0.00241108	0.00461613	0.006998871	0.017116031	0.015028527	0.04146	2.639955179
Zinc finger CCCH domain-containing protein 11A	ZC3H11A	0	0	1.8699E-05	0	0.000277896	0.000162946	0.01098	3.508475057