PNAS
www.pnas.org

Supplementary Information for

Aggresomal Sequestration and STUB1-Mediated Ubiquitylation during Mammalian Proteaphagy of Inhibited Proteasomes

Won Hoon Choi, Yejin Yun, Seoyoung Park, Jun Hyoung Jeon, Jeeyoung Lee, Jung Hoon Lee, Su-A Yang, Nak-Kyoon Kim, Chan Hoon Jung, Yong Tae Kwon, Dohyun Han, Sang Min Lim, and Min Jae Lee*

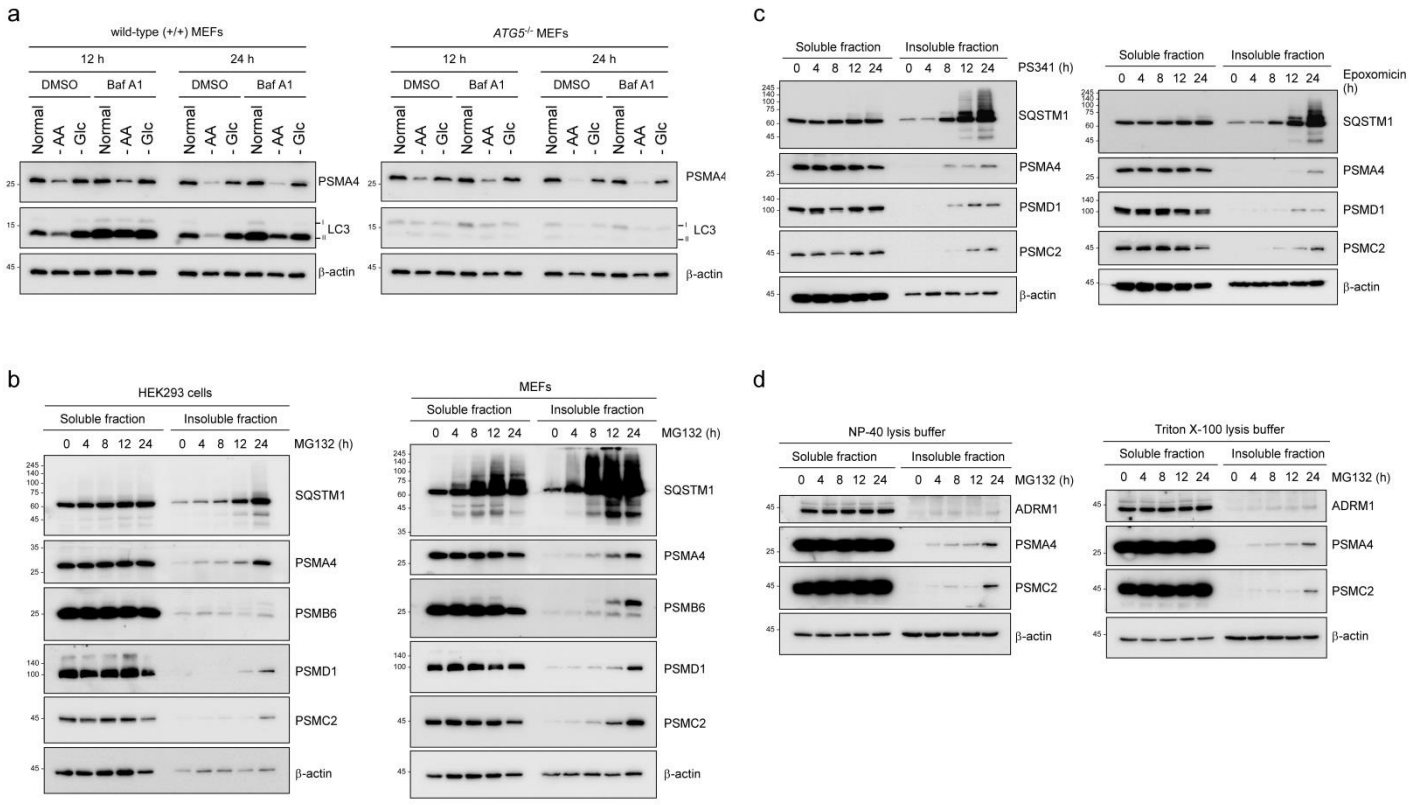
*Min Jae Lee
Email: minjlee@snu.ac.kr

This PDF file includes:

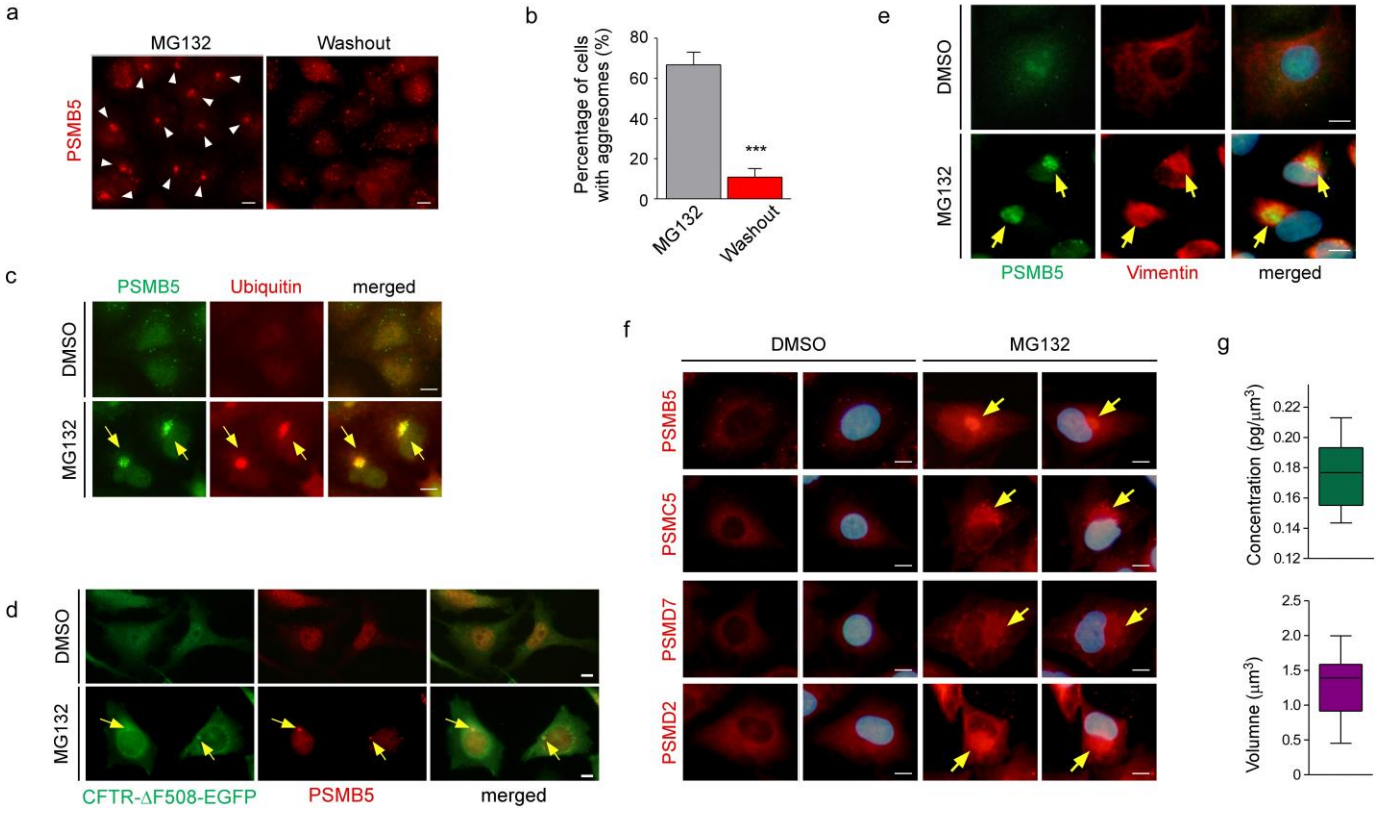
Supplementary Figures 1 to 9
Supplementary Methods
Supplementary References
Supplementary Table 1

www.pnas.org/cgi/doi/10.1073/pnas.1920327117

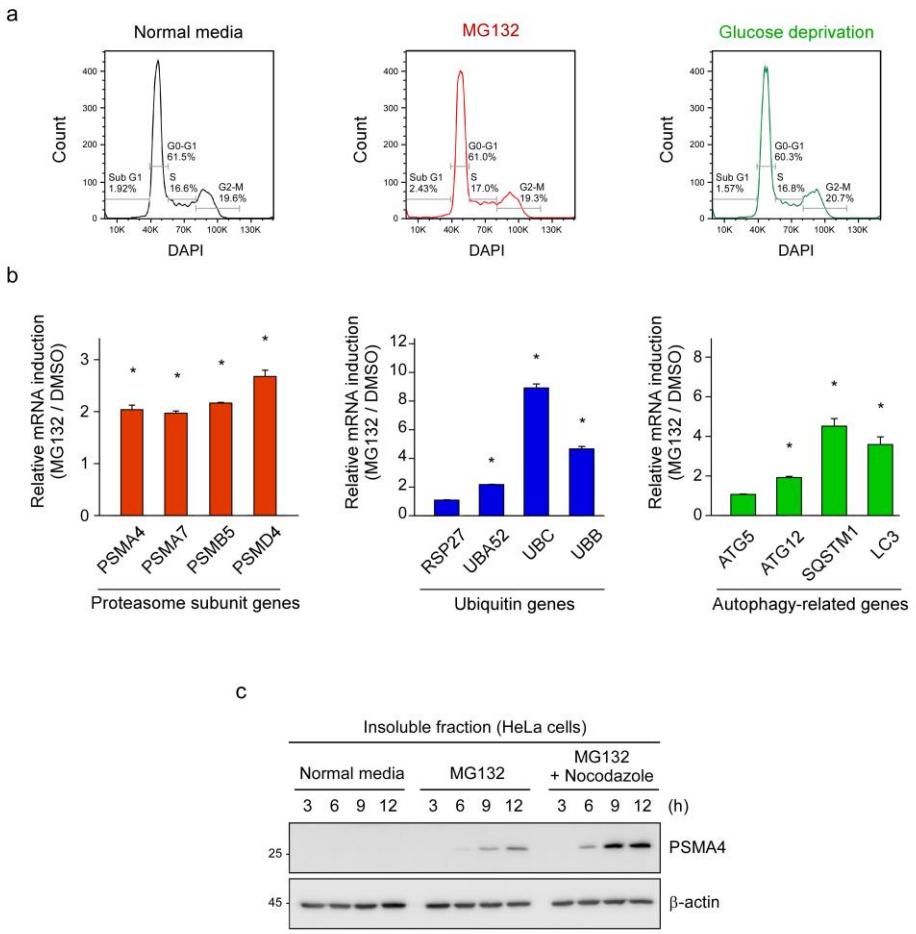
SUPPLEMENTARY FIGURES



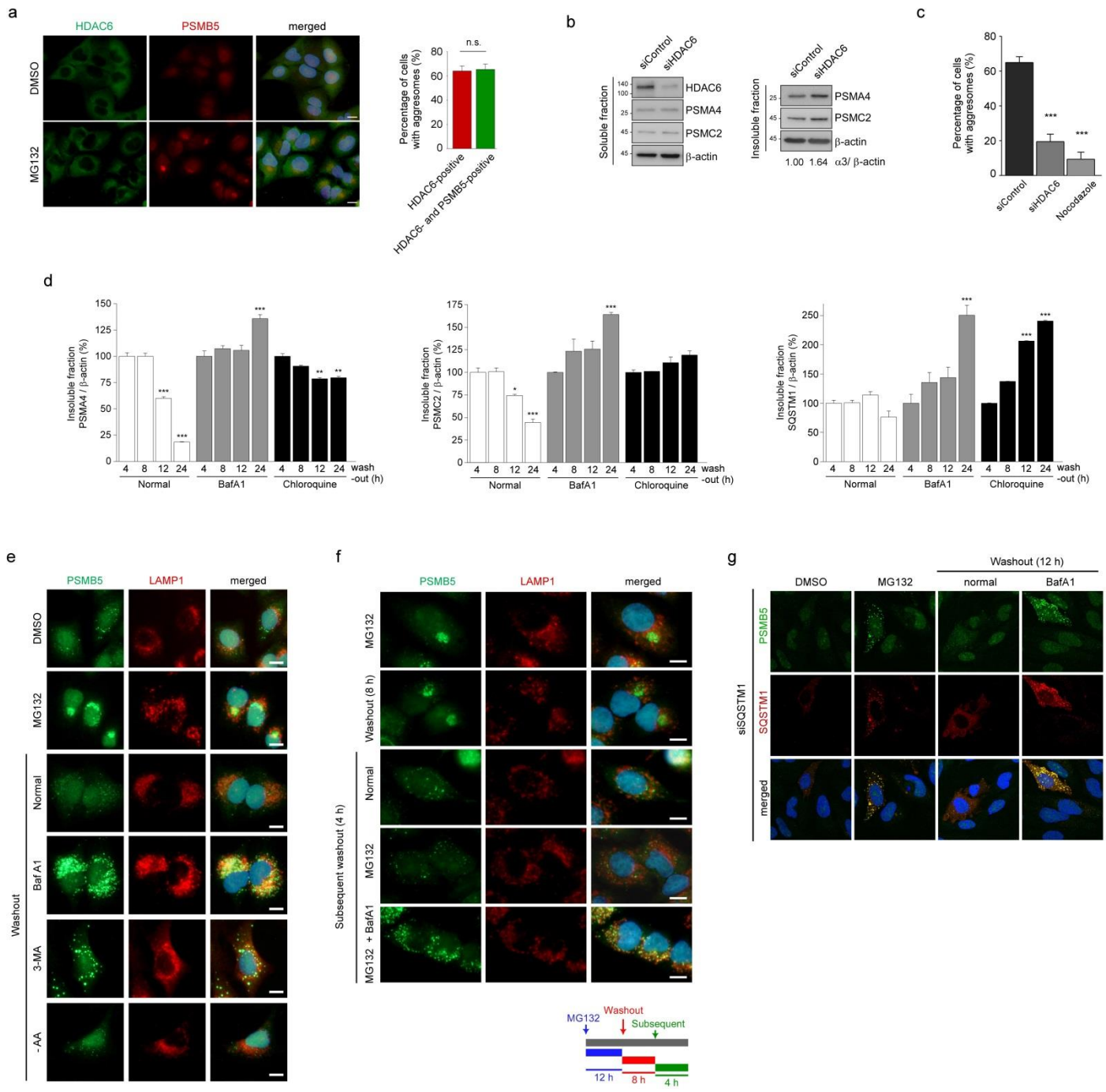
Supplementary Figure 1. **Changes of proteasome amounts in the soluble and insoluble fractions.** (**a**) Induction of autophagy had little effect on the proteasome levels in the soluble fraction. Wild-type (+/+) or *ATG5*-null (*ATG5*$^{-/-}$) mouse embryonic fibroblasts (MEFs) were treated with a nutrient-deprived medium (amino acid–free [– AA] or glucose-free [– Glc]) in the presence or absence of bafilomycin A1 (BafA1; 100 nM) for 12 h or 24 h. Whole-cell extracts (WCEs) were prepared from the Triton-X-100-based lysis buffer, and the samples from the soluble fraction were subjected to SDS-PAGE and immunoblotting (IB) for PSMA4/α3, LC3, and β-actin. Of note, the reduced levels of proteasome subunit PSMA4 under the nutrient deprivation conditions was not recovered when autophagy was either genetically or chemically inhibited, indicating that bulk autophagy hardly results in the degradation of proteasome subunits. (**b**) Significantly accumulated proteasome subunits in the Triton-X-100–insoluble fractions were detected in different cell types such as HEK293 cells and mouse embryonic fibroblasts (MEFs) as in A549 cells. (**c**) Both reversible and irreversible proteasome inhibitors, such as PS341 and epoxomicin, respectively, induced the accumulation of proteasomes in the insoluble fraction of WCEs from A549 cells. (**d**) Lysis buffers containing different detergents, such as NP-40 (1%) or Triton X-100 (1%) showed comparable consequences for the proteasome segregation in A549 cells. These data complement Figs. 1a and 1b.



Supplementary Figure 2. **Inhibited proteasomes were localized in the juxtanuclear aggresome after prolonged MG132 treatment**. (**a**) Low-magnification images of the juxtanuclear inclusion body formed in A549 cells after 12 h treatment with MG132 (10 μM) with or without media washout (12 h). Immunofluorescence staining (IFS) for PSMB5 (red). Most cells showed proteasome-positive signals usually as one large punctum near the nucleus. (**b**) Quantitation of (a). Percentage of cells with aggresomes after MG132 treatment (10 μM for 12 h) or MG132 treatment followed with media washout (12 h) were counted and plotted as mean ± SD of three independent experiments with >1,000 cells. ***, $p < 0.001$ (two-tailed Student's *t* test). (**c**) Proteasome-positive puncta (PSMB5, green) were found to be colocalized with Ub (red) in MG132-treated A549 cells. (**d**) Cystic fibrosis transmembrane conductance regulator (CFTR)-ΔF508 (green), which is a misfolded protein generated during the translational process, was found to colocalize with the proteasome-positive cytoplasmic puncta (PSMB5, red). (**e**) IFS using anti-vimentin antibody. A549 cells were treated with 5 μM MG132 for 12 h. (**f**) The RP subunits such as PSMC5, PSMD2, PSMD5 were localized in an enlarged juxtanuclear inclusion body similar to that of the CP subunit PSMB5 after the prolonged MG132 treatment. Scale bars = 10 μm. These data complement Fig. 1c. (**g**) Quantitative analysis of tomographic images, measuring the mean volume and concentration of the aggresomes (*see* Methods for details). A box-and-whisker plot with N = 29. These data complement Figs. 1d and 1e.

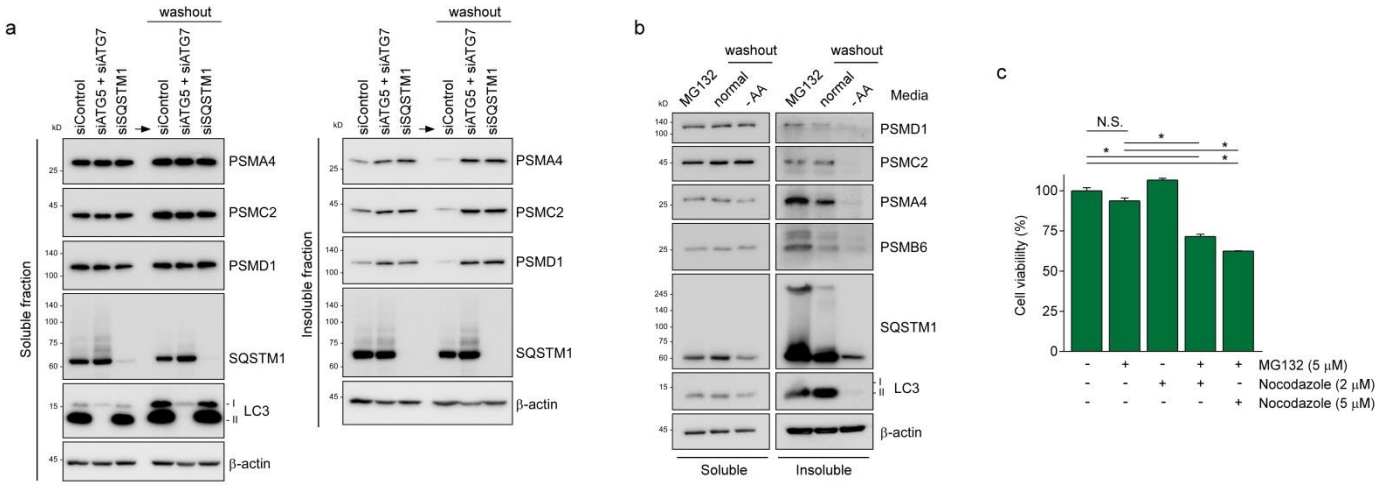


Supplementary Figure 3. Consequences of prolonged treatment with the proteasome inhibitor. (**a**) Fluorescence-activated cell sorting (FACS) analysis was performed to quantify DNA contents and showed little effect of the proteasome inhibitor MG132 (5 μM, 6 h) or glucose deprivation (6 h) on the cell cycle. HeLa cells treated with either MG132 or a glucose-free medium were stained with 4′,6′-diamidino-2-phenylindole (DAPI) and then analyzed by FACS. (**b**) Total RNA was isolated from HeLa cells after the treatment with MG132 (5 μM) for 12 h, and quantitative RT-PCR analyses were performed on proteasome subunit genes, ubiquitin B (*UBB*), ubiquitin C (*UBC*), and autophagy-related genes. The *GAPDH* mRNA levels were used to normalize the other mRNA levels. Statistical significance was analyzed via the means ± SD from three independent experiments (n = 3). *, $p < 0.01$ (one-way analysis of variance (ANOVA) with Bonferroni's multiple comparison test). (**c**) Deposition of proteasomes in the insoluble fractions of HeLa cells when treated with MG132 (5 μM) or with MG132 plus nocodazole (1 μM) 12 h. These data supplement Fig. 1g.

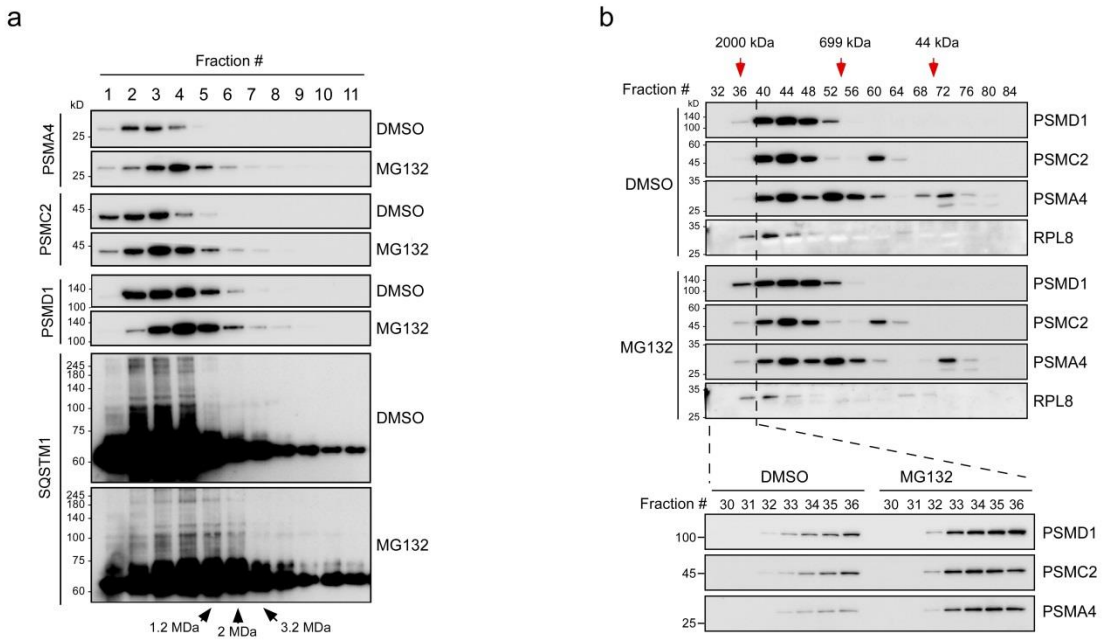


Supplementary Figure 4. **Essential roles of HDAC6 and autophagy in the segregation and degradation of inhibited proteasomes, respectively.** (**a**) (*left*) Endogenous HDAC6 in A549 cells was immunostained after treatment with DMSO or 5 μM MG132 for 12 h, which was found to strongly colocalize with the proteasome-positive inclusion body. IFS with anti-HDAC6 (green) and anti-PSMB5 (red) antibodies. Scale bars = 10 μm. (*right*) Quantitation of the percentage of cells containing HDAC6-

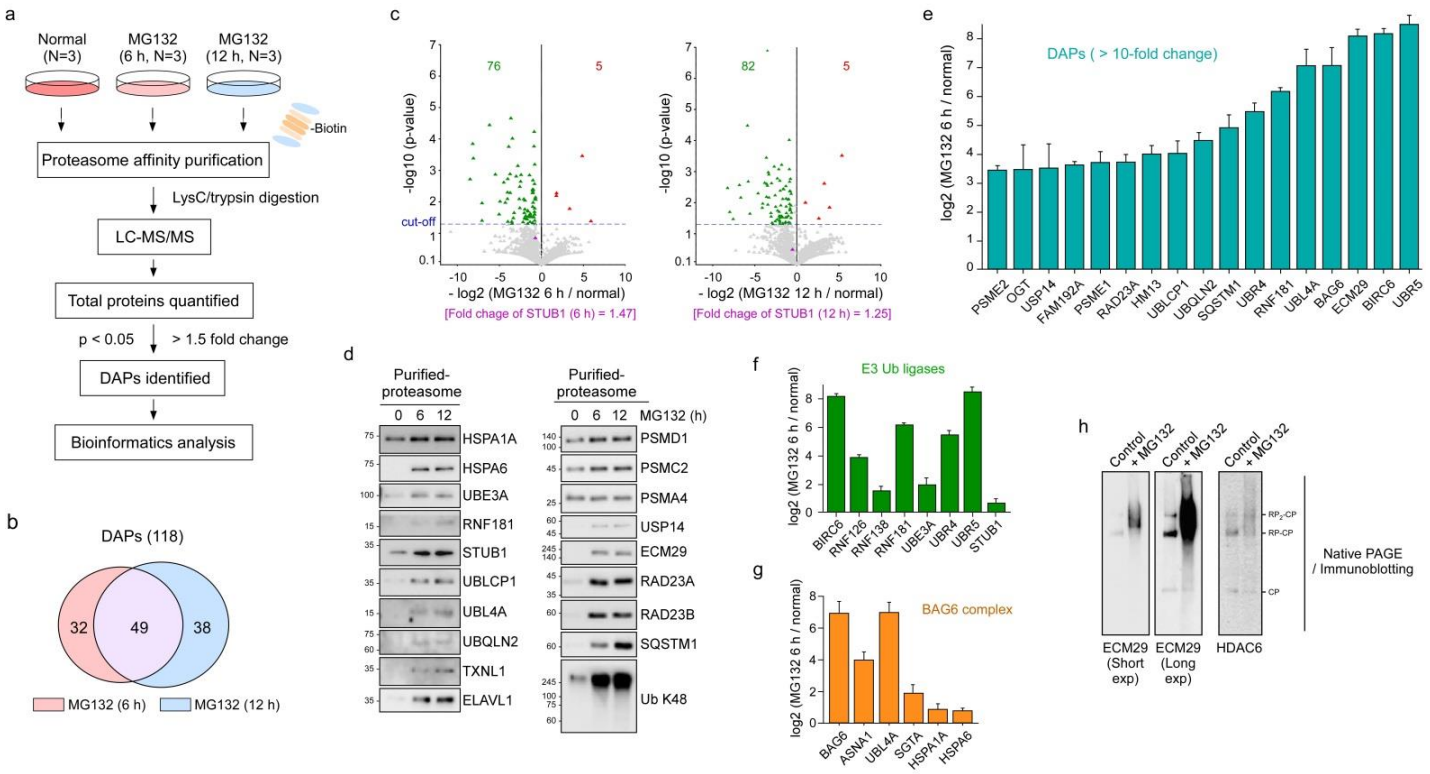
and PSMB5-positive aggresomes. n.s., no significance. (**b**) A549 cells were transfected with either 10 nM scrambled siRNA (siControl) or siRNA for silencing *HDAC6* (siHDAC6). Protein samples were collected 48 h post-transfection, separated into Triton-X-100–soluble and –insoluble fractions, and analyzed by SDS-PAGE/IB. (**c**) Quantitation of IFS results from Figs. 1f and 1i. A549 cells were incubated with either nocodazole (2 μM) plus MG132 (5 μM) for 12 h or siHDAC6 (20 nM for 48 h pretreatment) followed by MG132 treatment (5 μM for additional 12 h). Each bar represents the mean (± SD) of three independent experiments with > 1,000 cells. ***, $p < 0.001$ (one-way ANOVA followed by the Bonferroni *post hoc* test). These data supplement Figs. 1f and 1i. (**d**) Quantitation of PSMA4 (*left*), PSMC2 (*middle*), and SQSTM1 (*right*) signals in Fig. 2a, normalized to those of endogenous β-actin. *, $p < 0.05$, **, $p < 0.01$, ***, $p < 0.001$, compared with 4 h washout points in each condition (one-way ANOVA followed by the Bonferroni *post hoc* test) (**e**) Colocalization of LAMP1 with PSMB5 was detected by IFS after treatment with MG132 (5 μM, 12 h) and a washout in a normal medium, BafA1- or 3-methyladenine (3-MA)-containing medium, or amino acid–deficient (–AA) medium for 12 h. These data supplement Figs. 2b and 2c. Scale bars: 10 μm. (**f**) As in (e), except that initial washout with normal media was performed for 8 h and then secondary washout was proceeded with media containing MG132 (5 μM) or MG132 plus BafA1 (100 nM) for subsequent 4 h. (**g**) HeLa cells were transfected with siSQSTM1 for 24 h, treated with 5 μM MG132 for 12 h, and then subjected to the washout with the normal medium or a BafA1 containing medium. IFS analysis was performed with anti-PSMB5 (green) and anti-SQSTM1 (red) antibodies.



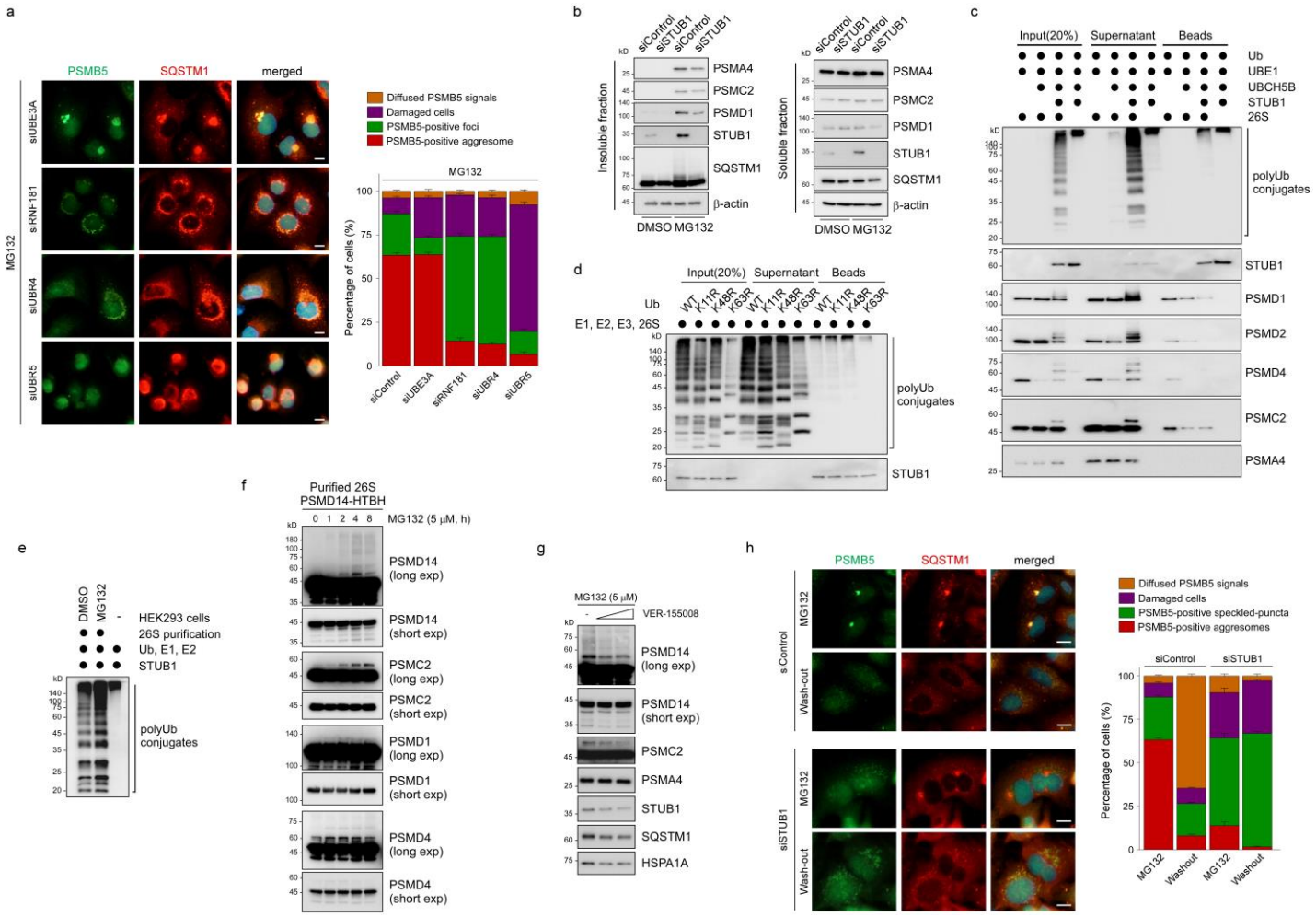
Supplementary Figure 5. **Involvement of autophagy in the proteasome clearance and protective effect of aggresome formation in the cell.** (**a**) The knockdown of autophagy genes resulted in delayed clearance of proteasome subunits in the insoluble fractions after the washout. A549 cells were transfected with siControl, siSQSTM1, and a combination of siATG5 and siATG7 for 48 h. Then, the cells were treated with MG132 (5 μM, 12 h), followed by medium washout for 18 h. Detergent-insoluble fractions were analyzed by IB using CP and RP antibodies. (**b**) During the MG132 washout, an amino acid–deprived (−AA) medium, which induces overall cellular autophagy, was applied. Levels of various proteins such as PSMD1, PSMC2, PSMA4, PSMB6, SQSTM1, LC3, and β-actin in the detergent-soluble and -insoluble fractions were analyzed by SDS-PAGE/IB. (**c**) Cell viability was measured after 5 μM MG132 treatment in the presence or absence of nocodazole (2 or 5 μM). Values are presented as mean ± SD (n = 3); *, $p < 0.01$ (one-way ANOVA with Bonferroni's multiple comparison test). N.S., no significance.



Supplementary Figure 6. Analysis of proteasomes in WCEs after MG132 treatment. (**a**) Sucrose-gradient ultracentrifugation of WCEs from HeLa cells with treatment with DMSO or MG132 (5 μM, 12 h). Fractionized samples were analyzed by SDS-PAGE/IB with antibodies against various proteasome subunits such as PSMD1, PSMC2, and PSMA4, with SQSTM1 as controls. A significant proportion of the CP and RP subunits appeared to be shifted from the free form to the 26S species based on the sizes. (**b**) Size-exclusion chromatography of WCEs from A549 cells with treatment with DMSO or MG132 (5 μM, 12 h). Immunoblotting analysis revealed proteasome subunits in the earlier fractions from the MG132-treated samples. Cofractionated molecular-weight standards such as blue dextran (2 MDa), thyroglobulin (669 kDa), and apoferritin (44.3 kDa) were indicated on top of the immunoblots.

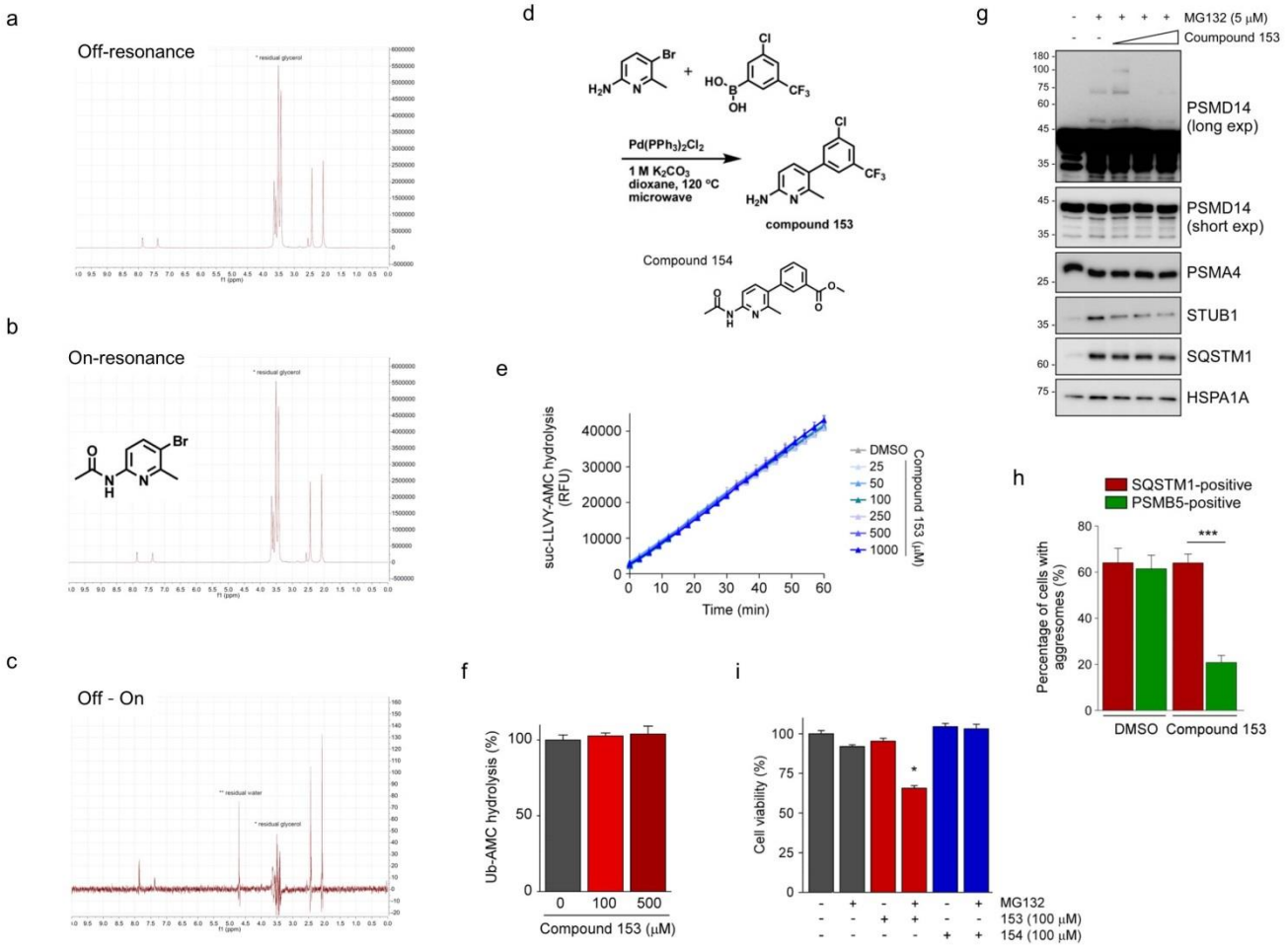


Supplementary Figure 7. **Identification and validation of proteasome-interacting proteins with mass spectrometry (MS) based on intensity-based absolute quantification (iBAQ).** (**a**) An overview of the LC-MS/MS approach, which was used for the quantitation of the inhibited-proteasome–interacting proteins by label-free methods. A total of 118 differentially associated proteins (DAPs) were identified in the cells treated with MG132 for 6 and 12 h, as compared to the cells under normal conditions. (**b**) A Venn diagram summary of the DAPs copurified with the inhibited proteasome. (**c**) The Volcano plot of DAPs. A threshold of the *p* value ($p < 0.05$) is shown as a blue dotted line. Log2 ratios of purified proteasomes after treatment with MG132 to purified proteasomes under normal conditions are shown with gray (<1.5-fold change), green (>1.5-fold increase in purified proteasomes after proteasome inhibition), and red (>1.5-fold decrease in purified proteasomes after proteasome inhibition). (**d**) Immunoblotting analysis of the DAPs identified by iBAQ-MS. (**e**) The list of DAPs with more than 10-fold changes after 6 h of MG132 treatment, which includes E3 Ub ligases, proteasome modifiers, and Ub-like proteins. (**f, g**) Representative quantitation data comparing E3 Ub ligases (f) and the components of the BAG6 complex (g) after MG132 treatment. (**h**) Strong association of ECM29 and HDAC6 with the 26S proteasome was analyzed by non-denaturing (native) PAGE/IB of purified proteasomes.



Supplementary Figure 8. **Critical role of STUB1 in the aggresomal segregation step of inhibited proteasomes.** (**a**) Effects on aggresome formation when A549 cells were transfected siRNA constructs as indicated. The cells were analyzed by IFS with anti-PSMB5 (green) and anti-SQSTM1 (red) antibodies after MG132 treatment (5 μM, 12 h). The columns and error bars in the quantitation based on the punctate morphology represent the mean and S.E.M. of three biological replicates. More than two hundred of the transfected cells were evaluated for proteasome positive aggregation patterns in each experiment. These data supplement Fig. 3a. (**b**) A549 cells were transfected with either 20 nM scrambled siRNA (siControl) or siRNA for silencing *STUB1* (siSTUB1) for 36 h and treated with MG132 (10 μM for 12 h). Protein samples were collected, separated into Triton-X-100–soluble and –insoluble fractions, and analyzed by SDS-PAGE/IB. (**c**) *In vitro* polyubiquitylation of affinity-purified human proteasomes. The 26S proteasomes were and incubated with recombinant Ub, UBE1, UBE2D2, and GST-tagged STUB1 proteins in different combinations. GST-STUB1 was subsequently removed

using glutathione-agarose. The ubiquitylation of 26S proteasomes (Supernatants) and STUB1 (Beads) was monitored with SDS-PAGE/IB using anti-Ub antibodies. These data supplement Fig. 3c. (**d**) As in Fig. 3g, glutathione beads-bound GST-STUB1 was separated from the reaction products in the supernatants and subject to SDS-PAGE/IB using anti-Ub antibodies. (**e**) *In vitro* polyubiquitylation reactions were conducted with purified 26S proteasomes from the cells treated with DMSO or MG132 (5 μM, 12 h) and used for the *in vitro* reaction with Ub, UBE1, UBE2D2, and STUB1. These data complement Fig. 3h. (**f**) *In vivo* ubiquitylation of proteasomes in HEK293 cells stably overexpressing biotin-tagged RP subunit PSMD14, which were treated with MG132 (5 μM) for indicated time periods. Human proteasomes were affinity-purified from WCEs and then analyzed by SDS-PAGE/IB. (**g**) As in (f), except that cells were pre-treated with 0, 25, or 50 μM of HSP70 inhibitor VER-155008 for 2 h, and then treated with MG132 (5 μM) for additional 6h. SDS-PAGE/IB analysis revealed that *in vivo* ubiquitylation of PSMC2 and PSMD14 was delayed in the presence of VER-155008. (**h**) Delayed elimination of cytoplasmic puncta formed in *STUB1* knockdown cells after MG132 treatment (5 μM, 12 h) and after subsequent washout (12 h). The cells were next analyzed by IFS with anti-PSMB5 (green) and anti-SQSTM1 (red) antibodies. The columns and error bars in the quantitation based on the punctate morphology represent the mean and S.E.M. of three biological replicates. More than two hundred of the transfected cells were evaluated for proteasome positive aggregation patterns in each experiment.



Supplementary Figure 9. **Screening of STUB1-interacting fragments, and synthesis and biochemical analysis of compound 153**. (**a** and **b**) Representative ^{1}H-NMR spectroscopic data for the screening of STUB1-interacting fragments. Our screening utilized a ligand-observed NMR assay monitoring differences in the ligand spectra upon interaction with STUB1 proteins. For saturation transfer difference (STD), NMR signals of STUB1 was selectively saturated by radio frequency (RF) irradiation ("Off" status, a) and this saturation was specifically transferred to the hit ligand ("On", b). (**c**) The difference in proton spectra between "Off" and "On" status. Four lead fragments were identified from the primary and secondary screening. The chemical structure of the hit compound is shown. Peaks from residual glycerol (*) and residual water (**) in the screening buffer are indicated in the proton NMR spectra. (**d**) The fragment hits were utilized as *bona fide* starting points for further synthesis of lead compounds to target multiple segments of STUB1 proteins. The brief scheme for compound 153 synthesis is shown. Chemical structure of a structural control compound 154 is also shown. These data

complement Fig. 4a. (**e**) Assays of suc-LLVY-AMC hydrolysis were performed with purified human proteasomes with various concentrations of compound 153, which shows virtually no effect up to 1 mM. (**f**) Deubiquitinating activity of purified proteasomes was monitored by Ub-AMC hydrolysis assay with compound 153. (**g**) *In vivo* ubiquitylation of PSMD14 subunit was delayed with compound 153. Cells were pre-treated with 12.5, 25, or 50 μM compound 153 for 2 h, and then treated with MG132 (5 μM) for 6h. Human proteasomes were affinity-purified from WCEs and then analyzed by SDS-PAGE/IB. Notably, the amounts of proteasome-associating STUB1 decreased in the presence of compound 153. (**h**) Quantitation of A549 cells with PSMB5-positive (green) or SQSTM1-positive (red) aggresomes. Cells were treated with MG132 (5 μM, 12 h) in the absence or presence of compound 153 (75 μM, 12 h). Each bar represents the mean (± SD) of three independent experiments with > 1,000 cells. ***, $p < 0.001$ (two-tailed Student's *t* test). These data supplement Fig. 4e. (**i**) Assessment of cytotoxicity from the small molecules. Compound 153 and 154 were cotreated to A549 cells at 100 μM concentration with 5 μM MG132. After 12 h of the incubation, CellTiter-Glo bioluminometric cell viability assay was performed. Each data point is a mean ± SD of three independent experiments.

SUPPLEMENTARY METHODS

Plasmids, antibodies, and reagents

Plasmids expressing HDAC6 and dynein were purchased from Addgene. Various plasmids encoding STUB1 were kindly provided by J. Song[1]. The plasmid DNA was amplified with the Plasmid Midi Kit (GeneAll), according to the manufacturer's directions, and was stored at −20 ℃ until use. Antibody sources and dilution factors were as follows: anti-β-actin (A1978, Sigma, 1/10,000), anti-Ub (clone P4D1, Santa Cruz Biotechnology, 1/5,000), anti-GAPDH (sc-32233, Santa Cruz Biotechnology, 1/1,000), anti-PSMA4 (PW8115, Enzo Life Science, 1/5,000), anti-PSMA3 (PW8110, Enzo Life Sciences, 1/3,000), anti-PSMB5 (PA1977, Invitrogen, 1/1,000), anti-PSMC2 (sc-166972, Santa Cruz Biotechnology, 1/1,000), anti-PSMD1 (sc-514809, Santa Cruz Biotechnology, 1/1,000), anti-PSMD14 (ab109123, Abcam, 1/1,000), anti-ADRM1 (ABS296-0100, Enzo Life Science, 1/1,000), anti-HDAC6 (MA5-25317, Invitrogen, 1/1,000), anti-ECM29 (PA3-035, Invitrogen, 1/250), anti-FLAG (F1804, Sigma, 1/3,000), anti-GST (MA4-004, Invitrogen, 1/1,000), anti-SQSTM1 (ab56416, Abcam, 1/10,000), anti-LC3 (L7543, Sigma, 1/2,000), anti-STUB1 (A301-572A, Bethyl Laboratories, 1/1,000), and anti-GFP antibody (Enogene, 1/5,000). Sources of major biochemical reagents were as follows: MG132, suc-LLVY-AMC (Bachem); PS341 (LC Laboratories); epoxomicin, Ub-AMC (Boston Biochem); carfilzomib (Cayman); ATP (Calbiochem); Coomassie Brilliant Blue R250 (Sigma). DMEM, RPMI, and EBSS media, fetal bovine serum (FBS), and phosphate-buffered saline (PBS; pH 7.4) were purchased from WelGENE.

Mammalian cell cultures and transient expression

Mammalian cells used in this study, including HEK293, HEK293-PSMB2-biotin, MEFs, and HeLa, CFTR-ΔF508-HeLa cells were grown in DMEM, whereas A549 cells were grown in RPMI 1640. All the culture media were supplemented with 10% of FBS, 100 U/mL penicillin, 100 μg/mL streptomycin, and 2 mM L-glutamine. The cells were maintained in a humidified atmosphere containing 5% of CO_2 at 37 ℃. *STUB1*$^{-/-}$ MEFs were established from homozygous *STUB1* null mice at embryonic day 12.5. Primary MEFs were then immortalized by transfecting Simian Virus 40 large T-antigen. For transient overexpression, cells were transfected with 1–2 μg of total plasmid DNA in a 6-well culture plate (>95% confluent or at a density of 10^6 cells/well) for 36–48 h using Lipofectamine 3000 (Invitrogen), according to the manufacturer's guidelines. For amino acid starvation, the growth medium was replaced with EBSS after two washes with PBS.

Immunofluorescence microscopy

For IFS analysis, cultured cells on a cover glass were fixed with 4% paraformaldehyde in PBS for 10 min. After that, the fixed cells were permeabilized with 0.5% (v/v) Triton X-100 in PBS, blocked with 2% BSA in PBS, and incubated with primary antibodies such as, for examples, the anti-SQSTM1 antibody (1:200 dilution) in the blocking solution for 1 h. Next, the cells were incubated for 40 min with Alexa Fluor 488– or Alexa Fluor 594–conjugated secondary antibodies diluted (1:1,000) for additional 1 h. The cells were then mounted with a 4′,6′-diamidino-2-phenylindole (DAPI)-containing mounting solution (Abcam). Most of the fluorescent signals were monitored and captured using an Olympus fluorescence microscope (IX71) and images were processed using Adobe Photoshop CC. And confocal images were taken by laser scanning confocal microscope LSM 700 (Zeiss) under a 63x oil-immersion objective (c-Apochromat 63x/1.20 W Korr M27) at a definition of 1,024 x 1,024 pixels with the pinhole diameter adjusted to 1 AU. Then, images were analyzed by ZEN 2012 SP5 black edition image browser

(Release ver. 14.0.10.201). Within each figure, all images were captured using identical microscope settings and representative of the whole cell population.

Holotomography imaging

For RI imaging, cells were plated on 50 mm imaging dishes with a #1.5H glass coverslip bottom (TomoDish, Tomocube) and stabilized in a 37 ℃ incubator for 24 h to maintain a confluence of approximately 60%. After 12 h of Mg132 treatment, the cells were washed twice with PBS, followed by replacement of the medium with a fresh complete medium. The light scattered by the cells was transmitted through an objective lens (UPLASAPO 60XW, Olympus) and was then recorded by a CMOS camera (FL3-U3-13Y3M-C, FLIR Systems). The camera was synchronized with the digital micro-mirror device to record 49 holograms of the sample illuminated at different angles. By a phase-retrieval algorithm, the amplitude and phase images of the cells were retrieved from the obtained holograms.

Sphericity quantification

This analysis was performed with the TomoStudio software (ver. 2.7.30; Tomocube). The area of aggresomes corresponding to SQSTM1 antibody fluorescence was cropped, and the RI distribution of aggresomes was determined. Based on the threshold RI value, segmentation was performed using the Analysis tool in TomoStudio to create an iso-surface of the aggresomes. Volume and surface area of the iso-surface were used to calculate the sphericity of aggresomes. The protein concentration was also calculated in TomoStudio. The cytoplasmic protein concentrations are linearly proportional to their RI value via a constant called the RI increment.

Analysis of soluble and insoluble fractions

Cultured cells were washed with ice-cold PBS and lysed with either Triton X-100 buffer (200 mM KCl, 20 mM 4-[2-hydroxyethyl]-1-piperazineethanesulfonic acid-KOH pH 7.9, 1 mM $MgCl_2$, 1 mM EDTA, 1% of Triton X-100, and 10% of glycerol) or RIPA buffer (50 mM Tris-HCl pH 8, 1% of NP-40, 0.5% of deoxycholate, 0.1% of sodium dodecyl sulfate [SDS], and 150 mM NaCl), all supplemented with protease inhibitors. The lysates were then centrifuged at 16,000 × *g* for 30 min at 4 ℃. The supernatants were designated as a detergent-soluble fraction. The pellets were washed with lysis buffer and resuspended in lysis buffer supplemented with 1% of SDS, then were sonicated for 10 s with a microtip sonicator, heated at 100 ℃ for 10 min, and were analyzed as a detergent-insoluble fraction. Equal volumes of each insoluble and soluble fraction were boiled for 10 min in SDS sample buffer and analyzed by IB.

RNA interference

The siRNAs were synthesized by Genolution. Using G-fectin (Genolution) or RNAiMAX (Invitrogen), siRNA was transfected into cells following the manufacturer's protocols. The final concentration of siRNA for the transfection was 20 nM. After 48 h of the transfection, 5 μM MG132 treatment for 12 h and MG132 washout were conducted. The following siRNAs were employed in this study: as a control (5′-CCUCGUGCCGUUCCAUCAGGUAGUU-3′ sense, 5′-CUACCUGAUGGAACGGCACGAGGUU-3′ antisense), for HDAC6 (5′-GAAACAACCCAGUACAUGAUU-3′ sense, 5′-UCAUGUACUGGGUUGUUUCUU-3′ antisense), for SQSTM1 (5′-GACAUCUUCCGAAUCUACAUU-3′ sense, 5′-UGUAGAUUCGGAAGAUGUCUU-3′ antisense), for ATG5 (5′-GCUAUAUCAGGAUGAGAUAUU-3′ sense, 5′-UAUCUCAUCCUGAUAUAGCUU-3′ antisense), for ATG7 (5′-GCUACUUCUGCAAUGAUGUUU-3′ sense, 5'-ACAUCAUUGCAGAAGUAGCUU-3′ antisense), for STUB1 (5′- CGCUG

GUGGCCGUGUAUUAUU-3′ plus 5′-CUUCGAAUCGCGAAGAAGAUU-3′ sense, 5′-UAAUACAC GGCCACCAGCGUU-3′ plus 5′-UCUUCUUCGCGAUUCGAAGUU-3' antisense), for BIRC6 (5′-CCUAGUUGCUCCUAUUCUUUU-3′ sense, 5′-AAGAAUAGGAGCAACUAGGUU-3′ antisense), for UBE3A (5′-CAAGAAAGGCGCUAGAAUUUU-3′ plus 5′- CAACUCCUGCUCUGAGAUAUU-3′ sense, 5′-AAUUCUAGCGCCUUUCUUGUU-3′ plus 5′-UAUCUCAGAGCAGGAGUUGUU-3' antisense), for RNF181 (5′-CACUGAUGACGACACUUAUUU-3′ sense, 5′-AUAAGUGUCGUCAU CAGUGUU-3′ antisense), for UBR4 (5′-CAACAUCUGCCCUUCAAAUUU-3′ sense, 5′-AUUUG AAGGGCAGAUGUUGUU-3′ antisense), and for UBR5 (5′-GCUUGAUGAGCCAUUAGAAUU-3′ sense, 5′-UUCUAAUGGCUCAUCAAGCUU-3′ antisense).

Quantitative RT-PCR

Total RNA from cultured cells was isolated via the TRIzol Reagent (Invitrogen), followed by further purification by on-column DNase I treatment on RNeasy Mini-Columns (Qiagen). cDNA samples were prepared by reverse transcription with the Accupower RT-preMix (Bioneer). Then, quantitative RT-PCR reactions were carried out on a Rotor-Gene RG 3000 system (Corbett Research) with diluted cDNA and 10 pmol of target gene–specific primers. The SYBR qPCR master mixture (Kapa Biosystems) served as the reporter dye. Thermal cycling conditions included 95 ℃ for 3 min to allow for enzyme activation, followed by 40 cycles of 95 ℃ for 10 s, 53 ℃ for 15 s, and 72 ℃ for 30 s. The level of each mRNA was normalized to *GAPDH* levels of each cDNA sample, and the values were plotted as mean ± SD of three independent experiments. The target gene–specific primer sequences were as follows: for PSMB5, forward 5′-ACTACGTGGACAGTGAAGGG-3′ and reverse 5′-GGCATCTCTGTAGGTGGCTT-3′; for PSMD4, forward 5′-CTTCGTGTATCTATGGAA-3′ and reverse 5′-TCATACTGCTTAGGTCAGG-3′; for PSMA7 forward 5′-AAGCAGCGTTATACGCAGAG-3′ and reverse 5′-CATCAAAGTCGAAACCCACGAT-3′; for PSMA4, forward 5′-AGAAGTGGAGCAGTTGATCA-3′ and reverse 5′-TCTCTGATTCTATTTATCCTTTTCT-3′; for PSMD4, forward 5′-AACAGTGAGTATATGCGGAATGG-3′ and reverse 5′-ACTTCACAGTCATTAGCCAGTG-3′; for RSP27A, forward 5′-TCTCGACGAAGGCGACTAAT-3′ and reverse 5′-TCGTGGTGGTGCTAAGAAAA-3′; for UBA52, forward 5′-AGGAGGGTATCCCACCTGAC-3′ and reverse 5′-CAGGGTGGACTCTTTCTGGA-3′; for UBC, forward 5′-CCTGGTGCTCCGTCTTAGAG-3′ and reverse 5′-TTTCCCAGCAAAGATCAACCT-3′; for UBB, forward 5′-TGCGTCTGAGAGGTGGTATG-3′ and reverse 5′-GCCTTCACATTTTCGATGGT-3′; for SQSTM1, forward 5′-AAGCCGGGTGGGAATGTTG-3′ and reverse 5′-CCTGAACAGTTATCCGACTCCAT-3′; for LC3, forward 5′-AACATGAGCGAGTTGGTCAAG-3′ and reverse 5′-GCTCGTAGATGTCCGCGAT-3′; for ATG5, forward 5′-GCAAGCCAGACAGGAAAAAG-3′ and reverse 5′-GACCTTCAGTGGTCCGGTAA-3′;for ATG12, forward 5′-CCCAGACCAAGAAGTTGGAA-3′ and reverse 5′-GTCTCTTGCCACAAGCATCA-3′; and for GAPDH, forward 5′-GAGTCAACGGATTTGGTCGT-3′ and reverse 5′-GACAAGCTTCCCGTTCTCAG-3′.

Purification of recombinant proteins and 26S human proteasomes

Recombinant proteins were purified as previously described[1, 2]. Briefly, pGEX-4T-1-hSTUB1 was transfected into *Escherichia coli* BL21, and the resultant cultures were incubated at 37 °C until optical density at 600 nm (OD_{600}) reached 0.5. After addition of 0.2 mM isopropyl β-d-1-thiogalactopyranoside, cells were cultured overnight at 20 °C with agitation. The cells were resuspended in lysis buffer (50 mM NaH_2PO_4 pH 7.4, 300 mM NaCl, 20 mM β-mercaptoethanol, and 30% of glycerol) containing the

protease inhibitor cocktail and were lysed by sonication. After the lysate was centrifuged, the supernatant was incubated with Glutathione Sepharose (GE Healthcare) at 4 °C for 15 h. The resin was washed three times with washing buffer (lysis buffer with 0.2% of Triton X-100), then GST-hSTUB1 protein was eluted with 10 mM glutathione and concentrated on an Amicon ultracentrifugal filter (Millipore).

Human proteasome holoenzymes were isolated by affinity purification from a stable HEK293 cell line expressing biotin-tagged human PSMB2 as previously described with slight modifications[2]. The cells were cultured in 15 cm culture dishes, harvested with lysis buffer (50 mM NaH_2PO_4 [pH 7.5], 100 mM NaCl, 10% of glycerol, 5 mM $MgCl_2$, 0.5% of NP-40, 5 mM ATP, and 1 mM dithiothreitol) containing protease inhibitors, and were homogenized in a Dounce homogenizer. After that, the lysates were centrifuged at 16,000 × *g* for 15 min at 4 ℃. Next, the supernatants were incubated with BioMag Streptavidin resin (Qiagen) for 6 h at 4 ℃. The beads were washed with lysis buffer and TEV buffer (50 mM Tris-HCl [pH 7.5], 1 mM ATP, and 10% of glycerol). The 26S proteasomes were eluted from the resin by incubation with TEV protease (Invitrogen) in TEV buffer containing 1 mM ATP for 1 h at 30 ℃. Then, the eluted proteasomes were concentrated using Amicon ultracentrifugal filters.

Measurement of proteasome activity and deubiquitinating activity

Hydrolysis of fluorogenic peptide substrates suc-LLVY-AMC (Bachem) was quantified to determine the proteolytic activity of proteasomes. Briefly, the fluorogenic-peptide substrate hydrolysis assay was carried out with 10 μg of WCEs and 12.5 μM suc-LLVY-AMC. The reaction mixture contained 50 nM Tris-HCl pH 7.5, 1 mM EDTA, 1 mg/mL BSA, 1 mM ATP, and 1 mM DTT. Deubiquitinating activity was measured with hydrolysis of Ub-AMC (Boston Biochem). Proteasomal activity and deubiquitinating activity were monitored by measurement of free AMC fluorescence in a black 96-well plate on a TECAN Infinite m200 fluorometer.

Cell cycle analysis

After the treatment with either dimethyl sulfoxide (DMSO) or MG132 for various periods at several concentrations, the cells were collected by trypsinization. Each pellet was washed three times with cold PBS and fixed in 70% ethanol at 4 ℃ overnight. They were then centrifuged at 200 × *g* for 5 min at room temperature. After that, each cell pellet was resuspended in PBS and incubated with the DAPI/Triton X-100 staining solution and RNase A (50 μg/mL, Sigma) at room temperature for 30 min in the dark. The cells were next analyzed by flow cytometry (BD LSRFortessa) with UV light excitation at 340 to 380 nm. Data analysis was performed in the Flowjo software.

Assessment of cell viability

This property was assessed by the CellTiter-Glo Luminescent Cell Viability Assay (Promega) kit in accordance with the manufacturer's protocol. Briefly, cells were grown in black-wall/clear-bottom 96-well plates, treated with either MG132 (5 μM) or nocodazole (2 or 5 μM), and then luminescence substrates were added in the same volume as the cell culture medium. The mixture was incubated for 10 min at room temperature on a shaker, followed by luminescence measurement.

Nondenaturing gel electrophoresis

Native gel analysis of purified proteasomes or cell lysates was performed largely as described before[3]. Briefly, samples were resolved by native PAGE using NuPAGE 3-8% Tris-Acetate Protein Gels (Thermo Fisher) at 150 V for 3–4 h. Then proteins in the gel were directly analyzed by in-gel suc-

LLVY-AMC hydrolysis assay, or transferred to polyvinylidene difluoride membranes and subsequently immunoblotted for proteasome subunits and proteasome-interacting proteins.

LC-MS/MS analysis

LC-MS/MS analysis on a Q Exactive Plus Hybrid Quadrupole-Orbitrap mass spectrometer (Thermo Fisher Scientific) was performed as previously described[4]. Briefly, peptide samples were separated on a two-column system, consisting of a trap column and an analytical column (75 μm × 50 cm), with a 120 min gradient from 7% to 32% acetonitrile at 300 nL/min. Column temperature was maintained at 60 ℃ with a column heater. The MS/MS spectra were acquired at a resolution of 17,500 at m/z ≈ 200 with 30% of normalized collision energy. The maximum ion injection time for the full scan and MS/MS scan was 20 and 100 ms, respectively.The obtained raw MS data were processed in MaxQuant version 1.5.3.1, which was also employed for postacquisition precursor m/z calibration, MS/MS spectrum peak picking, and peptide quantification[5]. The MS/MS spectra were subjected to searches in the Human UniProt protein sequence database by means of the Andromeda search engine. Mass tolerance for precursor ions and MS/MS ions was set to 6 and 20 ppm, respectively. The global false discovery rate for the peptide, protein, and modification level was set to 1%.

For label-free quantification of proteasome-associated proteins, the iBAQ algorithm[6] was utilized as part of the MaxQuant platform. Briefly, the iBAQ values, which are the raw intensities divided by the number of theoretical peptides and proportional to the molar quantities of the proteins, were normalized to the average values of 14 CP subunits (PSMA1 to PSMA7 and PSMB1 to PSMB7). A DAP was considered statistically significant if its fold change was ≥1.5 and if it had a P value <0.05. For a comparison of proteomes, two-sided *t* tests were performed with a significance level of 5%. All statistical analyses were performed in the Perseus software.

Size exclusion chromatography and sucrose-gradient ultracentrifugation

Cell lysates were centrifuged twice at 18,000 × *g* for 30 min at 4 °C. The final supernatant of each condition was loaded (11 mg by protein) onto a column and eluted with proteasome SEC buffer (50 mM NaH_2PO_4 [pH 7.5], 10 mM NaCl, 5 mM $MgCl_2$, 5 mM ATP, and 1 mM DTT). SEC was carried out on a Superose 6 Increase 10/300 GL column by fast protein liquid chromatography (ÄKTA; GE Healthcare); 0.25 mL fractions were collected, and 10% glycerol was added to each fraction. Each standard was prepared at a concentration of 3 mg/mL in PBS, and the standards were loaded onto a column simultaneously. Blue dextran (M_r: 2,000,000) peaked in fraction 36, thyroglobulin (M_r: 669,000) peaked in fraction 54, and ovalbumin (M_r: 44,000) in fraction 70.

For sucrose-gradient ultracentrifugation, HeLa cells were added by 15 mL of warm PBS containing 100 μg/mL cycloheximide and kept for 15 min to immobilize ribosomes on mRNAs. After that, the cell extracts were resuspended with 1 mL of lysis buffer (50 mM 3-[N-morpholino]propanesulfonic acid, 15 mM $MgCl_2$, 150 mM NaCl, 100 μg/mL cycloheximide, 0.5% of Triton X-100, 1 mg/mL heparin, 0.2 U/μL RNase inhibitor, 2 mM phenylmethylsulfonyl fluoride, and 1 mM benzamidine) and centrifuged. After harvesting, the soluble fraction was loaded on top of a pre-established sucrose gradient (10 mL, 10–50%) and centrifuged at 36,000 rpm in a Beckman SW-41 Ti rotor for 2 h at 4 °C. After that, gradients were fractionated and collected using the ISCO tube piercer (Brandel) and fraction collector (Bio-Rad) according to absorbance at 254 nm.

***In vitro* ubiquitylation of purified proteasomes**

For ubiquitylation of the purified proteasome, 50 μM ubiquitin (Boston Biochem) or mutant ubiquitin (K11R, K48R, or K63R; Enzo), 150 nM UBE1 (UBPBio), and 1 μM UBE2D2 (Boston Biochem) were

incubated for 10 min at room temperature in 1× ATP buffer (50 mM Tris-HCl [pH 7.4], 100 mM NaCl, 10% of glycerol, 5 mM DTT, 2 mM ATP, and 10 mM $MgCl_2$). Then, 500 nM GST-STUB1 and 60 nM purified proteasome were added, and total reaction volume was brought to the necessary value with reaction buffer (50 mM Tris-HCl pH 7.4, 100 mM NaCl, and 10% of glycerol). The reactions were allowed to proceed for 4 h at 37 °C. The reactions were stopped by the addition of SDS sample buffer and then loaded on a gel for IB analysis.

To remove GST-STUB1 from the *in vitro* ubiquitylation reactions of the proteasome, reaction products were incubated with pre-equilibrated glutathione-sepharose 4B beads (GE Healthcare) with gentle rotation at room temperature for 2 h. Then, the beads and the supernatant were separated by brief centrifugation at 600 × *g*. The beads were washed 3 times with Ub reaction buffer (50 mM Tris-HCl [pH 7.4], 100 mM NaCl, and 10% glycerol). Proteins bound to the beads were resuspended in 2 × SDS sample buffer, boiled for 10 min, and loaded on a gel for IB analysis.

^{1}H ligand-observed STD NMR screening

For NMR screening, the protein buffer was exchanged by ultrafiltration with a solution of 50 mM NaCl, 10 mM potassium phosphate, and 0.1 mM NaN_3 (pH 7.0). In order to identify compounds that can bind to STUB1 protein, we employed ^{1}H ligand-observed NMR screening methods like the Saturation-Transfer Difference (STD) experiment with 2nd Generation BIONET Premium Fragment Library. Each fragment was stocked as 100 mM DMSO-d_6 solution. The STD NMR experiments were carried out at 293 K on an 800 MHz Bruker NMR spectrometer equipped with a cryoprobe. Preliminary STD NMR screenings were performed with a mixture of five different fragments. NMR samples (500 μL) for STD experiments were prepared with 1 mM of each fragment in 50 mM NaCl, 10 mM potassium phosphate, and 0.1 mM NaN_3 at pH 7.0 in D_2O either in the presence or absence of 1 μM of STUB1. For fragments presenting the binding potential, secondary STD NMR experiments were carried out with the single fragment itself to confirm the binding.

Synthesis of compound 153

To a solution of 5-bromo-6-methylpyridin-2-amine (100 mg, 0.54 mmol) in dioxane (7.1 mL) were added (3-chloro-5-(trifluoromethyl)phenyl)boronic acid (100 mg, 0.45 mmol) and 1 M aqueous solution of potassium carbonate (1.78 mL) at ambient temperature in a microwave vial. The resulting suspension was purged with nitrogen for 3 min, and bis(triphenylphosphine)palladium(II) dichloride (31.6 mg, 0.045 mmol) was added and the microwave vial was sealed with a microwave cap. Then, microwave was applied to the mixture at 120 ℃ for 3 h. The mixture was cooled down, diluted with ethyl acetate, and washed with water. The organic layer was dried with magnesium sulfate, filtered, and concentrated *in vacuo*. The residue was purified by preparative thin layer column chromatography (50% ethyl acetate-hexanes) to provide 5-(3-chloro-5-(trifluoromethyl)phenyl)-6-methylpyridin-2-amine (LSM153). ^{1}H-NMR (400 MHz, DMSO-d_6): δ 7.78 (s, 1H), 7.72 (s, 1H), 7.62 (s, 1H), 7.33 (d, 1H, J = 8.0 Hz), 6.37 (d, 1H, J = 8.0 Hz), 6.11 (s, 2H), 2.25 (s, 3H). (30 mg; yield 23. 5%).

SUPPLEMENTARY REFERENCES

1. Seo, J. *et al.* CHIP controls necroptosis through ubiquitylation- and lysosome-dependent degradation of RIPK3. *Nat Cell Biol* **18**, 291-302 (2016).
2. Han, D.H. *et al.* Direct cellular delivery of human proteasomes to delay tau aggregation. *Nat Commun* **5**, 5633 (2014).
3. Choi, W.H. *et al.* Open-gate mutants of the mammalian proteasome show enhanced ubiquitin-conjugate degradation. *Nat Commun* **7**, 10963 (2016).
4. Han, D., Jin, J., Woo, J., Min, H. & Kim, Y. Proteomic analysis of mouse astrocytes and their secretome by a combination of FASP and StageTip-based, high pH, reversed-phase fractionation. *Proteomics* **14**, 1604-1609 (2014).
5. Tyanova, S. *et al.* The Perseus computational platform for comprehensive analysis of (prote)omics data. *Nat Methods* **13**, 731-740 (2016).
6. Schwanhausser, B. *et al.* Global quantification of mammalian gene expression control. *Nature* **473**, 337-342 (2011).

SUPPLEMENTARY TABLE

Supplementary Table 1. (**a**) All the proteins identified by iBAQ-MS. (**b**) Normalized quantities of the identified proteins based on the levels of CP subunits. (**c**) Proteins differentially associated with proteasomes after 6 h MG132 treatment. (**d**) Proteins differentially associated with proteasomes after 12 h MG132 treatment. Proteomic raw data are available via ProteomeXchange with identifier PXD019193.

Table S1. Total identified proteins_raw value

Protein IDs	Protein names	Gene names	DMSO #1	DMSO #2	DMSO #3	MG132 6 h #1	MG132 6 h #2	MG132 6 h #3	MG132 12 h #1
A00006;P49721	Proteasome subunit beta type-2	PSMB2	3036700000	5515900000	2610200000	3452500000	2758900000	3222700000	2755900000
A00007;O00487;C9JW37	26S proteasome non-ATPase regulatory subunit 14	PSMD14	779070000	712710000	244120000	1204000000	529520000	979780000	884700000
A0A024QZ42;O75340;O75340-2;H0Y9X3;A0A087WZ38	Programmed cell death protein 6	PDCD6	7841600	0	0	20017000	0	1865500	6146700
A0A024QZX5;A0A087X1N8;P35237	Serpin B6	SERPINB6	388330	0	0	0	0	0	454570
A0A075B6F6;Q8TCT9-5;Q8TCT9;Q8TCT9-4;Q8TCT9-2	Minor histocompatibility antigen H13	HM13	198380	0	0	1122900	899330	749970	532050
A0A075B6L0;A0A075B6K9;A0A075B6K8;A0A087WWC9;A0A087WXC3;A0A087WWU7;A0A087WYN7;A0A087WWT5;A0A087WU42;A0A087X2A1;A0A087WYR4;A0A087WX49;P0CG06;P0CG05;P0CG04;P0CF74;B9A064	Ig lambda-3 chain C regions;Ig lambda-2 chain C regions;Ig lambda-1 chain C regions;Ig lambda-6 chain C region;Immunoglobulin lambda-like polypeptide 5	IGLC3;IGLC2;IGLC1;IGLL5;IGLC6	1694200	2692300	2374900	492730	2828200	3069400	1103800
A0A075B6N9;A0A087X2C0;A0A087WYJ9;P04220;P01871;P01871-2	Ig mu heavy chain disease protein;Ig mu chain C region	IGHM	2250300	0	0	1200500	0	0	1197300
H0YN88;A0A075B716;P0CW22;P08708;H0YN73;H3BNC9	40S ribosomal protein S17-like;40S ribosomal protein S17	RPS17;RPS17L	398270000	526220000	2489100	136520000	515080000	24537000	55578000
A0A075B7D9;Q92804-2;Q92804;A0A075B7E4;A0A075B7F2;A0A075B7F4	TATA-binding protein-associated factor 2N	TAF15	3180300	1085000	0	2275700	0	0	1455600
E2QRB9;E9PIR7;F8W809;A0A087WSW9;E9PNQ6;A0A087WSY9;Q16881-7;Q16881-5;Q16881-2;Q16881-4;Q16881-3;Q16881-6;Q16881;E9PKD3	Thioredoxin reductase 1, cytoplasmic	TXNRD1	1392400	1846500	200820	1397000	551970	1121500	1802300
A0A087WT20;Q9NV06;A0A087X1F8;B3KME9	DDB1- and CUL4-associated factor 13	DCAF13	301920	442490	0	843360	0	0	0
A0A087WT27;J3KN95;O95394;O95394-3;O95394-4;H0Y8I3;D6RIS6;H0Y987	Phosphoacetylglucosamine mutase	PGM3	759210	450540	0	684850	276200	0	0
A0A087WTB8;P15374;Q5TBK7	Ubiquitin carboxyl-terminal hydrolase;Ubiquitin carboxyl-terminal hydrolase isozyme L3	UCHL3	1101700	0	0	2246500	0	571110	2237800
Q1JUQ3;A0A087WTS4;A0A087WV48;A0A087WZM5;P62942	Peptidyl-prolyl cis-trans isomerase;Peptidyl-prolyl cis-trans isomerase FKBP1A	FKBP12-Exin;FKBP1A	46451000	23266000	2398600	39159000	10522000	9669500	15833000
A0A087WTV6;Q96C36;A0A087WZR9;J3KR12	Pyrroline-5-carboxylate reductase 2;Pyrroline-5-carboxylate reductase	PYCR2	1760400	1221200	0	1315000	889440	0	307780
A0A087WWG9;A0A087WVR3;A0A087WTW0;Q96T88;Q96T88-2;Q96PU4	E3 ubiquitin-protein ligase UHRF1	UHRF1	0	0	0	0	206280	0	0
A0A087WTY9;Q9Y605	MORF4 family-associated protein 1	MRFAP1	1311000	0	0	4726600	0	0	3273000
A0A087WU08;J3QR68;H0Y300;P00738-2;P00738;J3QLC9;H3BS21;P00739;P00739-2	Haptoglobin;Haptoglobin alpha chain;Haptoglobin beta chain	HP	5431900	2033900	458140	4167500	268730	223310	3962500
A0A087WU53;Q9H0U3	Magnesium transporter protein 1	MAGT1	0	0	0	0	1585600	1181400	968090
A0A087WUB9;Q8WYA6;Q8WYA6-4;Q8WYA6-3;Q8WYA6-2;A2A2P1	Beta-catenin-like protein 1	CTNNBL1	1079100	941610	0	359520	456320	0	0
A0A087WUC6;E9PI68;Q15005;E9PL01;E9PRB9;H0YE04	Signal peptidase complex subunit 2	SPCS2	392190	0	0	0	0	930200	264930
A0A087WUD1;Q6DD87	Zinc finger protein 787	ZNF787	384820	1285900	0	848500	0	0	61580
A0A087WUK2;O14979;O14979-3;O14979-2	Heterogeneous nuclear ribonucleoprotein D-like	HNRNPDL	33339000	21534000	16637000	35749000	2517300	2616000	2562000
A0A087WUK3;A0A087X2D2;A2A2M0;Q9NQG5	Regulation of nuclear pre-mRNA domain-containing protein 1B	RPRD1B	0	0	0	1952500	0	1466200	542090
A0A087WUL2		PSMB3	4751300	9137700	537460	7463700	10413000	7676500	5092300
E7ETK0;A0A087WUS0;P62847-2;P62847-3;P62847;P62847-4	40S ribosomal protein S24	RPS24	93827000	62161000	816170	10725000	181530000	0	11246000
B4DGW0;A0A087WUY7;O75928-3;O75928-2;O75928;O75925;O75925-2	E3 SUMO-protein ligase PIAS2;E3 SUMO-protein ligase PIAS1	PIAS2;PIAS1	0	183410	0	400860	0	0	148990
A0A087WV05;Q99417	C-Myc-binding protein	MYCBP	20655000	23324000	8865300	14592000	11921000	7931700	11808000
Q5T123;A0A087WV23;Q9H299	SH3 domain-binding glutamic acid-rich-like protein 3	SH3BGRL3	1437900	0	3394100	2332000	305280	16843000	2843100
A0A087WV29;Q9H0A0-2;Q9H0A0;E9PMU0	N-acetyltransferase 10	NAT10	1546400	3146000	0	31468	874340	0	0
A0A087X1E5;A0A087WV46;C9JXA7;Q0VGL1	Ragulator complex protein LAMTOR4;Ragulator complex protein LAMTOR4, N-terminally processed	LAMTOR4	2347200	0	0	0	0	0	1989200
A0A087X1C7;A0A087X010;A0A087WV47;A0A087X079;A0A087WYE1;A0A087WYC5;P01857	Ig gamma-1 chain C region	IGHG1	0	5065400	918960	1181800	2077500	4076800	176310
A0A087WV66;P46013;P46013-2	Antigen KI-67	MKI67	475840	895560	0	208750	205900	0	0
A0A087WV73;P46087;P46087-4;P46087-2;P46087-3;F5GWB7;F5H709;F5H5X6;F5GYR3;F5H359;F5H8G6	Probable 28S rRNA (cytosine(4447)-C(5))-methyltransferase	NOP2	2744200	3738300	0	0	4798000	0	0
A0A087WVB0;Q9BQ39;A0A087WVC1	ATP-dependent RNA helicase DDX50	DDX50	1540300	4140200	0	83616	2986800	374370	0
A0A087WVD7;Q9Y3D8-2;Q9Y3D8;A0A087WY94;D6RDH4	Adenylate kinase isoenzyme 6	TAF9;AK6	0	0	0	7343600	0	996550	1395100
A0A087WVM4;B7ZM99;Q6UB35;Q4VXM0;H0Y327;Q4VXM1;Q6UB35-2	Monofunctional C1-tetrahydrofolate synthase, mitochondrial	MTHFD1L	0	0	383940	2753600	0	0	26874
A0A087WVM7;V9GYP5;A0A087WWQ2;Q92979	Ribosomal RNA small subunit methyltransferase NEP1	EMG1	361780	417500	412490	0	0	0	0
A0A087WVQ6;Q00610-2;Q00610;J3KS13;P53675-2;P53675;A0A087WX41;K7EJJ5;J3KSQ2;J3KRF5;J3QL20;F5H5N6;A0A087WV74;A0A087WXH4	Clathrin heavy chain;Clathrin heavy chain 1	CLTC	15817000	7922000	2279100	23838000	7609100	5721900	11994000
A0A087WVV1		PSMB2	16615000	12187000	7840700	24051000	0	0	23806000
A0A087WW40;Q9Y371;Q9Y371-2	Endophilin-B1	SH3GLB1	0	0	0	351930	0	0	0
A0A087WW66;H7BZR6;H7C378		PSMD1	566760000	894820000	601620000	836330000	732410000	1011000000	648550000
A0A087WWL9;A2AEA2;P10321;F6U0H7;Q31612;P30499;Q95604;F8W9Z8;Q09160	HLA class I histocompatibility antigen, Cw-7 alpha chain	HLA-C	0	0	0	8191100	1861000	4464600	6355000
A0A087WWM0;O43617-2;O43617;A0A087WYS5;A6NKE1	Trafficking protein particle complex subunit 3	TRAPPC3	0	0	0	942840	0	0	423840
A0A087WWP8;Q5VWQ0;Q5VWQ0-4	Round spermatid basic protein 1	RSBN1	0	667300	0	0	242620	0	0
A0A087WWY3;Q5HY54;Q60FE5;P21333-2;P21333;F8WE98	Filamin-A	FLNA	653450	312920	0	41311	0	12360	0
A0A087WXF2;P47928	DNA-binding protein inhibitor ID-4	ID4	0	0	0	2114700	0	582100	1507200
B7Z879;A0A087WXL6;Q9H270;A0A087X2J4	Vacuolar protein sorting-associated protein 11 homolog	VPS11	347930	137230	16880000	821870	109100	1609300	49369000
A0A087WXM6;J3QQT2;J3KRX5;P18621;P18621-3;J3QLC8;P18621-2;J3KRB3;A0A087WWH0;J3QS96;A0A087WY81;J3KSJ0;K7EQ71;K7EKI8;O60437	60S ribosomal protein L17	RPL17	251770000	365130000	0	35360000	314630000	4842100	22037000
A0A087WXS7;O43681;K7ERW9	ATPase ASNA1	ASNA1	337080	1565800	0	9570600	3807900	7723600	6434400
A0A087WXZ3;Q9Y5A9;Q9Y5A9-2;A0A024R7W5;A0A087X0Q1;A0A087WY31;Q7Z739;S4R3V3;S4R3J8	YTH domain-containing family protein 2;YTH domain-containing family protein 3	YTHDF2;YTHDF3	5835500	5885300	1257000	3694400	1828300	1455600	3431500
A0A087WY43;P06493;E5RIU6;A0A087WZZ9;P06493-2	Cyclin-dependent kinase 1	CDK1	13729000	4352800	0	20965000	4497000	7464100	13168000
A0A087WY55;Q9NP79;Q5TGM0;Q9NP79-2	Vacuolar protein sorting-associated protein VTA1 homolog	VTA1	1710900	1419800	2969900	1694700	0	0	686350
A0A087WY71;E9PFW3;Q96CW1-2;Q96CW1;C9JJ47;C9JTK4;C9JGT8	AP-2 complex subunit mu	AP2M1	0	0	0	644150	0	0	94850
F2Z2I8;A0A087WYB4;Q9UJZ1-2;Q9UJZ1	Stomatin-like protein 2, mitochondrial	STOML2	1981300	0	0	838110	0	0	345870
F5H7V1;G3V1R5;A0A087WYK8;B1AKJ5;O43847;O43847-2;H0Y5G9	Nardilysin	NRD1	221370	0	0	372790	111700	0	385710
A0A087WYR3;O43399-6;O43399-2;O43399-4;O43399;O43399-3;O43399-5;O43399-7;A0A087WZ51	Tumor protein D54	TPD52L2	0	0	0	455520	0	0	1044600
A0A087WYS1;E7EUC7;Q16851-2;Q16851;C9JTZ5;C9JUW1;C9JWG0;C9JVG3;C9JQU9;C9JNZ1	UTP--glucose-1-phosphate uridylyltransferase	UGP2	856730	0	0	543630	0	0	397840
A0A087WYU1;Q9Y5X1	Sorting nexin;Sorting nexin-9	SNX9	563850	650480	0	836910	65359	921570	622180
A0A087WZ30;O94761;V9GYB6;A0A087X072;A0A087WTJ0;V9GZ64	ATP-dependent DNA helicase Q4	RECQL4	0	0	0	2987900	68012	0	0
A0A087WZ40;Q14244-5;Q14244-3;Q14244-2;Q14244-6;Q14244-4;Q14244;Q14244-7	Ensconsin	MAP7	0	0	0	0	0	0	0
A0A087WZH7;P29966	Myristoylated alanine-rich C-kinase substrate	MARCKS	13842000	7727000	1874200	15205000	3985300	4085300	8430000
A0A087WZK9;B3KS98;O15372;E5RJT0;E5RGU4	Eukaryotic translation initiation factor 3 subunit H	EIF3H	2290500	5012300	0	2891700	1117400	1574900	769150
D6R9P3;D6RD18;D6RBZ0;A0A087WZV1;Q99729-3;Q99729-2;Q99729-4	Heterogeneous nuclear ribonucleoprotein A/B	HNRNPAB	43289000	18157000	9000600	71085000	28926000	34338000	41110000
A0A087WZW8;A0A087X130;A0A087WYL9;A0A087WWV8;A0A087WTX5;P01834;A0A075B6H6;A0A087WUS2;P04433	Ig kappa chain C region	IGKV3-11;IGKC;IGKV1-8	1539600	13401000	1340600	4169300	5740700	4439600	1674200
A0A087X020;Q9Y3A5;F8WE72	Ribosome maturation protein SBDS	SBDS	2138900	3189900	0	1787200	757250	0	482490
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	339470	0	0	0	0	0	0
A0A087X054;Q9Y4L1;E9PJ21;A0A087WWI4;K7EQK2;Q9Y4L1-2;A0A087X214;A0A087WW13;Q9BST8;J3QQH7;J3QLE9;J3QL06;J3KTF1;D3DSV6;Q9BXT5	Hypoxia up-regulated protein 1	HYOU1	203390	461280	419420	900770	0	999180	1268200
M0R061;A0A087X0I4;M0QXB4;O14579-3;O14579-2;O14579	Coatomer subunit epsilon	COPE	350330	0	0	0	0	0	398510
A0A087X0K9;G5E9E7;Q07157-2;G3V1L9;Q07157;H0YKB1	Tight junction protein ZO-1	TJP1	128390	0	67244	0	0	0	0
A0A087X0M4;Q9BWU0;A0A087WWF4;H7C256	Kanadaptin	SLC4A1AP	4592100	707570	1042000	2801700	1472900	1267700	1203400
A0A087X1B9;P02792	Ferritin;Ferritin light chain	FTL	0	0	0	1940200	0	0	1750100
A0A087X1I3;P31040-3;P31040-2;P31040;D6RFM5	Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial	SDHA	872540	204420	0	0	0	376040	834530
A0A087X1K9;E5RGR0;O75608-2;O75608;B4DP64	Acyl-protein thioesterase 1	LYPLA1	1280300	783650	0	474360	0	0	440410
A0A087X1N3;O75818-2;O75818;F8WC38;X6RLL4	Ribonuclease P protein subunit p40	RPP40	314880	629460	0	0	0	0	0
A0A087X1Z3;Q9UL46;H0YM70;H0YLG1;H0YLD2;H0YKU2	Proteasome activator complex subunit 2	PSME2	123470000	204770000	104330000	1483400000	974720000	1196600000	1068200000
A0A087X239;Q6PCB5-2;Q6PCB5;H7C2D3;C9JM20	Round spermatid basic protein 1-like protein	RSBN1L	1488100	1448400	0	0	1188300	0	79663
A0A087X295;Q9NNW5;E9PDU5;E9PBK6;Q6PKC6;C9K020;E5RFX3;F8WE36	WD repeat-containing protein 6	WDR6	332150	107800	0	385930	358620	0	0
A0A087X2D8;O60271-9;O60271-4;O60271-2;O60271;O60271-5;O60271-3;D6RHI8	C-Jun-amino-terminal kinase-interacting protein 4	SPAG9	218910	0	0	86586	0	0	38979
F1T0B3;A0A087X2G1;Q92499;Q92499-3;Q92499-2	ATP-dependent RNA helicase DDX1	DDX1	796180	1802100	0	184990	298080	88361	343870
A0A087X2H1;Q9ULT8;G3V4V5;H0YJP0;H0YJD4	E3 ubiquitin-protein ligase HECTD1	HECTD1	0	0	0	195630	30972	63790	115070
A0A087X2I1;P62333;H0YJC0;H0YJS8;H0YJT1;H0YJX2;H0YJE9;H0YJD2;H0YJY8	26S protease regulatory subunit 10B	PSMC6	906410000	1357300000	786880000	1621100000	1289000000	1882500000	1216200000
Q5JXX2;A0A088AWL8;Q15014;Q5JXX1;Q5JXX6	Mortality factor 4-like protein 2	MORF4L2	0	0	0	5789400	6276100	4469200	2314100
A0A096LNH5;A0A096LPI6;H7C1F6;P30042-2;P30042;H7C2G3	ES1 protein homolog, mitochondrial	C21orf33	6077800	5243800	0	620200	0	565890	0
A0A096LNV3;A0A096LP02;Q9Y508-2;Q9Y508;A0A096LNT1;A0A096LNN8;A0A096LPF9	E3 ubiquitin-protein ligase RNF114	RNF114	0	0	0	0	0	0	402740
A0AVT1;A0AVT1-2;A0AVT1-4;A0AVT1-3	Ubiquitin-like modifier-activating enzyme 6	UBA6	0	0	0	190840	0	0	107210
A1L390-3;A1L390;G3V311;A1L390-2	Pleckstrin homology domain-containing family G member 3	PLEKHG3	165460	0	0	0	0	0	0
A2A274;Q99798	Aconitate hydratase, mitochondrial	ACO2	2973000	2950200	0	4362800	124150	459740	2302100
A2A2Q9;Q9Y312	Protein AAR2 homolog	AAR2	0	0	0	664120	149080	1079500	0
A2A3N6;O60331-4;O60331;O60331-2;O60331-3	Putative PIP5K1A and PSMD4-like protein	PIPSL	605010	468300	0	430030	0	0	84319
A2A3R5	40S ribosomal protein S6	RPS6	1063800	976420	0	0	917710	0	0
A5LHX3	Proteasome subunit beta type-11	PSMB11	17629000	15255000	2813200	10058000	0	1208000	5307600
A5YKK6-3;A5YKK6-2;A5YKK6;A5YKK6-4;H3BVC9;B5MDN3;H3BMZ2	CCR4-NOT transcription complex subunit 1	CNOT1	64029	71150	0	0	65285	18856	0
A6ND22;Q9Y3D3-2;Q9Y3D3	28S ribosomal protein S16, mitochondrial	MRPS16	3641200	2474400	0	1391400	507540	334140	1632400
A6NDG6	Phosphoglycolate phosphatase	PGP	648700	0	0	413790	0	0	625360
C9J9K3;A6NE09;P08865;C9JQR9	40S ribosomal protein SA	RPSA;RPSAP58	1001700000	824910000	92778000	743220000	829590000	260250000	491600000
A6NEM2;P51610-2;P51610;P51610-4;H7C1C4;P51610-3	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	29299	14019	0	0	0	0	0
A6NF51;O95861-4;O95861;O95861-2;O95861-3;F8VVW8;F8VZG4;F8W1J0	3(2),5-bisphosphate nucleotidase 1	BPNT1	247440	193210	0	372230	0	0	161250
A6NFX8;Q9UKK9;A6NJU6;A6NCQ0;C9JYY9;H0YEY4	ADP-sugar pyrophosphatase	NUDT5	3159700	2186400	0	4732700	395300	0	670000
K7EIJ0;K7ENL2;A6NG10;K7EMC9;Q969T9;K7EIN1;K7ESN4;B4DFG2;K7EIK1	WW domain-binding protein 2	WBP2	391110	0	0	2787500	0	0	689310
E9PS11;A6NGW1;O95070	Protein YIF1A	YIF1A	0	0	0	8879300	0	6537200	4661300
A6NHQ2;R4GMW7	rRNA/tRNA 2-O-methyltransferase fibrillarin-like protein 1	FBLL1	1309300	1597900	0	0	0	0	302120
J3KNE0;A6NKT7;Q7Z3J3	RanBP2-like and GRIP domain-containing protein 3;RanBP2-like and GRIP domain-containing protein 4	RGPD3;RGPD4	76431	79474	0	0	0	0	0
A6NMU3;Q92783-2;Q92783	Signal transducing adapter molecule 1	STAM	202430	0	0	482460	0	0	214890
A6NN50;O75147-2;O75147-1;O75147-4;O75147;A8MSZ8	Obscurin-like protein 1	OBSL1	361020	800120	170270	105610	96227	68474	0
A6PVN6;Q5T949;Q5T948;A6PVN5;Q15257-3;Q15257-2;Q15257;A6PVN7;A6PVN8;C9IZ76;A6PVN9;F6WIT2;Q68CR8;Q15257-4	Serine/threonine-protein phosphatase 2A activator	PPP2R4	358790	0	0	0	0	0	882270
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	21367000	32999000	0	13406000	43421000	523250	2372900
A8MU58;F8W950;Q13155	Aminoacyl tRNA synthase complex-interacting multifunctional protein 2	AIMP2	413900	0	0	472230	0	0	0
H7BY10;K7EJV9;K7ERT8;A8MUS3;P62750;K7EMA7	60S ribosomal protein L23a	RPL23A	530560000	629490000	33025	139060000	531600000	16063000	91607000
P62308;A8MWD9;Q49AN9;F5H013;C9JVQ0	Small nuclear ribonucleoprotein G;Putative small nuclear ribonucleoprotein G-like protein 15	SNRPG;SNRPGP15	34467000	48752000	0	12273000	27375000	0	2869000
E7EVE9;A8MX75;P18074-2;P18074;K7ENL1;B4E0F6;K7EKF3;K7EIT8	TFIIH basal transcription factor complex helicase XPD subunit	ERCC2	0	0	0	1476400	348790	0	182510
A8MX94;P09211;A0A087X2E9	Glutathione S-transferase P	GSTP1	27400000	10056000	0	30615000	0	3213500	17728000
A8MXP9;P43243;D6REM6;D6R991;H0Y8T4;B3KM87;P43243-2;Q68E03;D6RAM9;D6RAY2;D6R8Z5;D6RBI2;D6RBK5;D6RE02;D6RIA2;D6RB45;D6R9F3;D6RBS2;D6RCM3;D6REK4	Matrin-3	MATR3	8549700	11409000	916050	2342700	5168600	1563600	1980300
J3KQ25;A8MYA3;Q8N6M9;I3L1X3	AN1-type zinc finger protein 2A	ZFAND2A	0	0	0	2119000	77652	467040	319730
B0QY89;Q9Y262;Q9Y262-2;B0QY90;C9JHP4;C9K0Q7;H7C3A0	Eukaryotic translation initiation factor 3 subunit L	EIF3L	6622100	5624400	3113400	7028700	4962700	2196400	2517500
B0QYK0;Q01844-6;Q01844-3;Q01844;Q01844-5;H7BY36;C9JGE3;Q01844-2;F8WC90;Q01844-4	RNA-binding protein EWS	EWSR1	3687100	4531200	1576600	2472700	3281200	1890100	1577500
H3BQQ9;B0QYN7;P63279;H3BPC4;H3BRD1	SUMO-conjugating enzyme UBC9	UBE2I	1775900	1104600	0	2772900	0	0	1630200
F2Z2V0;B0QZ18;Q99829;Q5JX56;Q5JX58;Q5JX59;Q5JX61;Q5JX60;Q5JX44;Q5JX52;Q5JX45;E7ENH5;A6PVH9;Q5JX54;Q5JX57;E7EV27;Q5JX55;Q5JX53;H0Y524	Copine-1	CPNE1	672040	0	266230	380060	0	303140	204660
E9PAP1;X6RHV1;B0QZE6;E9PS59;X6R732;E9PQM8;E9PRF4;Q15047-2;Q15047-3;Q15047	Histone-lysine N-methyltransferase SETDB1	SETDB1	0	0	0	0	0	35402000	0
B0YIW6;P48444;P48444-2;Q6P1Q5	Coatomer subunit delta	ARCN1	1158500	0	0	501240	0	0	775400
B1AHF3;P00387-2;P00387;P00387-3	NADH-cytochrome b5 reductase 3;NADH-cytochrome b5 reductase 3 membrane-bound form;NADH-cytochrome b5 reductase 3 soluble form	CYB5R3	1605400	290650	0	938380	0	0	392970
P23142-4;B1AHL2	Fibulin-1	FBLN1	0	0	19523000	12444000	14361000	21926000	4724100
B1AJY7;O75832;B1AJY5;O75832-2;B1AJY6	26S proteasome non-ATPase regulatory subunit 10	PSMD10	555710	2292100	0	18127000	4503800	8502700	15672000
B1AMU7;B1AMU3;Q9Y3B2;R4GNH9;R4GMQ7;B1AMU4	Exosome complex component CSL4	EXOSC1	2195400	2093100	0	580290	2213000	0	707590
B1AN99;P35030-5;P35030-3;P35030-2;P35030-4;P35030	Trypsin-3	PRSS3	0	0	0	0	0	0	0
B1ANR0;Q13310-2;Q13310;Q13310-3;H0Y5F5;H0YEU6;H0YCC8;B1ANR1;H0YER0;H0Y6X6	Polyadenylate-binding protein;Polyadenylate-binding protein 4	PABPC4	3185200	3035800	0	4470100	609700	235340	1600700
B3KNJ4;Q9UBE0-2;Q9UBE0-3;Q9UBE0;M0QX65;M0QZS6;M0R054;M0QYM8;M0R375;M0R286	SUMO-activating enzyme subunit 1;SUMO-activating enzyme subunit 1, N-terminally processed	SAE1	3362800	814430	0	3805900	0	0	3579900
B3KQ25;K7EPX6;K7EKR3;K7EMD0		PSME3	0	0	0	0	16216000	0	10064000
M0QZP4;B3KSI3;M0QZ10;M0QXF9;O15382-2;O15382	Branched-chain-amino-acid aminotransferase;Branched-chain-amino-acid aminotransferase, mitochondrial	BCAT2	333290	866060	0	0	0	0	887770
F5GXT0;F8W7U8;P49959-2;P49959;B3KTC7	Double-strand break repair protein MRE11A	MRE11A	520230	1033500	0	777220	0	0	182770
H0Y5J4;B4DDD6;Q9UJU6-5;Q9UJU6-4;Q9UJU6;Q9UJU6-2;Q9UJU6-3;B4DDP6	Drebrin-like protein	DBNL	1237200	571320	0	359900	201860	188790	163340
B4DEM9;Q9Y2S7	Polymerase delta-interacting protein 2	POLDIP2	5221100	5907800	1752800	6557600	2080900	2555100	3786300
H7C048;K7EMQ8;J3QKS7;B4DGM3;Q969G3-6;Q969G3-5;Q969G3-3;Q969G3-2;Q969G3-4;Q969G3	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily E member 1	SMARCE1	639010	0	0	975200	337730	495050	473300
B4DHN5;E9PBU7;O00560-3;O00560-2;O00560;G5EA09	Syntenin-1	SDCBP	291490	0	0	1377700	0	0	614440
B4DHR0;Q9H5N1-2;Q9H5N1	Rab GTPase-binding effector protein 2	RABEP2	0	0	0	0	0	0	110830
B4DJM9;M0QWZ7;M0R2C6;Q9NP81;Q9NP81-2	Serine--tRNA ligase, mitochondrial	SARS2	729430	438410	0	0	984050	273860	251590
B4DJV2;O75390;H0YIC4;F8VPF9;F8VPA1;F8VTT8;F8W1S4;F8W4S1;H0YH82;F8W642;F8VZK9;F8VX07;F8VRP1;F8VX68;F8VWQ5;F8VRI6;F8VR34;F8W0J2;F8VU34	Citrate synthase;Citrate synthase, mitochondrial	CS	20305000	18109000	3557900	21825000	7190200	9597800	12715000
B4DKY1;P49589-2;P49589;P49589-3	Cysteine--tRNA ligase, cytoplasmic	CARS	117610	321210	17536	600850	122030	0	330680
B4DLN1;P52815;F6QW41	39S ribosomal protein L12, mitochondrial	MRPL12	2709700	651120	0	2892200	287960	1183400	1239500
B4DQI4;Q96IU4	Alpha/beta hydrolase domain-containing protein 14B	ABHD14B	0	0	0	820520	0	0	199570
B4DR61;P61619;F8W776;Q8TC24;P61619-3;Q9H9S3-2;Q9H9S3-3;Q9H9S3;H7C1Q9;C9JXC6;H7C069;A6NK38;F2Z2C7;A6NIF9;C9JJV4;H7C1S8	Protein transport protein Sec61 subunit alpha isoform 1;Protein transport protein Sec61 subunit alpha isoform 2	SEC61A1;SEC61A2	4101400	4201900	0	13611000	8634500	14675000	14138000
E7EX17;B4DS13;P23588;F8W0K0;F8VSC7;F8VP89;F8VX11;F8VRU1;F8VYE9	Eukaryotic translation initiation factor 4B	EIF4B	1380700	1014700	0	2731300	414440	306420	485750
B4E349;F5H6D8;B4DTN4;Q86U44	N6-adenosine-methyltransferase 70 kDa subunit	METTL3	0	0	0	862320	0	0	0
J3QSB7;B4DUC8;Q13126-7;Q13126-4;Q13126;Q13126-6;Q13126-5;Q13126-3;Q13126-2	Purine nucleoside phosphorylase;S-methyl-5-thioadenosine phosphorylase	MTAP	312990	0	0	624240	0	0	678280
F8VRR3;F8VQZ7;P50579-2;B4DUX5;P50579;F8VZX9;F8VY03;G3V1U3	Methionine aminopeptidase 2	METAP2	0	0	0	3607200	0	0	153510
B4DWR3;P61758	Prefoldin subunit 3	VBP1	9523600	3723400	12389	2339100	0	0	760890
G3V576;G3V4W0;B4DY08;G3V4C1;G3V2Q1;P07910-2;P07910;P07910-4;G3V555;G3V575;P07910-3;G3V5X6;G3V3K6;G3V251;B4DSU6;G3V5V7;G3V2D6;P0DMR1;O60812;B7ZW38;B2RXH8;G3V4M8;G3V2H6;B3KT61;Q86SE5;Q86SE5-3;E5RG71;E5RJ39;Q86SE5-2	Heterogeneous nuclear ribonucleoproteins C1/C2;Heterogeneous nuclear ribonucleoprotein C-like 4;Heterogeneous nuclear ribonucleoprotein C-like 1;Heterogeneous nuclear ribonucleoprotein C-HNRNPC;HNRNPCL4;HNRNPCL1;HNRNPCL like 3;Heterogeneous nuclear ribonucleoprotein C-like 2	3;HNRNPCL2	82965000	120020000	8366200	28091000	118000000	18992000	21844000
B4DY09;Q12905;X6R6Z1	Interleukin enhancer-binding factor 2	ILF2	167480000	256630000	20974000	172810000	328300000	42394000	95310000
B4DZ84;D3DX48;Q14168-6;Q14168-2;Q14168-3;Q14168;Q14168-4;A0A087WVY2;E5RI47;Q14168-5;E5RFN8;A0A087X0C7;E5RK50;E5RJK0;E5RK44;E5RI32;E5RIU3	MAGUK p55 subfamily member 2	MPP2	0	0	0	0	0	367590	1830100
B4E0K5;Q16539-5;Q16539-3;Q16539-4;Q16539;E7EX54;B5TY33;Q16539-2	Mitogen-activated protein kinase 14	MAPK14	0	0	0	298710	0	0	361590
Q8NBY1;B4E0Y9;Q9P289;Q9P289-2;Q9P289-3;C9JDH9;C9J6L2;C9JCC0;C9J232;H7C279;O00506-3;O00506-2;O00506;C9JJV0;H0Y630;Q9Y6E0-2;Q9Y6E0;Q5JV98	Serine/threonine-protein kinase 26;Serine/threonine-protein kinase 25	STK26;STK25	1432600	325860	0	2715800	774290	726970	309690
E9PLA7;B4E227;E9PIN3;Q9UBU9-2;Q9UBU9	Nuclear RNA export factor 1	NXF1	923640	0	0	0	0	0	0
B4E3S0;Q9ULV4;Q9ULV4-2;Q9ULV4-	Coronin;Coronin-1C	CORO1C	0	504410	0	0	0	0	0
B5MBZ0;Q9HC35-2;Q9HC35	Echinoderm microtubule-associated protein-like 4	EML4	121160	0	0	215820	0	95979	107370
B5MCE7;B5MCH7;E7ETZ4;Q9Y6E2;E9PFD4;Q75MG1	Basic leucine zipper and W2 domain-containing protein 2	BZW2	422660	0	0	765320	0	0	249020
B5MCF9;O00541-2;O00541;B3KXD6;H7C267;Q674R7	Pescadillo homolog	PES1	471590	930890	0	298250	1224000	0	0
B5MD17;J3KS05;P83916;K7ELA4;C9JWS9	Chromobox protein homolog 1	CBX1	1060100	0	1849200	7488800	911220	5604200	3595300
B5MD38;P55084-2;P55084;F5GZQ3;C9K0M0;C9JEY0;C9JE81	Trifunctional enzyme subunit beta, mitochondrial;3-ketoacyl-CoA thiolase	HADHB	598520	0	0	372500	0	0	708180
B5MDF5;P62826;J3KQE5;F5H018;H0YFC6;B4DV51;A0A087X0W0	GTP-binding nuclear protein Ran	RAN	211430000	174560000	22456000	197680000	55419000	72235000	139460000
C9J2P0;H7C061;B7Z306;P51965-2;P51965	Ubiquitin-conjugating enzyme E2 E1	UBE2E1	923690	1130500	0	758370	572140	246300	626260
B7Z415;D6RGG7;P09417-2;P09417;D6RHJ7;H0Y8F7	Dihydropteridine reductase	QDPR	363230	452340	0	0	0	0	0
B7Z4B8;Q9BUJ2-4;Q9BUJ2-2;Q9BUJ2;M0R3F1;Q9BUJ2-3;M0QYZ0;M0QYI8;M0R203;M0QYM5;M0QZV6;M0R0K8	Heterogeneous nuclear ribonucleoprotein U-like protein 1	HNRNPUL1	12484000	9790700	646810	9546100	832240	2932300	4881800
B7Z5R6;Q14596-2;Q14596	Next to BRCA1 gene 1 protein	NBR1	0	0	0	182940	219490	0	91664
B7Z7F3;Q9H6Z4-3;Q9H6Z4-2;Q9H6Z4;K7EIJ4;K7ESQ0	Ran-binding protein 3	RANBP3	134690	0	0	789250	155180	146720	776190
B7Z9I1;Q5T4U5;P11310;P11310-2	Medium-chain specific acyl-CoA dehydrogenase, mitochondrial	ACADM	391860	0	0	727830	0	0	0

F5H823;B7ZB78;F5GZG1;E7ESV4;F5H7Y6;P61224-4;P61224-3;P61224;A6NIZ1;F5GX62;P61224-2;F5H6R7;F5H004;A0A075B6Q0;P62834	Ras-related protein Rap-1b;Ras-related protein Rap-1b-like protein	RAP1B	5812900	0	0	0	0	0	438020
B7ZBC8;O75449-2;O75449;B7ZBC9;Q9BW62	Katanin p60 ATPase-containing subunit A1;Katanin p60 ATPase-containing subunit A-like 1	KATNA1;KATNAL1	0	0	0	565130	376490	0	773730
F8WFB9;B7ZC39;B7ZC38;Q9NR46;Q9NR46-2	Endophilin-B2	SH3GLB2	0	0	0	2918500	861650	0	812670
B7ZKM0;Q15020;F8VV04;F8W667;Q15020-2;H0YHU8;Q15020-3	Squamous cell carcinoma antigen recognized by T-cells 3	SART3	307120	295430	0	473780	92725	47569	156830
E5RFP2;B7ZLQ8;Q17RY0-3;Q17RY0-2;Q17RY0	Cytoplasmic polyadenylation element-binding protein 4	CPEB4	308690	0	0	0	0	0	0
B8ZZ87;Q6P582;Q6NZ67;H7C173;H7C202;H7BZ50	Mitotic-spindle organizing protein 2A;Mitotic-spindle organizing protein 2B	MZT2B;MZT2A	0	0	0	302630	118840	0	0
B8ZZD4;Q86VP1-3;Q86VP1-4;Q86VP1-2;Q86VP1;H7C3L5	Tax1-binding protein 1	TAX1BP1	0	0	0	582560	0	169380	251980
B8ZZF8;Q9Y4Y9	U6 snRNA-associated Sm-like protein LSm5	LSM5	1948700	0	0	0	0	0	542840
B8ZZN6;P63165;B8ZZJ0;B8ZZ67;B9A032;P63165-2	Small ubiquitin-related modifier 1	SUMO1	5574400	2712900	1172700	765800	0	0	1996400
B8ZZQ6;P06454-2;P06454;B8ZZA1;B8ZZW7;H7C2N1;A0A087WUT1	Prothymosin alpha;Prothymosin alpha, N-terminally processed;Thymosin alpha-1	PTMA	78197000	73317000	62658000	113430000	44957000	143880000	67904000
B8ZZS4;Q9H8Y5	Ankyrin repeat and zinc finger domain-containing protein 1	ANKZF1	0	0	0	0	0	0	0
B9A018;Q53GS9;A0A087X1B2;Q53GS9-2;F8WC91;Q53GS9-3	U4/U6.U5 tri-snRNP-associated protein 2	USP39	595840	0	0	0	0	0	0
Q5VVQ1;C4P0D6;C4P0D8;Q99598;C4P0D4	Translin-associated protein X	TSNAX;DISC1	967400	0	0	1210900	0	0	0
C9IZG3;Q92890-3;Q92890;Q92890-1;C9J6N9;C9JNP9	Ubiquitin fusion degradation protein 1 homolog	UFD1L	0	0	0	0	0	0	0
C9J3L8;C9J5W0;E9PAL7;C9IZQ1;P43307	Translocon-associated protein subunit alpha	SSR1	0	3155000	0	2663100	784130	0	694880
C9JRU6;C9J0B2;C9JUW4;C9J8R4;C9JVE2;Q96GG9	DCN1-like protein;DCN1-like protein 1	DCUN1D1	1444300	701910	0	2515600	0	0	1250500
C9J712;C9J0J7;C9JQ45;G5E9Q6;P35080-2;P35080;C9J2N0	Profilin;Profilin-2	PFN2	24100000	13175000	7593300	32319000	8750100	15077000	20263000
C9J0K6;P30626-3;P30626-2;P30626;B4DHQ6	Sorcin	SRI	305550	4707400	0	1262100	709790	290640	1987800
C9JD73;C9J177;H7C003;Q15435-2;Q15435;B5MBZ8;Q15435-5;Q15435-4;Q15435-3;C9JRC4	Protein phosphatase 1 regulatory subunit 7	PPP1R7	151470	0	0	280880	0	0	210540
C9J2C4;O75190-2;O75190-3;O75190;C9JB42;C9JDR7;C9JDX6;F8WCZ4;C9J2P2;E9PH18;C9JN01;Q8WWF6	DnaJ homolog subfamily B member 6	DNAJB6	0	0	0	865440	0	0	256280
C9J2Y9;P30876;C9J4M6	DNA-directed RNA polymerase;DNA-directed RNA polymerase II subunit RPB2	POLR2B	479780	339260	274510	2369000	468950	2014100	1404500
C9J384;Q9BQ75-2;Q9BQ75	Protein CMSS1	CMSS1	965100	5791300	0	968540	1863100	511690	1722600
C9J4Z3;P61513;M0R0A1;Q6P4E4;E9PEL3;M0R2L6;G5E9R3;A6NKH3	60S ribosomal protein L37a	RPL37A	315240000	233120000	0	54927000	243200000	1696700	25539000
C9J5D1;E7EQ69;Q9GZZ1;C9J5J3;A0A087WWJ2;Q9GZZ1-2;C9JZU6;F8WCK0;B0AZT5	N-alpha-acetyltransferase 50	NAA50	5733700	3131700	0	1516500	1728400	10903000	700420
C9J5E5;C9JIZ1;C9JT62;C9JHS7;C9JK79;C9JHZ8;C9JES8;C9JZI8;C9JBS3;C9JEJ8;A0A088AWM1;C9JHN6		HDLBP	751960	0	0	719180	0	0	207010
C9J840;E7EX83;H7C0P6;E7ENQ1;G3XAA2;H7C360;G5E948;E7EN19;E7ESS2;O95819-4;O95819-2;O95819;O95819-5;O95819-3	Mitogen-activated protein kinase kinase kinase kinase 4	MAP4K4	325550	125100	0	0	0	0	0
C9J8Q1;F8W9P7;H7C537;Q9UMS0-2;Q9UMS0-3;Q9UMS0	NFU1 iron-sulfur cluster scaffold homolog, mitochondrial	NFU1	1008500	0	0	588550	0	0	0
C9J931;Q15382;C9J469	GTP-binding protein Rheb	RHEB	167600	1362800	0	1034600	0	0	2208100
C9JA08;Q96D46;C9IZW9;C9K0C2;C9J0B9;C9IY70	60S ribosomal export protein NMD3	NMD3	1814000	1345100	0	3007900	1054500	0	678810
C9JA36;P54709-2;P54709;C9JXZ1;H7C4L9	Sodium/potassium-transporting ATPase subunit beta-3	ATP1B3	2872000	0	0	3246400	0	0	1228100
C9JAW5;C9JNU6;Q9Y241	HIG1 domain family member 1A, mitochondrial	HIGD1A	0	0	0	1161500	1102700	1218800	1522200
C9JBI3;P78330	Phosphoserine phosphatase	PSPH	1362200	0	0	805670	0	308960	1442500
C9JBL1;X6R2S6;Q9Y6A9	Signal peptidase complex subunit 1	SPCS1	0	0	0	36226000	36362000	0	14496000
C9JCD9;C9JNV2;P41223;P41223-2	Protein BUD31 homolog	BUD31	1077900	3198400	0	0	676550	0	0
C9JTS3;C9JG97;C9JEH3;Q13685	Angio-associated migratory cell protein	AAMP	563800	260350	0	1123600	484250	0	1339300
C9JFE4;Q13098-5;Q13098;Q13098-7;Q13098-6;A0A096LP07;A0A096LPJ3;A8K070	COP9 signalosome complex subunit 1	GPS1	0	0	0	0	0	0	430880
C9JFR7;P99999;CON__P62894	Cytochrome c	CYCS	2358100	0	0	2457200	0	1685200	1111200
C9JIF9;P13798;H7C1U0;C9JLK2;H7C393	Acylamino-acid-releasing enzyme	APEH	364590	446800	0	657020	0	330760	441090
C9JJ19;P82930;A0A087WUZ8	28S ribosomal protein S34, mitochondrial	MRPS34	5022900	4318100	0	4455300	1103400	1103600	2163100
C9JJ54;Q8IWB7	WD repeat and FYVE domain-containing protein 1	WDFY1	225230	0	0	426440	0	135750	183720
C9JJN9;Q8N3P4-2;Q8N3P4-3;Q8N3P4	Vacuolar protein sorting-associated protein 8 homolog	VPS8	0	1361500	0	1044700	0	0	389860
C9JUE0;C9JJP5;Q05BK6;K0J6K2;Q92734-2;Q92734;C9JTY3	Protein TFG	TFG	0	0	0	0	0	0	1519600
C9JL85;P58546	Myotrophin	MTPN	15960000	15510000	0	17649000	2266000	6381200	11247000
C9JLU1;P52434;P52434-4;P52434-3;P52434-2;P52434-5	DNA-directed RNA polymerases I, II, and III subunit RPABC3	POLR2H	9121300	7286400	5007000	42118000	27162000	26929000	16158000
C9JXB8;C9JNW5;P83731	60S ribosomal protein L24	RPL24	250670000	342470000	0	42643000	209590000	0	23714000
C9JP00;Q9NR56-3;Q9NR56-4;Q9NR56-7;Q9NR56-6;Q9NR56-2;Q9NR56-5;Q9NR56;O95205;H7C4T5;Q5VZF2-3;Q5VZF2-2;Q5VZF2	Muscleblind-like protein 1;Muscleblind-like protein 2	MBNL1;MBLL;MBNL2	1079700	624660	0	4584000	0	0	0
C9JP16;O75718	Cartilage-associated protein	CRTAP	770240	0	0	133690	0	695970	544700
G5E9W8;C9JQ42;P46976-3;P46976-2;P46976	Glycogenin-1	GYG1	0	0	0	0	0	0	0
F8WBI9;E9PEC3;E7ETT4;E7EUY3;E7ETT1;E9PDR0;C9JQS9;E7EX59;P05166;P05166-2;E7ENC1	Propionyl-CoA carboxylase beta chain, mitochondrial	PCCB	59827	0	59296	0	0	0	0
C9JRT6;F8WDB6;H3BM14;H3BM74;Q9Y5A7-2;Q9Y5A7;C9J7X7;F8WDL9;REV__A6NN40;REV__Q2M3G4-2;REV__Q2M3G4	NEDD8 ultimate buster 1	NUB1	0	0	0	756480	235550	0	0
C9JW69;P18754;P18754-2;C9JRH2;C9JMJ4;C9J3R0;C9JQZ4	Regulator of chromosome condensation	RCC1	5128300	1416800	0	903480	681880	1443300	846300
C9JXB9;P25686-2;P25686;C9JRD2;C9J1G2;E7ETU0;C9JX00;Q8NHS0;O75190-4	DnaJ homolog subfamily B member 2	DNAJB2	0	0	0	319730	1700300	102520	224490
C9JYQ9;H0Y8C2;Q6P5R6	60S ribosomal protein L22-like 1	RPL22L1	9359200	2577300	0	0	2961700	0	0
H7C4M9;C9JZG9;C9JZY6;P62256-2;P62256	Ubiquitin-conjugating enzyme E2 H	UBE2H	599990	0	0	0	0	0	0
E9PKF8;H0Y3P2;D3DQV9;P78344-2;P78344;H0YE22	Eukaryotic translation initiation factor 4 gamma 2	EIF4G2	194240	0	0	358470	0	0	518360
D3DTX6;Q96SB3	Neurabin-2	PPP1R9B	7138400	0	4771200	7406600	3668300	8273900	5024500
D3YTB1;F8W727;P62910;D3YTI8	60S ribosomal protein L32	RPL32	298360000	588040000	0	45018000	401230000	2350900	28627000
D6RBE4;D6R8Y5		TCP11	0	0	0	20747000	0	0	0
D6R905;D6RIY6;Q06265;Q06265-2;D6RA17;Q06265-3;Q06265-4;D6RAP4;H0Y9L5	Exosome complex component RRP45	EXOSC9	429060	2424600	0	1187100	0	0	1401900
H0Y8R3;D6R927;Q06330-3;Q06330-2;Q06330-5;Q06330-4;Q06330-6;Q06330-7;Q06330	Recombining binding protein suppressor of hairless	RBPJ	0	517750	0	0	0	0	0
D6R938;E9PBG7;E9PF82;Q13557-8;Q13557-12;Q13557-9;Q13557-10;Q13557-5;Q13557;Q13557-3;Q13557-6;Q13557-4;Q13557-11;H7BXS4;Q8WU40;Q5SWX3;Q13554-7;Q9UQM7;Q13554-4;Q9UQM7-2;Q13554-6;Q13555-10;Q13554-3;Q13554-8;Q13554-5;Q13555-3;Q13555-5;Q13555-4;Q13555-7;Q13555-9;Q13554-2;Q13555-2;Q13555-8;Q13555;Q13555-6;Q13554;D6RHX9;E9PBE8;E7EQE4;H0Y9C2;H0Y6G2	Calcium/calmodulin-dependent protein kinase type II subunit delta;Calcium/calmodulin-dependent protein kinase type II subunit beta;Calcium/calmodulin-dependent protein kinase type II subunit alpha;Calcium/calmodulin-dependent protein kinase type II subunit gamma	CAMK2D;CAMK2B;CAMK2G;CAMK2A	405980	0	0	108030	225450	0	195370
D6R967;H0Y9D8;Q9H2U2;Q9H2U2-2;D6RGV9;Q9H2U2-6;Q9H2U2-3	Inorganic pyrophosphatase 2, mitochondrial	PPA2	645160	1057800	0	1657700	488440	7982700	817630
D6RAE9;D6RDG7;S4R2X2;D6RFI0;Q9H9B4	Sideroflexin-1	SFXN1	1508700	3204800	0	0	0	0	0
D6RAX7;D6RFN0;Q9BT78;D6RD63;Q9BT78-2;D6REK7	COP9 signalosome complex subunit 4	COPS4	168000	142060	0	407520	0	0	302570
D6RB92;Q5JS54-3;Q5JS54;Q5JS54-2	Proteasome assembly chaperone 4	PSMG4	0	0	0	0	0	0	380690
D6RBW1;P06730;P06730-3;P06730-2;D6RFJ3;H0Y8J7	Eukaryotic translation initiation factor 4E	EIF4E	1655700	1060800	0	2994900	0	0	2120000
J3QSY4;D6RC52;D6RCB9;Q9NX24	H/ACA ribonucleoprotein complex subunit 2	NHP2	2054200	3228300	0	0	3684100	0	0
D6RCM8;O95379-3;O95379-2;O95379;O95379-4	Tumor necrosis factor alpha-induced protein 8	TNFAIP8	0	0	688420	829650	0	1389400	1682800
D6RD44;Q96EI5;Q96EI5-2;D6RCE9;A2RQR6;J3KQY4;D6RHZ1;D6RIH3	Transcription elongation factor A protein-like 4	TCEAL4	2732600	0	2597200	2204500	107600	5201300	2078800
D6RDM7;P61086;P61086-3;P61086-2;D6RFX1	Ubiquitin-conjugating enzyme E2 K	UBE2K	4064900	2093900	0	3205900	1231300	1921600	4544900
D6RGI3;D6RER5;Q9NVA2;Q9NVA2-2;D6RDU5;H0Y961;A0A087X142;A6NMH6;A6NFQ9;F8W8I8;Q92599-3;Q92599-2;Q92599-4;Q92599;H0Y9G8;D6RDP1;C9JV02;D6R9Y6;E7EW69;E7EX04;B5ME97;Q9P0V9-3;Q9P0V9;Q9P0V9-2	Septin-11	40787	888840	1618300	0	1287100	479100	1133400	1510500
H7BXG7;D6REX3;O94979-7;O94979-6;O94979-3;O94979-10;O94979-4;O94979-9;O94979-2;O94979;O94979-8;H0Y9K1;H0Y8V7;H0Y8W8;H0YAB3;D6RHZ5;O94979-5	Protein transport protein Sec31A	SEC31A	281510	0	0	83209	0	0	0
D6RFH4;H3BUX2;J3KNF8;O43169	Cytochrome b5 type B	CYB5B	0	0	0	983090	0	0	0
D6RG15;Q6IBS0;H0Y858	Twinfilin-2	TWF2	2191500	484910	0	2358900	0	0	2036600
D6RHI7;D6RG18;P51946	Cyclin-H	CCNH	131250	0	0	0	0	0	0
D6RH20;G5EA06;Q92552;Q92552-2	28S ribosomal protein S27, mitochondrial	MRPS27	1970400	536550	328350	1956600	1217700	1192700	766430
D6RJ07;Q9UL40-3;Q9UL40;Q9UL40-2;B7Z6B6;B7Z6Q2;B7Z4J8;B7Z4N4	Zinc finger protein 346	ZNF346	4360800	4659600	0	612780	3953400	0	433140
E5RJD2;E5RJG7;E5RFV2;Q16698-2;Q16698	2,4-dienoyl-CoA reductase, mitochondrial	DECR1	0	379700	0	0	371600	0	0
E5RGS4;O60925;D6RGG5	Prefoldin subunit 1	PFDN1	0	0	0	2261600	0	0	2753100
E5RGX5;Q93045;Q93045-2	Stathmin;Stathmin-2	STMN2	3765000	2201800	1480400	2190700	1355300	2872900	2061000
E5RHG8;Q15369;Q15369-2;R4GMY8	Transcription elongation factor B polypeptide 1	TCEB1	31968000	29784000	29372000	121800000	34812000	102440000	81460000
E5RHX8;Q9NPA8-2;Q9NPA8	Transcription and mRNA export factor ENY2	ENY2	0	0	0	0	0	0	0
E5RIM3;Q9Y263;H0YBW4;H0YC16;H0YAU9	Phospholipase A-2-activating protein	PLAA	0	0	0	345760	53486	0	645840
E5RIV7;Q8IV48	3-5 exoribonuclease 1	ERI1	0	1122000	0	0	0	0	0
E5RIW3;E5RJD8;O75347;E5RHG6;O75347-2;E5RIX8	Tubulin-specific chaperone A	TBCA	15899000	12838000	0	24319000	852500	0	15648000
E5RJN7;E7EVI1;F8VPI7;E7EPX0;E7EVJ4;E9PH62;Q9NUL3-6;Q9NUL3-8;Q9NUL3-3;Q9NUL3-7;Q9NUL3-2;Q9NUL3;G5EA18;Q9NUL3-4;E5RJ67;E5RFK1	Double-stranded RNA-binding protein Staufen homolog 2	STAU2	482130	2582400	0	0	1057300	0	128910
E5RJR5;P63208;E7ERH2;F8W8N3;P63208-2;E5RGM3	S-phase kinase-associated protein 1	SKP1	15235000	21708000	31593000	17204000	12617000	24721000	18961000
E5RK69;H0YC77	Annexin	ANXA6	0	0	0	424500	0	0	117680
E9PD92;E7EM57;E7EUI8;P11413;P11413-2;P11413-3	Glucose-6-phosphate 1-dehydrogenase	G6PD	183320	0	0	847090	0	0	104640
E7EM64;Q7L5N1;H7C3T0	COP9 signalosome complex subunit 6	COPS6	0	0	0	451440	0	0	487700
E7EMN6;Q6NXS1;P41236;E7EUI7	Protein phosphatase inhibitor 2-like protein 3;Protein phosphatase inhibitor 2	PPP1R2;PPP1R2P3	3998200	0	0	9637900	0	1161900	0
G3V2V8;J3KMY5;H0YIZ1;G3V3E8;E7EMS2;G3V3D1;P61916-2;P61916	Epididymal secretory protein E1	NPC2	379860	0	0	525150	0	0	0
E9PLD0;E7END7;P62820-2;Q9H0U4;Q92928;P62820;H0YLJ8;H0YL94;H0YMN7;A0A087WTI1;H0YNE9;P62820-3;P51153;Q92930;P59190-2;P59190	Ras-related protein Rab-1A;Ras-related protein Rab-1B;Putative Ras-related protein Rab-1C;Ras-related protein Rab-13;Ras-related protein Rab-8B;Ras-related protein Rab-15	RAB1B;RAB1A;RAB1C;RAB8B;RAB13;RAB15	3900200	698460	0	1076200	0	0	2952600
E7ENJ6;Q9BXS5;Q9BXS5-2;K7ENA7;K7EJL1;K7EQ90;K7ER75;K7EPJ8;K7EQX3	AP-1 complex subunit mu-1	AP1M1	377860	828820	0	0	0	0	0
E7ENN3;Q8NF91-7;Q8NF91-4;Q8NF91;F5GXQ8;Q3ZCV0;Q8NF91-5;Q8NF91-6	Nesprin-1	SYNE1	14259	0	86834	150160	0	162320	81393
E7ENV7;Q8IYJ1;Q86YQ8;Q9HCH3;A0A087WX62;Q8IYJ1-2	Copine-9;Copine-8;Copine-5	CPNE8;CPNE9;CPNE5	0	0	0	0	0	0	0
H0Y9H2;E7EV99;E7ENY0;P35611-2;P35611-6;P35611;P35611-3;P35611-4;P35611-5;H0YFD8;H0YG19;P35612-2;P35612-8;P35612-9;P35612-4;P35612-3;P35612	Alpha-adducin	ADD1	855650	0	92602	657870	124540	831350	322060
E7EPA1;O60256-3;O60256;I3L331;I3L164;C9JDH0;E7EW35;C9JDU5;C9JJS3;C9K0K7;I3L4G9;C9J168;I3L0S1;B4DP31;O60256-4;O60256-2	Phosphoribosyl pyrophosphate synthase-associated protein 2	PRPSAP2	229150	0	0	525430	0	0	422390
E7EPB3;P50914	60S ribosomal protein L14	RPL14	267720000	344690000	0	38135000	357920000	1782200	24516000
G3V1Q4;E7ES33;E7EPK1;Q16181-2;Q16181;H0Y3Y4;Q5JXL7	Septin-7	39326	1057700	1022000	878480	1427100	376220	174530	600390
E7EPN9;Q9Y520-3;Q9Y520-6;Q9Y520-4;Q9Y520-5;Q9Y520;Q9Y520-7;Q9Y520-2;H7C5N8	Protein PRRC2C	PRRC2C	618460	367240	0	0	143920	0	0
E7EQ29;P16278-2;P16278-3;P16278	Beta-galactosidase	GLB1	515390	0	0	442680	0	0	140830
F5GX39;E7EQ72;Q15363	Transmembrane emp24 domain-containing protein 2	TMED2	0	0	0	0	0	982450	700350
E7EQR4;P15311	Ezrin	EZR	1639700	562940	0	2315200	283800	181770	845090
E9PES6;E7ES08;E7EQU1;O15347	High mobility group protein B3	HMGB3	5998800	11571000	0	0	0	0	278580
E7EQY1;Q96C01;C9J2Y4;C9JF51	Protein FAM136A	FAM136A	1732800	278580	0	3815700	834190	898230	833650
E7ER27;E7EWE5;P51659-3;P51659;P51659-2;E7EPL9;G5E9S2;E7ET17	Peroxisomal multifunctional enzyme type 2;(3R)-hydroxyacyl-CoA dehydrogenase;Enoyl-CoA hydratase 2	HSD17B4	221280	316380	0	0	0	0	99928
E7ERS3;Q86VM9-2;Q86VM9	Zinc finger CCCH domain-containing protein 18	ZC3H18	0	0	636480	0	0	0	0
E7ERW8;H9KV28;E9PHQ0;E9PEZ3;O60610-2;O60610-3;O60610;E7EMV0	Protein diaphanous homolog 1	DIAPH1	71002	21300000	0	17970000	65521	4833200	49601
E7ESB6;Q6Y7W6-4;Q6Y7W6-5;Q6Y7W6;C9JHW1;I1E4Y6;Q6Y7W6-3	PERQ amino acid-rich with GYF domain-containing protein 2	GIGYF2	96671	95438	0	0	0	0	0
E7ESL0;J3KQY1;Q9NWU5-2;Q9NWU5-3;Q9NWU5	39S ribosomal protein L22, mitochondrial	MRPL22	3816400	3185800	161510	1178300	1000900	0	921590
E7ESP9;P07197;E7EMV2;P07197-2;A0A087WYG8;Q16352	Neurofilament medium polypeptide	NEFM	45997000	10204000	28656000	53708000	52034000	43243000	38237000
E7ETU5;F6Y5H0;P29558-2;P29558;E7EPF2;C9J9B2;C9JIJ9;Q6XE24-3;Q6XE24-4;Q6XE24-5;Q6XE24-2;Q6XE24;F8W1T6;Q15434	RNA-binding motif, single-stranded-interacting protein 1;RNA-binding motif, single-stranded-interacting protein 3	RBMS1;RBMS3	1187900	642170	0	1423900	463970	1236300	783160
E7ETU9;O00469;O00469-2;O00469-3;C9JXZ0	Procollagen-lysine,2-oxoglutarate 5-dioxygenase 2	PLOD2	492570	509320	305860	2132400	332780	1382800	1203300
E7ETY4;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;F5H4F6;H0YNV4;A0A087X0I6;P27448-8;P27448-6;P27448-3;P27448-4;P27448;Q9P0L2;K7EK17;K7EKG8;F5H6N2;H0YKJ3;J3KNR0;Q9P0L2-2;Q96L34-2;Q96L34;P27448-2;Q9P0L2-3;P27448-7	Serine/threonine-protein kinase MARK2;MAP/microtubule affinity-regulating kinase 3;Serine/threonine-protein kinase MARK1	MARK2;MARK3;MARK1	71741	415870	0	0	0	0	0
E7EU96;Q5U5J2;P68400;Q8NEV1;P68400-2;A0A087WY74;V9GYA2;V9GY80	Casein kinase II subunit alpha;Casein kinase II subunit alpha 3	CSNK2A1;CSNK2A3	8370600	5566100	0	4548200	129740	1161500	2865400
E7EX73;E9PGM1;E7EUU4;Q04637-6;Q04637-7;Q04637-5;Q04637-4;Q04637-3;Q04637;Q04637-8;Q04637-9;C9JF13;C9J6B6;H7C044;C9K073;H7C0V6;C9J2Z7	Eukaryotic translation initiation factor 4 gamma 1	EIF4G1	1212200	968340	0	1598200	183590	152710	850800
E7EVA0;P27816-6;P27816;P27816-2;H0Y2V1;H7C4C5;F8W9U4;P27816-5;P27816-4;B5MEG9	Microtubule-associated protein;Microtubule-associated protein 4	MAP4	271470	417780	0	480460	87706	17682	269890
G5E9S8;G3V2E7;F8W6L3;G3V3H3;G3V5R9;E7EVH7;Q07866-8;Q07866-2;Q07866-3;Q07866;Q07866-7;Q07866-5;Q07866-10;Q07866-6;Q07866-4;Q07866-9;H0YJU9;H0YJL0;H0YJT3;H0YG16;H0YGB8;G3V2P7;H7C4M1;A8MZ87;Q9NSK0-5;Q9H0B6-2;Q9NSK0;Q9H0B6;Q9NSK0-3	Kinesin light chain 1	KLC1	139290	0	0	207790	0	0	156220
E7EW05;Q9NVU7-2;Q9NVU7	Protein SDA1 homolog	SDAD1	0	261640	0	0	201570	0	0
E7EX90;Q14203-5;Q14203-2;Q14203-3;Q14203-4;Q14203-6;Q14203;Q6AWB1;E7EWF7	Dynactin subunit 1	DCTN1	81379	147380	0	262030	0	0	0
E9PAR2;Q03060-23;Q03060-9;Q03060-24;Q03060-8;Q03060-32;Q03060-26;G5E998;Q03060-21;Q03060-31;Q03060-6;P18846-2;P16220-3;P18846;P16220-2;P16220	Cyclic AMP-dependent transcription factor ATF-1;Cyclic AMP-responsive element-binding protein 1	CREM;ATF1;CREB1	0	0	2584100	0	0	6045800	4003900
F8VZJ2;H0YHX9;Q13765;E9PAV3-2;E9PAV3;F8W0W4;F8W1N5;F8VNW4;F8VZ58	Nascent polypeptide-associated complex subunit alpha;Nascent polypeptide-associated complex subunit alpha, muscle-specific form	NACA	498220000	422050000	12079000	362180000	332010000	56096000	179780000
E9PB61;Q86V81	THO complex subunit 4	ALYREF	20264000	14762000	0	5528000	2669000	1058100	0
E9PB90;P52789	Hexokinase;Hexokinase-2	HK2	50200	0	0	0	0	0	130250
E9PBL0;Q9UII4	E3 ISG15--protein ligase HERC5	HERC5	192210	514740	0	0	127670	0	0
E9PBS1;P22234;P22234-2;D6RF62	Multifunctional protein ADE2;Phosphoribosylaminoimidazole-succinocarboxamide synthase;Phosphoribosylaminoimidazole carboxylase	PAICS	29549000	15052000	423980	26709000	3297700	2820900	16379000
E9PBT8;J3KQJ1;Q8NBJ7-2;Q8NBJ7;J3QT17;C9JL30;A8MXB9;C9J660;Q8NBJ7-5;F8WEX5;E9PG02;H7C3B2;F8WA42;Q8NBJ7-3	Sulfatase-modifying factor 2	SUMF2	271450	0	0	0	0	0	318510
E9PC52;Q16576;Q16576-2;Q5JP01;Q5JP02;Q5JNZ6;C9JAJ9	Histone-binding protein RBBP7	RBBP7	7301600	3869800	0	5579500	2567800	0	1828900
H0YA62;E9PC90;P14635-2;P14635	G2/mitotic-specific cyclin-B1	CCNB1	0	0	0	0	1079500	1106500	0
E9PFG7;E9PDF2;E9PCR7;Q02218-2;Q02218	2-oxoglutarate dehydrogenase, mitochondrial	OGDH	0	0	0	0	0	134640	175310
E9PCY7;G8JLB6;P31943;D6RBM0;D6RIT2;D6RIU0;D6RAM1;E5RGV0;D6R9T0;D6RFM3;E7EN40;D6RDU3;D6RJ04;D6RIH9;H0YB39;E7EQJ0;H0YBD7;D6RDL0;E5RGH4;D6RF17;H0YAQ2;H0YBG7;D6R9D3;E5RJ94;H7C2J6;Q9NQA5	Heterogeneous nuclear ribonucleoprotein H;Heterogeneous nuclear ribonucleoprotein H, N-terminally processed	HNRNPH1	298190000	228100000	113700000	224540000	145890000	97979000	174450000
E9PD53;Q9NTJ3;Q9NTJ3-2;C9JR83	Structural maintenance of chromosomes protein;Structural maintenance of chromosomes protein 4	SMC4	200410	0	0	312610	235620	141710	463160
E9PDF6;O43795-2;O43795;H7C2Y7;E7EQD9;C9JUP5;C9JYW1;G3V342	Unconventional myosin-Ib	MYO1B	839100	0	0	231930	191030	0	0
E9PDP5;Q8IWZ3;Q8IWZ3-4;Q8IWZ3-6;H0YM23;Q8IWZ3-5;Q8IWZ3-3;Q8IWZ3-2;O75179-6;O75179-7;O75179-2;O75179;D6RHC4;H7C2F5;H3BLS9;H0YLQ3;O75179-5;O75179-3;O75179-4	Ankyrin repeat and KH domain-containing protein 1;Ankyrin repeat domain-containing protein 17	ANKHD1;ANKRD17	67957	139790	0	148480	291180	0	89277
E9PE17;I3L0E3;Q9Y2R5	28S ribosomal protein S17, mitochondrial	MRPS17;hCG_1984214	1598700	0	0	1568600	2062900	0	0
E9PEB5;Q96AE4;Q96AE4-2;C9JSZ1	Far upstream element-binding protein 1	FUBP1	6031600	2555000	123150	5541300	786010	1588000	3436200
E9PF10;O75694-2;O75694	Nuclear pore complex protein Nup155	NUP155	312020	381970	0	0	0	0	259040
E9PF19;Q9Y4P3;Q96E41	Transducin beta-like protein 2	TBL2	96790	237930	0	0	0	0	0
E9PFN5;Q9Y2Q3-4;Q9Y2Q3	Glutathione S-transferase kappa 1	GSTK1	319920	0	0	0	0	0	0
H0Y8C4;E9PFR3;Q14738-3;Q14738-2;Q14738;H7C5Q9;Q96B13;H0YJ75;Q13362-2;Q13362-3;Q13362;Q13362-4;Q13362-5;H0YJ35;H0YN84;Q15173-2;Q15173	Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit delta isoform;Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit gamma isoform	PPP2R5D;PPP2R5C	550540	0	0	1326200	0	0	727470
H7C1D4;E9PGT1;Q15631;Q15631-2	Translin	TSN	2912000	0	0	1987700	0	0	1045500
H7C3S9;E9PGT6;Q99627-2;Q99627	COP9 signalosome complex subunit 8	COPS8	2201000	708920	0	1459800	0	0	868680
E9PGZ1;Q05682-5;Q05682-4;E7EX44;Q05682-3;Q05682-6;Q05682-2;Q05682;C9J813;C9JEK3	Caldesmon	CALD1	2693700	0	870480	0	0	0	166670
E9PH82;Q8NCA5-2;Q8NCA5	Protein FAM98A	FAM98A	285940	0	0	0	0	0	0
E9PHS0;O43813;F8WDS9	LanC-like protein 1	LANCL1	1425300	239700	1676800	5355500	3084400	1601200	704300
J3QLB5;E9PI66;Q7KZJ0;J3QKK3;O43502-2;O43502	DNA repair protein RAD51 homolog 3	RAD51C	0	0	0	3183000	0	0	0
E9PSE5;E9PIA8;P50897-2;P50897	Palmitoyl-protein thioesterase 1	PPT1	0	0	0	9488600	0	0	6322100
E9PID8;P33240-2;P33240;E7EWR4;Q9H0L4	Cleavage stimulation factor subunit 2	CSTF2	613440	0	712710	2843800	549720	6010000	1261100
E9PIF2;Q13206	Probable ATP-dependent RNA helicase DDX10	DDX10	0	58372	0	0	1121200	0	0
E9PIQ7;O00165-5;O00165-3;O00165;O00165-2;Q5VYD6	HCLS1-associated protein X-1	HAX1	277530	0	0	0	0	0	1045000
E9PIY1;Q9UKS6	Protein kinase C and casein kinase substrate in neurons protein 3	PACSIN3	0	0	0	0	0	0	0
E9PJ55;Q9NUJ3;H0YES4;R4GNF5;E9PP52;E9PMB0	T-complex protein 11-like protein 1	TCP11L1	5960200	11283000	68045	441450	199870	74382	118480
E9PJ81;E9PRQ7;Q04323;Q04323-2;A0A087WTZ5;E9PS08	UBX domain-containing protein 1	UBXN1	1014700	0	0	4939200	683650	0	923660
E9PJE4;Q9GZQ3	COMM domain-containing protein 5	COMMD5	0	0	0	590180	0	0	0
E9PJF0;E9PQW4;P27361-3;P27361;E9PBK7;P27361-2;H0YEX6;E9PRH7;B3KR49	Mitogen-activated protein kinase;Mitogen-activated protein kinase 3	MAPK3	1075200	1118700	0	1378600	595300	0	1146200

E9PMI6;E9PJF4;J3KN38;P54105;E9PQ83	Methylosome subunit pICln	CLNS1A	3956300	3848600	0	10024000	113920	4181000	6396000
E9PS95;E9PJH7;Q9H1K4;Q9H936;K4DIA8;K4DIA2;K4DIB0;K4DIB2;E9PQ36;K4DIB8;E9PI74;K4DIB3	Mitochondrial glutamate carrier 2;Mitochondrial glutamate carrier 1	SLC25A22;SLC25A18	0	408690	0	938290	0	0	0
E9PJM3;Q9UK99-3;Q9UK99-2;Q9UK99;G3V1E0;E9PL46;Q49AF1;B4E3U2	F-box only protein 3	FBXO3	216530	123680	0	491120	120940	386340	326960
E9PJZ7;Q13136-2;Q13136;E9PID5;F8VU88;F8VWR9;E9PPF6;H0YEF9;G3V200;O75334-2;O75334-4;O75334-3;O75334	Liprin-alpha-1;Liprin-alpha-2	PPFIA1;PPFIA2	52930000	77069000	31480000	101280000	58912000	88171000	66658000
E9PK01;P29692;E9PRY8;P29692-2;A0A087X1X7;P29692-4;E9PPR1;E9PL12;E9PQ49;E9PI39;E9PMW7;E9PIZ1;E9PK06;H0YCK7;E9PK72	Elongation factor 1-delta	EEF1D	17928000	22735000	0	19664000	8451800	8341900	15302000
E9PK85;P62070-3;P62070;P62070-4;P62070-2;P10301	Ras-related protein R-Ras2;Ras-related protein R-Ras	RRAS2;RRAS	981860	0	0	0	0	0	234970
H0YEN2;E9PQP7;H7BXH2;E9PKF6;Q5H9R7-3;Q5H9R7-4;Q5H9R7-6;Q5H9R7-2;Q5H9R7;Q5H9R7-5	Serine/threonine-protein phosphatase 6 regulatory subunit 3	PPP6R3	271490	173130	0	0	0	0	0
E9PKH2;P50454;E9PR70;E9PPV6;H0YEP8	Serpin H1	SERPINH1	2709600	790950	0	6248900	0	0	4131600
E9PKK4;G3V1A9;P42695	Condensin-2 complex subunit D3	NCAPD3	0	0	0	63358	0	0	0
E9PL41;Q9NWT6	Hypoxia-inducible factor 1-alpha inhibitor	HIF1AN	0	0	0	0	0	0	268940
F8VSA6;E9PS38;S4R3E9;E9PL57;Q15843	NEDD8	NEDD8;NEDD8-MDP1	0	0	4708600	245790	0	0	0
E9PL69;P23921	Ribonucleoside-diphosphate reductase large subunit	RRM1	853380	1058200	0	2843700	359430	2992500	925210
E9PLD3;E9PRG8	Uncharacterized protein C11orf98	C11orf98	10041000	9594600	0	1455600	723000	0	494000
E9PLG2		PSMC3	0	0	0	584220	746520	455810	639300
E9PQD0;E9PS30;E9PLI6;E9PS76;Q8N9N8	Probable RNA-binding protein EIF1AD	EIF1AD	0	0	0	869160	0	0	0
E9PLK3;P55786;P55786-2;A6NEC2;E9PP11;A6NEC2-2;H0YCQ5;E9PJY4;E9PPD4;A6NEC2-3;E9PI82;E9PJ74;H0YDG0	Puromycin-sensitive aminopeptidase;Puromycin-sensitive aminopeptidase-like protein	NPEPPS;NPEPPSL1	2135200	999510	1153200	3168700	110100	744700	1935900
E9PRZ9;E9PM92;O00193	Small acidic protein	C11orf58;SMAP	887360	0	0	1936000	0	0	579850
E9PMR3;E9PMG4;Q9BUR4	Telomerase Cajal body protein 1	WRAP53	0	0	0	3546900	0	979530	0
E9PMS6;E9PMT2;F8WD26;J3KP06;Q8WWI1-3;Q8WWI1-5;Q8WWI1-4;Q8WWI1-2;Q8WWI1;E9PMP7;H0Y424;E9PJ10;H0YDG6	LIM domain only protein 7	LMO7	108300	0	180590	0	0	293080	0
E9PN81;Q8TDP1-2;Q8TDP1;H0YEF3	Ribonuclease H2 subunit C	RNASEH2C	0	0	0	213900	0	0	0
E9PN89		HSPA8	2608400	0	4100800	5186300	2168000	5315300	3022200
E9PNS3;F2Z2Y8;Q9H0E2	Toll-interacting protein	TOLLIP	0	0	0	0	0	7030000	332610
E9PNW4;E9PR17;P13987;H0YET2	CD59 glycoprotein	CD59	38163000	0	0	0	0	0	0
E9PNW8;Q8WVX9	Fatty acyl-CoA reductase 1	FAR1	0	0	0	547720	0	320830	116960
E9PP50;P23528;E9PK25;G3V1A4;E9PS23;E9PQB7;E9PLJ3	Cofilin-1	CFL1	119070000	68580000	8375600	135290000	28080000	35811000	86727000
F2Z3M0;E9PPN1;H0YCV5;Q8WW01-2;Q8WW01	tRNA-splicing endonuclease subunit Sen15	TSEN15	0	0	0	1825700	2496700	2307400	696430
E9PQ73;Q8TDW7-3;Q8TDW7	Protocadherin Fat 3	FAT3	482060	197780	0	1149200	80068	368760	542810
E9PR30;P62861	40S ribosomal protein S30	FAU	77908000	91685000	0	17152000	12754000	841520	8891500
E9PRE7;P11498-2;P11498	Pyruvate carboxylase, mitochondrial	PC	169170	454690	0	0	0	0	0
F2Z2W6;F2Z2Y5;H7BXJ5;P05114	Non-histone chromosomal protein HMG-14	HMGN1	0	0	0	0	0	0	0
F2Z2W7;Q8IZ69-2;Q8IZ69;H7C100;C9K041	tRNA (uracil-5-)-methyltransferase homolog A	TRMT2A	546390	3772500	0	254370	723470	0	72304
F2Z2Y4;O00764-3;O00764;O00764-2	Pyridoxal kinase	PDXK	691350	820880	0	1469300	0	0	250530
F5GWA7;F5GY37;J3KPX7;Q99623;Q99623-2;F5H3X6;F5H2D2;F5H0C5	Prohibitin-2	PHB2	2004700	1744300	0	757180	164910	0	118810
F5GWN1;J3KRP6;J3QS72;X6R3J2;J3QQM2;J3KT74;J3QQW2;Q15532-2;Q15532	Protein SSXT	SS18	1782600	1171500	0	3976400	0	2884600	2898000
F5GWT4;Q9H4A3-4;Q9H4A3-2;Q9H4A3;Q9H4A3-5;Q9H4A3-6;Q9H4A3-7	Serine/threonine-protein kinase WNK1	WNK1	68589	0	0	0	0	0	0
F5GWV0;F5H4P3;Q6NXE6-2;Q6NXE6;F5H7V0;F5GZP0;F5H3X1;F5H052;F5H2X2;F5H2K4;B4E1N1	Armadillo repeat-containing protein 6	ARMC6	0	0	0	0	0	0	629450
F5GX07;H0YG83;H0YGR4;H0YG54;F5GYG5;Q9Y3B8-2;Q9Y3B8-3;Q9Y3B8;H0YH58	Oligoribonuclease, mitochondrial	REXO2	399830	1688100	0	0	0	0	346650
F5H1S8;F5GX14;Q14165	Malectin	MLEC	317220	0	0	326850	0	0	215690
F5H5V4;F5GX23;J3KN29;O00233-2;O00233;F5H7X1;F5H169	26S proteasome non-ATPase regulatory subunit 9	PSMD9	0	1424800	0	4025400	2574800	1656900	1182700
F5GX77;Q9UI30-2;Q9UI30;F5GYQ2	Multifunctional methyltransferase subunit TRM112-like protein	TRMT112	6661000	22256000	0	8086800	822240	0	4185300
F5GXE4;O95260-2;B4E107;Q5SQQ1	Arginyl-tRNA--protein transferase 1	ATE1	4847200	1110800	315800	5329800	0	1143600	650660
U3KQ85;F5GXW5;Q99622	Protein C10	C12orf57	0	0	0	1642100	0	0	1270800
F5GXX5;P61803;F5H895	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit DAD1	DAD1	1652900	569500	0	10309000	2263900	0	5363700
J3KR44;F5GYJ8;Q96FW1;F5GYN4;F5H6Q1;F5H3F0;Q96FW1-2	Ubiquitin thioesterase OTUB1	OTUB1	2534000	2186700	0	2723100	263740	0	2096100
F5H3C5;F5H4R2;F5GYZ5;P04179-4;P04179;G8JLJ2;P04179-3;P04179-2;G5E9P6;F5GXZ9	Superoxide dismutase [Mn], mitochondrial	SOD2	0	0	0	2310500	0	0	206400
F5GZS6;J3KPF3;P08195-2;P08195-3;P08195;P08195-4;H0YFS2;F5H0E2;F5H867;F5GZI0;F5GZR9;H0YFX4	4F2 cell-surface antigen heavy chain	SLC3A2	3147300	851500	296800	2494100	585860	340240	2225000
J3QT54;F5H6M0;F5H047;F5H669;Q8N684-2;Q8N684;Q8N684-3	Cleavage and polyadenylation specificity factor subunit 7	CPSF7	218550	208020	0	253910	0	0	0
F5H0B0;H0YC42;P55327-2;P55327-4;P55327;P55327-7;P55327-5;P55327-6;P55327-3;E5RFR7;H0YC44;P55327-8	Tumor protein D52	TPD52	732950	0	0	219070	0	0	352260
F5H0B6;U3KQ53;Q86WQ0;Q86WQ0-2	Nuclear receptor 2C2-associated protein	NR2C2AP	957830	0	0	3579100	0	0	2522500
F5H0C8;P09104-2;P09104;F5H1C3	Enolase;Gamma-enolase	ENO2	0	0	159750	0	152740	0	125720
F5H1S9;G8JLB3;Q9Y606-2;Q9Y606	tRNA pseudouridine synthase;tRNA pseudouridine synthase A, mitochondrial	PUS1	661630	189310	0	1118600	7196.1	375410	200960
F5H1U9;O75970-5;O75970-3;O75970-2;O75970;B7Z824;H0YGQ3;F5H8D6;F8WDQ8;A0A075B6R8	Multiple PDZ domain protein	MPDZ	0	0	0	67172	27561	0	99560
F5H2F4;P11586;V9GYY3	C-1-tetrahydrofolate synthase, cytoplasmic;Methylenetetrahydrofolate dehydrogenase;Methenyltetrahydrofolate cyclohydrolase;Formyltetrahydrofolate synthetase;C-1-tetrahydrofolate synthase, cytoplasmic, N-terminally processed	MTHFD1	3850500	3679500	17592	3088900	1811600	1376900	1802800
F5H345;P08397-2;P08397	Porphobilinogen deaminase	HMBS	0	112480	0	320910	0	0	0
F5H365;Q15436;Q15436-2;G3V4V1;G3V1W4;G3V3G5;G3V2R6	Protein transport protein Sec23A	SEC23A	183540	0	0	122850	0	0	0
F5H4B6;Q8IZ83-3;Q8IZ83	Aldehyde dehydrogenase family 16 member A1	ALDH16A1	385770	0	82162	0	0	59113	0
F8VUX1;F8VY35;F8W0J6;F5H4R6;P55209-2;P55209;F8VV59;B7Z9C2;H0YIV4;B3KV44;F8W020;F8VXI6;H0YHC3;F8W118;F8VRJ2;F8VVB5;H0YH88;B7Z4K9	Nucleosome assembly protein 1-like 1	NAP1L1	30156000	5872300	0	12280000	39703000	2707000	44871000
F5H4V9;Q16342-3;Q16342;J3QK82;A0A087WYJ3;Q16342-5;Q16342-2;Q16342-4;H0YFZ5;H0YFM2;H0YFS8;F5GWT2	Programmed cell death protein 2	PDCD2	936010	328700	0	258390	0	0	438560
F5H527;Q76I76;J3KSQ9;Q76I76-3;Q76I76-4;K7EP00;Q76I76-2;K7EQZ0;J3KSP5	Protein phosphatase Slingshot homolog 2	SSH2	65364	0	16713	345900	0	0	222350
H0YG38;F5H578;O75400-2;O75400-3;O75400;H7C2N3	Pre-mRNA-processing factor 40 homolog A	PRPF40A	3340700	8870800	6936100	0	870250	6825500	970450
F5H5D3;Q9BQE3;F8VQQ4;F8VVB9;F8VRZ4;F8VS66;F8VWV9;C9JEV8;C9JQ00;C9JJQ8;F8VX09;C9JDL2;C9K0S6;F8VRK0;F8VXZ7;F8W0F6	Tubulin alpha-1C chain	TUBA1C;TUBA1A;TUBA1B	0	0	0	0	0	1410500	135440
H0Y8R1;F5H5I6;H0YAK1;Q12849;Q12849-5;H0YAM1	G-rich sequence factor 1	GRSF1	4492400	2595800	638500	3316100	157680	298250	2628400
F5H5U2;Q8NHQ9;E7EX41;Q8NHQ9-2	ATP-dependent RNA helicase DDX55	DDX55	0	455650	0	0	960900	483440	0
F5H658;Q14562	ATP-dependent RNA helicase DHX8	DHX8	0	279530	0	43399	0	0	0
F5H6E2;O00159-3;O00159;I3L501	Unconventional myosin-Ic	MYO1C	3535000	0	0	101810	488000	0	75810
F5H7F6;F5H6X2;P10620-2;P10620	Microsomal glutathione S-transferase 1	MGST1	0	0	0	4424500	0	0	2385800
F5H702;Q96GC5-3;Q96GC5;F5H8D0	39S ribosomal protein L48, mitochondrial	MRPL48	2621300	4574100	0	0	1947100	0	276060
F5H7D6;H0YNT2;H0YKT5;H0YKN8;H0YL70;Q04726-2;Q04726-7;Q04726-3;Q04726-6;Q04726-5;Q04726-4;Q04726;K7EJR7;H0YNI7;H0YKH0;H0YLW9;H0YLI3;K7EMK7;Q5T7A9;Q04725-2;Q04727-2;Q04725-3;Q04725;Q04727-4;Q04724;Q04727;Q04727-3	Transducin-like enhancer protein 3;Transducin-like enhancer protein 2;Transducin-like enhancer protein 4;Transducin-like enhancer protein 1	TLE3;TLE2;TLE1;TLE4	157290	583750	0	0	0	0	0
H0Y8Y3;F5H7Y0;Q96HC4-7;Q96HC4-4;Q96HC4;Q96HC4-6	PDZ and LIM domain protein 5	PDLIM5	568250	243370	0	181240	0	0	124420
H7C3P4;F6S8M0;P15586-2;P15586;F5H4C6;H0YFA9	N-acetylglucosamine-6-sulfatase	GNS	144730	0	0	2491300	0	0	732690
F6T1Q0;Q6L8Q7-2;Q6L8Q7	2,5-phosphodiesterase 12	PDE12	433330	974310	0	360130	353800	0	215220
F6TLX2;Q9HC38-2;I3L3Q4;Q9HC38;Q9HC38-3;I3L1F4;I3L1I0	Glyoxalase domain-containing protein 4	GLOD4	2774900	1520400	0	2079000	87850	179370	1382000
F8VQF4;F8VRS8;F8W145;F8VP97;F8VV52;Q9NZN8-2;Q9NZN8-4;Q9NZN8	CCR4-NOT transcription complex subunit 2	CNOT2	583900	0	0	0	0	0	0
F8VQW0;F8VX73;F8VPI1;F8W201;F8W086;F8VR05;F8VQQ5;F8VSI7;F8VVJ4;P55061;F8W1G3;F8VY06;P55061-2	Bax inhibitor 1	TMBIM6	0	0	0	50356000	24202000	28011000	49128000
F8W0B5;F8WB05;H0YH87;F8WB06;F8VQP2;V9GY86;Q99700-2;Q24JQ7;Q99700-4;Q99700	Ataxin-2	ATXN2	0	291100	0	0	0	0	0
F8VU51;P49750-3;P49750;P49750-4;H0YI23;H0YIQ2	YLP motif-containing protein 1	YLPM1	97436	149050	0	173880	0	0	0
F8VV32;P61626	Lysozyme;Lysozyme C	LYZ	0	0	3903000	0	0	8255000	0
F8VVA7;P61923;P61923-4;F8VXB1;F8VUC5;F8W156;F8W651;F8VXR1;F8VYZ4;P61923-5;F8VYK5;P61923-2;P61923-3	Coatomer subunit zeta-1	COPZ1	2020600	525250	0	2893800	1151000	1150700	2514800
F8VVM2;Q00325-2;Q00325;F8VZL5;F8VWR4;F8VWQ0	Phosphate carrier protein, mitochondrial	SLC25A3	4171600	3724300	0	3011600	1537200	708770	2226300
F8VWW8;Q92485;Q92485-2	Acid sphingomyelinase-like phosphodiesterase 3b	SMPDL3B	774150	0	0	0	0	0	0
F8VX55;Q12800-3;Q12800	Alpha-globin transcription factor CP2	TFCP2	0	0	0	924620	0	0	0
F8VXU5;Q9UBQ0;Q9UBQ0-2	Vacuolar protein sorting-associated protein 29	VPS29	2165800	0	368870	1701000	0	0	523050
F8VYE8;P36873;P36873-2;F8VR82;F8W0W8;A0A087WYY5	Serine/threonine-protein phosphatase;Serine/threonine-protein phosphatase PP1-gamma catalytic subunit	PPP1CC	5833800	2425800	5809900	5582300	5056300	7721000	3942000
F8VYY9;P54619-2;P54619;P54619-3;H0YHF8;H0YIC9;F8VZX1;E9PGP6;Q9UGJ0-2;Q9UGJ0-3;Q9UGJ0	5-AMP-activated protein kinase subunit gamma-1	PRKAG1	1744400	355570	300440	2492900	445050	1715300	1335300
F8VZA8;Q8N6Q8	Methyltransferase-like protein 25	METTL25	218900	191300	0	199000	0	0	0
H3BRU6;F8VZX2;Q15366-5;B4DXP5;F8W0G4;F8VXH9;F8W1G6;J3QT27;P57721-2;P57721-3;F8VTZ0;H3BND9;H3BSP4;C9K0A2;F8WC71;C9IZV9;C9J7A9;C9JSA6;C9J5V4;C9JTY5;C9JZY3;C9J0A4;F6TJN8;P57723-2;P57723	Poly(rC)-binding protein 2	PCBP2	0	0	0	425500	0	0	0
F8VZY9;P05783;CON__Q92764;C4AM86;CON__Q497I4;Q92764;CON__H-INV:HIT000015463	Keratin, type I cytoskeletal 18	KRT18	1309400	0	87195	4889100	1170900	1192600	2655800
F8W031;F8VXJ7;Q9Y2B0;F8W1K5;F8VP03;H0YIH9;F8W1U5;Q9Y2B0-2;H0YI18	Protein canopy homolog 2	CNPY2	4910400	1221500	0	3020800	693860	1045200	2541400
F8W1A4;P54819-5;P54819-2;P54819;P54819-3;G3V213;F8VZG5;F8VY04;P54819-6;P54819-4;F8VPP1	Adenylate kinase 2, mitochondrial;Adenylate kinase 2, mitochondrial;Adenylate kinase 2, mitochondrial, N-terminally processed	AK2	6897000	3818500	187380	12539000	2518800	2548600	6085700
F8W696;P02647	Apolipoprotein A-I;Proapolipoprotein A-I;Truncated apolipoprotein A-I	APOA1	181510	616340	435780	0	0	978710	336470
F8W6G1;Q9UHY1	Nuclear receptor-binding protein	NRBP1	0	0	0	0	0	0	0
F8W6I7;P09651-2;P09651;P09651-3;F8VZ49;Q32P51;F8VTQ5;F8W646;H0YH80;F8VYN5	Heterogeneous nuclear ribonucleoprotein A1;Heterogeneous nuclear ribonucleoprotein A1, N-terminally processed;Heterogeneous nuclear ribonucleoprotein A1-like 2	HNRNPA1;HNRNPA1L2	110920000	118560000	44295000	144090000	87648000	120730000	82833000
F8W726;Q14157-4;Q14157-1;Q14157-3;Q14157;Q14157-5;Q5VU77;Q5VU81;Q5VU80;Q5VU79;Q5VU78;H0Y5H6;H7C2T8	Ubiquitin-associated protein 2-like	UBAP2L	591590	649810	0	485880	639000	0	320260
F8W7C6;A0A087WV22;H7C123;H7C2C5		RPL10	918320	146880	0	0	222480	0	0
F8W7R3;Q9NVI1-2;Q9NVI1-1;Q9NVI1;H3BP78;H3BS60;H3BQE2;H3BT54;H3BMG4;Q9NVI1-4	Fanconi anemia group I protein	FANCI	221720	457810	0	286730	140440	0	66939
F8W914;Q9NQC3-2;Q9NQC3-5;Q9NQC3;H7C106;Q9NQC3-3;Q9NQC3-4;Q9NQC3-6	Reticulon;Reticulon-4	RTN4	3391400	2085800	0	6648800	455890	909150	2473600
F8W930;Q9Y6M1-2;Q9Y6M1;Q9Y6M1-5;Q9Y6M1-6;Q9Y6M1-3;Q9Y6M1-4	Insulin-like growth factor 2 mRNA-binding protein 2	IGF2BP2	14031000	19374000	464790	12800000	15099000	2349400	8513900
F8W9S7;Q14C86-3;Q14C86-4;Q14C86-5;Q14C86-2;Q14C86;Q14C86-6;B0QZ65;B4DGD8;C9IZ08;C9IZX9	GTPase-activating protein and VPS9 domain-containing protein 1	GAPVD1	25555000	81016	82574000	32573000	0	40060000	9912100
F8WB26;Q8WU90	Zinc finger CCCH domain-containing protein 15	ZC3H15	6560100	0	8273600	5583600	0	4638700	0
F8WBJ6;Q9NRX1	RNA-binding protein PNO1	PNO1	3519500	5002200	542070	819090	6402300	0	0
F8WCF6;P59998;P59998-3;F8WDD7;H7C0A3;P59998-2;R4GN08;P59998-4;F8WE39	Actin-related protein 2/3 complex subunit 4	ARPC4-TTLL3;ARPC4	23482000	4391200	1821800	16301000	3282400	4577600	1815600
F8WD66;P86791;P86790	Vacuolar fusion protein CCZ1 homolog;Vacuolar fusion protein CCZ1 homolog B	CCZ1B;CCZ1	0	0	0	0	0	475360	0
F8WJN3;Q16630-3;Q16630;Q16630-2;F8W084	Cleavage and polyadenylation specificity factor subunit 6	CPSF6	1194800	558230	0	835130	0	0	0
G3V1D3;G3V180;Q9NY33-4;Q9NY33;E9PQ14;E9PNX5;E9PKK8;E9PPK9;Q9NY33-2	Dipeptidyl peptidase 3	DPP3	237590	234190	0	995180	136550	108670	371170
G3V198;Q12769;E9PR16;Q12769-3	Nuclear pore complex protein Nup160	NUP160	630010	280870	72586	197560	178180	0	0
G3V1B8;H0YEB6;O60232;E9PN57;H0YEK1	Sjoegren syndrome/scleroderma autoantigen 1	SSSCA1	0	0	0	1785700	0	0	129940
G3V1C3;Q9BZZ5-3;Q9BZZ5-2;Q9BZZ5;E9PQK6;B4E283;H0YER7;Q9BZZ5-1;Q9BZZ5-5	Apoptosis inhibitor 5	API5	558670	0	0	0	872200	596160	80438
G3V2V6;H0YJH8;G3V2S6;Q9Y5K8	V-type proton ATPase subunit D	ATP6V1D	338450	0	0	0	0	0	0
H0YJN9;G3V2T4;G3V4E4;Q99538-3;Q99538-2;Q99538	Legumain	LGMN	0	0	0	0	0	2612200	2775400
G3V4X8;G3V3A4;Q13573	SNW domain-containing protein 1	SNW1	0	327400	0	410510	557240	0	0
G3V5B3;G3V3E6;Q96HE7	ERO1-like protein alpha	ERO1L	917930	2089900	0	1292900	242030	653290	1379700
G3V3G9;V9GY54;Q5TAQ9;Q5TAQ9-2;Q5TAQ8	DDB1- and CUL4-associated factor 8	DCAF8	191960	598000	0	0	0	0	325050
G3V3M6;P27695;G3V5Q1;G3V3C7;G3V5D9;G3V5M0;G3V359;H7C4A8;G3V3Y6	DNA-(apurinic or apyrimidinic site) lyase;DNA-(apurinic or apyrimidinic site) lyase, mitochondrial	APEX1	13222000	16502000	2794500	7898200	7983500	8139700	4571000
G3V4S6;G3V433;G3V3R1;P49757-8;P49757-7;P49757-6;P49757-5;P49757-4;P49757-2;P49757-3;P49757;G3V3M5	Protein numb homolog	NUMB	887830	2133600	0	0	0	0	0
G3V448;Q9H3N1	Thioredoxin-related transmembrane protein 1	TMX1	2886500	1192800	0	4786800	1107900	0	1096000
G3V4F7;P61011-2;P61011	Signal recognition particle 54 kDa protein	SRP54	1693900	975820	0	1578200	0	142280	1440100
G3V4P8;P60983;G3V3X4;M0QYG8;M0R1D2;M0R0C1;M0QYJ8;O60234	Glia maturation factor beta	GMFB	162320	0	0	1222500	0	0	198070
G3V4X1		PSMC1	12881000	13961000	2632000	21053000	21772000	18615000	19404000
G3V4X5		PSMA3	33960000	106470000	6688800	117900000	16052000	68188000	83095000
G3V529;Q9GZR7;Q9GZR7-2;F5GYL3;A0A087WXU8	ATP-dependent RNA helicase DDX24	DDX24	324030	1078700	0	178250	3582400	0	0
G3V595;P01011-3;P01011-2;P01011	Alpha-1-antichymotrypsin;Alpha-1-antichymotrypsin His-Pro-less	SERPINA3	8269500	0	0	4543800	0	0	4402800
G3V5T9;P24941;P24941-2;E7ESI2;Q00526;G3V317;K7ELV5;K7EJ83	Cyclin-dependent kinase 2	CDK2	2104600	1659100	0	502990	324160	0	1043500
G3V5V3;O60524-4;O60524-5;O60524-3;O60524;G3V4D9;O60524-2	Nuclear export mediator factor NEMF	NEMF	150280	0	0	0	443860	0	0
G3XAH6;P51003;H7C3W0;G3V3I9;H0YJL4;F8WAT4;G3V2A0;P51003-2;Q9BWT3-2;Q9BWT3	Poly(A) polymerase alpha;Poly(A) polymerase gamma	PAPOLA;PAPOLG	0	0	0	61779	0	0	46237
G3XAM7;P35221;P35221-2;P35221-3;P26232-3;P26232-2;P26232-5;P26232;H0YBB8;E5RIB1;E5RJL0;C9IZ88;E5RIE0;E5RHV7;E5RGY6;E5RG03;E5RJ41;P26232-4;P26232-6	Catenin alpha-1	CTNNA1	845400	346080	0	1312800	289960	671380	739290
G5E972;P42167;H0YJH7	Lamina-associated polypeptide 2, isoforms beta/gamma;Thymopoietin;Thymopentin	TMPO	115220	0	0	0	0	0	0
G5E9A6;P51784	Ubiquitin carboxyl-terminal hydrolase;Ubiquitin carboxyl-terminal hydrolase 11	USP11	146510	0	0	425570	0	98079	176240
G5E9D5;Q9BQ52-4;Q9BQ52;E7ES68;Q9BQ52-3;Q9BQ52-2;J3QRS2;V9GYU5;J3QL08;J3QLK4;V9GYS7;J3QQT1;V9GZ72;H7C2I4	Zinc phosphodiesterase ELAC protein 2	ELAC2	1504700	1173100	0	1165000	632290	450790	767260
G5E9W7;G5E9V5;P82650;H7C5F2;H7C5H3;P82650-2;H7C5L9	28S ribosomal protein S22, mitochondrial	MRPS22	2166000	942640	0	1353900	877790	623670	878090
G5EA42;Q9NZR1;Q9NZR1-2	Tropomodulin-2	TMOD2	477370	0	0	0	0	0	0
G8JLD5;O00429-4;O00429-5;O00429-3;O00429-2;O00429;O00429-8;O00429-6;B4DPZ9;F8W1W3;F8VUJ9;O00429-7;F8VR28;F8VYL3;B4DDQ3;F8VZ52	Dynamin-1-like protein	DNM1L	125450	150090	0	15987	0	0	0
H0Y2Y8;Q15942;B4DQX7;C9JJK5;C9IZ41;H7C3D3	Zyxin	ZYX	2314000	129290	0	3034700	0	653510	1982100
H0Y4R1;P12268;E7ETK5;C9K0R9	Inosine-5-monophosphate dehydrogenase 2	IMPDH2	6909000	6746200	815590	8083200	2742600	4454600	11268000
H0Y4T6;J3KMW3;H0Y8P6;H0Y610;Q9Y237;Q9Y237-3;Q9Y237-2	Peptidyl-prolyl cis-trans isomerase NIMA-interacting 4	PIN4	3589100	3537600	0	5010600	0	1417100	3275100
H0Y5C2;O95260;B4DK25	Arginyl-tRNA--protein transferase 1	ATE1	262720	0	0	299420	367130	198230	0
H0Y5R6;P06132;Q5T446	Uroporphyrinogen decarboxylase	UROD	375260	0	0	920850	0	0	452400
H0Y6K2;P25440-4;P25440-3;P25440;P25440-2;U3KQA6;H0Y799;E9PIQ3	Bromodomain-containing protein 2	BRD2	273780	0	0	294420	0	0	49278
H0Y750;O75787-2;O75787;H7C3E1	Renin receptor	ATP6AP2	0	0	0	1166700	464520	0	1358900
H0Y7A5;Q9BX10-2;Q9BX10-4;Q9BX10;X6RJ09	GTP-binding protein 2	GTPBP2	0	304800	0	0	110810	0	0
H0Y7A7;P62158;E7ETZ0;E7EMB3;Q96HY3;G3V361;M0QZ52;F8WBR5;G3V226;G3V479;P27482;C9J7T9;P02585	Calmodulin	CALM2;CALM1	134980000	57024000	72403000	228640000	80822000	79605000	132710000
H0Y8B3;O43865-2;Q96HN2-4;Q96HN2-3;O43865;Q96HN2-2;Q96HN2	Adenosylhomocysteinase;Putative adenosylhomocysteinase 2;Putative adenosylhomocysteinase 3	AHCYL2;AHCYL1	0	0	0	357520	0	0	289270
H0Y8H2;O00139-2;O00139-1;O00139-5;O00139;O00139-4	Kinesin-like protein KIF2A	KIF2A	577640	0	0	0	0	0	0
H0Y8X4;O43598;O43598-2	2-deoxynucleoside 5-phosphate N-hydrolase 1	DNPH1	2040100	1159000	109810	804490	378120	317040	265850
H0Y942;Q96LP2	Protein FAM81B	FAM81B	22500000	35308000	8808100	75272000	27549000	64387000	15451000
H0Y9X1;Q96EY4;D6RA57;D6RE67;D6RC31	Translation machinery-associated protein 16	TMA16	749140	3350800	0	916890	3651700	0	0
H0YC04;P21281;C9J5E3;C9JNS9;C9JL73;P15313	V-type proton ATPase subunit B, brain isoform	ATP6V1B2	5348100	2801000	70474	2764700	0	796920	2225200
H0YDD4;P10515;E9PEJ4	Acetyltransferase component of pyruvate dehydrogenase complex;Dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial	DLAT	0	285050	0	0	0	0	196800
H0YDU8;P53041;A8MU39;O94769-2;O94769	Serine/threonine-protein phosphatase;Serine/threonine-protein phosphatase 5	PPP5C	1097100	1056500	0	1378200	293280	597570	1064200
H0YE29;Q07960	Rho GTPase-activating protein 1	ARHGAP1	0	84445	0	203310	0	0	0
H0YE57;Q9UBM7	7-dehydrocholesterol reductase	DHCR7	0	0	0	982540	0	957810	453180
H0YGM0;Q9H078-4;Q9H078-2;Q9H078;Q7Z777;H0YFF5;F5GX99;B4DXW4;Q9H078-3;F5H392;F5H7A5;S4R372	Caseinolytic peptidase B protein homolog	CLPB	0	137990	0	114720	0	0	61495
H0YGW7;Q8NE71-2;Q8NE71	ATP-binding cassette sub-family F member 1	ABCF1	0	0	0	59796	87116	0	0
H0YJJ9;H0YJ50;Q99986	Serine/threonine-protein kinase VRK1	VRK1	360200	0	0	0	0	0	0
S4R329;H0YK61;H0YNK0;H0YNK8;H0YLP8;Q5J8M3-3;Q5J8M3-2;Q5J8M3;H0YN63;H0YMH5	ER membrane protein complex subunit 4	EMC4	0	0	0	2945100	0	0	737430
H0YNW5;H0YKC5;P33316-2;P33316;H0YMM5;H0YNJ9;H0YKI0;H0YMP1	Deoxyuridine 5-triphosphate nucleotidohydrolase, mitochondrial	DUT	4396600	1229400	0	4139900	474770	0	620080
H0YKD0;H0YLI6;H0YL72;P50213;H0YM64;H0YMU3;P50213-2	Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial	IDH3A	2693100	479990	0	2387600	0	0	2121900
H0YKT8	Proteasome subunit beta type	PSMA4	10487000	10371000	0	13077000	0	0	0
H0YLW7;H0YMW8;H0YNF3;H0YMR6;H0YLE6;H0YL55;H7BXE3;Q9NWH9	SAFB-like transcription modulator	SLTM	0	912270	0	0	2169000	0	0
H0YLA4;Q00796	Sorbitol dehydrogenase	SORD	1193700	124140	0	0	555510	0	162170
H0YLU7;P13804;H0YL12;H0YKF0;P13804-2;H0YK49;H0YNX6;J3KN60	Electron transfer flavoprotein subunit alpha, mitochondrial	ETFA	20097000	10663000	1032300	16679000	865820	4868600	10485000
H0YMV8;Q71UM5;C9JLI6	40S ribosomal protein S27;40S ribosomal protein S27-like	RPS27L	32492000	35214000	0	0	11000000	0	706660
H0YN26;P39687;O95626;O43423;H7BZ09	Acidic leucine-rich nuclear phosphoprotein 32 family member A	ANP32A	41103000	31016000	6020900	61698000	17967000	14490000	22433000
H0YN81;Q9GZS3;H0YMF9;H0YL19;H0YM76;H3BQA8	WD repeat-containing protein 61;WD repeat-containing protein 61, N-terminally processed	WDR61	1562900	5665900	0	1877900	2986100	0	0
H3BLU7;O43488;Q8NHP1;O95154	Aflatoxin B1 aldehyde reductase member 2	AKR7A2	310300	0	0	189780	0	0	170200
H3BLZ8;Q92841;Q92841-1;Q92841-3;Q92841-2	Probable ATP-dependent RNA helicase DDX17	DDX17	34041000	42509000	2178700	13245000	16354000	4727200	7821400

H3BM38;O00161;H3BNE1;H3BR18;H3BPJ0;H3BV99;H3BP15;H3BQY9;O00161-2;H3BNG6;H3BU94;H3BR99	Synaptosomal-associated protein;Synaptosomal-associated protein 23	SNAP23	2779600	0	0	0	0	0	0
H3BT44;H3BPQ9;H3BR82;H3BMF4;Q9H2V7-5;Q9H2V7-3;Q9H2V7-2;Q9H2V7	Protein spinster homolog 1	SPNS1	0	0	0	663900	0	0	0
H3BMH2;H3BSC1;P62491-2;Q15907-2;P62491;Q15907;B4DQU5	Ras-related protein Rab-11A;Ras-related protein Rab-11B	RAB11A;RAB11B	3573100	2385000	0	4706400	0	0	2980500
H3BS87;H3BMJ8;Q9H7D3;H3BSP8;H3BTU3;H3BQ53;Q9BQ70	Transcription factor 25	TCF25	647370	0	0	0	0	0	0
H3BPG5;H3BV80;H3BMS0;H3BMM9;H3BTC0;Q15287-3;Q15287-2;Q15287	RNA-binding protein with serine-rich domain 1	RNPS1	0	0	0	0	0	0	0
H3BMQ0;P49815-7;P49815-6;P49815-5;P49815-3;P49815-2;P49815-4;P49815;I3L4N1;D6RIT6;D6RB58;D6RHH9;H3BQK4;Q8TCT1;Q8TCT1-2;Q8TCT1-3	Tuberin	TSC2	0	0	0	67531	24268	247380	0
H3BQF7;H3BMU1;H3BUI0;J3KR23;P53990-2;P53990-3;P53990;P53990-4;P53990-5;F5GXM3	IST1 homolog	IST1	625270	0	0	917810	0	0	516730
H3BMZ1;H3BRL8;H3BPZ1;H3BS72;Q9P035-2;Q9P035	Very-long-chain (3R)-3-hydroxyacyl-CoA dehydratase 3	HACD3	2601100	2705500	0	1674800	714610	838030	1369300
H3BNB9;Q9Y4X5;H3BSK4	E3 ubiquitin-protein ligase ARIH1	ARIH1	574430	0	0	993790	177330	1151400	1652300
H3BTK3;I3L3X8;H3BSW7;H3BUY4;H3BPY5;H3BNU9;Q9Y2V2	Calcium-regulated heat stable protein 1	CARHSP1	790410	0	0	1426300	0	0	1558300
H3BNV7;Q9Y3D0	Mitotic spindle-associated MMXD complex subunit MIP18	FAM96B	1794400	0	0	0	1447700	1451000	895310
H3BPE1;H3BQK9;Q9UPN3-5;Q9UPN3-3;Q9UPN3-2;Q9UPN3;H0Y390;Q9UPN3-4;H0YD69;E9PNZ4	Microtubule-actin cross-linking factor 1, isoforms 1/2/3/5	MACF1	74424	0	0	7619800	25193	49120	1895000
H3BPE7;P35637-2;P35637	RNA-binding protein FUS	FUS	44547000	39989000	3984100	32025000	20907000	14670000	21151000
H3BPF6;Q99471;H3BMQ1;Q99471-2;Q99471-3	Prefoldin subunit 5	PFDN5	2097700	1217600	0	2507500	0	0	0
H3BPK3;Q16775-2;Q16775;H3BPQ4;H3BV79	Hydroxyacylglutathione hydrolase, mitochondrial	HAGH	933760	944170	0	697910	0	0	912010
H3BR35;P15170;P15170-2;P15170-3;Q8IYD1;H3BSV8	Eukaryotic peptide chain release factor GTP-binding subunit ERF3A;Eukaryotic peptide chain release factor GTP-binding subunit ERF3B	GSPT1;GSPT2	2459200	247330	0	1821800	127150	564560	1569800
H3BRG4;P22695	Cytochrome b-c1 complex subunit 2, mitochondrial	UQCRC2	273860	377160	0	580510	322910	0	249720
H3BRL3;O14562;H3BUM8	Ubiquitin domain-containing protein UBFD1	UBFD1	797830	1720600	0	1326700	196920	0	0
H3BRS3;Q9Y4R8	Telomere length regulation protein TEL2 homolog	TELO2	0	0	0	314030	0	0	0
H3BS42;Q9H5H4;K7ERP0;K7EJE2;Q96SL8	Zinc finger protein 768	ZNF768	54662	0	0	0	83287	0	78403
H3BSW0;Q8N9N7	Leucine-rich repeat-containing protein 57	LRRC57	139190	0	0	5308800	0	0	2453500
H3BTA2;P60510;H3BV22;I3L4X0	Serine/threonine-protein phosphatase;Serine/threonine-protein phosphatase 4 catalytic subunit	PPP4C	494210	614230	0	1624500	772780	982770	708470
H3BTH6;Q8NEZ5;Q8NEZ5-3	F-box only protein 22	FBXO22	1355100	0	0	1771400	0	0	1463500
I3L3Y2;H3BUN0;Q7Z6E9-4;Q7Z6E9-2;Q7Z6E9;Q7Z6E9-3	E3 ubiquitin-protein ligase RBBP6	RBBP6	0	0	311900	0	0	0	0
H6UMI1;O95166;F5GZY7;Q9H0R8;Q9H0R8-2;I3L3J4	Gamma-aminobutyric acid receptor-associated protein;Gamma-aminobutyric acid receptor-associated protein-like 1	GABARAP;GABARAPL1	7401400	3783200	0	12330000	422060	0	3633300
H7BY58;P22061;P22061-2;F6S8N6;F8WDT3;F8WAV5;F8WAX2;C9J0F2;H7C4X2	Protein-L-isoaspartate O-methyltransferase;Protein-L-isoaspartate(D-aspartate) O-methyltransferase	PCMT1	21224000	7599400	5061800	33578000	4292200	13924000	15703000
Q5JRG1;H7BYF2;Q9BVL2-2;Q9BVL2-3;Q9BVL2	Nucleoporin p58/p45	NUPL1	611790	463820	0	0	0	0	0
H7BYY1;F5H7S3;B7Z596;H0YK48;P09493-2;P09493-5;P09493-8;P09493-3;P09493-4;P09493-10;Q6ZN40;P09493-9;P09493-7;H0YKX5;H0YNC7;H0YL52;P09493-6;P09493;H0YL42;H0YK20;H0YN06	Tropomyosin alpha-1 chain	TPM1	11359000	1816400	6492900	8273000	6053400	8402300	4860600
H7BZJ3		PDIA3	1649000	0	465700	3174700	0	1479800	1473500
H7C2R6;H7BZW1;P57076	UPF0769 protein C21orf59	C21orf59	0	0	0	1373200	0	0	0
H7C0E5;O75312;H7BZM7	Zinc finger protein ZPR1	ZPR1	137650	0	0	157000	0	0	88491
H7C148;O75175-2;O75175;H7C3F5;O75175-3;A0A087X0F9	CCR4-NOT transcription complex subunit 3	CNOT3	451180	0	0	948340	0	0	0
H7C1E4;P61966	AP-1 complex subunit sigma-1A	AP1S1	0	0	0	485450	0	0	0
H7C2Q8;Q99848	Probable rRNA-processing protein EBP2	EBNA1BP2	636190	6270200	0	0	5404400	0	0
H7C3P7;P11233;F8WEQ6;C9JPE8;C9JYR1;C9J6B1;C9JQB3;P11234;P11234-3;P11234-2	Ras-related protein Ral-A	RALA	3870800	0	0	0	0	0	247620
I3L0H8;Q9NUU7;F6QDS0;H3BQK0;Q9UMR2-2;Q9UMR2-4;Q9UMR2;I3L352;Q9UMR2-3;Q9NUU7-2;H3BTB3;H3BMQ5;H3BN59;H3BP36;H3BP50;J3QRH0;H3BSL8	ATP-dependent RNA helicase DDX19A;ATP-dependent RNA helicase DDX19B	DDX19A;DDX19B	712940	399640	0	597310	72792	76826	479640
I3L0N3;P46459-2;P46459;I3L2G1;K7EQD6;I3L0L3	Vesicle-fusing ATPase	NSF	409620	0	0	413520	0	0	105030
I3L1P8;Q02978;Q02978-2	Mitochondrial 2-oxoglutarate/malate carrier protein	SLC25A11	1654300	572100	0	2553600	472470	398620	1341600
I3L297;P46108-2;P46108	Adapter molecule crk	CRK	0	0	0	0	0	0	353320
I3L2B0		CLUH	165310	0	0	140220	58573	59082	560840
I3L2E0;Q96E14	RecQ-mediated genome instability protein 2	RMI2	0	0	0	0	11112000	1843000	0
I3L2G3;Q9HA64	Ketosamine-3-kinase	FN3KRP	0	0	0	1121400	0	0	626710
I3L387;P53350	Serine/threonine-protein kinase PLK1	PLK1	0	350090	225180	0	0	0	0
I3L397;I3L504;P63241;P63241-2;Q6IS14;F8WCJ1;C9J7B5;C9J4W5;Q9GZV4	Eukaryotic translation initiation factor 5A;Eukaryotic translation initiation factor 5A-1;Eukaryotic translation initiation factor 5A-1-like;Eukaryotic translation initiation factor 5A-2	EIF5A;EIF5AL1;EIF5A2	266660000	246720000	33231000	328250000	80583000	80833000	153290000
I3L3P7;P62244;I3L246;H3BN98;H3BV27;H3BT37;I3L303;H3BVC7	40S ribosomal protein S15a	RPS15A	627600000	698510000	0	135580000	341430000	12506000	65835000
I3L505	Acyl carrier protein	NDUFAB1	0	4594300	0	5687700	0	3753800	0
I3NI36;Q92667;I3L0W0	A-kinase anchor protein 1, mitochondrial	AKAP1	2151800	745710	0	431570	0	0	235070
J3KN36;Q5JPE7-2;P69849;Q5JPE7;A0A087X117;Q5JPE7-3;Q15155;A0A087WW46;H3BPS9;A0A087WTD5	Nodal modulator 2;Nodal modulator 3;Nodal modulator 1	NOMO3;NOMO2;NOMO1	76731	61413	0	241780	384990	121950	427200
J3KN67;P06753;P06753-7;K7EP68;K7ERG3;H0YL80;H0YKP3;K7EQW8	Tropomyosin alpha-3 chain	TPM3	1362600	1822400	0	0	0	3413300	2509100
J3KNN5;Q9UJV9;H0YA06;H0Y8L8;D6RGI7	Probable ATP-dependent RNA helicase DDX41	DDX41	628560	680670	0	79087	0	0	43316
J3KPP4;O95232;G3V2C9;G3V415;G3V3J9;G3V2N0;D6RDI2;P59768	Luc7-like protein 3;Guanine nucleotide-binding protein subunit gamma;Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-2	LUC7L3;GNG2	645220	0	0	0	0	186140	0
J3KQ32;Q9NTK5-2;Q9NTK5-3;C9JCJ9;C9JTK6	Obg-like ATPase 1	OLA1	4528700	2982100	0	3376100	364340	605420	2677000
J3KQ48;Q9Y3E5	Peptidyl-tRNA hydrolase 2, mitochondrial	PTRH2	0	453370	0	0	0	0	0
J3KRF8;J3KTD6;Q96GD4-3;Q96GD4-2;Q96GD4;Q96GD4-5;J3KRJ2;J3QR41;J3QLN8;Q96GD4-4	Aurora kinase B	AURKB	0	0	0	1312300	1978400	560320	390980
J3KRV4;P46734-2;P46734;P46734-3	Dual specificity mitogen-activated protein kinase kinase 3	MAP2K3	0	0	0	0	0	0	164630
J3KRY8;Q9BZE9-3;Q9BZE9;Q9BZE9-2;J3QR12;Q9BZE9-4;J3KRF7;J3QL04	Tether containing UBX domain for GLUT4	ASPSCR1	0	0	0	1194800	0	669550	236090
J3KS22;Q7Z4W1;J3QS36;J3QS45;J3KRZ4;J3KSZ5;J3QL34	L-xylulose reductase	DCXR	178350	187180	0	837430	0	0	405890
J3KS45;J3KTQ7;J9JIE6;Q9UM00-2;Q9UM00	Transmembrane and coiled-coil domain-containing protein 1	TMCO1	0	0	0	0	0	527580	0
J3KS79;K7ENH5;K7ES02;Q13867	Bleomycin hydrolase	BLMH	970650	0	0	3260900	0	0	0
J3KSH8;J3KT51;Q9UK76-3;Q9UK76;Q9UK76-2	Hematological and neurological expressed 1 protein;Hematological and neurological expressed 1 protein, N-terminally processed	HN1	0	0	0	3729300	0	0	2250600
J3KSW8;Q6WCQ1-3;Q6WCQ1;Q6WCQ1-2;H0Y7E2;H0Y2S9	Myosin phosphatase Rho-interacting protein	MPRIP	282960	0	0	0	0	0	0
J3QR09;J3KTE4;P84098;J3QL15	Ribosomal protein L19;60S ribosomal protein L19	RPL19	138750000	235690000	122170	54458000	338480000	2020000	8596300
J3KTF8;J3QQX2;P52565;J3KRE2;P52565-2;J3KS60	Rho GDP-dissociation inhibitor 1	ARHGDIA	14449000	6762200	294790	16519000	364910	1579100	7233200
J3KTG4;Q8N0Z8-2;Q8N0Z8	tRNA pseudouridine synthase;tRNA pseudouridine synthase-like 1	PUSL1	0	0	0	0	400800	0	0
J3QK89;Q8IWX8	Calcium homeostasis endoplasmic reticulum protein	CHERP	2190700	741310	124690	1389600	0	2487400	1080800
J3QL54;Q9BW27-3;Q9BW27;F5H0W7;J3KT10;Q9BW27-2;J3KS87;J3QLV0;J3QLD4;J3QLH0	Nuclear pore complex protein Nup85	NUP85	427270	0	420140	0	0	0	0
J3QLR8;Q9Y3D9	28S ribosomal protein S23, mitochondrial	MRPS23	7826200	10599000	0	901460	814700	0	389770
J3QQS1;J3QLS3;Q9Y2R9;J3KSI8;J3QKW2	28S ribosomal protein S7, mitochondrial	MRPS7	1098000	877060	0	0	0	0	0
J3QQ67;Q07020;G3V203;H0YHA7;Q07020-2;F8VYV2;A0A075B7A0;F8VUA6;F8VXR6	60S ribosomal protein L18	RPL18	660290000	1006700000	0	132790000	675550000	14735000	59387000
J3QRD1;P51648;P51648-2;J3KTD9;I3L2W1	Fatty aldehyde dehydrogenase	ALDH3A2	153960	0	0	0	0	0	114250
J3QRG6;P42771;P42771-4;K7ES20;G3XAG3;K7ENC6;P42771-2;P42771-3	Cyclin-dependent kinase inhibitor 2A	CDKN2A	7371500	3704700	0	9323400	328750	1823600	4734900
J3QRM9;Q8N138-4;Q8N138;J3KTF9;F6WST4;F8VXD5;Q9P0S3;Q53FV1	ORM1-like protein 3;ORM1-like protein 1;ORM1-like protein 2	ORMDL3;ORMDL1;ORMDL2	0	0	0	2999700	5355600	3546800	2601900
J3QRS3;P19105;O14950;P24844;J3KTJ1;P24844-2	Myosin regulatory light chain 12A;Myosin regulatory light chain 12B	MYL12A;MYL12B	55753000	27803000	11326000	32174000	22462000	33252000	23389000
J3QRS9;X6R4W8;O43670-2;O43670;O43670-4;O43670-3;J3KS31;J3QS27;J3KTL1;J3KRB6;J3KRW6;H0Y3M2	BUB3-interacting and GLEBS motif-containing protein ZNF207	ZNF207	3352600	2372000	626350	2369400	702530	1771100	1690800
J3QRU1;P07947;P12931;P12931-2;Q573B4;P06241-3;P06239;P06241-2;P06241;P06239-3	Non-specific protein-tyrosine kinase;Tyrosine-protein kinase Yes	YES1	1866000	0	63233	86979	0	123700	299110
J3QT28;O43684-2;O43684;J3QSX4	Mitotic checkpoint protein BUB3	BUB3	23553000	19351000	16265000	32246000	8302000	21483000	14523000
J3QTA2;Q99933-4;Q99933-3;Q99933;Q99933-2;C9JYK5	BAG family molecular chaperone regulator 1	BAG1	0	3363500	415470	2806600	688650	1346300	1127400
J9JID7;Q03252	Lamin-B2	LMNB2	91141	0	0	0	0	290350	0
K4DI93;Q13620-3;Q13620-1;Q13620;Q13619-2;Q13619;A6NE76	Cullin-4B;Cullin-4A	CUL4B;CUL4A	482980	0	0	1484400	0	0	117490
K7EM02;K7EIJ8;Q8IYT4-2;Q8IYT4	Katanin p60 ATPase-containing subunit A-like 2	KATNAL2	3807300	4302700	0	21676000	2586500	4442300	6115700
K7EIY6;Q9BV68-2;Q9BV68;U3KQF4;U3KPY8	E3 ubiquitin-protein ligase RNF126	RNF126	1258400	1354900	974460	16773000	10510000	15465000	12611000
K7EJE8;K7EKE6;P36776-2;P36776;P36776-3;K7ER27;K7ER56;K7ERR6;K7EQF8	Lon protease homolog, mitochondrial	LONP1	1292000	434160	0	1108300	1832000	2420100	764160
K7EK07;Q71DI3;Q16695;P84243;P68431;K7EMV3;B4DEB1;Q5TEC6;K7ES00;Q6NXT2;K7EP01	Histone H3;Histone H3.2;Histone H3.1t;Histone H3.3;Histone H3.1;Histone H3.3C	H3F3B;HIST2H3A;HIST3H3;H3F3A;HIST1H3A;HIST2H3PS2;H3F3C	119500000	156340000	0	28991000	17397000	0	16746000
K7EQ55;K7EK33;Q96EP5-2;Q96EP5;K7EQ02	DAZ-associated protein 1	DAZAP1	8704000	2642900	498000	9872600	1768500	1580000	3665100
K7EP07;K7EK42;Q99426-2;Q99426;K7EQH0;K7ER04;K7EL99	Tubulin-folding cofactor B	TBCB	1083600	895720	0	1601800	0	0	775110
K7EKI4;K7ELF1;K7ELQ0;K7ES61;X6RAY8;Q9BYD3-2;Q9BYD3	39S ribosomal protein L4, mitochondrial	MRPL4	0	0	0	0	0	0	0
K7EL20;O75821;K7ER90;K7ENA8;K7EP16;K7EL60	Eukaryotic translation initiation factor 3 subunit G	EIF3G	3468700	2559400	0	5817500	4348000	2193700	865430
K7ELL7;P14314-2;P14314;K7EPW7;K7EKX1;K7EJ70;H0Y6C0;F8WB94	Glucosidase 2 subunit beta	PRKCSH	13899000	7748300	446080	14902000	1209200	1610800	7967400
K7EM18;P41567;O60739;K7EQP2	Eukaryotic translation initiation factor 1;Eukaryotic translation initiation factor 1b	EIF1;EIF1B	8761200	5308800	0	3323800	0	1909900	1950700
K7EME0;P42765;K7ER88;K7EJB1;K7EJ68	3-ketoacyl-CoA thiolase, mitochondrial	ACAA2	345000	381440	0	443570	0	0	348150
K7ES31;K7EMQ9;K7ERF1;Q9UBQ5-2;Q9UBQ5;K7EQM4;A0A087WVB9	Eukaryotic translation initiation factor 3 subunit K	EIF3K	7322300	4750900	0	14087000	0	2532400	9702300
K7ENG2;P26368-2;P26368	Splicing factor U2AF 65 kDa subunit	U2AF2	1554600	267050	1004300	0	0	0	621820
K7ENM7;Q9UK11;K7EPW2;K7ER65;K7EQ32	Zinc finger protein 223	ZNF223	0	253830	0	1208000	19580	2330500	189840
K7EP06;O43148;O43148-2;K7ERH6	mRNA cap guanine-N7 methyltransferase	RNMT	0	0	0	800270	258960	1209200	1164500
K7EPQ7;Q5BJH7-2;Q5BJH7-6;Q5BJH7-3;Q5BJH7	Protein YIF1B	YIF1B	0	0	0	0	3155100	3407500	3189100
K7EPQ8;O75293	Growth arrest and DNA damage-inducible protein GADD45 beta	GADD45B	0	0	0	393700	263360	1784900	628550
K7EQJ5;P62841;K7EM56;K7EJ78;S4R417;K7ELC2;S4R456	40S ribosomal protein S15	RPS15	290960000	327800000	9111500	156790000	410540000	37472000	79003000
K7ERD7;O95707;K7ESH8;K7EQV2	Ribonuclease P protein subunit p29	POP4	0	1410800	0	442600	1040600	0	0
K7ERI7;K7EMH1;P35268;K7EP65;K7EKS7;K7ELC4;K7EJT5	60S ribosomal protein L22	RPL22	752810000	1038300000	3756900	296000000	577320000	26601000	147670000
K7ES11;Q9C0C9	E2/E3 hybrid ubiquitin-protein ligase UBE2O	UBE2O	180490	0	0	195670	0	0	157450
K7ESB6;U3KQB3;Q9HCP0-2;P78368;Q9HCP0;Q9Y6M4-3;Q9Y6M4-4;Q9Y6M4;Q9Y6M4-2;U3KQN9;U3KQA5;K7EP38;A0A087WWF5;Q9Y6M4-5;U3KQP7;K7EJC0;A0A087WZK4;A0A087WXD7;Q9Y6M4-6	Casein kinase I isoform gamma-1;Casein kinase I isoform gamma-2;Casein kinase I isoform gamma-3	CSNK1G2;CSNK1G1;CSNK1G3	517440	464390	0	0	0	0	0
M0QXF7;M0QYN0;Q969H8	Myeloid-derived growth factor	MYDGF	2267200	0	0	2870600	0	0	1863100
M0R299;M0QXL5;P22087;M0R0P1;M0R2Q4;M0R2U2;M0R1H0;M0R2B0	rRNA 2-O-methyltransferase fibrillarin	FBL	2834000	3647300	0	3219600	5089200	0	171080
M0QXN5;P37198	Nuclear pore glycoprotein p62	NUP62	1425600	0	0	0	0	0	0
M0QXU7;O43615;M0QXM9	Mitochondrial import inner membrane translocase subunit TIM44	TIMM44	0	0	0	715300	0	0	204820
M0QXZ5;Q96B54	Zinc finger protein 428	ZNF428	5613400	1622200	0	3496000	462540	378430	1800600
M0QY25;Q86YD1-3;Q86YD1;M0QYH6;Q86YD1-2;M0QX53;M0QYQ4;M0QYH7	Prostate tumor-overexpressed gene 1 protein	PTOV1	0	0	0	1075200	694180	417720	524860
M0QY97;Q9UPT8	Zinc finger CCCH domain-containing protein 4	ZC3H4	130850	365150	1602200	726870	375990	4343200	312470
M0QYA2;Q9NWS0;M0R0J2;M0R2P8;M0R3A8;M0QYF4;M0R3A4;M0QXD5;Q9NWS0-3	PIH1 domain-containing protein 1	PIH1D1	0	0	0	0	0	0	0
M0QYE0;M0R0I3;Q99961;Q99961-3;Q99961-2;Q99962	Endophilin-A2;Endophilin-A1	SH3GL1;SH3GL2	0	0	0	1764900	0	0	0
M0QYT0;M0QXS7;M0R076;M0R280;M0R1A2;H7C464;B7WPG3;C9IYN3;D6W592;Q8WVV9-5;Q8WVV9-4;Q8WVV9			0	0	1169800	258250	0	478780	455250
M0R0N4;M0QYZ2;P53680;M0QZ21;X6R390;P53680-2	AP-2 complex subunit sigma	AP2S1	0	562010	0	3977100	0	0	0
M0QZI4;Q8IV08	Phospholipase D3	PLD3	1183600	0	0	646450	298880	1057100	704470
M0QZL1;M0R192;P30043	Flavin reductase (NADPH)	BLVRB	0	747270	0	1764900	0	0	917320
M0QZM1		HNRNPM	0	819380	0	0	873180	0	0
M0R050;Q9NQT4	Exosome complex component RRP46	EXOSC5	875540	0	0	0	0	0	0
M0R0F0;P46782;M0R0R2;M0QZN2	40S ribosomal protein S5;40S ribosomal protein S5, N-terminally processed	RPS5	1271100000	1408500000	13605000	395590000	1066800000	54188000	185890000
M0R0Y2;P54920;M0R213;M0R2M1	Alpha-soluble NSF attachment protein	NAPA	0	203360	0	264480	0	0	0
M0R117;Q02543;M0R3D6;M0R1A7;M0R0P7	60S ribosomal protein L18a	RPL18A	305180000	430700000	0	47942000	279830000	4480200	35020000
M0R2S2;M0R165;Q9UBC2-4;Q9UBC2-3;Q9UBC2;Q9UBC2-2	Epidermal growth factor receptor substrate 15-like 1	EPS15L1	0	0	0	116660	0	0	0
M0R2B7;P28340;M0QZR8;M0QZB4;M0R2I8;M0QXE6;M0R3H8	DNA polymerase;DNA polymerase delta catalytic subunit	POLD1	0	43253	0	54685	33366	2969800	241530
M0R3F6;M0R2Z9;Q8IX01-4;Q8IX01-3;Q8IX01	SURP and G-patch domain-containing protein 2	SUGP2	121720	82222	0	0	0	0	0
O00148;B1Q2N1;O00148-2;K7EQN7;K7EPJ3	ATP-dependent RNA helicase DDX39A	DDX39A	172460	130570	0	283910	0	0	138630
O00151	PDZ and LIM domain protein 1	PDLIM1	2945200	0	0	2209200	0	0	1367100
O00154-4;O00154-2;O00154-3;O00154-6;O00154-5;O00154-7;O00154;K7EKP8	Cytosolic acyl coenzyme A thioester hydrolase	ACOT7	2438900	1573800	0	2486500	0	382270	1861000
O00170;E9PMH2;V9GYQ3	AH receptor-interacting protein	AIP	750560	198910	0	1773700	179640	255900	682400
O00231;O00231-2;J3QRY4;J3QS13;J3KSW3	26S proteasome non-ATPase regulatory subunit 11	PSMD11	820990000	1129900000	814820000	1425900000	1133000000	1410900000	1141800000
O00232;O00232-2;J3KTJ5;J3KSK1;REV__A8MT70-3;REV__A8MT70;REV__A8MT70-2;P0C617	26S proteasome non-ATPase regulatory subunit 12	PSMD12	715300000	923050000	730640000	1262900000	929560000	1099900000	811340000
O00264;O00264-2;U3KQM0	Membrane-associated progesterone receptor component 1	PGRMC1	7674500	3775500	0	7626500	4596200	1337600	5365500
O00268;V9GY14	Transcription initiation factor TFIID subunit 4	TAF4	0	0	0	0	0	80746	2877500
O00273;O00273-2;K7ERT1	DNA fragmentation factor subunit alpha	DFFA	1078600	0	0	3398200	0	576660	1630400
O00299;A6PVS0;Q9NZA1-3;O15247;Q9NZA1-2;Q9NZA1	Chloride intracellular channel protein 1	CLIC1	9427500	3676800	0	11009000	2039800	898600	6538200
O00303;H0YDT6	Eukaryotic translation initiation factor 3 subunit F	EIF3F	2445900	6288500	0	2158200	1389200	549700	2941500
O00410;O00410-3;H0Y8C6;O00410-2;E7ETV3;H0Y3V4;C9JMV5;C9JZ53;E7EQT5;E7EV12;O60518;C9JXE0;C9JZD8;C9J875;C9JQT6;E7ESA1;E7ESZ1;E7EWK4;E7EX05;E7ETV8	Importin-5	IPO5	4284000	1965500	0	2710300	642230	1067200	1295700
O00411;K7EMH3;K7ESD1	DNA-directed RNA polymerase, mitochondrial	POLRMT	468920	728600	0	0	149410	0	130630
O00425;O00425-2;F8WD15	Insulin-like growth factor 2 mRNA-binding protein 3	IGF2BP3	58347000	56350000	1182800	47163000	46141000	5945000	25258000
O00442;O00442-2	RNA 3-terminal phosphate cyclase	RTCA	1407500	568480	0	518050	0	0	719830
O00458;O00458-2;H0YEE3;C9JLG5;C9JA65	Interferon-related developmental regulator 1	IFRD1	248150	823090	0	815000	409910	0	0
O00488;A9J4F5	Zinc finger protein 593	ZNF593	1587500	0	0	0	0	0	0
O00505;H0Y4S9	Importin subunit alpha-4	KPNA3	4222400	3746500	2056200	5382400	2946200	4909700	1520300
O00567;Q5JXT2;H0YDU4;H0Y653	Nucleolar protein 56	NOP56	342470	1929800	91573	446470	840600	0	0
O00571-2;O00571;O15523-2;O15523;O15523-3;C9J081;A0A087WVZ1;C9J8G5;B4DLA0;D6RCM4;Q9NQI0-3;Q9NQI0-2;Q9NQI0-4;Q9NQI0;A0A087WX09;H0Y960	ATP-dependent RNA helicase DDX3X;ATP-dependent RNA helicase DDX3Y	DDX3X;DDX3Y	19486000	29053000	4292000	13046000	15756000	11204000	6515500
O00629;H7C4F6	Importin subunit alpha-3	KPNA4	1497500	1153500	0	1820000	1560200	1450600	1206200
O00743-2;O00743;O00743-3;Q5T1S7	Serine/threonine-protein phosphatase 6 catalytic subunit;Serine/threonine-protein phosphatase 6 catalytic subunit, N-terminally processed	PPP6C	636700	782990	0	399360	0	282120	277950
O00762-2;O00762;O00762-3;O00762-4	Ubiquitin-conjugating enzyme E2 C	UBE2C	283330	0	0	531170	0	0	0
O00767	Acyl-CoA desaturase	SCD	0	0	0	1150900	305690	697490	1033500
O14524-2;O14524	Transmembrane protein 194A	TMEM194A	751280	4141300	0	0	540770	117510	0
O14545;F8VNX8;F8VVF3;O14545-2;S4R2Z9;F8VWK2	TRAF-type zinc finger domain-containing protein 1	TRAFD1	0	0	0	1714500	1686900	1819600	507460
O14561;H3BNK3	Acyl carrier protein, mitochondrial;Acyl carrier protein	NDUFAB1	1124700	0	0	0	0	4936800	2367100
O14617-3;O14617-4;O14617-2;O14617;O14617-5;K7ELX8	AP-3 complex subunit delta-1	AP3D1	0	0	0	0	0	60837	80335
O14654	Insulin receptor substrate 4	IRS4	1348900	2568000	0	1407700	3843300	558960	1187300
O14737;O14737-2;K7EQA1;Q3HM38;X6R2P6;K7ESJ4	Programmed cell death protein 5	PDCD5	9384200	1488700	0	0	1210200	2230500	2333000
O14744;O14744-5;O14744-2;O14744-3;O14744-4;G3V580;G3V5L5;H0YJX6;G3V2L6;G3V2X6;C9JSX3;H0YJ77;G3V507;H0YJY6;G3V2F5;H0YJD3;G3V5T6;H7BZ44	Protein arginine N-methyltransferase 5;Protein arginine N-methyltransferase 5, N-terminally processed	PRMT5	14018000	19468000	7785400	18925000	5035900	16178000	13771000
O14745;J3QRP6;O14745-2	Na(+)/H(+) exchange regulatory cofactor NHE-RF1	SLC9A3R1	1000700	250490	0	565110	0	0	206270
O14818;O14818-4;Q8TAA3-2;Q8TAA3-5;Q8TAA3;A0A087WYS6;F5GY34	Proteasome subunit alpha type-7	PSMA7	4186300000	5528300000	3199900000	4202200000	2581500000	3516400000	3111500000
O14818-2	Proteasome subunit alpha type-7	PSMA7	22596000	36639000	10580000	25682000	11741000	0	17164000
O14828-2;O14828	Secretory carrier-associated membrane protein 3	SCAMP3	267810	0	0	0	0	0	0
O14907;A0A087X282	Tax1-binding protein 3	TAX1BP3	0	0	0	2139700	0	0	790990
O14929;O14929-2;F8WEW1;F8W9G7	Histone acetyltransferase type B catalytic subunit	HAT1	2877100	917650	280830	3939600	567510	2405600	2549400
Q5JS74;O14936-3;O14936-4;O14936-6;O14936-2;O14936	Peripheral plasma membrane protein CASK	CASK	64306	0	85791	135570	0	163620	80944
O14974-5;O14974-4;O14974-3;O14974;O14974-2;F8VZN8;H0YIS4;H0YHL8;H0YIS3;H0YHI8;F8VW28;H0YIM2;H0YIL7	Protein phosphatase 1 regulatory subunit 12A	PPP1R12A	2403800	248390	314090	173070	246080	326780	244420
O14980;C9JKM9;C9JF49;C9IYM2;H7BZC5;F8WF71;C9IZS4;C9JQ02;C9JV99;C9J673	Exportin-1	XPO1	675820	640220	0	854960	0	0	290980
O15018;O15018-2	PDZ domain-containing protein 2;Processed PDZ domain-containing protein 2	PDZD2	45494	233840	0	1627300	844670	450990	401200
O15020;O15020-2;A4QPE4	Spectrin beta chain, non-erythrocytic 2	SPTBN2	999290	0	17330	44379	173480	48044	34090
O15067;J3KT98;J3QSG0;J3QSH6	Phosphoribosylformylglycinamidine synthase	PFAS	662860	616040	0	1037200	142550	112130	574150
O15143;C9J4Z7;F8VXW2;C9JEY1;C9JQM8;C9JFG9;C9J6C8;C9JTT6;C9JBJ7;C9K057	Actin-related protein 2/3 complex subunit 1B	ARPC1B	13842000	2596200	2569200	3689700	3465200	1826800	4063200
O15144;H7C3F9;C9JTV5;G5E9J0;G5E9S7	Actin-related protein 2/3 complex subunit 2	ARPC2	10190000	3206400	1228600	9848600	1338500	1097800	5581900
O15145;C9JZD1;F8VR50	Actin-related protein 2/3 complex subunit 3	ARPC3	16083000	791550	5642300	13663000	4626100	12309000	11997000
O15160-2;O15160;E7EQB9;D6RDJ3;H0Y723	DNA-directed RNA polymerases I and III subunit RPAC1	POLR1C	7872400	4124600	3984600	10332000	8626700	4881100	7978700
O15173;O15173-2	Membrane-associated progesterone receptor component 2	PGRMC2	689190	251880	4501800	0	0	950660	391960
O15195-2;O15195;H7BZ43;D6R9H2	Villin-like protein	VILL	0	0	0	416910	204220	0	0
O15226;O15226-2;A0A087WXT2	NF-kappa-B-repressing factor	NKRF	12094000	11410000	0	2463900	8697600	80579	1160400

O15234;J3QSC4;J3KSY7	Protein CASC3	CASC3	184410	0	0	111240	0	0	63904
O15269-2;O15269	Serine palmitoyltransferase 1	SPTLC1	0	0	0	2206800	0	0	0
O15294;O15294-3;O15294-2;O15294-4;C9JZL3;H7C2T7	UDP-N-acetylglucosamine--peptide N-acetylglucosaminyltransferase 110 kDa subunit	OGT	153580	66900	81211	1480500	303030	1153000	876040
O15355	Protein phosphatase 1G	PPM1G	3122100	1429100	0	4047200	393000	1521500	2228500
O15371-2;O15371-3;O15371;B0QYA5;B0QYA4;B0QYA8;B0QYA6;B0QYA7	Eukaryotic translation initiation factor 3 subunit D	EIF3D	4452800	7117700	0	4071800	1809300	1616900	1957000
O15379;O15379-2;E7ESJ6	Histone deacetylase 3	HDAC3	672400	833670	1569800	1277800	1272900	2120000	0
O15381-3;O15381-4;O15381-2;O15381-5;O15381	Nuclear valosin-containing protein-like	NVL	233970	564790	0	0	646620	0	0
O15446;O15446-2	DNA-directed RNA polymerase I subunit RPA34	CD3EAP	7359400	7298500	0	13629000	2459200	1045000	5921800
O15460-2;O15460;C9JX45;A8MXE0;E7ERI1;E7ENX0;E7EPI9;C9JCP0;C9JN43;C9JIG4;C9JFJ1;Q8IU57-2;REV__F5GZT0;REV__Q5TIA1	Prolyl 4-hydroxylase subunit alpha-2	P4HA2	3170900	440740	35926000	8807100	2106200	17220000	6292700
O15511;O15511-2;B1ALC0	Actin-related protein 2/3 complex subunit 5	ARPC5	8303900	0	0	515630	187880	0	909980
O15514;E9PB93;E9PHV4	DNA-directed RNA polymerase II subunit RPB4	POLR2D	0	0	764650	3773700	0	0	1505500
O43143;O60231	Pre-mRNA-splicing factor ATP-dependent RNA helicase DHX15	DHX15	44656000	31477000	14541000	43532000	10426000	30652000	21540000
O43172-2;O43172	U4/U6 small nuclear ribonucleoprotein Prp4	PRPF4	12035000	14873000	2936200	6390600	14746000	4696300	4501200
O43175;Q5SZU1	D-3-phosphoglycerate dehydrogenase	PHGDH	21917000	9744900	0	23025000	5709200	4061700	12283000
O43242;H0YGV8;F5H8K4	26S proteasome non-ATPase regulatory subunit 3	PSMD3	897080000	1179000000	532210000	1715800000	863250000	1303800000	1155100000
O43242-2	26S proteasome non-ATPase regulatory subunit 3	PSMD3	5711300	5184700	646150	9333000	4469300	5496300	7559200
O43251-6;O43251-8;S4R469;F8VR27;F8VZY7;B0QYV1;J3QRF4;B0QYY4;A0A087X2B1;J3KNW3;B7Z1U7;F8VZG9;A6NFN3;A6NFN3-2;O43251-9;Q9NWB1-3;O43251-4;O43251-5;O43251-10;O43251-2;O43251;Q9NWB1-4;Q9NWB1-5;Q9NWB1;O43251-7;Q9NWB1-2;B0QYY6;I3L1D4;B0QYY7;S4R3K7;J3QQZ2;F5H0M1;F8VRS4;O43251-3	RNA binding protein fox-1 homolog 2;RNA binding protein fox-1 homolog;RNA binding protein fox-1 homolog 3;RNA binding protein fox-1 homolog 1	RBFOX2;RBFOX1;RBFOX3	0	1124600	0	899820	0	0	521970
O43252	Bifunctional 3-phosphoadenosine 5-phosphosulfate synthase 1;Sulfate adenylyltransferase;Adenylyl-sulfate kinase	PAPSS1	227850	0	0	0	0	0	387090
O43324;D6RBD7;C9J1V9;O43324-2;D6RCQ0;H0YAL7	Eukaryotic translation elongation factor 1 epsilon-1	EEF1E1;EEF1E1-BLOC1S5	1699600	643860	0	1074800	0	246120	1720500
O43347;H0YHB7	RNA-binding protein Musashi homolog 1	MSI1	414370	0	0	659540	0	0	344900
O43390;O43390-2;O43390-3;O43390-4;B4DT28	Heterogeneous nuclear ribonucleoprotein R	HNRNPR	35840000	53902000	2583300	19366000	55029000	26914000	33526000
O43395;O43395-3	U4/U6 small nuclear ribonucleoprotein Prp3	PRPF3	8891700	9757400	0	2402200	7358100	859540	1653800
O43396;K7ER96;K7EML9;K7EPB7;K7EKG2;K7EME7	Thioredoxin-like protein 1	TXNL1	109380000	110100000	63632000	704020000	402790000	712360000	493950000
O43447;C9JQD4;O43447-2;H0YEL5;A6NM32;C9JAN8	Peptidyl-prolyl cis-trans isomerase H;Peptidyl-prolyl cis-trans isomerase	PPIH	51100000	37752000	42905000	98995000	30075000	87547000	67037000
O43491;E9PHY5;O43491-4;O43491-3;E9PK52;E9PII3;O43491-2;I6L9B1;Q6ZSX4;H0Y5B0;Q6R5J7;E9PQD2;E9PRG1;E9PIG0;E9PMV8;E9PQN0;E9PJP4;E9PN54;E9PPC9;E9PMG5	Band 4.1-like protein 2	EPB41L2	6650700	1194200	3730700	12004000	3055100	2728300	4056400
O43583;F8VVL1	Density-regulated protein	DENR	1524100	543950	2284500	5536400	1407900	1719300	378810
O43592;F8WDU6;F5GYW6	Exportin-T	XPOT	651340	359310	0	317570	0	0	56109
O43660-2;O43660;H0YA24;D6RA26	Pleiotropic regulator 1	PLRG1	1168100	980480	0	654070	536060	0	116810
O43707;O43707-2;F5GXS2;O43707-3;H7C144;K7EJH8;P35609-2;P35609;F6THM6;K7EP19;G3V2E8;G3V5M4	Alpha-actinin-4	ACTN4	151940000	8006600	17898000	83106000	20794000	44315000	58901000
O43709;O43709-3;H7C0G4;H7C170	Probable 18S rRNA (guanine-N(7))-methyltransferase	WBSCR22	255720	319680	0	497620	536440	0	868710
O43765;K7EMD6	Small glutamine-rich tetratricopeptide repeat-containing protein alpha	SGTA	2834900	3238700	0	8143100	3143900	6502000	7170800
O43776;K7EIU7;K7EPK2;K7EQ35;O43776-2;K7EMQ6;K7EJ19	Asparagine--tRNA ligase, cytoplasmic	NARS	3731800	1585300	0	2676000	110690	457280	2828900
O43809;H3BV41;H3BND3	Cleavage and polyadenylation specificity factor subunit 5	NUDT21	598980	1945000	0	332010	0	0	215880
O43823;M0QYL4	A-kinase anchor protein 8	AKAP8	0	188330	0	0	471060	54842	0
O43852-2;O43852;O43852-4;O43852-3;O43852-15;H0Y875;O43852-9;O43852-5;O43852-8;O43852-10;O43852-6;O43852-12;O43852-13;O43852-14;O43852-7;O43852-11	Calumenin	CALU	4264600	435640	0	6337800	863100	748980	4176000
O60216	Double-strand-break repair protein rad21 homolog	RAD21	0	0	0	0	85306	228780	111740
O60220	Mitochondrial import inner membrane translocase subunit Tim8 A	TIMM8A	749790	5066300	0	5904100	0	0	6860200
O60264	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 5	SMARCA5	156210	141380	59449	197650	299770	279400	55410
O60287	Nucleolar pre-ribosomal-associated protein 1	URB1	0	0	0	0	86770	16251	0
O60306;H0YH15;H0YLN9;REV__Q5JR59-4;REV__Q5JR59-3;REV__E7EPJ2;REV__Q9NZM3-4;REV__Q9NZM3-3;REV__Q5JR59;REV__J3KQA9;REV__Q9NZM3-2;REV__A0A087WVF7;REV__Q9NZM3	Intron-binding protein aquarius	AQR	515810	131780	0	170100	256260	75428	43568
O60337-5;O60337;D6RHY7;O60337-6	E3 ubiquitin-protein ligase MARCH6	38777	0	0	0	356340	0	0	320950
O60341;O60341-2;R4GMP9	Lysine-specific histone demethylase 1A	KDM1A	0	0	0	98704	0	0	0
O60493;O60493-3;O60493-2;O60493-4;A0A087X0R6;Q9UMY4-2;Q9UMY4	Sorting nexin-3	SNX3	0	414240	0	904980	0	0	391310
O60506;O60506-2;F6UXX1	Heterogeneous nuclear ribonucleoprotein Q	SYNCRIP	60362000	53802000	4578300	57635000	38063000	25464000	34676000
O60506-3;O60506-4;B7Z645;O60506-5;H0YAA0	Heterogeneous nuclear ribonucleoprotein Q	SYNCRIP	913470	316240	0	230730	1236700	588060	354430
Q5SRN1;O60508	Pre-mRNA-processing factor 17	CDC40	174210	399280	0	0	195540	0	0
O60547-2;O60547	GDP-mannose 4,6 dehydratase	GMDS	0	0	0	180400	0	0	0
Q5VUC6;Q5VUC7;O60551	Glycylpeptide N-tetradecanoyltransferase;Glycylpeptide N-tetradecanoyltransferase 2	NMT2	0	136940	0	0	0	0	0
O60563-2;O60563	Cyclin-T1	CCNT1	636690	505730	210960	492480	0	0	0
O60568;H7C2V1;H7C2S8;H7C0B8;C9JIX5;H7C2A8;C9JU11	Procollagen-lysine,2-oxoglutarate 5-dioxygenase 3	PLOD3	694270	512690	647140	1146600	1224800	3095600	731300
O60645-2;O60645-3;O60645;D6RB59;H0Y995	Exocyst complex component 3	EXOC3	0	0	0	0	0	0	0
O60684;Q5TFJ7;S4R3E5	Importin subunit alpha-7	KPNA6	2883200	1531700	3399800	4976800	1618800	2340100	2471400
O60701-2;O60701;D6RHF4;E9PBD2;E7ER95;E7ER83;E7ETF4;E7EV97;O60701-3	UDP-glucose 6-dehydrogenase	UGDH	0	0	0	193300	0	0	90018
O60749-2;O60749;D6RC15	Sorting nexin-2	SNX2	1567400	702730	0	78495	0	0	62797
O60763;O60763-2	General vesicular transport factor p115	USO1	580500	154040	0	585510	0	0	182900
O60784-3;O60784;O60784-4;O60784-2;B0QY01;V9GZ68;H7BYN7;V9GYF4;B0QY02;Q6UW50	Target of Myb protein 1	TOM1	157680	0	191570	5015200	1368100	4526800	2895800
U3KQK0;Q99880;Q99879;Q99877;Q93079;Q5QNW6;P62807;P58876;P57053;O60814;Q5QNW6-2;Q96A08	Histone H2B;Histone H2B type 1-L;Histone H2B type 1-M;Histone H2B type 1-N;Histone H2B type 1-H;Histone H2B type 2-F;Histone H2B type 1-C/E/F/G/I;Histone H2B type 1-D;Histone H2B type F-S;Histone H2B type 1-K;Histone H2B type 1-A	HIST1H2BN;HIST1H2BL;HIST1H2BM;HIST1H2BH;HIST2H2BF;HIST1H2BC;HIST1H2BD;H2BFS;HIST1H2BK;HIST1H2BA	76810000	103100000	1247700	21317000	25488000	8171400	10841000
O60832;O60832-2;C9IYT0;H7C2Q2;H7C0M1;H7BZF2	H/ACA ribonucleoprotein complex subunit 4	DKC1	3349400	4662600	235840	172800	2991800	53599	118830
O60869;O60869-2;O60869-3	Endothelial differentiation-related factor 1	EDF1	13285000	10202000	0	3404300	4088500	0	2683000
O60884;A0A087WT48	DnaJ homolog subfamily A member 2	DNAJA2	3771300	3299100	631060	5143600	3088300	2249800	1734500
O60885;M0R0H4;M0QYW0;M0QZD9;O60885-2;O60885-3	Bromodomain-containing protein 4	BRD4	389280	296580	0	169840	57093	174930	0
O60907-2;O60907;Q9BQ87;C9JCW3;C9JYQ8	F-box-like/WD repeat-containing protein TBL1X;F-box-like/WD repeat-containing protein TBL1Y	TBL1X;TBL1Y	58774	0	0	0	0	0	172070
O75083;D6RD66;O75083-3	WD repeat-containing protein 1	WDR1	1909800	1210300	0	1734200	0	238680	480110
O75131;A0A087WYQ3;A0A087WXR6;E5RHZ0;A0A087WUS8;H0YB26;E5RFT7;Q86YQ8-2;Q9HCH3-2;Q96FN4-2;Q96FN4;Q96A23;O95741;Q9UBL6-2;O95741-2;Q9UBL6	Copine-3	CPNE3	10117000	3692600	5322800	33843000	7711900	12631000	19770000
O75223;M0QZK8;B8ZZK2;O75223-3;H7BZK5;O75223-2;O75223-4	Gamma-glutamylcyclotransferase	GGCT	1266100	0	690430	1384200	0	0	0
O75323;O75323-2;H7C333;F8WBI5;C9J7B1;C9K068	Protein NipSnap homolog 2	GBAS	10154000	10195000	1371900	18188000	5442700	16949000	8879900
O75348	V-type proton ATPase subunit G 1	ATP6V1G1	0	463190	0	993300	0	371090	0
O75367-2;O75367-3;O75367;D6RCF2;B4DJC3	Core histone macro-H2A.1	H2AFY	246690	500850	0	0	142340	0	0
O75368	SH3 domain-binding glutamic acid-rich-like protein	SH3BGRL	395450	0	0	1261500	0	0	693640
O75369-6;O75369-3;O75369-2;O75369-9;O75369;O75369-8;E7EN95;O75369-7;O75369-5;O75369-4	Filamin-B	FLNB	1172700	94785	0	119960	41139	89906	291030
O75376;O75376-2;E7EVU5;E7EW50;J3KS51;A0A088AWL3;O75376-3;J3KT44;C9JAP0;E7EVK1;Q9H4R4	Nuclear receptor corepressor 1	NCOR1	182140	183700	61838	213530	85000	48475	250240
O75396;A0A087X1A9	Vesicle-trafficking protein SEC22b	SEC22B	474420	0	0	0	0	0	167280
O75436;S4R3Q6;O75436-2	Vacuolar protein sorting-associated protein 26A	VPS26A	1890400	1165600	0	2121200	438040	465490	6218300
O75439;G3V0E4;F8WAZ6;F8WEA6;F8WBE1	Mitochondrial-processing peptidase subunit beta	PMPCB	3147600	70222	504840	4201500	845500	1609900	2511300
O75489;E9PS48;O75489-2	NADH dehydrogenase [ubiquinone] iron-sulfur protein 3, mitochondrial	NDUFS3	805310	411640	0	635070	0	0	463220
O75531;Q5JUR7	Barrier-to-autointegration factor;Barrier-to-autointegration factor, N-terminally processed	BANF1	101600000	12733000	57801000	147080000	69295000	325900000	223890000
O75533;H7C341;B4DGZ4;O75533-2;F8WC19	Splicing factor 3B subunit 1	SF3B1	17879000	8714600	2550900	13762000	8568100	8386600	7861200
O75534-2;O75534;O75534-3;O75534-4;E9PLT0;E9PNG3;E9PKN4;E9PLD4	Cold shock domain-containing protein E1	CSDE1	3404900	1079100	99680	5087400	2755200	632710	2102200
O75569;G5E9Q4;O75569-3;O75569-2;F8WEG8;C9JMM3	Interferon-inducible double-stranded RNA-dependent protein kinase activator A	PRKRA	49598000	35869000	0	23459000	22881000	2280300	13708000
O75607	Nucleoplasmin-3	NPM3	9414700	106480	0	5060900	4272000	2975300	2801600
O75643;O75643-2;B4E0P5;Q86VH2-3;Q86VH2-2;Q86VH2	U5 small nuclear ribonucleoprotein 200 kDa helicase	SNRNP200	1475600	1541100	155000	1056200	807350	479930	563770
O75663;O75663-2	TIP41-like protein	TIPRL	1209300	183500	0	3156000	573920	6320400	558080
O75683	Surfeit locus protein 6	SURF6	571900	1380100	0	666640	4984400	0	0
O75695	Protein XRP2	RP2	301840	0	0	0	0	0	0
O75781-2;O75781	Paralemmin-1	PALM	0	0	0	0	0	0	0
O75792	Ribonuclease H2 subunit A	RNASEH2A	0	0	0	921360	0	266400	383390
X6RA30;O75794;X6RKY7;X6RF82	Cell division cycle protein 123 homolog	CDC123	357080	942900	0	895920	0	0	351970
O75822-2;O75822;O75822-3;H0YGJ7;H0YLP3	Eukaryotic translation initiation factor 3 subunit J	EIF3J	1910100	5476600	0	776690	2622600	1362200	385500
O75844	CAAX prenyl protease 1 homolog	ZMPSTE24	0	0	0	934230	560210	133100	0
O75874;C9J4N6	Isocitrate dehydrogenase [NADP] cytoplasmic	IDH1	1411100	1657400	0	2985600	168650	36961	1158700
O75909;O75909-4;G3V5E1;O75909-1;G3V2Q3;O75909-2	Cyclin-K	CCNK	179080	0	127580	251540	0	445950	0
O75934	Pre-mRNA-splicing factor SPF27	BCAS2	0	937480	0	908360	356080	763360	313600
X6RA56;X6RLR1;O75935-3;O75935-2;O75935;X6RCK5	Dynactin subunit 3	DCTN3	0	0	938390	248470	0	313400	839190
O75937;S4R3J5	DnaJ homolog subfamily C member 8	DNAJC8	4946200	3634700	0	1800100	373370	2625500	0
O75940	Survival of motor neuron-related-splicing factor 30	SMNDC1	945620	2966700	0	1614400	3096200	0	801610
O76003	Glutaredoxin-3	GLRX3	4820200	3785100	342220	4217500	1045300	895410	3145000
O76021;J3QSV6;I3L3U9;O76021-2;I3L3C4;I3L234;I3L1A3	Ribosomal L1 domain-containing protein 1	RSL1D1	8124300	12443000	0	2059100	14879000	0	1063800
O76071	Probable cytosolic iron-sulfur protein assembly protein CIAO1	CIAO1	0	0	0	489840	0	0	997080
O76080;Q5QPB1	AN1-type zinc finger protein 5	ZFAND5	3316200	5851800	180120	1686900	0	1548600	1808300
O76094;O76094-2;R4GNC1;D6RDY6	Signal recognition particle subunit SRP72	SRP72	7975200	4925400	0	550750	3562200	0	111910
O94760;O94760-2	N(G),N(G)-dimethylarginine dimethylaminohydrolase 1	DDAH1	894610	611570	224410	5627100	0	0	1284400
O94776;O94776-2	Metastasis-associated protein MTA2	MTA2	413170	0	0	614880	0	136690	0
X6R3P0;O94813;A0A087WYV5;O94813-3;O94813-2;H0Y9Z6;E9PCX4;F5H0U4;H0Y968;Q5T0V3;Q5T0V4;Q5T0V0;O75093-2;O75093	Slit homolog 2 protein;Slit homolog 2 protein N-product;Slit homolog 2 protein C-product	SLIT2	1254400	3738900	24166	183760	587450	0	22180
O94826	Mitochondrial import receptor subunit TOM70	TOMM70A	151410	0	0	508260	0	318050	241550
O94832;K7EIG7;J3QRN6;J3KRL0;J3QRR2	Unconventional myosin-Id	MYO1D	2310400	0	0	481140	0	64213	256160
O94874;O94874-2;O94874-3	E3 UFM1-protein ligase 1	UFL1	393420	471590	0	0	0	0	0
X6RI56;O94886	CSC1-like protein 1	TMEM63A	0	7027000	0	0	4444700	6202600	16004000
O94952-1;O94952;H0YHF6;H0YIE9	F-box only protein 21	FBXO21	256390	0	167440	664420	0	0	452760
O94992	Protein HEXIM1	HEXIM1	881900	0	0	0	0	0	293760
O95071-2;O95071;E7EMW7;E7ET84;E5RFK7	E3 ubiquitin-protein ligase UBR5	UBR5	10810	0	0	1556900	943720	919300	568370
O95163;F5H2T0	Elongator complex protein 1	IKBKAP	169160	69494	0	256680	261590	2812100	330430
O95197-7;O95197-2;O95197;O95197-3;O95197-4;B7Z4M1;F5H891;F5GWG7;F5H617;O95197-6;O95197-5	Reticulon-3	RTN3	0	0	0	1355000	0	0	352990
O95202;O95202-2;O95202-3	LETM1 and EF-hand domain-containing protein 1, mitochondrial	LETM1	384360	152650	0	0	0	0	170560
O95218-2;O95218	Zinc finger Ran-binding domain-containing protein 2	ZRANB2	459450	596440	544130	464210	0	4238200	0
O95229-2;O95229;A6NH27	ZW10 interactor	ZWINT	0	0	0	0	250010	0	0
O95336;M0R261;M0R1L2;M0R0U3	6-phosphogluconolactonase	PGLS	4936400	2227100	0	4398100	170420	0	2559100
O95347;O95347-2	Structural maintenance of chromosomes protein 2	SMC2	236790	75222	0	105280	0	0	25241
O95373	Importin-7	IPO7	100050	0	0	301520	0	0	262110
O95400	CD2 antigen cytoplasmic tail-binding protein 2	CD2BP2	0	749170	0	0	531510	0	485100
O95425-2;O95425-4;O95425-3;O95425	Supervillin	SVIL	1379300	0	20621	36506	328720	295400	121300
O95429-2;O95429;H0YBT1	BAG family molecular chaperone regulator 4	BAG4	0	0	0	426730	0	211520	0
O95433;O95433-2;H0YJU2;H0YJG7;G3V438;G3V3W9;H0YJG6;H0YJ63	Activator of 90 kDa heat shock protein ATPase homolog 1	AHSA1	3541700	1839800	291830	10025000	566480	3897800	2825900
O95456;O95456-2;F8WBH7	Proteasome assembly chaperone 1	PSMG1	168520000	396160000	101990000	677100000	409770000	373180000	362610000
Q5TI78;O95568	Histidine protein methyltransferase 1 homolog	METTL18	428260	0	0	635650	0	0	0
O95602;B9ZVN9;Q86SQ6-1	DNA-directed RNA polymerase I subunit RPA1;DNA-directed RNA polymerase	POLR1A	2664000	1049500	322140	5072400	3590400	4062800	3683900
O95714	E3 ubiquitin-protein ligase HERC2	HERC2	0	0	0	0	15814	0	0
O95749;C9J6G3;C9J7M1;O95749-2	Geranylgeranyl pyrophosphate synthase	GGPS1	0	0	0	1358700	0	0	244170
O95757;E9PDE8;D6RJ96	Heat shock 70 kDa protein 4L	HSPA4L	2101900	737580	269840	2182700	16433	951430	1301000
O95758-1;O95758-6;O95758-2;O95758;O95758-5;O95758-4;O95758-7;X6R242	Polypyrimidine tract-binding protein 3	PTBP3	405030	0	0	0	705270	0	0
O95777;F2Z2Y6;C9JIZ0;C9JNV3	U6 snRNA-associated Sm-like protein LSm8	LSM8	1400600	3870700	4580800	838410	1980400	7214300	3124500
O95782-2;O95782	AP-2 complex subunit alpha-1	AP2A1	0	0	0	617620	135960	0	2032100
O95793-2;O95793;Q5JW30;O95793-3;A0A087X1A5;Q5JW28;F6UDC6	Double-stranded RNA-binding protein Staufen homolog 1	STAU1	15552000	13605000	320060	2101800	7508900	260770	1236800
Q5TA95;O95801	Tetratricopeptide repeat protein 4	TTC4	0	217000	0	448430	0	0	0
O95816;O95816-2;A2A296;O15056-3;O15056-2;O15056	BAG family molecular chaperone regulator 2	BAG2	10737000	26599000	16649000	19407000	23424000	16835000	17751000
O95817;C9JFK9	BAG family molecular chaperone regulator 3	BAG3	110410	0	0	2536600	30084	2151600	852400
O95831-3;O95831;O95831-2;E9PMA0;O95831-5;O95831-6;O95831-4	Apoptosis-inducing factor 1, mitochondrial	AIFM1	20103000	25695000	9230300	18821000	8848100	15667000	10053000
Q5SSV3;Q5SRR8;O95865	N(G),N(G)-dimethylarginine dimethylaminohydrolase 2	DDAH2	0	0	0	0	0	0	0
O96019;O96019-2;H7C5S0;C9JQT2;O94805	Actin-like protein 6A	ACTL6A	1241300	988210	900940	1831100	1977500	1106000	942630
P00338;P00338-3;P00338-4;P00338-5;P00338-2;F5GYU2;F5GXY2;F5GXH2;F5H5J4;F5H6W8;F5GZQ4;F5H8H6;F5GXC7;F5GWW2;F5GXU1;F5H5G7;F5H155;A0A087WUM2;G3XAP5;F5H245;Q6ZMR3;P07864;Q9BYZ2	L-lactate dehydrogenase A chain	LDHA	61397000	41781000	5352600	51605000	10087000	14688000	31053000
P00367;P00367-3;P00367-2;P49448	Glutamate dehydrogenase 1, mitochondrial;Glutamate dehydrogenase 2, mitochondrial	GLUD1;GLUD2	1920100	1993400	0	2089700	332470	0	1361300
P00374;B4DM58;P00374-2;C9JJ68;Q86XF0	Dihydrofolate reductase	DHFR	0	623830	0	3306600	2540100	1536700	1838100
P00390-5;P00390-4;P00390-2;P00390-3;P00390;E5RI06;H0YC68	Glutathione reductase, mitochondrial	GSR	3341800	2743500	0	2763800	135800	278540	3224700
P00441;H7BYH4	Superoxide dismutase [Cu-Zn]	SOD1	9546700	4186700	2268100	10738000	650050	537640	12066000
P00491;G3V5M2;G3V2H3	Purine nucleoside phosphorylase	PNP	4958300	6076500	0	3765900	193640	1172300	2204900
P00492;Q9NRG1-2;Q9NRG1	Hypoxanthine-guanine phosphoribosyltransferase	HPRT1	21040000	12081000	1028300	25234000	5197900	6243100	12194000
P00505;P00505-2	Aspartate aminotransferase, mitochondrial	GOT2	8703800	6937700	246140	11755000	225830	2491500	6815600
P00558;P00558-2;P07205	Phosphoglycerate kinase 1	PGK1	34901000	29470000	3436600	38782000	4190100	11373000	21504000
Q5T9B7;P00568;H0Y4J6;H0YID2	Adenylate kinase isoenzyme 1	AK1	2067100	0	0	2204700	0	0	155750
P00918;E5RID5;E5RK37	Carbonic anhydrase 2	CA2	25844000	20139000	1506700	22308000	8024000	7724200	17811000
P00966;Q5T6L6;Q5T6L5	Argininosuccinate synthase	ASS1	241670	0	0	1161400	0	0	533730
P01009;P01009-3;P01009-2;G3V2B9;G3V5R8;G3V387;G3V544	Alpha-1-antitrypsin;Short peptide from AAT	SERPINA1	76932000	12488000	699110	8145000	0	689160	37916000
P01023;P20742-2;P20742	Alpha-2-macroglobulin	A2M	168170	26193	504520	151690	24356	0	60492
P01024	Complement C3;Complement C3 beta chain;C3-beta-c;Complement C3 alpha chain;C3a anaphylatoxin;Acylation stimulating protein;Complement C3b alpha chain;Complement C3c alpha chain fragment 1;Complement C3dg fragment;Complement C3g fragment;Complement C3d fragment;Complement C3f fragment;Complement C3c alpha chain fragment 2	C3	829630	0	0	96040	0	0	205570
P01116-2;P01116	GTPase KRas;GTPase KRas, N-terminally processed	KRAS	665700	0	0	1313300	113600	0	860170
P01859;P01861	Ig gamma-2 chain C region;Ig gamma-4 chain C region	IGHG2;IGHG4	37551000	20954000	997660	42646000	1188100	7199900	33038000
P01876;A0A075B6N7;P01877	Ig alpha-1 chain C region;Ig alpha-2 chain C region	IGHA1;IGHA2	171520	0	0	0	0	0	220740
P30480;P01889;Q29836;Q29718;P30460;Q31610;P30495;P30493;P30492;Q95365;P30475;P30462;P18463;Q29865;Q04826;P30479;P30486;Q29940;P30685;P30498;P30491;P30490;P30484;P30466;P30464;P18465;P18464;P10319;P03989;P30504;P04222;Q6DU44;Q2L6I5;P13747;P30488;P30487;P30485;P30483;P30481;P30461;Q31611	HLA class I histocompatibility antigen, B-42 alpha chain;HLA class I histocompatibility antigen, B-7 alpha chain;HLA class I histocompatibility antigen, B-67 alpha chain;HLA class I histocompatibility antigen, B-82 alpha chain;HLA class I histocompatibility antigen, B-8 alpha chain;HLA class I histocompatibility antigen, B-81 alpha chain;HLA class I histocompatibility antigen, B-56 alpha chain;HLA class I histocompatibility antigen, B-55 alpha chain;HLA class I histocompatibility antigen, B-54 alpha chain;HLA class I histocompatibility antigen, B-38 alpha chain;HLA class I histocompatibility antigen, B-39 alpha chain;HLA class I histocompatibility antigen, B-14 alpha chain;HLA class I histocompatibility antigen, B-37 alpha chain;HLA class I histocompatibility antigen, Cw-18 alpha chain;HLA class I histocompatibility antigen, B-40 alpha chain;HLA class I histocompatibility antigen, B-41 alpha chain;HLA class I histocompatibility antigen, B-48 alpha chain;HLA class I histocompatibility antigen, B-59 alpha chain;HLA class I histocompatibility antigen, B-35 alpha chain;HLA class I histocompatibility antigen, B-78 alpha chain;HLA class I histocompatibility antigen, B-53 alpha chain;HLA class I histocompatibility antigen, B-52 alpha chain;HLA class I histocompatibility antigen, B-46 alpha chain;HLA class I histocompatibility antigen, B-18 alpha chain;HLA class I histocompatibility antigen, B-15 alpha chain;HLA class I histocompatibility antigen, B-57 alpha chain;HLA class I histocompatibility antigen, B-51 alpha chain;HLA class I histocompatibility antigen, B-58 alpha chain;HLA class I histocompatibility antigen, B-27 alpha chain;HLA class I histocompatibility antigen, Cw-4 alpha chain;HLA class I histocompatibility antigen, Cw-3 alpha chain	HLA-B;HLA-C	0	0	0	0	0	299000	287530
P10316;P01892	HLA class I histocompatibility antigen, A-69 alpha chain;HLA class I histocompatibility antigen, A-2 alpha chain	HLA-A	0	0	0	491470	71830	0	97163
P02545-2;P02545-6;P02545-3;P02545;Q5TCI8;P02545-5;P02545-4;H0YAB0	Prelamin-A/C;Lamin-A/C	LMNA	140090	0	255440	295690	0	294650	0
Q5VY30;P02753	Retinol-binding protein 4;Plasma retinol-binding protein(1-182);Plasma retinol-binding protein(1-181);Plasma retinol-binding protein(1-179);Plasma retinol-binding protein(1-176)	RBP4	1113900	0	0	0	0	0	0
P02763	Alpha-1-acid glycoprotein 1	ORM1	0	693900	0	0	0	0	0
P02787;C9JVG0;C9JB55;F8WCI6;H7C5E8	Serotransferrin	TF	0	185870	2245600	0	0	0	53745
P02794;G3V1D1;G3V192;E9PPQ4;E9PRK8;E9PKY7;E9PQR3;E9PKM5;E9PK45	Ferritin heavy chain;Ferritin heavy chain, N-terminally processed;Ferritin	FTH1	4886300	4080600	732210	16379000	1422700	9109700	7836300

P04003	C4b-binding protein alpha chain	C4BPA	0	0	0	0	0	0	77445
P04035-2;P04035;P04035-3;H0Y8F6;H0Y8K6	3-hydroxy-3-methylglutaryl-coenzyme A reductase	HMGCR	0	0	0	180310	862470	515600	387310
P04040	Catalase	CAT	0	0	0	0	0	58065	0
P04075;P04075-2;H3BQN4;J3KPS3;H3BPS8;H3BUH7;H3BR04;H3BMQ8;H3BR68;H3BU78;Q5T7D5;A0A087WXX2;P05062	Fructose-bisphosphate aldolase A;Fructose-bisphosphate aldolase	ALDOA	131420000	129070000	8492900	126340000	38623000	42421000	68650000
P04181;P04181-2	Ornithine aminotransferase, mitochondrial;Ornithine aminotransferase, hepatic form;Ornithine aminotransferase, renal form	OAT	4586500	5770700	0	5277600	1274500	1154100	2857200
P04350;M0R2D3;M0R0X0;M0QY85;M0QY37;M0QX14;M0QYM7;M0R042;M0QZL7;M0R278;M0R2T4;A0A075B724	Tubulin beta-4A chain	TUBB4A	0	0	0	0	0	0	0
P04406;P04406-2;E7EUT5;O14556	Glyceraldehyde-3-phosphate dehydrogenase	GAPDH	61955000	87925000	2402100	97508000	18364000	20617000	48629000
P19961;P04746;P04745;P19961-2;Q5T085;A0A087WZK1;CON__Q3MHH8;P04746-2	Alpha-amylase 2B;Pancreatic alpha-amylase;Alpha-amylase 1	AMY2B;AMY2A;AMY1A	427820	0	0	0	0	0	0
P04792;F8WE04;C9J3N8	Heat shock protein beta-1	HSPB1	713420	2713400	207410	11978000	0	1656100	5750200
P04843;B7Z4L4;F8WF32	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 1	RPN1	541710	305020	0	0	0	168210	237830
P04844-2;P04844;Q5JYR4;Q5JYR7	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 2	RPN2	1141300	745540	0	844030	0	0	300910
P04899;P04899-4;P04899-6;P04899-3;P04899-5;P04899-2	Guanine nucleotide-binding protein G(i) subunit alpha-2	GNAI2	21820000	1884800	666280	9232100	1815800	1814100	5933200
Q99878;Q96KK5;Q9BTM1;Q16777;Q93077;Q7L7L0;Q6FI13;P20671;P0C0S8;P04908;Q96QV6;P16104;Q9BTM1-2;H0YFX9;C9J0D1;Q71UI9-2;Q71UI9;P0C0S5;C9J386;Q71UI9-5;Q71UI9-3;Q71UI9-4;Q8IUE6	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 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;Histone H2A;Histone H2A.V;Histone H2A.Z	HIST1H2AJ;HIST1H2AH;H2AFJ;HIST2H2AC;HIST1H2AC;HIST3H2A;HIST2H2AA3;HIST1H2AD;HIST1H2AG;HIST1H2AB;HIST1H2AA;H2AFX;H2AFV;H2AFZ	82981000	127220000	0	54529000	19577000	8783000	13668000
P05023-4;P05023;P05023-3;P05023-2;M0R116;P13637;P13637-2;P13637-3;Q13733;Q5TC01;M0QXF2;E9PRA5;Q5TC02	Sodium/potassium-transporting ATPase subunit alpha-1;Sodium/potassium-transporting ATPase subunit alpha-3	ATP1A1;ATP1A3	7345000	4469300	80931	9264600	4978300	1249000	2806500
P05091;P05091-2;S4R3S4;F8VP50;P00352;Q5SYQ7;Q5SYQ9;Q5SYQ8;H0Y2X5;H0YMG7;O94788-4;O94788-2;O94788-3;P47895;O94788	Aldehyde dehydrogenase, mitochondrial	ALDH2	2163200	378560	0	1437000	0	0	1961300
P05109	Protein S100-A8;Protein S100-A8, N-terminally processed	S100A8	2260100	3049000	1252700	1798700	0	5945800	2274200
P05141;Q9H0C2	ADP/ATP translocase 2;ADP/ATP translocase 2, N-terminally processed	SLC25A5	19730000	5152700	0	28664000	173860000	11291000	18438000
P05198;H0YJS4;G3V4T5	Eukaryotic translation initiation factor 2 subunit 1	EIF2S1	5604400	9202600	0	3608400	818910	443250	1590800
P05204;A0A087WZE9;Q15651-2;Q15651	Non-histone chromosomal protein HMG-17;High mobility group nucleosome-binding domain-containing protein 3	HMGN2;HMGN3	3501400	663470	0	0	4358100	0	0
P05386	60S acidic ribosomal protein P1	RPLP1	390660000	344460000	0	146940000	4632800	0	35272000
P05387;P05386-2	60S acidic ribosomal protein P2	RPLP2	1266900000	1253000000	27905000	593910000	1042000000	123490000	308010000
P05388;F8VWS0;P05388-2;F8VU65;G3V210;F8VW21;Q8NHW5;F8VQY6;F8VPE8;F8VRK7;F8VZS0;F8VWV4;F8VS58;F8W1K8;F8VYN4	60S acidic ribosomal protein P0;60S acidic ribosomal protein P0-like	RPLP0;RPLP0P6	694690000	673880000	9776200	264160000	468170000	46108000	159050000
P05412	Transcription factor AP-1	JUN	0	0	0	1667500	0	2211000	978480
P05455;E7ERC4;E9PGX9;E9PFL9	Lupus La protein	SSB	82427000	54416000	6116400	82279000	28581000	19944000	57665000
P05556;P05556-2;P05556-5;P05556-4;P05556-3;C9JPK5;E7ERX5;Q5T3E6;E9PLR6;E7EUI6;E7EQW5	Integrin beta-1	ITGB1	273060	0	0	277580	0	0	58041
P05976-2;P05976;P08590	Myosin light chain 1/3, skeletal muscle isoform;Myosin light chain 3	MYL1;MYL3	4448100	0	2068600	4932500	0	0	0
P06576;H0YH81;F8W079;F8W0P7;H0YI37	ATP synthase subunit beta, mitochondrial;ATP synthase subunit beta	ATP5B	8496600	6985200	122970	11147000	1391900	3027200	6500600
P06733;P06733-2;K7EM90;P13929-3;P13929-2;P13929;E5RGZ4;E5RI09;E5RG95;K7EPM1;K7EKN2;K7ERS8;U3KQP4	Alpha-enolase	ENO1	306340000	170340000	29562000	308770000	65160000	75300000	187780000
P06737-2;P06737;E9PK47	Glycogen phosphorylase, liver form;Alpha-1,4 glucan phosphorylase	PYGL	1100700	1490500	190800	2277400	257610	394810	792870
P06744;K7EQ48;P06744-2;K7EPY4;K7EP41;K7ENA0;K7ELR7;K7ERC6;K7ERK8;K7EIL4;K7ESF4	Glucose-6-phosphate isomerase	GPI	17810000	10982000	557290	20082000	2637000	2879300	12473000
P06748;P06748-2;P06748-3;E5RI98;E5RGW4	Nucleophosmin	NPM1	459120000	615260000	68096000	270050000	627290000	232090000	323380000
P06753-2;Q5VU59;A0A087WWU8;P06753-3;P06753-6;P06753-5;Q5VU61;P06753-4;D6R904;D6RFM2	Tropomyosin alpha-3 chain	TPM3;DKFZp686J1372	196280000	36994000	114300000	299800000	75146000	173740000	191660000
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	1741900	5704000	0	0	0	0	0
P07195;A8MW50;C9J7H8;F5H793	L-lactate dehydrogenase B chain;L-lactate dehydrogenase	LDHB	212360000	195740000	18855000	279660000	94616000	77439000	165940000
P07196;A0A087X0W2	Neurofilament light polypeptide	NEFL	11257000	1506700	3316100	13142000	7651700	7059000	8449800
P07237;H7BZ94;F5H8J2;H0Y3Z3;I3L398;I3L312;I3L4M2;I3NI03;I3L0S0;I3L3U6;I3L514;I3L3P5;I3L1Y5	Protein disulfide-isomerase	P4HB	31768000	20037000	71130000	82056000	19394000	94482000	49158000
P07305-2;P07305	Histone H1.0;Histone H1.0, N-terminally processed	H1F0	1147200	689940	223690	0	0	0	0
P07339;H7C1V0;H7C469;F8WD96;C9JH19;F8W787	Cathepsin D;Cathepsin D light chain;Cathepsin D heavy chain	CTSD	7103800	1433800	0	7839000	2072600	2117800	3245900
P07355;P07355-2;H0YN42;H0YMD0;H0YMU9;A6NMY6;H0YM50;H0YKS4;H0YN28;H0YL33;H0YNP5;H0YMM1;H0YKZ7;H0YLV6;H0YMT9;H0YKX9;H0YKL9;H0YMW4;H0YNA0;H0YKV8;H0YMD9;H0YNB8;H0YN52;H0YKN4;H0YLE2	Annexin A2;Annexin;Putative annexin A2-like protein	ANXA2;ANXA2P2	28036000	9528400	12440000	63775000	10661000	54791000	27087000
Q5JP53;P07437;Q5ST81;I3L2F9;A6NNZ2;G3V2A3;CON__ENSEMBL:ENSBTAP00000025008;Q9H4B7;G3V5W4;G3V2R8;G3V3R4;G3V2N6	Tubulin beta chain	TUBB	59177000	33709000	20272000	47945000	53062000	25092000	39801000
P07737;K7EJ44;I3L3D5;CON__P02584	Profilin-1	PFN1	45462000	61164000	3159100	73352000	19353000	10456000	47968000
P07741;H3BQZ9;P07741-2;H3BQB1;H3BQF1;H3BSW3	Adenine phosphoribosyltransferase	APRT	16326000	8657000	0	17414000	3292800	4233400	6211600
P07814;V9GYZ6;V9GZ76	Bifunctional glutamate/proline--tRNA ligase;Glutamate--tRNA ligase;Proline--tRNA ligase	EPRS	3240300	1958200	495220	1981400	1120400	900890	853070
P07900;P07900-2;G3V2J8;Q14568;Q58FG0	Heat shock protein HSP 90-alpha	HSP90AA1	91941000	85049000	17527000	120240000	27353000	51920000	101150000
P07948;P07948-2;E5RJ37	Tyrosine-protein kinase Lyn	LYN	2173400	0	0	357460	0	0	128330
P07954-2;P07954	Fumarate hydratase, mitochondrial	FH	1150600	1203800	0	2031500	0	234990	597360
P08107;P08107-2;V9GZ37	Heat shock 70 kDa protein 1A	HSPA1A	2174600000	2471000000	2265700000	4206400000	2230900000	4204500000	2862300000
P08133;P08133-2;E7EMC6;E5RJF5;E5RK63;E5RI05;E5RFF0;E5RJR0;E5RIU8	Annexin A6;Annexin	ANXA6	10954000	15437000	3045100	69286000	14912000	10722000	12862000
P08237-2;P08237;P08237-3;F8W1J8;F8VSF7;F8VW30;F8VSL1;F8VUB8;F8VTQ3;F8VYK8;F8VZI0;F8VX13;F8VNX2;F8VZQ1;F8VVE3;F8VP00	ATP-dependent 6-phosphofructokinase, muscle type	PFKM	168560	0	0	1189500	627250	1875100	111590
P08238;Q58FF7;Q5T9W8;Q58FF8;Q58FF6;REV__H3BMH3	Heat shock protein HSP 90-beta	HSP90AB1	293060000	313630000	71281000	395640000	126860000	158480000	271860000
P08243-2;P08243;P08243-3;F8WEJ5;C9J057;C9JT45;C9JLN6;C9JM09	Asparagine synthetase [glutamine-hydrolyzing]	ASNS	6025500	961910	250320	4522300	0	1481600	5612100
P08559-3;P08559;P08559-2;P08559-4;Q5JPU3;Q5JPU2;Q5JPU0;Q5JPT9;Q5JPU1;P29803	Pyruvate dehydrogenase E1 component subunit alpha, somatic form, mitochondrial	PDHA1	1874500	1339700	0	1880600	0	1986300	1069400
P08579	U2 small nuclear ribonucleoprotein B	SNRPB2	16135000	39662000	235130	10087000	13208000	5327800	6519600
P08621;P08621-2;P08621-3;M0QYR1;P08621-4;M0QX04	U1 small nuclear ribonucleoprotein 70 kDa	SNRNP70	51296000	49854000	155930	3017400	38123000	0	1505600
P08670;B0YJC4;B0YJC5;Q5JVS8;H7C5W5;P41219;P41219-2;U3KPR1;B4DIR1;K7ELP4;K7EKH6;F8W835;K7EKH9;CON__Q61726;A0A087X106;CON__O43790;CON__Q6NT21;CON__P78385;CON__Q14533;CON__P78386;O43790;P78385;Q14533;P78386	Vimentin	VIM	69648000	3105400	41034000	90804000	42168000	56828000	53460000
P08697-2;P08697	Alpha-2-antiplasmin	SERPINF2	318500	0	0	0	0	0	0
P08754;P19087;P11488;P09471-2;P09471;A8MTJ3;A0A087WTB6;A2A2R6;Q5JWD1;H0Y7E8;H3BTM2;A0A087WZE5;P38405-3;P38405;P38405-2	Guanine nucleotide-binding protein G(k) subunit alpha	GNAI3	9139100	321380	0	2949600	379570	560310	1220200
P08758;D6RBL5;E9PHT9;D6RBE9;D6RCN3	Annexin A5;Annexin	ANXA5	9500400	8000900	475820	8357200	538100	1664300	8160900
P09012;M0R268;M0R221;M0R2B8;M0QZG7;M0QXK2;M0R0G9	U1 small nuclear ribonucleoprotein A	SNRPA	35386000	34295000	4920700	39779000	12437000	9153800	12603000
P09132;A0A087WWU9;A0A087WYR0;P09132-2	Signal recognition particle 19 kDa protein	SRP19	3281700	3628400	0	1471100	4014600	359350	817390
P09234;Q5TAL2	U1 small nuclear ribonucleoprotein C	SNRPC	12399000	8996400	0	1351000	9253100	0	0
Q5T7C4;P09429;Q5T7C6;B2RPK0	High mobility group protein B1;Putative high mobility group protein B1-like 1	HMGB1;HMGB1P1	71944000	64833000	9086400	61431000	9403200	21668000	33713000
P09496-2;P09496-4;P09496-3;P09496;F8WF69;P09496-5;C9J8P9	Clathrin light chain A	CLTA	5191600	5101800	2879500	18778000	10920000	2498800	5652300
P09497-2;P09497;D6RJD1;H0Y9Q6	Clathrin light chain B	CLTB	5899400	2380000	1112100	5867200	6898900	12231000	5726200
Q6P452;P09525;P09525-2	Annexin;Annexin A4	ANXA4	0	0	0	0	0	0	155380
P09601;B1AHA8	Heme oxygenase 1	HMOX1	0	0	0	0	0	0	598590
P09622;E9PEX6;P09622-3;P09622-2;F8WDM5;F2Z2E3	Dihydrolipoyl dehydrogenase, mitochondrial;Dihydrolipoyl dehydrogenase	DLD	5164000	2796700	1219100	197860000	705700	3877100	4097100
P09661;H0YMA0;H0YLR3;H0YKK0	U2 small nuclear ribonucleoprotein A	SNRPA1	40265000	50207000	1099800	22709000	37039000	10166000	13170000
P09874;Q5VX84;Q5VX85	Poly [ADP-ribose] polymerase 1	PARP1	23999000	22451000	185980	6388800	6903200	2680200	4278700
P09936;D6RE83;D6R956;D6R974;D6RF53	Ubiquitin carboxyl-terminal hydrolase isozyme L1;Ubiquitin carboxyl-terminal hydrolase	UCHL1	60606000	39881000	2258300	82016000	8909100	12421000	46722000
P09960;P09960-4;P09960-2;P09960-3;B4DEH5	Leukotriene A-4 hydrolase	LTA4H	6561700	4069200	0	7254100	329670	0	4378600
P09972;K7EKH5;C9J8F3;J3KSV6;J3QKP5;A8MVZ9	Fructose-bisphosphate aldolase C	ALDOC	8875600	6183700	1217600	12374000	45871	678390	4284400
P0C221	Coiled-coil domain-containing protein 175	CCDC175	83887	0	0	0	0	0	0
P0CG38	POTE ankyrin domain family member I	POTEI	0	0	0	0	0	0	0
P0CG39	POTE ankyrin domain family member J	POTEJ	254560	0	118330	490480	41192	54703	945590
P10155;P10155-3;P10155-5;P10155-4;P10155-2;H0Y9N5;G5E9R9;D6RE09;D6RDN1	60 kDa SS-A/Ro ribonucleoprotein	TROVE2	16536000	6371000	44823	6009100	4825100	1547000	5205800
P10253;I3L0S5;I3L3L3	Lysosomal alpha-glucosidase;76 kDa lysosomal alpha-glucosidase;70 kDa lysosomal alpha-glucosidase	GAA	321520	0	0	76842	0	0	72845
P10412;P16402;P22492;Q02539	Histone H1.4;Histone H1.3	HIST1H1E;HIST1H1D	244270	0	0	0	577810	0	0
P10599;P10599-2	Thioredoxin	TXN	47964000	52745000	46288000	60706000	34092000	75266000	66464000
P10606	Cytochrome c oxidase subunit 5B, mitochondrial	COX5B	6061400	277110	0	6114200	0	0	1530400
X6R5C5;X6R8A1;P10619-2;P10619	Carboxypeptidase;Lysosomal protective protein;Lysosomal protective protein 32 kDa chain;Lysosomal protective protein 20 kDa chain	CTSA	0	0	0	470650	0	0	0
P10636-5;P10636-8;P10636;P10636-9;I3L170;P10636-3;P10636-2;P10636-4;P10636-6;P10636-7	Microtubule-associated protein tau;Microtubule-associated protein	MAPT	0	756940	319600	400220	489000	755930	344570
P10644;P10644-2;K7EPB2;K7EM13;K7EIE5;K7EID3;K7EJ40;K7EK41;K7EMU2;K7EMZ6;K7EKR1;K7EPR5;K7EQK3;X6RAV4;H7BYW5;C9JSK5;P31321	cAMP-dependent protein kinase type I-alpha regulatory subunit;cAMP-dependent protein kinase type I-alpha regulatory subunit, N-terminally processed	PRKAR1A	594220	151920	188650	8242500	480480	1915800	7021400
P10768;X6RA14;H7BZT7;U3KQT1	S-formylglutathione hydrolase	ESD	5935900	158460	0	3606400	0	0	958150
P10809;E7ESH4;E7EXB4;P10809-2;C9JL25;C9JL19;C9JCQ4	60 kDa heat shock protein, mitochondrial	HSPD1	29137000	16189000	3996700	30158000	13406000	17410000	26067000
P11021;REV__H3BUZ0;REV__Q9NXD2-2;REV__Q9NXD2	78 kDa glucose-regulated protein	HSPA5	211400000	250310000	549150000	382360000	203710000	932380000	276200000
P11047	Laminin subunit gamma-1	LAMC1	0	0	0	73738	0	0	0
P11142;E9PKE3;E9PNE6;P11142-2;A8K7Q2;E9PS65;E9PLF4;E9PQQ4;E9PQK7;E9PK54;E9PPY6;E9PM13;E9PN25;E9PI65	Heat shock cognate 71 kDa protein	HSPA8	838000000	1209100000	730260000	1651100000	653710000	1021900000	1120900000
P11171-2;P11171;P11171-4;P11171-3;P11171-5;P11171-7;P11171-6;Q4VXN1	Protein 4.1	EPB41	7132200	4479900	1382500	12709000	3244800	2958200	5372400
P11177-3;P11177-2;P11177;C9J634;F8WF02	Pyruvate dehydrogenase E1 component subunit beta, mitochondrial	PDHB	1594300	539620	630030	1907000	2087900	2083700	1707300
P11216	Glycogen phosphorylase, brain form	PYGB	191360	0	0	0	0	0	0
P11387;E5RJ95;E5RFS0;E5RIC7;Q969P6-2;Q969P6;E5RJ33;H0YBR3;H0YC03;E5RGE7;E5RGR4;E5RFE3;E5RGR2	DNA topoisomerase 1	TOP1	3839500	3430700	962460	1020800	2584000	1064700	942740
P11441;Q5HY81;F8WB70	Ubiquitin-like protein 4A	UBL4A	508040	0	0	27136000	20396000	11562000	13190000
P11766;D6RFE4;H0YAG8;D6RAY0;D6R9G2	Alcohol dehydrogenase class-3	ADH5	1687200	567770	0	1665500	107100	500800	1658100
P11802;F8VYH9;F8VTV8;F8VWX7;F8VZZ0;F8VZ51;Q96BE9;F8W1L8;F8VXD2;P11802-2;F8VYY1;REV__Q8IZS6	Cyclin-dependent kinase 4	CDK4	2252000	12834000	171280	4835000	0	741210	1202500
P11926	Ornithine decarboxylase	ODC1	0	0	0	317280	324730	0	388730
P11940;A0A087WTT1;E7EQV3;E7ERJ7;P11940-2;H0YAR2;Q9H361;H0YBN4;H0YAP2;Q4VXU2;E5RGH3;E5RH24;E5RJB9;H0YB86;Q4VXU2-2;H0YAS7;H0YAS6;H0YB75;H0YC10;E5RHG7;H0YEQ8;E5RGC4;E5RFD8;Q5JQF8;Q96DU9-2;Q96DU9	Polyadenylate-binding protein 1;Polyadenylate-binding protein;Polyadenylate-binding protein 3	PABPC1;PABPC3	21100000	17897000	670860	14328000	5784100	2836900	8085900
P12004	Proliferating cell nuclear antigen	PCNA	40875000	15501000	5953400	40021000	15637000	47265000	31094000
P12081-4;P12081;P12081-3;P12081-2;B4DDD8;B4E1C5;B3KWE1;E7ETE2;D6RF05	Histidine--tRNA ligase, cytoplasmic	HARS	3741500	4534800	724150	6478500	1711000	1964100	2650400
P12236;P12235;I7HJJ0;V9GYG0	ADP/ATP translocase 3;ADP/ATP translocase 3, N-terminally processed;ADP/ATP translocase 1	SLC25A6;SLC25A4	1660700	874800	0	1494900	0	162370	634810
P12270;Q15624	Nucleoprotein TPR	TPR	37765	0	0	0	198000	0	0
P12277;H0YJG0;G3V4N7;G3V461;H0YJK0;P06732;H0YJJ7;G3V2I1	Creatine kinase B-type	CKB	60532000	53791000	2448900	83408000	10767000	19444000	59999000
P12814-2;P12814;P12814-3;H9KV75;P12814-4;H7C5W8;H0YJW3;G3V2W4;G3V2N5;H0YJ11;G3V2X9	Alpha-actinin-1	ACTN1	2765000	219990	96800	3340600	909970	1455700	1873400
P12955-3;P12955-2;P12955;V9GYE4	Xaa-Pro dipeptidase	PEPD	111410	225160	0	278420	158270	0	203160
P12956;P12956-2;B1AHC9;P51449-2;P51449	X-ray repair cross-complementing protein 6	XRCC6	37639000	21498000	12524000	50855000	15210000	29998000	32394000
P13010;C9JZ81;H7C0H9	X-ray repair cross-complementing protein 5	XRCC5	20352000	12298000	6551400	43174000	11318000	22401000	19517000
P13073;H3BPG0;H3BN72;H3BNV9;Q86WV2	Cytochrome c oxidase subunit 4 isoform 1, mitochondrial	COX4I1	3923600	1912100	0	2443900	0	0	1458900
P13489;E9PMJ3;E9PLZ3;E9PIM9;H0YCR7;E9PMA9;E9PMN0;E9PIK5	Ribonuclease inhibitor	RNH1	1518300	1662200	607760	3221400	294310	502740	1987900
P13639	Elongation factor 2	EEF2	226990000	320880000	7336700	323720000	223620000	33453000	148790000
P13667	Protein disulfide-isomerase A4	PDIA4	35799000	8216900	7483200	16525000	3499400	12827000	7607800
P13674-2;P13674-3	Prolyl 4-hydroxylase subunit alpha-1	P4HA1	19856000	10763000	32046000	37151000	10849000	54361000	22597000
Q5W0H4;P13693;J3KPG2;E9PJF7;P13693-2;Q56UQ5;H0YCX0	Translationally-controlled tumor protein;TPT1-like protein	TPT1	13617000	6210500	0	1859700	0	0	6217300
P13796;Q5TBN3;P13796-2	Plastin-2	LCP1	1664000	924360	0	2041500	270030	203420	693860
P13797;P13797-3;P13797-2;F8W8D8;U3KQI3;H7C4N2	Plastin-3	PLS3	13645000	9200100	14194	7643600	1198500	1485000	4986600
P13807-2;P13807	Glycogen [starch] synthase, muscle	GYS1	85179	0	0	0	0	0	0
P13861-2;P13861;H7C330;H7C1L0;H7C4A9;C9J830;P31323	cAMP-dependent protein kinase type II-alpha regulatory subunit	PRKAR2A	6403100	901000	244240	6742000	671390	3129700	2878900
P13995;B9A062;P13995-2;B8ZZU9;F8W7P9;Q9H903-3;Q9H903-1;Q9H903-5;Q9H903	Bifunctional methylenetetrahydrofolate dehydrogenase/cyclohydrolase, mitochondrial;NAD-dependent methylenetetrahydrofolate dehydrogenase;Methenyltetrahydrofolate cyclohydrolase	MTHFD2	1332100	926530	0	403250	377530	694060	882790
P14174	Macrophage migration inhibitory factor	MIF	18314000	23571000	7581800	34834000	984120	1205100	11939000
P14324-2;P14324;A0A087X1D8;A0A087X090;A0A087WVN4;A0A087WTP2	Farnesyl pyrophosphate synthase	FDPS	720920	0	0	1649800	0	1427300	1273200
P14550;V9GYG2;V9GYP9;Q5T621	Alcohol dehydrogenase [NADP(+)]	AKR1A1	3804800	1996400	0	2718800	0	122660	1637100
P14618;P14618-2;H3BTN5;P14618-3;H3BQ34;H3BR70;H3BUW1;H3BTJ2;H3BT25;H3BU13;P30613-2;P30613;H3BN34;H3BQZ3	Pyruvate kinase PKM;Pyruvate kinase	PKM	45361000	40189000	174290	35549000	12007000	11196000	30902000
P14625;Q96GW1;Q58FF3;H0YIV0;F8W026	Endoplasmin	HSP90B1	23510000	15867000	3451800	23722000	3382000	16066000	15378000
P14649;F8W1I5	Myosin light chain 6B	MYL6B	2511600	1050200	1168100	1565300	977240	876720	1110800
P14735;Q5T5N3	Insulin-degrading enzyme	IDE	897770	597830	0	769740	0	0	149170
P14866;M0QXS5;P14866-2;M0R1W6;B4DVF8;M0QYL7	Heterogeneous nuclear ribonucleoprotein L	HNRNPL	40888000	60681000	17833000	42910000	24362000	44086000	22185000
P14868;P14868-2;C9J7S3;C9JLC1;H7BZ35;C9JQM9;H7C278	Aspartate--tRNA ligase, cytoplasmic	DARS	5095600	2304400	792690	2490300	887780	1019500	1384800
P14923;C9JTX4;C9J826;C9JK18;C9JKY1;C9JPI2;K7ERP3;P35222-2	Junction plakoglobin	JUP	12112000	420060	173720	810980	0	0	540580
P15104;A0A087WYJ1	Glutamine synthetase	GLUL	1192200	801640	0	4373100	1520800	1429000	2600500
P15121;E9PCX2;E9PEF9;C9JRZ8-2;C9JRZ8	Aldose reductase	AKR1B1	12592000	9880800	1070100	8767200	884090	474600	5145900
P15531;P15531-2	Nucleoside diphosphate kinase A	NME1	7924800	3561500	1237500	11810000	2242700	3889300	3778100
P15880;H0YEN5;E9PQD7;E9PMM9;I3L404;E9PPT0;E9PM36;H3BNG3;H0YE27	40S ribosomal protein S2	RPS2	455200000	469360000	206460	126560000	491360000	12970000	73857000
P15924;P15924-2;P15924-3	Desmoplakin	DSP	43639	0	0	89872	43457	0	9840.5
P15927;P15927-2;P15927-3;Q5TEJ7;Q5TEJ0	Replication protein A 32 kDa subunit	RPA2	2780900	2377200	0	3511600	1287200	5129400	5996300
Q5TD07;P16083	Ribosyldihydronicotinamide dehydrogenase [quinone]	NQO2	378250	0	0	0	0	0	0
P16152;E9PQ63;A8MTM1;P16152-2	Carbonyl reductase [NADPH] 1	CBR1	5807800	2773000	508090	5490500	1078600	2251500	3689500
P16403	Histone H1.2	HIST1H1C	123170000	158640000	0	25871000	108570000	4974600	12052000
P16615;H7C5W9;P16615-5;P16615-2;P16615-3;P16615-4;Q93084-4;Q93084-2;Q93084-3;Q93084-7;Q93084;Q93084-6;Q93084-5;O14983-3;O14983-2;O14983;H3BTW4	Sarcoplasmic/endoplasmic reticulum calcium ATPase 2	ATP2A2	608760	576670	0	250050	0	384940	668430
P16949;A2A2D0;P16949-2	Stathmin	STMN1	4893700	1263300	0	6362400	0	0	2502100
P16989;P16989-3;H0YG22;REV__P16989-2;REV__P16989-3;REV__P16989	Y-box-binding protein 3	YBX3	203440000	114810000	7612500	168760000	96836000	35573000	113520000
P16989-2	Y-box-binding protein 3	YBX3	975650	0	0	3173700	0	0	0
P17066;P48741	Heat shock 70 kDa protein 6	HSPA6	151550000	210010000	202460000	289900000	200150000	303950000	196590000
P17096;P17096-3	High mobility group protein HMG-I/HMG-Y	HMGA1	0	1864700	0	0	0	0	0
P17174;P17174-2	Aspartate aminotransferase, cytoplasmic	GOT1	3920200	1592000	0	3155000	0	0	2299700
P17612-2;P17612;A0A087WVC4;A0A087WVV9;P22694-10;P22694-4;P22694-3;P22694;P22694-5;P22694-7;P22694-6;P22694-9;P22694-2;Q15136;B1APF6;B1APF7;B1APG1;B1APG0;B1APG2;B1APF8;B1APF9;K7ERP6;B1APG3;P22694-8;P22612	cAMP-dependent protein kinase catalytic subunit alpha;cAMP-dependent protein kinase catalytic subunit beta	PRKACA;PRKACB;KIN27	1755900	0	143280	478710	0	0	365050
P17706-2;P17706-4;P17706;K7EQG9;P17706-3;K7EIE9;K7ERU1;K7EIY0;K7ENP9;K7ER87	Tyrosine-protein phosphatase non-receptor type 2;Tyrosine-protein phosphatase non-receptor type	PTPN2	0	561650	717480	1116300	149590	54093	337200
P17812;P17812-2	CTP synthase 1	CTPS1	4032000	1651700	0	6358800	303760	328060	3302600
P17844;J3KTA4;P17844-2;J3QRQ7;J3QSF1;J3KRZ1;J3QR02;J3KRX8;X6RLV5;J3QKN9;J3QLG9;J3QR62;J3QRN5	Probable ATP-dependent RNA helicase DDX5	DDX5	91236000	131360000	3477800	37130000	55299000	8864700	24083000
P17858;P17858-2	ATP-dependent 6-phosphofructokinase, liver type	PFKL	631440	444470	0	236630	0	0	0
P17980;E9PM69;E9PMD8;E9PKD5	26S protease regulatory subunit 6A	PSMC3	6837300	7288200	0	6646400	2211800	2882900	6660200
P17987;E7ERF2;E7EQR6;F5H282;F5H136;F5GZ03;F5GZI8;F5H676;F5H726;F5H7Y1;F5GYL4	T-complex protein 1 subunit alpha	TCP1	35700000	33743000	12345000	48522000	23623000	39867000	39316000
P18077;C9K025;F8WBS5;F8WB72	60S ribosomal protein L35a	RPL35A	278590000	365050000	269910	51923000	283800000	6223700	24785000
P18124;A8MUD9;C9JIJ5;C9JZ88;H0Y4W2;F2Z2U4;Q9Y4A5-2;Q9Y4A5	60S ribosomal protein L7	RPL7	595260000	596670000	244760	56427000	558250000	1685800	35914000
P18206-2;P18206;Q5JQ13;P18206-3	Vinculin	VCL	3481900	2103800	127790	3794200	935430	528460	1940200
P18583-6;P18583-2;P18583-10;P18583-3;P18583-4;P18583-7;P18583;P18583-5;P18583-9;P18583-8;J3QSZ5;H7C1M2	Protein SON	SON	109420	873040	0	43165	721290	208040	0
P18669;P15259;Q8N0Y7	Phosphoglycerate mutase 1	PGAM1	58845000	53537000	7033500	57168000	22409000	37155000	46724000
Q5VTZ4;P18847-5;P18847;P18847-4;P18847-2;P18847-3	Cyclic AMP-dependent transcription factor ATF-3	ATF3	0	0	0	428150	0	2468700	788090

P18887;F5H8D7;M0R0D2;M0QYS5;M0QZ96;M0R1U8	DNA repair protein XRCC1	XRCC1	143020	82478	134700	82386	0	618040	502740
P19174;P19174-2	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase gamma-1	PLCG1	53601	0	0	0	0	0	0
P19338;H7BY16;C9JYW2;C9JLB1;C9J1H7;C9JWL1	Nucleolin	NCL	356740000	269790000	14111000	217750000	167770000	22737000	103780000
P19367-4;P19367-2;P19367;P19367-3;B1AR63;Q2TB90	Hexokinase-1	HK1	908020	822240	0	656710	0	133910	539600
P19387;H3BRR2	DNA-directed RNA polymerase II subunit RPB3	POLR2C	2106800	1982000	462900	4226100	2080400	0	1630200
P19388;A0A087WVZ9;A0A087WWX0;A0A087WVN5	DNA-directed RNA polymerases I, II, and III subunit RPABC1	POLR2E	14853000	6611200	6896100	42475000	24481000	20129000	29507000
P19525-2;P19525;F8WBH4;C9JZT2	Interferon-induced, double-stranded RNA-activated protein kinase	EIF2AK2	267670	1129100	0	59551	0	0	0
P19623;K7EL89;K7EKM4;K7ESL0;K7EQ47	Spermidine synthase	SRM	3270700	1892400	0	5253400	0	181630	2277500
P19784;H3BNI9;H3BSA1;H3BV19	Casein kinase II subunit alpha	CSNK2A2	2066100	758890	0	1077300	811820	607390	671830
P20042	Eukaryotic translation initiation factor 2 subunit 2	EIF2S2	853840	2382300	0	169220	889200	0	0
P20290;H0Y9Y1;E9PPC3;Q96K17-3	Transcription factor BTF3	BTF3	4246300	3126800	0	757000	5227200	0	307330
P20290-2;D6RDG3	Transcription factor BTF3	BTF3	274900000	189170000	3612500	109490000	252040000	22893000	53909000
P20618	Proteasome subunit beta type-1	PSMB1	3901700000	5796400000	3606700000	3788900000	2084200000	2562800000	2398800000
P20700;E9PBF6	Lamin-B1	LMNB1	2360900	1098000	1685700	6134200	1601300	1784800	1839900
P21266;E9PLF1;E9PHN7;E9PHN6;Q5T8Q9;Q5T8R1;F6XZQ7;P28161-2;P46439;P28161	Glutathione S-transferase Mu 3	GSTM3	1159700	261580	227750	335000	0	0	152790
P21283;E7EV59	V-type proton ATPase subunit C 1	ATP6V1C1	65814	0	0	0	0	0	202190
P21359-2;P21359-6;P21359;J3KSB5;H0Y465;P21359-4;K7EP94;J3QLS2;P21359-3;P21359-5	Neurofibromin;Neurofibromin truncated	NF1	3036300	567450	4746700	7925400	74348	5841000	173280
P21399;Q5VZA6	Cytoplasmic aconitate hydratase	ACO1	0	0	0	354450	0	0	0
P21796;C9JI87	Voltage-dependent anion-selective channel protein 1	VDAC1	5049000	1524200	0	1421400	0	0	1400300
P22059	Oxysterol-binding protein 1	OSBP	198340	112440	0	87711	0	44552	104110
P22102;P22102-2;F8WD69;C9JBJ1;C9JTV6;C9JZG2;C9JKQ7;H7C366	Trifunctional purine biosynthetic protein adenosine-3;Phosphoribosylamine--glycine ligase;Phosphoribosylformylglycinamidine cyclo-ligase;Phosphoribosylglycinamide formyltransferase	GART	4680200	3085300	246770	5660200	843920	864850	3256500
P22314-2;P22314;Q5JRR9;Q5JRS0;Q5JRR6;Q5JRS2;Q5JRS1;Q5JRS3	Ubiquitin-like modifier-activating enzyme 1	UBA1	17088000	12972000	1142100	12650000	5280900	3919700	11134000
Q32Q12;P22392-2;J3KPD9;P22392;E7ERL0;O60361;E5RHP0;F6XY72;C9K028	Nucleoside diphosphate kinase;Nucleoside diphosphate kinase B;Putative nucleoside diphosphate kinase	NME1-NME2;NME2;NME1;NME2P1	84696000	84879000	6934600	102670000	24410000	20501000	50877000
P22626;P22626-2;A0A087WUI2	Heterogeneous nuclear ribonucleoproteins A2/B1	HNRNPA2B1	225640000	202900000	66524000	212650000	107050000	194630000	111960000
P23193;B7Z4S1;P23193-2;Q15560-2;Q15560;E5RK46;E5RFI1;E5RJ93;E5RIS7;Q5JRI7	Transcription elongation factor A protein 1	TCEA1	1084300	0	0	811670	128310	371330	475930
P23246;P23246-2	Splicing factor, proline- and glutamine-rich	SFPQ	6959100	13530000	759780	9462400	3147000	3006100	3178800
P23284	Peptidyl-prolyl cis-trans isomerase B	PPIB	61844000	67327000	49945000	76859000	17059000	70116000	45556000
P23368;P23368-2	NAD-dependent malic enzyme, mitochondrial	ME2	522800	429960	0	780810	0	0	380110
P23381-2;P23381;G3V3H8;G3V3Y5;G3V3X0;G3V423;G3V3P2;G3V227;G3V5U1;G3V456;G3V2Y7;H0YJP3;G3V277;G3V5W1;G3V3S7	Tryptophan--tRNA ligase, cytoplasmic;T1-TrpRS;T2-TrpRS	WARS	547870	0	0	2146600	0	191900	927380
P23396;P23396-2;E9PL09;E9PPU1;F2Z2S8;H0YEU2;H0YCJ7;E9PQ96;E9PJH4;H0YF32;E9PK82;E9PSF4;E9PQX2;H0YES8;E9PJN9	40S ribosomal protein S3	RPS3	643550000	723130000	11807000	294600000	699350000	47133000	208520000
P23526;P23526-2	Adenosylhomocysteinase	AHCY	29063000	19373000	0	39632000	7697100	17796000	21465000
P24534;F2Z2G2;C9JZW3;F8WF65	Elongation factor 1-beta	EEF1B2	17417000	11933000	2775600	25953000	3350400	26048000	12726000
Q5QNZ2;P24539	ATP synthase F(0) complex subunit B1, mitochondrial	ATP5F1	0	272170	0	340200	0	0	0
P24666;G5E9R5;P24666-4;F2Z2Q9;P24666-3;P24666-2;D3YTI2	Low molecular weight phosphotyrosine protein phosphatase	ACP1	5719400	2712300	442200	7413300	0	0	2702300
P24752;H0YEL7;P24752-2;E9PKF3;E9PRQ6	Acetyl-CoA acetyltransferase, mitochondrial	ACAT1	1759100	2406400	28052	1296200	641900	692850	447460
P24928;A0A087WWE2;P24928-2;Q8ND83;Q9NY15-2;Q9NY15	DNA-directed RNA polymerase II subunit RPB1;DNA-directed RNA polymerase	POLR2A	492750	2628100	320790	2407100	3766600	1838400	1784400
P25205;P25205-2;J3KQ69;Q7Z6P5	DNA replication licensing factor MCM3	MCM3	1182600	1123300	0	3508300	189470	965010	2046100
P25311;C9JEV0	Zinc-alpha-2-glycoprotein	AZGP1	0	198430	707120	0	0	1043200	432150
P25398	40S ribosomal protein S12	RPS12	696810000	590040000	10901000	240690000	452060000	29233000	162510000
P25490;H0YJV7;O15391;H0YJU4	Transcriptional repressor protein YY1;Transcription factor YY2	YY1;YY2	188490	0	0	0	0	211380	104960
P25685;P25685-2;M0R080;M0QYT3;M0QXK0;M0R128;M0R1D6;M0QZD0	DnaJ homolog subfamily B member 1	DNAJB1	0	0	0	1334100	0	290840	1085500
P25705;P25705-2;P25705-3;K7EK77;K7ERX7;K7ENJ4;K7EJP1;K7EQH4;K7ESA0;REV__C9JJM9;REV__C9JD81;REV__C9J3W7;REV__C9JBN7;REV__C9JEW7;REV__F8WDL9;REV__C9J7X7;REV__C9J718;REV__C9JF32;REV__C9JRT6;REV__F8WDB6;REV__Q9Y5A7-2;REV__Q9Y5A7;REV__H3BM14;REV__H3BM74;REV__O00522-3;REV__O00522	ATP synthase subunit alpha, mitochondrial	ATP5A1	9104600	7258500	0	4719100	1435700	2495500	3685800
P25786;P25786-2;F5GX11;B4DEV8;F5H112	Proteasome subunit alpha type-1	PSMA1	5088200000	7402400000	5489200000	4794900000	4029700000	4729600000	3674400000
P25787;C9JCK5;H3BT36;H7C402	Proteasome subunit alpha type-2	PSMA2	2017400000	3432500000	1507000000	1953100000	2079400000	2266600000	1504300000
P25788-2;P25788;H0YJ03;G3V3W4;G3V5N4	Proteasome subunit alpha type-3	PSMA3	5244400000	7923600000	5278400000	4927100000	3592800000	5322000000	4659500000
P25789;H0YN18;H0YL69;H0YMZ1;H0YMA1;H0YMI6;H0YKS0;H0YLC2;H0YLS6;H0YMV3	Proteasome subunit alpha type-4;Proteasome subunit alpha type	PSMA4	7198700000	9208800000	7428000000	6532800000	4761500000	5400700000	5084400000
P25789-2	Proteasome subunit alpha type-4	PSMA4	23644000	26342000	39553000	14155000	9121000	8787600	19321000
P26038;V9GZ54	Moesin	MSN	2664500	2307800	118440	5432600	0	713160	1938200
P26196;Q8IV96	Probable ATP-dependent RNA helicase DDX6	DDX6	778880	213770	0	0	0	0	296700
P26358;P26358-2;P26358-3;K7ENW7;K7ENQ6	DNA (cytosine-5)-methyltransferase 1	DNMT1	0	0	0	88367	78712	130160	155460
P26373;P26373-2;J3QSB4;J3KS98;H3BUK8;H3BTH3	60S ribosomal protein L13	RPL13	422660000	511520000	0	38956000	389310000	1319300	26391000
P26583;D6R9A6	High mobility group protein B2	HMGB2	2187800	12958000	358590	8585900	5162100	3746300	8163700
P26599;P26599-2;P26599-3;A6NLN1;K7EKJ7;K7EK45;A0A087WUW5;K7ELW5;K7ES59;A0A087WU68	Polypyrimidine tract-binding protein 1	PTBP1	25732000	30592000	6125500	26107000	18448000	18884000	15089000
P26639;P26639-2;D6R9F8;D6RCA5;D6RDJ6;D6RBR8;D6RJ97;D6RHV7;D6RCS6;B7ZLP8;A2RTX5-2;A2RTX5	Threonine--tRNA ligase, cytoplasmic	TARS	4273000	3477100	25126	5403000	499540	1197800	3677200
P26640;A2ABF4;P26640-2	Valine--tRNA ligase	VARS	1427900	1646700	24332	1604400	891150	711640	1158200
P26641;P26641-2	Elongation factor 1-gamma	EEF1G	40674000	26895000	2390100	51572000	7369800	12446000	25538000
P27348;E9PG15	14-3-3 protein theta	YWHAQ	29365000	20947000	6708800	58344000	17360000	25564000	40636000
X1WI28;P27635;B8A6G2;A6QRI9	60S ribosomal protein L10	RPL10	314100000	437970000	0	55199000	347790000	9998000	21762000
P27694;I3L4R8;H0YE41;E9PPF2;E9PM19;P29597	Replication protein A 70 kDa DNA-binding subunit;Replication protein A 70 kDa DNA-binding subunit, N-terminally processed	RPA1	3935200	1058400	1163300	5434600	569220	2914200	2642000
P27708;F8VPD4;H7C2E4;H7BZB3;H7C3Z5;P31327-2;P31327;P31327-3	CAD protein;Glutamine-dependent carbamoyl-phosphate synthase;Aspartate carbamoyltransferase;Dihydroorotase	CAD	2586600	3105300	287750	2778700	911780	1124600	2014200
P27797;K7EJB9;K7EL50	Calreticulin	CALR	33410000	23124000	3776700	34270000	5692900	17388000	20608000
P27824;P27824-2;P27824-3;H0Y9Q7;D6RGY2;D6RAU8;D6RB85;D6RDP7;D6RFL1;H0Y9H1;D6RAQ8;D6RHJ3;D6RD16	Calnexin	CANX	7257000	1797700	243880	2636900	223860	512120	3423600
P28065;A2ACR1;P28065-2;A2ACR0;A2ACQ9	Proteasome subunit beta type-9;Proteasome subunit beta type	PSMB9	16813000	27749000	15458000	13237000	10687000	19918000	10439000
P28066	Proteasome subunit alpha type-5	PSMA5	3805900000	5037000000	2263300000	3616600000	3466500000	4203300000	2898000000
P28070	Proteasome subunit beta type-4	PSMB4	4278700000	5918800000	2879400000	3958800000	2564800000	3379100000	2483800000
P28072;A0A087X2I4;I3L3X7	Proteasome subunit beta type-6	PSMB6	4047600000	6465200000	3759500000	3811400000	3193000000	3857600000	2750200000
P28074;P28074-2;H0YJM8;G8JLC2;G3V3K3	Proteasome subunit beta type-5	PSMB5	4061900000	6108200000	3112100000	3832400000	2251400000	3095600000	2442400000
P28074-3	Proteasome subunit beta type-5	PSMB5	23367000	48282000	10523000	22299000	13092000	7352700	20699000
P28289;P28289-2	Tropomodulin-1	TMOD1	6189900	0	1673800	6872400	1115500	4458000	3227800
P28482;P28482-2	Mitogen-activated protein kinase 1	MAPK1	1868000	1596900	383610	3721400	185870	677340	1275500
P28562	Dual specificity protein phosphatase 1	DUSP1	0	0	0	1957600	0	667590	1989200
P28838-2;P28838;H0Y9Q1;H0Y983	Cytosol aminopeptidase	LAP3	1283400	868820	0	1930700	75107	169830	1289100
P29144;Q5VZU9	Tripeptidyl-peptidase 2	TPP2	134920	0	0	0	0	0	37327
P29218;P29218-3;E5RG94;E5RIF4;E5RHE9;E5RG13;E5RI82;E5RGY4;H0YBL1;P29218-2;E5RIP7	Inositol monophosphatase 1	IMPA1	0	0	0	532800	0	0	421270
P29373;Q5SYZ4	Cellular retinoic acid-binding protein 2	CRABP2	1925600	0	0	937760	0	0	592630
P29401;P29401-2;E9PFF2;F8W888;F8WAX4	Transketolase	TKT	24297000	16617000	1952800	27296000	4637600	5901200	16731000
P29692-3;E9PQZ1;E9PL71;E9PN91;H0YE58;H0YE72;E9PQC9;E9PKK3;E9PNW6;E9PJD0	Elongation factor 1-delta	EEF1D	345450	0	0	725190	0	0	0
P29992;K7EL62;O95837	Guanine nucleotide-binding protein subunit alpha-11	GNA11	760620	127740	0	673610	0	0	67272
P30040;F8VY02;F8W1G0;P30040-2	Endoplasmic reticulum resident protein 29	ERP29	1536400	903370	0	5595900	0	4114500	4772400
P30041	Peroxiredoxin-6	PRDX6	43748000	24166000	2858000	35752000	2451500	8864800	24494000
P30044-2;P30044;P30044-3;P30044-4	Peroxiredoxin-5, mitochondrial	PRDX5	4444400	0	0	4618800	0	881250	4832900
P30048-2;P30048	Thioredoxin-dependent peroxide reductase, mitochondrial	PRDX3	27653000	8970800	9060100	29954000	5180400	33380000	19147000
P30049	ATP synthase subunit delta, mitochondrial	ATP5D	0	690250	0	0	0	0	0
P30050;P30050-2	60S ribosomal protein L12	RPL12	388660000	476790000	5657400	105030000	395170000	23731000	75418000
P30084	Enoyl-CoA hydratase, mitochondrial	ECHS1	7419800	5652100	0	3842300	0	2258300	3266200
Q5T0D2;P30085;P30085-2	UMP-CMP kinase	CMPK1	3793600	5118600	0	4200600	0	0	2346400
P30086	Phosphatidylethanolamine-binding protein 1;Hippocampal cholinergic neurostimulating peptide	PEBP1	33984000	42286000	5692600	45016000	9473800	6821200	26505000
P30101	Protein disulfide-isomerase A3	PDIA3	23588000	15774000	3322200	25688000	4705900	8231800	11385000
P30153;B3KQV6;C9J9C1;E9PH38;P30154-5;P30154-4;P30154;P30154-2;M0QXG4;M0R0K6;E9PPI5;E9PHZ6;H0YDG7;P30154-3	Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A alpha isoform	PPP2R1A	9359100	6997400	2862800	18693000	2200400	12389000	10377000
P30405;R4GN99;P30405-2;H0Y548	Peptidyl-prolyl cis-trans isomerase F, mitochondrial;Peptidyl-prolyl cis-trans isomerase	PPIF	3104000	136630	1332900	1573500	0	1006300	2419800
P30419;P30419-2;B7Z8J4;K7EN82;K7EN42	Glycylpeptide N-tetradecanoyltransferase 1	NMT1	9139600	7201900	23963	2173200	6597400	965660	1699900
P30520	Adenylosuccinate synthetase isozyme 2	ADSS	1768300	1370300	28305	2508300	0	0	1189300
P30533	Alpha-2-macroglobulin receptor-associated protein	LRPAP1	0	0	0	480520	123420	0	0
P30566;A0A096LNY6;P30566-2;A0A096LNT4;V9GY96;A0A096LP76;B4DEP1;A0A096LPA2;A0A096LP72;A0A096LNY4;A0A096LNY5	Adenylosuccinate lyase	ADSL	323590	1825300	0	1048400	0	0	635540
P30837	Aldehyde dehydrogenase X, mitochondrial	ALDH1B1	261650	0	0	608410	0	0	121340
P31025;Q5VSP4	Lipocalin-1;Putative lipocalin 1-like protein 1	LCN1;LCN1P1	0	0	1516300	0	0	1390600	0
P31150;G5E9U5	Rab GDP dissociation inhibitor alpha	GDI1	1819600	294430	618560	1390400	0	141150	1480400
P31153;P31153-2;Q00266	S-adenosylmethionine synthase isoform type-2	MAT2A	8529800	1290300	0	4330400	279170	651370	2540900
P31350;P31350-2;C9JXC1	Ribonucleoside-diphosphate reductase subunit M2	RRM2	978030	516080	0	2388600	0	664890	2683300
P31689;P31689-2;REV__H0Y8C5	DnaJ homolog subfamily A member 1	DNAJA1	9448700	6084000	0	7613400	1026900	1494300	3120800
P31930	Cytochrome b-c1 complex subunit 1, mitochondrial	UQCRC1	3759300	1420500	0	3358500	520210	0	1658800
P31937;H7BZL2	3-hydroxyisobutyrate dehydrogenase, mitochondrial	HIBADH	631570	422920	0	682280	0	144750	390340
P31939-2;P31939;C9JLK0;H7C1S2;H7C084;H7BZU3;F8WEF0	Bifunctional purine biosynthesis protein PURH;Phosphoribosylaminoimidazolecarboxamide formyltransferase;IMP cyclohydrolase	ATIC	14275000	5142000	154030	9636100	615040	1045900	4832600
P31942-2;P31942;P31942-3;P31942-4;P31942-6;P31942-5	Heterogeneous nuclear ribonucleoprotein H3	HNRNPH3	31096000	28118000	687600	18497000	6133300	6557400	20619000
P31944	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	118750	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	21676000	24631000	7208400	39108000	21096000	25612000	26764000
P31948;P31948-2;P31948-3;F5H783;F5GXD8;H0YGI8	Stress-induced-phosphoprotein 1	STIP1	41638000	61070000	12924000	50481000	11013000	29620000	27361000
P31949	Protein S100-A11;Protein S100-A11, N-terminally processed	S100A11	10990000	6122000	1112000	19435000	498920	1336100	7781300
P32119;A6NIW5;P32119-2	Peroxiredoxin-2	PRDX2	47085000	25215000	10215000	86511000	11967000	46164000	45032000
P32121-5;P32121-2;P32121;P32121-3;P32121-4;K7EL17;I3L412;Q68DZ5;K7ENA6	Beta-arrestin-2	ARRB2;DKFZp686L0365	378830	825680	0	355580	0	177500	0
P32322;P32322-3;J3QL24;J3QKT4;J3KQ22;E2QRB3;P32322-2;J3QR88;J3QLK9;J3QL23;J3QL32	Pyrroline-5-carboxylate reductase 1, mitochondrial;Pyrroline-5-carboxylate reductase	PYCR1	743760	1324600	0	372190	545380	505150	445150
P32929;P32929-2;P32929-3	Cystathionine gamma-lyase	CTH	671290	182680	0	1248100	0	142140	918940
P32969;D6RAN4;H0Y9V9;E7ESE0;H0Y9R4;REV__O75648-5;REV__O75648-2;REV__O75648	60S ribosomal protein L9	RPL9	270780000	263590000	0	42049000	168420000	922040	10913000
P33176;J3KNA1;O60282;Q12840;O60282-2	Kinesin-1 heavy chain	KIF5B	1322800	761060	59090	1571900	445000	461770	920500
P33991;E5RFR3;E5RFJ8;E5RG31	DNA replication licensing factor MCM4	MCM4	751100	0	0	734860	0	204850	304330
P33992;B1AHB1;B1AHB2;B1AHA9	DNA replication licensing factor MCM5;DNA helicase	MCM5	1266300	529690	14617	857210	0	0	1008300
P33993;P33993-3;P33993-2;C9J8M6	DNA replication licensing factor MCM7	MCM7	1410400	405350	0	3261700	345190	154640	707320
P34897-3;P34897;P34897-2;H0YIZ0;G3V2Y4;G3V5L0;G3V4W5;G3V241;G3V3Y8;G3V4T0;G3V4X0;G3V2W0;G3V2E4;G3V540	Serine hydroxymethyltransferase, mitochondrial;Serine hydroxymethyltransferase	SHMT2	14983000	17063000	312210	21756000	8015100	3428100	15268000
P34931	Heat shock 70 kDa protein 1-like	HSPA1L	710050	4366800	0	3957100	821870	4905100	4154400
P34932;A0A087WYC1;A0A087WTS8;P34932-2;REV__A0A087X226;REV__Q3KQV9	Heat shock 70 kDa protein 4	HSPA4	16329000	12414000	2202700	27098000	2815000	7830700	16724000
P35222;B4DGU4;E7EMJ5;E9PDF9;E7EV28	Catenin beta-1	CTNNB1	4950700	0	1994400	6588300	907080	1323200	5097800
P35232;C9JW96;C9JZ20;E7ESE2;E9PCW0;P35232-2;D6RBK0	Prohibitin	PHB	2626000	33451	0	1244700	0	0	366770
P35241;P35241-5;P35241-4;P35241-2;H0YE16;E9PQ82;E9PNV3;P35241-3	Radixin	RDX	355310	246020	0	951490	0	0	424860
P35244;B5MC59	Replication protein A 14 kDa subunit	RPA3	534830	136640	0	4196100	0	818990	1419000
P35249;C9JZI1;P35249-2;H7C1P0;C9J8M3	Replication factor C subunit 4	RFC4	902900	0	0	0	0	0	177830
P35250-2;P35250;H7C5P4;A0A087WVY3;H7C5S7;H7C5P1;H7C5Q7;F8WC37;H7C5A0;H7C5G4	Replication factor C subunit 2	RFC2	2203000	1586100	0	1792000	1285700	44928	675580
P35520;P35520-2;C9JMA6;H7C2H4	Cystathionine beta-synthase	CBS	573210	1132500	0	1923700	877960	419440	794370
P35573-2;P35573-3;P35573	Glycogen debranching enzyme;4-alpha-glucanotransferase;Amylo-alpha-1,6-glucosidase	AGL	57795	0	3210	60269	0	0	58128
P35579;P35579-2;Q5BKV1;B1AH99;REV__S4R3H4;REV__E7EQT4;REV__Q9UKV3-5;REV__Q9UKV3	Myosin-9	MYH9	16584000	10584000	2324500	9119700	9451200	2761200	4185600
P35580;P35580-3;P35580-5;E7ERA5;A0A087X0T3;P13533;A7E2Y1;REV__Q8IYT3;REV__Q08AF3;P13535;Q9UKX3;Q9Y623;P12882	Myosin-10	MYH10	78237000	30356000	46719000	64228000	48972000	46098000	32833000
P35580-2;P35580-4	Myosin-10	MYH10	103920	0	0	191000	0	0	0
P35606-2;P35606;D6R997;D6RBZ7;D6RCL6;D6RBG7;D6RBT6	Coatomer subunit beta	COPB2	808860	218880	0	2095100	197950	232880	865360
P35613-2;P35613;A0A087WUV8;P35613-3;P35613-4;A0A087X2B5;I3L192;R4GMX5;R4GN83	Basigin	BSG	12228000	4543300	0	16256000	8716500	5436900	12945000
P35658-2;P35658-4;P35658;P35658-3;P35658-5;H0YF36;H0Y837;H0YDS4;E9PKD2;B7ZAV2	Nuclear pore complex protein Nup214	NUP214	817470	371620	1088300	0	0	0	0
P35716	Transcription factor SOX-11	SOX11	0	0	0	0	0	0	0
P35914	Hydroxymethylglutaryl-CoA lyase, mitochondrial	HMGCL	0	0	0	318470	0	0	0
P35998;P35998-2;C9JLS9;D6RAE5;D6R9M8;Q9UBT6-7;Q9UBT6-4;Q9UBT6-6;Q9UBT6-2;Q9UBT6-5;Q9UBT6-8;Q9UBT6	26S protease regulatory subunit 7	PSMC2	1470200000	1487200000	1290700000	2241200000	1481000000	2128600000	1580700000
P36021	Monocarboxylate transporter 8	SLC16A2	0	17404000	0	783660	0	27141000	0
P36404	ADP-ribosylation factor-like protein 2	ARL2	1595100	604420	0	0	0	0	0
P36405	ADP-ribosylation factor-like protein 3	ARL3	2090700	0	0	951210	0	0	0
P36542-2;P36542	ATP synthase subunit gamma, mitochondrial	ATP5C1	127050	1065800	0	878230	0	0	0
P36551	Oxygen-dependent coproporphyrinogen-III oxidase, mitochondrial	CPOX	542540	61287	0	364760	0	0	69176
P36578;H3BM89;H3BTP7;H3BU31	60S ribosomal protein L4	RPL4	212750000	240220000	0	17117000	143860000	554600	6151900
P36871;P36871-2;P36871-3	Phosphoglucomutase-1	PGM1	824470	730780	0	479950	0	165700	769980
P36915;A2AB27;P36915-2	Guanine nucleotide-binding protein-like 1	GNL1	595690	796570	0	643620	503770	0	475930
P36957;P36957-2;Q86SW4;H0YJF9;G3V3F0;G3V5M3	Dihydrolipoyllysine-residue succinyltransferase component of 2-oxoglutarate dehydrogenase complex, mitochondrial	DLST	4089400	923000	0	193750	405160	33387	279260
P37108;H0YLA2	Signal recognition particle 14 kDa protein	SRP14	29781000	73879000	27670	8380300	54329000	23803000	33840000
P37802;P37802-2;X6RJP6;C9J5W6;Q9UI15	Transgelin-2	TAGLN2	38224000	6026400	3378600	33385000	8454200	7913800	15803000
P37837;F2Z393;E9PM01;E9PKI8	Transaldolase	TALDO1	9945500	8274400	1059700	10924000	2278400	2476500	8386200
P38117;P38117-2;M0QY67	Electron transfer flavoprotein subunit beta	ETFB	17822000	10040000	1044900	16904000	2386800	4637200	11479000
P38159;P38159-2;H3BT71;H0Y6E7;Q96E39;H3BUY5;H3BR27;P38159-3;H3BNC1;O75526;Q8IZ40;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	42146000	46397000	3740000	16415000	36645000	7396300	8164100
P38432	Coilin	COIL	1297800	397880	0	176790	251470	0	0
P38606-2;P38606;C9JA17;C9JVW8	V-type proton ATPase catalytic subunit A	ATP6V1A	1989400	699760	0	1612300	0	370860	1746500
P38646;D6RJI2;H0YBG6;D6RA73;H0Y8S0	Stress-70 protein, mitochondrial	HSPA9	299880000	255060000	163280000	374920000	118500000	317290000	237500000
P38919;I3L3H2;E9PBH4;F8WE11;C9JUF0	Eukaryotic initiation factor 4A-III;Eukaryotic initiation factor 4A-III, N-terminally processed	EIF4A3	69923000	67099000	15341000	74763000	29350000	35486000	33682000
P39019;M0R2L9;M0QXK4;M0QYF7;M0R140;A0A075B6E2	40S ribosomal protein S19	RPS19	442810000	551680000	3716500	141090000	526160000	20928000	87728000
P39023;G5E9G0;B5MCW2;H7C422;H7C3M2;F8WCR1;Q92901	60S ribosomal protein L3	RPL3	358860000	471360000	783630	84189000	404610000	4741700	47997000
U3KQ84;P39656-3;P39656;P39656-2	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase 48 kDa subunit	DDOST	781370	0	0	794560	0	0	61850
P39748;P39748-2;I3L3E9;F5H1Y3;CON__P01030;CON__ENSEMBL:ENSBTAP00000007350	Flap endonuclease 1	FEN1	2129400	3504800	0	521150	723070	0	712910
P40222	Alpha-taxilin	TXLNA	429490	260140	0	0	0	0	0
P40227;P40227-2;J3KRI6	T-complex protein 1 subunit zeta	CCT6A	51114000	51890000	25435000	64688000	30926000	53072000	53676000
P40306;J3QQN1;J3QL48	Proteasome subunit beta type-10	PSMB10	0	7091700	1697300	1463700	0	0	0
P40429;M0QYS1;Q8J015;Q6NVV1;M0QZU1;A0A096LPE0	60S ribosomal protein L13a	RPL13A;RPL13a	224200000	233740000	28262	13778000	180650000	3876900	7739900
Q5QNY5;P40855;P40855-5;H0YDY4;E9PS71;B7Z8B3;H0YJ60	Peroxisomal biogenesis factor 19	PEX19	261820	0	0	638930	0	0	601130
P40925;P40925-3;P40925-2;B9A041;B8ZZ51;C9JF79;C9JRL4;C9JLV6	Malate dehydrogenase, cytoplasmic;Malate dehydrogenase	MDH1	18051000	14204000	362240	20164000	3624000	3021500	12130000
P40926;P40926-2;G3XAL0	Malate dehydrogenase, mitochondrial;Malate dehydrogenase	MDH2	60775000	51997000	6184300	68015000	6088300	16899000	41946000
P40937-2;P40937;F5H304;C9JH72;F5H0U6	Replication factor C subunit 5	RFC5	506410	684330	0	636490	1071100	276460	823890
P40938-2;P40938;A0A087X270	Replication factor C subunit 3	RFC3	247740	0	0	0	1682300	0	0
P40939;H0YFD6;P40939-2	Trifunctional enzyme subunit alpha, mitochondrial;Long-chain enoyl-CoA hydratase;Long chain 3-hydroxyacyl-CoA dehydrogenase	HADHA	1644600	80266	0	1052600	85451	173990	577850
P41091;Q2VIR3;F8W810;Q2VIR3-2;H7BZU1	Eukaryotic translation initiation factor 2 subunit 3;Putative eukaryotic translation initiation factor 2 subunit 3-like protein	EIF2S3;EIF2S3L	5383800	7930400	0	9325300	8922100	1473700	4454500
P41208	Centrin-2	CETN2	0	0	0	909100	0	0	0
P41227-2;P41227;F8W808;A8MWP7;C9JN83;C9JW55;Q9BSU3;H0Y8T0	N-alpha-acetyltransferase 10	NAA10	3642000	2004600	302690	5656800	1405900	1832400	2051500
P41240;H3BUM9	Tyrosine-protein kinase CSK	CSK	841360	272990	153700	797080	260090	248390	285600
P41250;H7C443	Glycine--tRNA ligase	GARS	4176600	2775500	37533	5728700	769330	367280	2848100
P41252;J3KR24;Q5TCC4;Q5TCD1;Q5TCC5;Q5TCD2;Q5TCC9;Q5TCC6	Isoleucine--tRNA ligase, cytoplasmic	IARS	1481000	941090	0	2129300	1246700	1180100	735850

P41743	Protein kinase C iota type	PRKCI	0	0	0	0	0	1127300	835540
P42126-2;P42126;Q96DC0;H3BS70	Enoyl-CoA delta isomerase 1, mitochondrial	ECI1;DCI	2401900	1020800	0	3428500	158830	977250	1203000
P42166;P42167-3;P42167-2	Lamina-associated polypeptide 2, isoform alpha;Thymopoietin;Thymopentin	TMPO	4879600	1448800	0	5177900	532950	2404300	1365900
P42285;H0Y8U3;H0YAC4;D6REC7	Superkiller viralicidic activity 2-like 2	SKIV2L2	3573800	9943500	1205300	4741000	3071500	7872800	8352500
P42566-2;P42566	Epidermal growth factor receptor substrate 15	EPS15	0	0	0	274150	0	0	193310
P42677;Q5T4L4;C9J1C5	40S ribosomal protein S27	RPS27	355590000	405720000	1659600	58759000	419610000	10183000	40436000
P42696;A2A2V2;P42696-2;Q5TCT4	RNA-binding protein 34	RBM34	572930	0	0	0	1345100	0	0
P42704;B8ZZ38;C9JCA9;Q9NP80-3;Q9NP80-2;Q9NP80	Leucine-rich PPR motif-containing protein, mitochondrial	LRPPRC	6020100	2693800	578630	7024600	1781000	2038300	4283400
P42766;F2Z388;REV__Q9P209	60S ribosomal protein L35	RPL35	456290000	532230000	959590	137010000	714550000	2948100	53718000
P43034;I3L3N5;P43034-2	Platelet-activating factor acetylhydrolase IB subunit alpha	PAFAH1B1	337880	0	0	185500	105850	0	380810
P43246;V9H019;E9PHA6;P43246-2;A0A087X1E7;A0A087X078;V9H015;V9H0B2;C9J809	DNA mismatch repair protein Msh2	MSH2	521780	970670	0	2203900	174850	1161700	561480
P43487-2;P43487;F6WQW2;C9JXG8;C9JJ34;C9JDM3;C9JGV6;C9JIC6;Q5T0Z6;Q9C010;Q9C010-2	Ran-specific GTPase-activating protein	RANBP1	25942000	13172000	4725900	30511000	7564900	14944000	14215000
P43490;C9JF35;C9JG65	Nicotinamide phosphoribosyltransferase	NAMPT	1393000	363490	0	1148700	0	0	339420
P43686;P43686-2	26S protease regulatory subunit 6B	PSMC4	1116400000	1436800000	786300000	2140700000	1291500000	2063300000	1319800000
P43897;C9JT21;P43897-2;C9JG32;F8VPA7;F8VS27;P43897-4;F8WCK2;P43897-3	Elongation factor Ts, mitochondrial;Elongation factor Ts	TSFM	1338800	1591000	0	1867400	217310	183080	472930
P45877	Peptidyl-prolyl cis-trans isomerase C	PPIC	0	0	5060000	0	293770	0	0
P45880-2;P45880;P45880-1;Q5JSD2;Q5JSD1;A2A3S1	Voltage-dependent anion-selective channel protein 2	VDAC2	338980	1402000	0	0	280410	0	515550
P45954-2;P45954	Short/branched chain specific acyl-CoA dehydrogenase, mitochondrial	ACADSB	167890	0	0	162070	0	95223	159150
P45974-2;P45974;F5H571	Ubiquitin carboxyl-terminal hydrolase 5	USP5	682980	228420	0	1071800	0	729810	1038700
P46060;H0Y4Q3;B0QYT5;B0QYT4;B0QYT6	Ran GTPase-activating protein 1	RANGAP1	9296200	6805700	754030	4688300	1048900	1222600	3468000
P46063;F5H2L2;F8WA66;F8WD97	ATP-dependent DNA helicase Q1	RECQL	92271	251420	0	0	0	0	0
P46109	Crk-like protein	CRKL	435980	0	0	1519300	0	0	475750
P46379-2;P46379;P46379-3;P46379-5;P46379-4;X6REW1;F6S6P2;F6UR09;F6U1F2;F6XTU0;H0Y710;F6RG75;F6WML8;F6VEM6;F6X9W3;F6U341;H0Y4L1;F6TC96;H0Y7K4;K7EKW3;H0Y759;H0Y583;E7ESS3;O95164;Q71RG4-2;Q71RG4	Large proline-rich protein BAG6	BAG6	0	704550	0	34876000	10810000	13854000	16611000
X6RJS7;P46736-2;P46736-3;P46736;A0A087WZR3;H9KVA9;P46736-4;P46736-5	Lys-63-specific deubiquitinase BRCC36	BRCC3	0	0	0	1042700	0	0	0
P46776;E9PLL6;E9PJD9;E9PLX7;H0YF34	60S ribosomal protein L27a	RPL27A	520170000	654520000	536190	89440000	390480000	5197800	46829000
P46777;Q5T7N0;R4GNJ2	60S ribosomal protein L5	RPL5	676270000	672740000	36135000	334430000	651190000	96047000	255290000
P46778;M0R181;G3V1B3	60S ribosomal protein L21	RPL21	290280000	366300000	0	27629000	221320000	7187500	18474000
P46779;H0YKD8;P46779-2;P46779-3;H0YMF4;P46779-4;P46779-5;H0YLP6	60S ribosomal protein L28	RPL28	432350000	428950000	658300	55802000	394230000	4856300	29448000
P46781;B5MCT8;C9JM19;F2Z3C0;A8MXK4	40S ribosomal protein S9	RPS9	559920000	650850000	34042	102250000	367440000	1785700	51355000
P46783;F6U211;S4R435;Q9NQ39	40S ribosomal protein S10;Putative 40S ribosomal protein S10-like	RPS10;RPS10-NUDT3;RPS10P5	270000000	305390000	724440	58675000	237610000	4821700	42400000
P46821;D6RA32;D6RA40;D6RCL2;D6RGJ3	Microtubule-associated protein 1B;MAP1B heavy chain;MAP1 light chain LC1	MAP1B	133220	37362	56174	339040	44903	493440	515180
P46926-2;P46926;D6RAY7;D6R9P4;D6RFF8	Glucosamine-6-phosphate isomerase 1;Glucosamine-6-phosphate isomerase	GNPDA1	278870	244760	0	0	0	0	455960
P46940;H0YLE8;A0A087X225;A0A087WWP1;F2Z2E2;Q86VI3	Ras GTPase-activating-like protein IQGAP1	IQGAP1	1563400	0	0	0	0	0	20806
P46977;E9PN73;E9PI32;P46977-2	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit STT3A	STT3A	0	0	0	210910	276970	0	0
P47755;F8W9N7;C9JUG7;P47755-2	F-actin-capping protein subunit alpha-2	CAPZA2	7719600	3041400	212830	2174800	546670	2050800	799560
P47756-2;B1AK87;B1AK88;P47756;B1AK85	F-actin-capping protein subunit beta	CAPZB	80428000	26049000	14688000	53956000	25952000	26444000	36961000
P47813;A6NJH9;O14602;X6RAC9	Eukaryotic translation initiation factor 1A, X-chromosomal;Eukaryotic translation initiation factor 1A, Y-chromosomal	EIF1AX;EIF1AY	83217000	68238000	55558000	123180000	73762000	99422000	52976000
P47897-2;P47897;H7C0R3;C9J165;C9JSG9;F2Z2V6	Glutamine--tRNA ligase	QARS	1268800	1278800	144660	4515700	1477500	1931700	1654400
P47914	60S ribosomal protein L29	RPL29	391850000	521010000	0	63458000	579820000	7044700	6684800
P48163-2;P48163	NADP-dependent malic enzyme	ME1	0	0	0	506330	43378	0	0
P48426;P48426-2;Q5JUT3;H7BXS3	Phosphatidylinositol 5-phosphate 4-kinase type-2 alpha	PIP4K2A	369150	215540	661390	1553100	498460	932600	1055800
R4GMR5;P48556;K7EJR3;K7EJC1;K7ERW6;K7ENY6	26S proteasome non-ATPase regulatory subunit 8	PSMD8	755230000	901520000	422240000	1179400000	684140000	1024200000	922410000
P48634-3;P48634;P48634-2;P48634-4;Q5JSZ5-5;Q5JSZ5	Protein PRRC2A	PRRC2A	123610	36251	0	29899	32008	0	31767
P48637;P48637-2	Glutathione synthetase	GSS	259730	560690	0	861950	0	0	0
P48643;B7ZAR1;E9PCA1;E7ENZ3;P48643-2;D6RIZ7;H0Y914	T-complex protein 1 subunit epsilon	CCT5	25813000	25218000	11223000	43764000	16382000	33028000	20934000
P48729-3;P48729;P48729-2;U3KQ83;U3KPX3;H0Y9X2;U3KQK7;D6REM4;E7ETM0;E5RG27;D6RGE5;Q8N752	Casein kinase I isoform alpha	CSNK1A1	628540	882440	0	258090	0	655760	0
P48735-2;P48735;H0YL11	Isocitrate dehydrogenase [NADP], mitochondrial	IDH2	329340	203680	0	617340	0	182120	206640
P48739;P48739-2;P48739-3;B3KYB6;B3KYB7;I3L4C0;I3L459;I3L4H1;F5GWE5;Q00169;I3L3W1;I3L2X8;I3L471;I3L4U7	Phosphatidylinositol transfer protein beta isoform	PITPNB	681590	0	0	2782800	185060	506030	1348500
P49006	MARCKS-related protein	MARCKSL1	30321000	14848000	677340	23495000	14765000	13081000	20490000
P49189;P49189-2	4-trimethylaminobutyraldehyde dehydrogenase	ALDH9A1	2540400	2520100	0	4471300	342210	199230	811450
P49207	60S ribosomal protein L34	RPL34	558130000	533270000	368490	74222000	427310000	6999700	55734000
P49321;P49321-3;P49321-4;P49321-2;Q5T624;E9PPR5;E9PI86;E9PRH9;H0YF33;H0YDS9;E9PPQ8;E9PNB5;E9PQG5;E9PAU3;E9PKR5	Nuclear autoantigenic sperm protein	NASP	11159000	7561300	0	11552000	2791500	3736900	6320500
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	8603000	8544000	554210	12616000	3169000	4152900	5441800
P49368;P49368-2;B4DUR8;E9PRC8;Q5SZX6;E9PQ35;Q5SZW8;E9PM09;Q5SZX9	T-complex protein 1 subunit gamma	CCT3	46527000	41346000	19138000	74724000	27119000	53167000	41380000
P49411;H3BNU3	Elongation factor Tu, mitochondrial	TUFM	10691000	4802600	0	7007300	680050	528540	3779300
P49419-2;P49419;F8VS02;P49419-4;P49419-3;H0YHM6;F8VVF2	Alpha-aminoadipic semialdehyde dehydrogenase	ALDH7A1	2502300	339470	0	3380700	0	175470	919640
P49427	Ubiquitin-conjugating enzyme E2 R1	CDC34	491330	0	0	0	0	0	530330
P49458;E9PE20;P49458-2	Signal recognition particle 9 kDa protein	SRP9	6340300	4025000	0	9148300	3601100	1331100	4148200
P49588;P49588-2;H3BPK7	Alanine--tRNA ligase, cytoplasmic	AARS	1488600	1180900	15623	1547200	58504	454580	1390900
P49590-2;P49590;B4DQ67;D6RJE6	Probable histidine--tRNA ligase, mitochondrial	HARS2	1318600	425340	0	437930	590670	79753	168760
Q5T5C7;P49591	Serine--tRNA ligase, cytoplasmic	SARS	8013700	1744600	132910	5539300	447790	438680	3534000
P49643	DNA primase large subunit	PRIM2	110830	0	0	0	0	0	0
P49674;H0Y5S9;H0Y682;H0Y645;B0QY35;B0QY34;H7BYT1;P48730-2;P48730	Casein kinase I isoform epsilon;Casein kinase I isoform delta	CSNK1E;CSNK1D	0	1131300	87054	0	298600	0	0
P49720;A0A087WXQ8;A0A087WY10	Proteasome subunit beta type-3	PSMB3	3485000000	6026600000	5381300000	3300000000	2991000000	3690500000	2451000000
P49736;H0Y8E6	DNA replication licensing factor MCM2	MCM2	1458300	139530	0	1922300	153450	572620	516160
P49755;G3V2K7	Transmembrane emp24 domain-containing protein 10	TMED10	206240	349710	0	601350	0	0	98806
P49756;E9PQU5;P49756-2;P49756-3;E9PSE8;P49756-4	RNA-binding protein 25	RBM25	1081300	2127800	375750	1449100	1101300	1517000	0
P49770;H0YJJ8;G3V5E5	Translation initiation factor eIF-2B subunit beta	EIF2B2	368270	200650	0	1013000	165180	0	474430
P49773;D6RC06;D6REP8;D6RE99;D6RD60	Histidine triad nucleotide-binding protein 1	HINT1	14653000	15858000	1023700	16006000	531420	1351700	8985300
P49792;F8VYC4;P0DJD0;P0DJD1;F8WBP7;C9J1W9;C9JF75;C9J6W1;Q7Z3J3-2;Q05823-2;Q05823	E3 SUMO-protein ligase RanBP2	RANBP2	787640	1030500	181000	21228	0	6080.7	0
P49841;P49841-2	Glycogen synthase kinase-3 beta	GSK3B	140120	175660	0	0	0	186320	151880
P49903-2;P49903;Q5T5U6;P49903-4;P49903-3	Selenide, water dikinase 1	SEPHS1	400320	609370	0	1757600	354550	0	329620
P49914-2;P49914	5-formyltetrahydrofolate cyclo-ligase	MTHFS	0	276410	0	368620	0	0	207300
P49915-2;P49915	GMP synthase [glutamine-hydrolyzing]	GMPS	3196800	2242700	0	5177300	224320	0	3086300
P49916-2;P49916	DNA ligase 3	LIG3	47648	0	0	0	0	0	0
P50151;Q9H1X3-3	Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-10	GNG10	717290	0	0	0	0	0	0
P50395;P50395-2;Q5SX87;V9GYJ7;V9GYF8;Q5SX90;Q5SX86;Q5SX91	Rab GDP dissociation inhibitor beta	GDI2	14888000	11215000	0	10275000	1697300	2960300	7312600
P50402;Q5HY57	Emerin	EMD	2553400	1415200	0	3827300	885210	974550	1835000
P50502;H7C3I1;Q3KNR6;A0A087X1H6;Q8NFI4;F6VDH7;Q8IZP2;F8WAQ7	Hsc70-interacting protein;Putative protein FAM10A5;Putative protein FAM10A4	ST13;ST13P5;ST13P4	20049000	10610000	178850	26618000	4800900	7437500	9620500
P50570-3;P50570-2;P50570-5;P50570-4;P50570;K7EMQ3;Q05193-5;Q05193-3;Q05193-4;Q05193-2;Q05193	Dynamin-2;Dynamin-1	DNM2;DNM1	127580	81118	0	0	0	0	0
P50750;P50750-2;X6RE90;H0YAZ9;Q9BVE2;E7EUK8;E5RGN0;A0A087X209;A0A087WZU2;Q00534;Q96Q40-2;Q96Q40-4;Q96Q40-3;O94921-3;Q96Q40-5;Q96Q40;O94921-2;O94921;Q07002;Q07002-2;Q00536;Q00536-3;Q07002-3;Q00536-2;Q14004-2;Q14004	Cyclin-dependent kinase 9	CDK9	2276500	1402400	0	836350	769250	604630	400190
P50990;P50990-2;P50990-3;H7C4C8;H7C2U0	T-complex protein 1 subunit theta	CCT8	48667000	52210000	21873000	79008000	36178000	46747000	46510000
P50991;P50991-2	T-complex protein 1 subunit delta	CCT4	25023000	31209000	13739000	59629000	27223000	26403000	30465000
P50995-2;P50995;H0Y6E1	Annexin A11	ANXA11	1523800	0	0	1167800	0	0	389470
P51114;B4DXZ6;P51114-2;E9PFF5;P51114-3;E7EU85;C9JAJ4;C9JZE0;C9JY20;H7C4S4;C9JYQ6;C9J5B4;C9IZ22	Fragile X mental retardation syndrome-related protein 1	FXR1	11271000	15153000	352580	4962800	15085000	2149900	3779000
P51116;I3L1Z2	Fragile X mental retardation syndrome-related protein 2	FXR2	4333500	4689100	0	471190	1964600	187320	145980
P51148;P51148-2;F8VWU4;F8VVZ0;F8VUA5;F8VVK3;K7ERI8;K7ERQ8;P61020-2;P20339-2;P61020;P20339;K7EIP6;F8WCY6;F8WD79;F8VPW9;F8VSF8;F8VWZ7;K7ENY4	Ras-related protein Rab-5C;Ras-related protein Rab-5B;Ras-related protein Rab-5A	RAB5C;RAB5B;RAB5A	2323400	1421300	0	1108500	0	0	476520
P51149;C9J592;C9J8S3;C9J4S4;C9IZZ0;C9J4V0;C9J7D1	Ras-related protein Rab-7a	RAB7A	1225700	842570	0	562510	0	0	289710
V9GYJ9;V9GYL9;P51398-2;P51398-3;P51398;V9GYC9;V9GYW1;V9GY11;V9GYA7;V9GZ03	28S ribosomal protein S29, mitochondrial	DAP3	0	0	0	1939900	0	0	315530
P51532-5;P51532-2;P51532-3;P51532-4;P51532;P51531-2;P51531	Transcription activator BRG1	SMARCA4	33748	76389	0	75042	0	0	18809
P51570;P51570-2;K7EII7	Galactokinase	GALK1	198270	314100	0	468380	0	0	156240
P51571;A6NLM8	Translocon-associated protein subunit delta	SSR4	1488800	6413500	287600	17811000	4719200	7906200	9168200
P51572;P51572-2;C9JMD7;C9JSP1;C9JQ75;C9J0M4;C9JM14	B-cell receptor-associated protein 31	BCAP31	1446800	559870	0	3031900	385040	681650	2074800
P51665;H3BNT7;H3BTM8;H3BQV2	26S proteasome non-ATPase regulatory subunit 7	PSMD7	743980000	962310000	376280000	1578100000	623470000	774880000	817280000
P51858;P51858-2;P51858-3	Hepatoma-derived growth factor	HDGF	7412500	4572800	499520	5525400	252020	1048600	2499400
P51970	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 8	NDUFA8	289000	0	0	362110	0	0	0
P51991;H7C1J8	Heterogeneous nuclear ribonucleoprotein A3	HNRNPA3	43981000	30170000	1990300	22104000	19972000	14820000	16128000
P51991-2	Heterogeneous nuclear ribonucleoprotein A3	HNRNPA3	0	0	0	815820	240650	885630	586270
P52209-2;P52209;K7EM49;K7EMN2;K7EPF6;K7ELN9	6-phosphogluconate dehydrogenase, decarboxylating	PGD	6989400	3748200	1232900	7918200	628400	915310	2601400
P52272-2;P52272;A0A087X0X3;M0R2T0;M0R019;M0R2I7;M0R0N3;M0QYQ7;M0R0Y6;M0QY96	Heterogeneous nuclear ribonucleoprotein M	HNRNPM	35510000	66617000	2155000	10617000	55166000	4983000	7653600
P52292;J3QLL0;J3KS65;J3QL07	Importin subunit alpha-1	KPNA2	89728000	54713000	7094500	115130000	36532000	38933000	54025000
P52294;C9JYI4;C9J352;C9JWD9;F2Z3G4;C9J4U1;H0Y3K0;Q5TD90	Importin subunit alpha-5;Importin subunit alpha-5, N-terminally processed	KPNA1	11380000	9309500	2175900	13518000	2753500	5639400	7769400
P52298;C9JQX9;B3KSB0;P52298-3;P52298-2;F8WE41;A6PVI3	Nuclear cap-binding protein subunit 2	NCBP2	1480100	12457000	360430	5684900	684150	2806800	2504300
P52306-6;P52306-2;P52306-3;P52306-4;P52306;P52306-5;D6RBC6;D6REZ0;D6RB97	Rap1 GTPase-GDP dissociation stimulator 1	RAP1GDS1	94476	381620	0	111140	0	0	222680
P52597	Heterogeneous nuclear ribonucleoprotein F;Heterogeneous nuclear ribonucleoprotein F, N-terminally processed	HNRNPF	92437000	58943000	21131000	76120000	31243000	39497000	39831000
P52657;H0YK39;A8MYR4;REV__Q6UB99	Transcription initiation factor IIA subunit 2	GTF2A2	524180	0	3350200	5222200	1891000	7204000	6691800
P52701;P52701-2;A0A087WWJ1;P52701-3;P52701-4;F8WAX8;U3KQ72;C9JH55;F8W7G9;C9J8Y8;REV__Q6ZP68;C9J7Y7;A0A087WYT6	DNA mismatch repair protein Msh6	MSH6	361100	246210	0	790810	127390	175220	378810
P52888;K7EP46;K7EIK4;K7EKB6;K7EL32;K7EL02;P52888-2	Thimet oligopeptidase	THOP1	282900	0	0	257170	0	0	77855
P52907	F-actin-capping protein subunit alpha-1	CAPZA1	36481000	5291500	56998000	13447000	9421200	16226000	8723000
P52948-6;P52948-5;P52948;P52948-2;H7C3P6;P52948-4;P52948-3;H0YCT1;H0YDF4	Nuclear pore complex protein Nup98-Nup96;Nuclear pore complex protein Nup98;Nuclear pore complex protein Nup96	NUP98	1411900	624910	86019	0	29446	0	32817
P53396-2;P53396;P53396-3;K7ESG8;K7EIE7	ATP-citrate synthase	ACLY	5052800	3792000	6602000	6118900	2483800	3525500	4453000
P53582;H0Y955	Methionine aminopeptidase 1	METAP1	0	1241000	0	0	447350	0	0
P53597	Succinyl-CoA ligase [ADP/GDP-forming] subunit alpha, mitochondrial	SUCLG1	2008000	1729600	0	2411700	330050	610350	473240
Q5T4U8;P53611	Geranylgeranyl transferase type-2 subunit beta	RABGGTB	1174000	664830	0	836850	0	0	1611900
P53618;E9PP73	Coatomer subunit beta	COPB1	556740	71449	0	0	0	0	0
P53621;P53621-2	Coatomer subunit alpha;Xenin;Proxenin	COPA	1114100	400790	0	567010	0	63923	523980
Q5T8R3;Q5T8R5;P53985-2;P53985	Monocarboxylate transporter 1	SLC16A1	0	1297700	0	1863200	0	0	0
P53992;G5EA31;P53992-2	Protein transport protein Sec24C	SEC24C	818480	69148	87738	251480	0	506910	413980
P54136;P54136-2;E5RJM9;E5RH09;E5RI24	Arginine--tRNA ligase, cytoplasmic	RARS	3775700	590320	0	2763500	312970	663190	1212300
P54289-4;P54289-5;P54289-3;P54289-2;P54289	Voltage-dependent calcium channel subunit alpha-2/delta-1;Voltage-dependent calcium channel subunit alpha-2-1;Voltage-dependent calcium channel subunit delta-1	CACNA2D1	116430	0	0	0	0	0	0
P54577	Tyrosine--tRNA ligase, cytoplasmic;Tyrosine--tRNA ligase, cytoplasmic, N-terminally processed	YARS	6440700	3717500	740230	7693400	1152000	2418900	4621200
P54578-2;P54578;A6NJA2;B7Z4N8;J3QQT6;J3KS55;H0YA47	Ubiquitin carboxyl-terminal hydrolase 14;Ubiquitin carboxyl-terminal hydrolase	USP14	6244700	2376500	3388700	56767000	12982000	52038000	33494000
P54652	Heat shock-related 70 kDa protein 2	HSPA2	835350	1815400	1358800	4123200	660360	1778600	3808800
P54725-2;P54725-3;P54725;K7ENJ0;K7ELW1;K7EQ16	UV excision repair protein RAD23 homolog A	RAD23A	3507500	2830000	0	28219000	15832000	20326000	18115000
P54727;Q5W0S5;P54727-2;Q5W0S4;H0Y579	UV excision repair protein RAD23 homolog B	RAD23B	63616000	36203000	19661000	227640000	181070000	268120000	185970000
P54886	Delta-1-pyrroline-5-carboxylate synthase;Glutamate 5-kinase;Gamma-glutamyl phosphate reductase	ALDH18A1	238370000	108920000	452360	20870000	14525000	5052100	8959800
P55010;H0YLZ1;H0YN40;H0YMJ8;H0YM54;H0YK11;H0YK29	Eukaryotic translation initiation factor 5	EIF5	2777400	0	0	3187700	421090	775310	851500
P55036;A6PVX3;H0Y3Y9;H0Y561	26S proteasome non-ATPase regulatory subunit 4	PSMD4	33805000	48728000	85421000	119640000	23005000	56520000	64353000
P55060-3;P55060;P55060-4;P55060-2	Exportin-2	CSE1L	2031900	2129900	0	4002400	85295	0	895890
P55072;C9IZA5;C9JUP7	Transitional endoplasmic reticulum ATPase	VCP	19742000	11130000	992260	66226000	16733000	32009000	39731000
P55145	Mesencephalic astrocyte-derived neurotrophic factor	MANF	2112700	1500100	474990	4639100	275070	2594500	703980
P55263-3;P55263;P55263-2;P55263-4	Adenosine kinase	ADK	720430	531350	0	681080	0	99657	1761700
P55265-5;P55265;P55265-4;H0YCK3;P55265-3;P55265-2	Double-stranded RNA-specific adenosine deaminase	ADAR	1610500	10297000	0	102850	5415100	0	0
P55735-2;P55735;P55735-3;A8MXL6;E7ERC8	Protein SEC13 homolog	SEC13	2610400	3553000	0	2133200	0	1740900	4118100
P55769;B1AHD1	NHP2-like protein 1;NHP2-like protein 1, N-terminally processed	NHP2L1	15175000	20801000	746530	21737000	8262700	12321000	9314600
P55795	Heterogeneous nuclear ribonucleoprotein H2	HNRNPH2	9821800	4090900	2411700	11676000	932630	1512500	4193900
P55884;P55884-2;C9JZG1;C9JQN7	Eukaryotic translation initiation factor 3 subunit B	EIF3B	6803000	6351500	515650	5248400	493720	1071400	2858000
P56192;P56192-2;H0YHV5;H0YIC2;H0YIP0;H0YHL6;H0YI94;H0YI27;F5H2V6	Methionine--tRNA ligase, cytoplasmic	MARS	1274400	407800	0	1331700	320290	938620	1038000
P56270-2;I3L2Z5;A0A087WWR2;P56270-3;P56270;H3BQI4;H3BQS2;I3L0M3;P56270-4;I3L4Y2;I3L411;H3BPU3;I3L0V8;Q9HBE1-4;Q9HBE1-2;Q9HBE1-3;Q9HBE1	Myc-associated zinc finger protein	MAZ	3178000	7791200	0	5655000	575480	437120	3230900
P56537;P56537-2;B7ZBH1;F8WD20;F8WDS6	Eukaryotic translation initiation factor 6	EIF6	131780000	115580000	1891200	85955000	62276000	21300000	67027000
Q5SQP8;P56545;P56545-2;A0A087WYL1	C-terminal-binding protein 2	CTBP2	1027300	957630	2390300	7302600	5160700	7783100	9400000
P57088;D6RAA6;J3KN43;D6RBY2;H0Y8N0	Transmembrane protein 33	TMEM33	179810	0	524750	0	0	0	0
P57740;P57740-2;P57740-3;G3V1T4	Nuclear pore complex protein Nup107	NUP107	455460	147200	0	0	0	0	0
P58107;A0A075B730;A0A087X1U6	Epiplakin	EPPK1	51514	15816	0	1060300	82525	25242	318770
P60174-1;P60174;P60174-4;U3KPZ0;U3KQF3;U3KPS5	Triosephosphate isomerase	TPI1	152580000	115550000	19209000	187770000	34821000	25240000	69358000
P60228;E5RGA2;H0YBR5;E5RIT4;H0YAW4;E5RHS5;E5RIP5;E5RJ25;E5RII3	Eukaryotic translation initiation factor 3 subunit E	EIF3E	5665600	3391100	827620	6275300	5791200	3565300	5198500
S4R3B5;P60468	Protein transport protein Sec61 subunit beta	SEC61B	19440000	14918000	1989800	0	10932000	4318300	7944600
P60604-2;P60604	Ubiquitin-conjugating enzyme E2 G2	UBE2G2	0	0	0	5771500	0	12166000	11300000
P60660-2;F8W1R7;G8JLA2;G3V1V0;P60660;J3KND3;B7Z6Z4;G3V1Y7;F8VPF3;F8VZU9;F8W180;F8VXL3;H0YI43	Myosin light polypeptide 6	MYL6	133100000	56737000	76001000	149680000	68357000	43222000	85054000
P60709;G5E9R0;E7EVS6;C9JZR7;C9JUM1;C9JTX5;F8WCH0	Actin, cytoplasmic 1;Actin, cytoplasmic 1, N-terminally processed	ACTB	33697000	1589600	1575600	4870300	8017100	19479000	17900000
P60842;J3KT12;P60842-2;J3QS69;J3KTB5;J3QL43;J3KSZ0;J3QR64;J3QLN6;J3KS25;J3QKZ9;J3KTN0;J3QL52;J3KT04;J3KS93;J3KSN7;J3QQP0;E7EMV8	Eukaryotic initiation factor 4A-I	EIF4A1	85336000	64543000	6838800	103240000	28773000	35577000	48265000
P60866;P60866-2;E5RJX2;E5RIP1;G3XAN0	40S ribosomal protein S20	RPS20	1041800000	1177800000	9260900	393890000	1112100000	56726000	227490000
P60891;B1ALA9;P60891-2	Ribose-phosphate pyrophosphokinase 1	PRPS1	4354600	2296800	0	6006000	917840	1093000	3421700
P60900;G3V295;G3V5Z7;P60900-2;G3V3I1;P60900-3;G3V3U4;G3V4S5;G3V2S7;H0YJC4	Proteasome subunit alpha type-6;Proteasome subunit alpha type	PSMA6	4955100000	8034000000	4476500000	5065000000	3951000000	3972600000	3604600000
P60953;Q5JYX0;P60953-1	Cell division control protein 42 homolog	CDC42	12009000	1386100	988210	5206200	0	0	3384600
P60981;F6RFD5;P60981-2	Destrin	DSTN	3535500	3324000	0	3066600	2071700	1291000	3668400
P61019;E9PE37;H7C125;H0YD31;E9PKL7;Q5HYI5;P61019-2;Q8WUD1	Ras-related protein Rab-2A;Ras-related protein Rab-2B	RAB2A;RAB2B;DKFZp313C1541	0	0	0	0	0	0	0
P61081;M0QX69;M0QYI6	NEDD8-conjugating enzyme Ubc12	UBE2M	8448000	6325000	0	11490000	893880	2380800	6882900
P61088;Q5JXB2;F8VQQ8;F8VSD4;F8VV71;F8VZ29	Ubiquitin-conjugating enzyme E2 N;Putative ubiquitin-conjugating enzyme E2 N-like	UBE2N;UBE2NL	14650000	13227000	0	20581000	4654200	3454700	7614800
P61158;B4DXW1;F8WDR7;Q9P1U1-2;Q9P1U1;Q9P1U1-3;F8WEW2;F8WE84;H7C4J1;C9IZN3;Q9C0K3	Actin-related protein 3	ACTR3	25773000	8796500	6244600	15660000	9187700	20490000	17096000
P61160;P61160-2;F5H6T1	Actin-related protein 2	ACTR2	33119000	5979600	3184400	14174000	130750000	11196000	11440000
R4GMT0;P61163;P42025	Alpha-centractin;Beta-centractin	ACTR1A;ACTR1B	807600	1008700	64970	623750	267360	0	1356600
P61201;P61201-2;B4DIH5;H0YKU5;H0YMC2;H0YCS3;E9PMC9;Q7Z589-2;Q7Z589-6;Q7Z589;Q7Z589-5;Q7Z589-4;Q7Z589-7	COP9 signalosome complex subunit 2	COPS2	550230	0	0	537920	0	0	513590
P61204-2;P84077;P61204;F5H423;F5H1V1;F5H6T5;F8WDB3;H0YGG7;F5H0C7;C9JPM4;C9J1Z8;P84085;P18085	ADP-ribosylation factor 3;ADP-ribosylation factor 1	ARF3;ARF1	10635000	4479600	0	7867600	927440	962650	5153200
P61221;D6R9I9;H0Y990;D6RGF4	ATP-binding cassette sub-family E member 1	ABCE1	1858400	441760	106450	1830700	0	649650	1402500
P61247;H0Y9Y4;D6RG13;D6RAT0;E9PFI5;H0Y8L7;D6RB09;D6R9B6;D6RI02;D6RAS7;D6RED7;D6RGE0	40S ribosomal protein S3a	RPS3A	560580000	845800000	11102000	136400000	726050000	22425000	98022000
P61254;J3KTJ8;J3QRI7;J3QQQ9;J3QQV1;J3QRC4;J3KS10;J3KSS0	60S ribosomal protein L26	RPL26	43424000	45390000	1225800	25545000	59412000	0	1959600
P61289;P61289-2;P61289-3;K9J957;K7ESG5;A0A087WTV2;K7ENH2;B7Z8D3;K7EJF8	Proteasome activator complex subunit 3	PSME3	638410000	1009900000	418650000	3937900000	3359600000	1929900000	1477600000
P61313;E7EQV9;E7ENU7;E7EX53;P61313-2;E7ERA2	60S ribosomal protein L15;Ribosomal protein L15	RPL15	258770000	349230000	0	34939000	237510000	6944400	18894000

P61353;K7ELC7;K7EQQ9;K7ERY7	60S ribosomal protein L27	RPL27	597000000	738200000	1318400	104910000	301750000	16906000	69856000
P61457	Pterin-4-alpha-carbinolamine dehydratase	PCBD1	0	0	0	2265100	0	0	0
P61586;Q5JR08;P08134;E9PLA2;C9J1T2;C9JRM1;Q5JR06;Q5JR07;E9PN11;C9JNR4;E9PQH6;C9JX21;Q5JR05;U3KQA9;U3KQV3	Transforming protein RhoA;Rho-related GTP-binding protein RhoC	RHOA;RHOC	11660000	2261100	0	2275300	1225600	1559200	2396800
P61604;B8ZZL8;B8ZZ54	10 kDa heat shock protein, mitochondrial	HSPE1	78553000	41665000	6061500	76255000	11517000	27736000	39887000
P61956-2;P61956;A8MUA9;A8MU27;Q6EEV6;P55854;P55854-2	Small ubiquitin-related modifier 2	SUMO2	33616000	45124000	12134000	55913000	35013000	15007000	24214000
P61962;A0A087WWI6;P61962-2	DDB1- and CUL4-associated factor 7	DCAF7	2562000	7806100	1770200	7930200	10616000	5885900	8359300
P61964;V9GZ59;V9GYQ5	WD repeat-containing protein 5	WDR5	3417600	1168000	0	1268100	0	0	0
P61970;H3BRV9	Nuclear transport factor 2	NUTF2	30837000	3253400	11965000	140190000	9748500	6900900	34618000
P61978-2;P61978;Q5T6W1;S4R457;S4R359	Heterogeneous nuclear ribonucleoprotein K	HNRNPK	146900000	113220000	22151000	197210000	98495000	81222000	92650000
P61978-3;Q5T6W5;Q5T6W2	Heterogeneous nuclear ribonucleoprotein K	HNRNPK	5449600	3126800	0	3642600	1113300	236470	1237700
P61981	14-3-3 protein gamma;14-3-3 protein gamma, N-terminally processed	YWHAG	20166000	18196000	2817400	38603000	14354000	43675000	31347000
P62081;B5MCP9	40S ribosomal protein S7	RPS7	372660000	363120000	1677800	102450000	272720000	8603700	50570000
P62136;P62136-2;P62136-3;E9PMD7;H0Y3Y6;F8W1A0;F5H1L6;F5H037	Serine/threonine-protein phosphatase PP1-alpha catalytic subunit;Serine/threonine-protein phosphatase	PPP1CA	636140	168580	0	918800	0	3317600	1151000
P62140;E7ETD8;C9J9S3;C9JP48	Serine/threonine-protein phosphatase PP1-beta catalytic subunit;Serine/threonine-protein phosphatase	PPP1CB	26622000	8748400	4740800	17693000	6987100	12850000	13988000
P62166;P62166-2	Neuronal calcium sensor 1	NCS1	1510600	0	0	0	0	0	0
P62191	26S protease regulatory subunit 4	PSMC1	1245400000	1537100000	1136700000	2265600000	1491400000	1799400000	1196300000
P62191-2	26S protease regulatory subunit 4	PSMC1	2042000	3469600	0	5497700	0	3966400	2079100
P62195;J3QQM1;J3QSE0;J3QRW1;J3KTQ9	26S protease regulatory subunit 8	PSMC5	1190600000	1521600000	1067700000	1961800000	1537000000	2006400000	1476000000
P62241;Q5JR95	40S ribosomal protein S8	RPS8	477660000	676440000	320190	102920000	303390000	5539900	66188000
P62249;M0R210;M0R3H0;M0R1M5;A0A087WZ27;Q6IPX4;M0QX76	40S ribosomal protein S16	RPS16;ZNF90	590190000	649870000	10665000	228760000	590110000	37789000	123340000
P62258;P62258-2;B4DJF2;I3L3T1;K7EIT4;K7EM20;I3L0W5	14-3-3 protein epsilon	YWHAE	201520000	115070000	51607000	245810000	102230000	206520000	227970000
P62263;H0YB22;E5RH77	40S ribosomal protein S14	RPS14	719660000	580860000	2595500	103930000	778440000	3778200	47010000
P62266;D6RD47;D6RDJ2;D6RIX0;D6R9I7	40S ribosomal protein S23	RPS23	336180000	306370000	899650	86737000	345990000	6909800	50611000
P62269;J3JS69	40S ribosomal protein S18	RPS18	658360000	857630000	12328000	306120000	795840000	58382000	183820000
P62273;A0A087WTT6;P62273-2	40S ribosomal protein S29	RPS29	142450000	250690000	0	42316000	133750000	4384300	37014000
P62277;J3KMX5;E9PS50	40S ribosomal protein S13	RPS13	446820000	478230000	934660	93223000	218160000	12467000	50259000
P62280;M0QZC5;M0R1H6;M0R1H5	40S ribosomal protein S11	RPS11	509240000	664190000	3342700	111610000	619030000	11541000	81694000
P62304;A6NHK2	Small nuclear ribonucleoprotein E	SNRPE	30553000	24711000	0	13909000	37372000	272510	10660000
P62306;F8W0W6	Small nuclear ribonucleoprotein F	SNRPF	82683000	103840000	4263200	41784000	52430000	15755000	24536000
P62310;REV__Q9Y4P9	U6 snRNA-associated Sm-like protein LSm3	LSM3	5494200	14251000	0	15247000	1760800	12193000	2173900
P62312	U6 snRNA-associated Sm-like protein LSm6	LSM6	8219400	7327200	3466000	0	1995900	7467100	1349900
P62314;J3QLI9;J3QLR7	Small nuclear ribonucleoprotein Sm D1	SNRPD1	42976000	66144000	0	18191000	35751000	2185600	8805400
P62316;K7EJB5;K7ERG4	Small nuclear ribonucleoprotein Sm D2	SNRPD2	38491000	40259000	4835000	7853300	50753000	6951300	10236000
P62316-2	Small nuclear ribonucleoprotein Sm D2	SNRPD2	155290000	102430000	7705500	33840000	130660000	14733000	20520000
P62318-2;P62318;H3BT13	Small nuclear ribonucleoprotein Sm D3	SNRPD3	110360000	143150000	1737000	35143000	69539000	8766800	32696000
P62424;Q5T8U3;Q5T8U2	60S ribosomal protein L7a	RPL7A	699040000	855620000	0	92173000	519400000	9477700	57736000
P62487;E9PIU7;H0YEE4;E9PKH3	DNA-directed RNA polymerase II subunit RPB7	POLR2G	3961700	372100	214410	8487800	2777200	352810	6723100
P62495;B7Z7P8;P62495-2;I3L492;D6RCB3;D6RJE8	Eukaryotic peptide chain release factor subunit 1	ETF1	2329400	2427600	0	2368600	0	598740	1447400
P62633-2;P62633;P62633-7;P62633-3;P62633-5;P62633-6;D6RAT4	Cellular nucleic acid-binding protein	CNBP	29786000	13818000	1866500	31787000	11945000	9307800	23429000
P62633-8;P62633-4	Cellular nucleic acid-binding protein	CNBP	550540	0	0	331400	0	0	365870
P62699	Protein yippee-like 5	YPEL5	0	0	0	252140	338170	803940	394890
P62701;A6NH36;Q8TD47;C9JEH7;P22090	40S ribosomal protein S4, X isoform	RPS4X	425100000	717710000	1488100	123450000	544330000	24863000	96851000
P62753;A2A3R7	40S ribosomal protein S6	RPS6	413750000	536030000	167730	63115000	438840000	2694900	31944000
P62805	Histone H4	HIST1H4A	220390000	407060000	4070000	51313000	167210000	14325000	29717000
P62829;C9JD32;J3KT29;B9ZVP7;J3KTJ3;J3QQT9	60S ribosomal protein L23	RPL23	246630000	151180000	0	28452000	99795000	3838700	12857000
P62851	40S ribosomal protein S25	RPS25	785350000	726280000	578950	259630000	602190000	12573000	149070000
P62854;Q5JNZ5	40S ribosomal protein S26;Putative 40S ribosomal protein S26-like 1	RPS26;RPS26P11	316380000	360260000	8197000	59630000	740660000	11608000	58570000
P62857	40S ribosomal protein S28	RPS28	317800000	232370000	2095100	78514000	674760000	12953000	82018000
P62873;P62873-2;F6UT28;B1AKQ8;F6X3N5;B3KVK2;F5H8J8;F5H100;F5H0S8;E9PCP0;P16520-2;P16520	Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-1	GNB1	21932000	1546500	0	2918300	1412800	0	523180
P62875	DNA-directed RNA polymerases I, II, and III subunit RPABC5	POLR2L	3950900	3012900	0	7978000	1227500	3204300	0
P62877	E3 ubiquitin-protein ligase RBX1;E3 ubiquitin-protein ligase RBX1, N-terminally processed	RBX1	11254000	8796000	5909600	10050000	7809800	1623300	2460000
P62879;C9JIS1;C9JXA5;C9JZN1;E7EP32;P62879-2;C9JD14	Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-2	GNB2	37386000	964110	0	4483100	2960000	1334300	5272400
P62888;E5RI99;E5RJH3	60S ribosomal protein L30	RPL30	309100000	316380000	1770200	37867000	212010000	10933000	35260000
Q59GN2;P62891	Putative 60S ribosomal protein L39-like 5;60S ribosomal protein L39	RPL39P5;RPL39	163570000	171500000	0	0	31390000	0	7827900
P62899;H7C2W9;C9JU56;B7Z4E3;B7Z4C8;P62899-3;P62899-2;B8ZZK4	60S ribosomal protein L31	RPL31	458990000	296710000	0	127320000	430620000	18707000	57654000
P62906	60S ribosomal protein L10a	RPL10A	275870000	342120000	4060400	65445000	298140000	12060000	36621000
P62913;Q5VVC8;Q5VVC9	60S ribosomal protein L11	RPL11	485760000	413840000	13557000	100170000	429590000	22774000	91787000
P62913-2	60S ribosomal protein L11	RPL11	3746700	5553300	0	0	9062100	0	1014200
P62917;E9PKZ0;G3V1A1;E9PKU4;E9PP36	60S ribosomal protein L8	RPL8	271000000	377250000	207250	88574000	246470000	21537000	30121000
P62937;F8WE65;C9J5S7;P62937-2;A0A075B767;A0A075B759;Q9Y536;F5H284;E5RIZ5;A2BFH1	Peptidyl-prolyl cis-trans isomerase A;Peptidyl-prolyl cis-trans isomerase A, N-terminally processed;Peptidyl-prolyl cis-trans isomerase	PPIA	96310000	67370000	16597000	99283000	14296000	22763000	61923000
P62979	Ubiquitin-40S ribosomal protein S27a;Ubiquitin;40S ribosomal protein S27a	RPS27A	987170000	899910000	326850000	2532700000	1184300000	1744200000	1663100000
P62987;J3QTR3;F5H6Q2;F5GYU3;F5H2Z3;F5H265;B4DV12;F5H388;F5H747;J3QKN0;Q5PY61;Q96C32;P0CG47;P0CG48;M0R1V7;A0A087WV77;F5GZ39;M0R2S1;J3QLP7;J3QRK5;M0R1M6;J3QSA3;K7EMA8;J3KSM	Ubiquitin-60S ribosomal protein L40;Ubiquitin;60S ribosomal protein L40;Polyubiquitin-B;Ubiquitin;Polyubiquitin-C;Ubiquitin	UBA52;RPS27A;UBC;UBB;UBBP4	2770400	0	0	0	0	0	0
P62993;J3KT38;P62993-2;J3QRL5;J3QLF6	Growth factor receptor-bound protein 2	GRB2	1628800	0	1739900	2373100	0	1945100	4039300
P63000;P63000-2;B1AH78;P60763;P15153;B1AH77;B1AH80;F8WET9;B1AH79;J3KSC4;J3QLK0;G3V4H1;G3V476;P84095;Q9H4E5-2;P17081;Q9H4E5	Ras-related C3 botulinum toxin substrate 1;Ras-related C3 botulinum toxin substrate 3;Ras-related C3 botulinum toxin substrate 2	RAC1;RAC2;RAC3	10946000	2762600	0	7119200	1334200	0	5698900
P63010;P63010-2;P63010-3;A0A087X253;A0A087WU93;A0A087WZQ6;A0A087WYD1	AP-2 complex subunit beta	AP2B1	328180	0	0	171930	0	0	0
P63092-3;P63092-2;P63092;P63092-4;Q5JWF2-2;Q5JWF2;S4R3E3;H0Y7F4;Q5JWE9;S4R3V9	Guanine nucleotide-binding protein G(s) subunit alpha isoforms short;Guanine nucleotide-binding protein G(s) subunit alpha isoforms XLas	GNAS	4660500	619810	343180	11349000	4023800	5656500	10020000
P63096;P63096-2;C9JPP4;C9JL77	Guanine nucleotide-binding protein G(i) subunit alpha-1	GNAI1	3795600	0	0	158050	0	0	160070
P63104;E7EX29;B0AZS6;P63104-2;B7Z2E6;H0YB80;E7ESK7;E9PD24;E7EVZ2;E5RIR4;E5RGE1;REV__P53355-4;REV__P53355;REV__P53355-3	14-3-3 protein zeta/delta	YWHAZ	105510000	57362000	17351000	131410000	46370000	61709000	71531000
P63151;P63151-2;E5RIY1;E5RFR9;Q66LE6;Q9Y2T4-3;Q00005-6;Q9Y2T4-4;Q00005;Q00005-2;Q9Y2T4-2;Q9Y2T4;Q00005-3;Q00005-4;Q00005-5;Q00005-7;H0YB06;E5RHQ2;E5RJV2;H0YA16	Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B alpha isoform	PPP2R2A	5589000	1868100	894090	9173300	1472600	4306800	6973000
P63167;F8VXL2;F8VRV5;F8VXI7	Dynein light chain 1, cytoplasmic	DYNLL1	41947000	61321000	12645000	83259000	29798000	38627000	44066000
Q5VTU3;P63172	Dynein light chain Tctex-type 1	DYNLT1	0	0	0	1993000	6827800	0	1627700
P63173;J3KT73;J3QL01;J3KSP2	60S ribosomal protein L38	RPL38	111210000	79097000	0	8264100	52479000	0	5813000
P63218	Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-5	GNG5	11389000	0	0	1599200	0	0	0
Q8WVC2;P63220;Q9BYK1;Q9BYK2	40S ribosomal protein S21	RPS21	201530000	190840000	3557800	121630000	121400000	30145000	63022000
P63244;J3KPE3;D6RAC2;H0Y8W2;D6REE5;H0YAF8;D6R9Z1;H0YAM7;D6R9L0;D6RFX4;D6RFZ9;D6RAU2;E9PD14;D6RBD0;H0Y8R5;D6RGK8;D6RHJ5;D6R909;D6RDI0	Guanine nucleotide-binding protein subunit beta-2-like 1;Guanine nucleotide-binding protein subunit beta-2-like 1, N-terminally processed	GNB2L1	712630000	704190000	55150000	531270000	549590000	155570000	325970000
P63261;I3L3I0;I3L1U9;I3L4N8;I3L3R2;J3KT65;K7EM38	Actin, cytoplasmic 2;Actin, cytoplasmic 2, N-terminally processed	ACTG1	6782600000	2856700000	3496600000	6884000000	4811900000	4251600000	4388300000
P67775;P62714;P67775-2;E5RHC1;E7ESG8;H0YC23;E5RFI3;E5RHP4;H0YBN9;E5RI56	Serine/threonine-protein phosphatase 2A catalytic subunit alpha isoform;Serine/threonine-protein phosphatase 2A catalytic subunit beta isoform;Serine/threonine-protein phosphatase	PPP2CA;PPP2CB	4065600	1410400	1322900	8702900	303790	5801200	2610200
P67809;A0A087X1S2;H0Y449;C9J5V9;Q9Y2T7	Nuclease-sensitive element-binding protein 1	YBX1	154240000	103210000	12623000	163490000	97279000	47420000	92470000
Q5SRQ6;P67870;Q5SRQ3;N0E472	Casein kinase II subunit beta	CSNK2B;CSNK2B-LY6G5B-1181;CSNK2B-LY6G5B--991	21781000	14500000	207490	21334000	15291000	5020600	11925000
P67936;P67936-2;K7ENT6;K7EMU5;K7EPB9;K7EPV9;U3KQK2;Q2TAC2-2;Q2TAC2	Tropomyosin alpha-4 chain	TPM4	37336000	6119600	7405100	38883000	9785900	16590000	26705000
P68032;P68133;P62736;P63267;Q5T8M7;Q5T8M8;A6NL76;P63267-2;C9JFL5;F6UVQ4;F6QUT6;F8WB63;B8ZZJ2	Actin, alpha cardiac muscle 1;Actin, alpha skeletal muscle;Actin, aortic smooth muscle;Actin, gamma-enteric smooth muscle	ACTC1;ACTA1;ACTA2;ACTG2	231810000	19267000	318540000	99869000	393450000	581530000	66285000
P68036-2;P68036;P68036-3	Ubiquitin-conjugating enzyme E2 L3	UBE2L3	1693700	1811300	0	1536300	0	0	507180
Q5VTE0;P68104;A0A087WVQ9;P68104-2;A0A087WV01;A6PW80;Q5JR01	Putative elongation factor 1-alpha-like 3;Elongation factor 1-alpha 1;Elongation factor 1-alpha	EEF1A1P5;EEF1A1	201110000	150940000	12602000	167400000	60871000	44522000	83068000
P68363;P68366-2;P68366;P68363-2;C9JDS9	Tubulin alpha-1B chain;Tubulin alpha-4A chain	TUBA1B;TUBA4A	201000000	143610000	12118000	212430000	92471000	98621000	123120000
P68371;Q13509-2	Tubulin beta-4B chain	TUBB4B	131950000	196180000	10783000	208410000	102920000	52741000	104390000
P68871;P02042;F8W6P5;E9PFT6;C9JRG0;E9PEW8	Hemoglobin subunit beta;LVV-hemorphin-7;Spinorphin;Hemoglobin subunit delta	HBB;HBD	4351600	0	0	610690	0	0	169340
P78318	Immunoglobulin-binding protein 1	IGBP1	0	147680	0	1300100	557400	112570	542690
Q5VUC9;Q5VUC3;P78345	Ribonuclease P protein subunit p38	RPP38	0	1530000	402740	0	0	0	0
P78346;P78346-2;Q5VU11;Q5VU10	Ribonuclease P protein subunit p30	RPP30	1948100	4121000	0	1246200	174310	0	487740
P78347-2;P78347-4;P78347-3;P78347;P78347-5;A0A087WW90;Q86UP8-3;Q86UP8;Q6EKJ0;C9J6M0;Q86UP8-2;Q6EKJ0-2;Q86UP8-5	General transcription factor II-I	GTF2I	3908800	4522300	52934	3122500	3969300	401110	2300900
P78356;A0A087WT35;P78356-2	Phosphatidylinositol 5-phosphate 4-kinase type-2 beta	PIP4K2B	0	115630	0	245250	0	0	0
P78362;P78362-2;H7C5L6;C9J2M4;C9JWF7	SRSF protein kinase 2;SRSF protein kinase 2 N-terminal;SRSF protein kinase 2 C-terminal	SRPK2	2608500	2282700	392310	853790	2076200	329840	526880
P78363;F6TT59	Retinal-specific ATP-binding cassette transporter	ABCA4	303820	1153300	225970	309070	587210	401150	300870
P78371;P78371-2;F5GWF6;F8VQ14	T-complex protein 1 subunit beta	CCT2	33639000	45878000	19548000	65502000	38529000	32460000	46067000
P78406;E9PQ57;E9PPG9;B0QZ36;B0QZ37	mRNA export factor	RAE1	12243000	8349300	6148400	4815900	2522000	7052000	3929400
P78417;Q5TA02;P78417-3;P78417-2;Q5TA01	Glutathione S-transferase omega-1	GSTO1	16314000	11494000	446970	25741000	3304800	3178700	5806600
P78527;P78527-2;F5GX40;H0YG84	DNA-dependent protein kinase catalytic subunit	PRKDC	3438900	809510	725010	5173800	910610	4722700	3978500
P78563-2;P78563-3;P78563-4;P78563;P78563-5	Double-stranded RNA-specific editase 1	ADARB1	222950	212250	0	733970	447610	0	0
P79522-2;P79522	Proline-rich protein 3	PRR3	0	1654600	0	0	0	0	0
P80723;P80723-2;U3KQP0	Brain acid soluble protein 1	BASP1	30263000	2122800	2800200	5362800	3861300	3473000	3388400
P81605;P81605-2	Dermcidin;Survival-promoting peptide;DCD-1	DCD	2542600	2124100	0	0	4384000	5305500	0
P82663;E7EPW2;P82663-3;P82663-2	28S ribosomal protein S25, mitochondrial	MRPS25	384280	0	0	704820	443910	0	469790
P82673	28S ribosomal protein S35, mitochondrial	MRPS35	172290	0	0	0	0	0	67874
P82675;P82675-2	28S ribosomal protein S5, mitochondrial	MRPS5	160360	159820	0	0	0	0	0
P82932	28S ribosomal protein S6, mitochondrial	MRPS6	0	0	0	757780	0	0	457540
P82933	28S ribosomal protein S9, mitochondrial	MRPS9	1323600	922860	0	2578600	1460800	286110	742450
P82979;F8VZQ9;H0YHG0;F8VS12	SAP domain-containing ribonucleoprotein	SARNP	5183300	792410	951900	1823500	1253600	731620	1378300
P83876;K7ESL1;K7EPA6;K7EJU2;K7EMX5;O14835;K7ES07	Thioredoxin-like protein 4A	TXNL4A	10257000	8459800	15244000	19089000	7240000	26497000	19147000
P84090;G3V279	Enhancer of rudimentary homolog	ERH	523780000	533080000	341420000	640340000	291860000	538430000	433250000
P85037;P85037-2;U3KQ26	Forkhead box protein K1	FOXK1	120760	763850	372060	944220	647890	0	368890
P98175-4;P98175-3;P98175-2;P98175	RNA-binding protein 10	RBM10	276130	188450	0	0	166040	275300	0
P98179	RNA-binding protein 3	RBM3	5366800	12346000	0	11025000	1702200	0	1160300
Q00059;Q00059-2;H7BYN3	Transcription factor A, mitochondrial	TFAM	13371000	12585000	0	9311900	1931000	191500	7657500
Q00341;Q00341-2;H0Y394;H7C0A4;C9JMQ6;C9JQ82	Vigilin	HDLBP	1346700	592260	91012	1611800	374270	0	188970
Q00403;B1APE1;B1APE2	Transcription initiation factor IIB	GTF2B	953910	1582000	0	1130300	69790	0	237620
Q00535-2;Q00535	Cyclin-dependent-like kinase 5	CDK5	888210	0	0	828460	0	0	398720
Q00577	Transcriptional activator protein Pur-alpha	PURA	2263700	1425500	0	9130500	821940	2283200	5926700
Q00688;G3V5F2	Peptidyl-prolyl cis-trans isomerase FKBP3	FKBP3	1305600	1498800	0	1831500	1509300	0	863490
Q00765	Receptor expression-enhancing protein 5	REEP5	0	0	0	0	0	0	889640
Q00839;Q00839-2;M0QYG9	Heterogeneous nuclear ribonucleoprotein U	HNRNPU	137070000	210150000	13225000	184390000	129340000	60522000	92516000
Q01082;A0A087WUZ3;Q01082-2;Q01082-3;F8W6C1;E9PJZ2;REV__A6NFT4;REV__Q96CN4;REV__Q96CN4-2	Spectrin beta chain, non-erythrocytic 1	SPTBN1	42595000	4857800	5494500	13938000	10591000	12127000	9624800
Q01085;Q01085-2;E7ETJ9;E7ETC0;E5RGV5;E5RG67;C9JTN7;F8W8I6;Q96B58;P31483-2;P31483	Nucleolysin TIAR	TIAL1	3483500	2082900	468520	1667700	695310	769890	608340
Q01105;Q01105-3;Q01105-4;Q01105-2;A0A087X027;P0DME0	Protein SET;Protein SETSIP	SET;SETSIP	74362000	62360000	12190000	87295000	64788000	51018000	62889000
Q01469;I6L8B7;A8MUU1	Fatty acid-binding protein, epidermal	FABP5	3353700	2683500	1294100	3446400	1322100	7821100	2977900
Q01518-2;Q01518;Q5T0R1;Q5T0R9;Q5T0R7;Q5T0R6;Q5T0R5;Q5T0R4;Q5T0R3;Q5T0R2;Q5T0S3;Q5T0R8;B7Z385;A0A087X0J3;A0A087WZ15;E9PDI2;P40123-3;P40123-2;P40123	Adenylyl cyclase-associated protein 1;Adenylyl cyclase-associated protein	CAP1	7596500	7201000	836420	8374400	1877900	1736500	6075900
Q01650	Large neutral amino acids transporter small subunit 1	SLC7A5	588500	522000	0	584010	179160	0	777420
Q01780-2;Q01780	Exosome component 10	EXOSC10	261150	469850	0	0	1058900	0	32821
Q01813;Q01813-2;B1APP6;H0Y757;V9GY25;H0Y3Y3;B1APP8	ATP-dependent 6-phosphofructokinase, platelet type	PFKP	648700	1043600	0	1388500	0	170380	484750
Q02363	DNA-binding protein inhibitor ID-2	ID2	0	0	0	1470000	0	0	1736900
Q02535	DNA-binding protein inhibitor ID-3	ID3	0	0	0	19456000	1487900	3803000	11644000
Q02750;Q02750-2	Dual specificity mitogen-activated protein kinase kinase 1	MAP2K1	179330	405440	0	810700	0	0	353820
Q02790;F5H1U3;H0YFG2;F5H120	Peptidyl-prolyl cis-trans isomerase FKBP4;Peptidyl-prolyl cis-trans isomerase FKBP4, N-terminally processed	FKBP4	19001000	11059000	1139500	18084000	1993200	3618300	10312000
Q02809;Q02809-2	Procollagen-lysine,2-oxoglutarate 5-dioxygenase 1	PLOD1	0	226050	189620	209190	0	574480	0
Q02878;F8VZ45;U3KQR5;F8VR69;F8VZA3;F8VWR1;F8VU16	60S ribosomal protein L6	RPL6	330260000	304120000	0	18340000	340410000	2282800	7136700
Q02952-3;Q02952-2;Q02952	A-kinase anchor protein 12	AKAP12	0	0	0	245530	0	0	47145
Q04760-2;Q04760	Lactoylglutathione lyase	GLO1	17997000	2646000	0	19660000	5317900	4699600	17323000
Q04837;E7EUY5;C9K0U8	Single-stranded DNA-binding protein, mitochondrial	SSBP1	54389000	38998000	26901000	51523000	39699000	94193000	52670000
Q04917;A2IDB2;F8WEB6;A2IDB1	14-3-3 protein eta	YWHAH	9678400	8523700	842860	15820000	8624900	13082000	10393000
Q04941	Proteolipid protein 2	PLP2	0	0	0	0	0	0	0
Q05048;A3KFI9	Cleavage stimulation factor subunit 1	CSTF1	0	378350	0	0	455940	285340	179190
Q05086-3;Q05086;Q05086-2;S4R306	Ubiquitin-protein ligase E3A	UBE3A	7415900	10984000	5941300	32848000	13304000	29862000	27019000
Q5T760;Q05519-2;Q05519;Q5T757;B4DWT1	Serine/arginine-rich splicing factor 11	SRSF11	1898600	0	4893500	676410	0	1704000	585280
Q05639	Elongation factor 1-alpha 2	EEF1A2	101070	0	0	0	0	0	487370
Q06124-2;Q06124;Q06124-3	Tyrosine-protein phosphatase non-receptor type 11	PTPN11	216670	0	0	202620	0	0	62402
Q06203;D6RCC8;D6RE15	Amidophosphoribosyltransferase	PPAT	1177400	1902500	0	1503700	357930	274440	1475900
Q06210-2;Q06210;O94808	Glutamine--fructose-6-phosphate aminotransferase [isomerizing] 1	GFPT1	98306	0	0	299930	0	0	0
Q06323;Q06323-3;Q06323-2;H0YKK6;H0YLU2	Proteasome activator complex subunit 1	PSME1	117350000	187620000	100230000	1995200000	927420000	1265400000	1090600000
Q06609-3;Q06609;Q06609-4;Q06609-2	DNA repair protein RAD51 homolog 1	RAD51	0	0	0	279210	0	430370	324870
Q06787-6;Q06787-4;Q06787-7;A8MQB8;G3V0J0;Q06787-2	Fragile X mental retardation protein 1	FMR1	1675800	1740500	0	58116	2365600	92920	0
Q06830	Peroxiredoxin-1	PRDX1	228930000	110450000	50050000	350300000	37787000	194920000	223960000
Q07021;I3L3Q7;I3L3B0	Complement component 1 Q subcomponent-binding protein, mitochondrial	C1QBP	11564000	10068000	7815900	12320000	3664900	33106000	17319000
Q07065	Cytoskeleton-associated protein 4	CKAP4	355610	136640	0	52645	0	823090	3911100
Q07666;Q07666-2;Q07666-3;E5RG12;E5RJZ9;O75525-2;O75525;Q5VWX1	KH domain-containing, RNA-binding, signal transduction-associated protein 1	KHDRBS1	3610600	5221700	0	228720	1087500	0	294840
Q08209-2;Q08209;E7ETC2;Q08209-5;Q08209-3;Q08209-4;E9PPC8;E9PK68;Q5F2F8;P16298-2;P16298-3;P16298;P16298-4;H0YC26;P48454-2;P48454;P48454-3	Serine/threonine-protein phosphatase 2B catalytic subunit alpha isoform;Serine/threonine-protein phosphatase	PPP3CA	221890	0	12037	1155300	0	0	2548100
Q08211;Q08211-2;REV__H0YA90;REV__Q7Z6J0-3	ATP-dependent RNA helicase A	DHX9	134920000	362990000	11133000	128230000	303250000	67700000	92408000
Q08257;Q08257-2;A6NP24;Q08257-3;C9JH92	Quinone oxidoreductase	CRYZ	145800	0	0	987320	0	0	0
Q08380;K7EJY8;K7ESM3;K7EKQ5;K7EP36	Galectin-3-binding protein	LGALS3BP	72935	350200	0	206530	0	268830	0
Q08945;E9PPZ7;E9PMD4	FACT complex subunit SSRP1	SSRP1	1523300	1609900	0	0	391970	0	34590
Q08J23;Q08J23-2;Q08J23-3	tRNA (cytosine(34)-C(5))-methyltransferase	NSUN2	18430000	18136000	3605900	12947000	22591000	5849800	10210000
Q09028-3;Q09028;Q09028-2;Q09028-4;H0YF10;H0YCT5;H0YDK2;E9PNS6;E9PNS2;E9PIC4;H0YEU5;E9PND5;C9JPP3	Histone-binding protein RBBP4	RBBP4	13475000	7606300	2935500	29523000	3940900	7898600	16505000
Q09161;X6R941	Nuclear cap-binding protein subunit 1	NCBP1	2760300	8161600	5035700	3824800	4342300	1892200	2855200
Q10567-4;Q10567-3;Q10567-2;Q10567;C9J1E7;K7EN71;K7ERB2;A0A087WXS3;K7EKZ5;K7EJX1	AP-1 complex subunit beta-1	AP1B1	1102500	847860	101090	1798400	0	0	983570
Q10570;A0A087X101;E9PIM1	Cleavage and polyadenylation specificity factor subunit 1	CPSF1	323300	144300	818120	843320	422760	1459100	1343000
Q10713;Q10713-2	Mitochondrial-processing peptidase subunit alpha	PMPCA	122710	647370	196420	1729700	669660	413700	779040
Q12756;Q12756-3;Q12756-2;F8W8V9	Kinesin-like protein KIF1A;Kinesin-like protein	KIF1A	21857	0	0	48403	0	0	47174
Q12765;Q12765-2;Q12765-3;B8ZZP4;C9J7U9;C9K052	Secernin-1	SCRN1	1282100	377680	0	1909600	0	0	859140
Q12789-3;Q12789;H3BRD0	General transcription factor 3C polypeptide 1	GTF3C1	0	0	0	93950	0	0	20429
Q12792;Q12792-4;Q12792-3;F8VS81;F8W645;F8VRG3;F8W1Q9	Twinfilin-1	TWF1	2725600	447070	424160	4270600	0	132150	1639100
Q12872;Q12872-2;F5H1A5	Splicing factor, suppressor of white-apricot homolog	SFSWAP	40601	0	348590	0	0	362390	23551
Q12874	Splicing factor 3A subunit 3	SF3A3	23281000	20000000	36636000	27974000	8053800	37882000	17849000
Q12894;Q12894-2	Interferon-related developmental regulator 2	IFRD2	148870	0	0	0	0	0	0
Q12904;Q12904-2;D6R937	Aminoacyl tRNA synthase complex-interacting multifunctional protein 1;Endothelial monocyte-activating polypeptide 2	AIMP1	2321200	0	0	0	0	0	0

Q12906;Q12906-5;Q12906-2;Q12906-3;K7EKJ9;K7EQR9;K7ER69;K7ERM6;K7ENK6;K7EM82;K7EJ09;K7ELV3;K7EKY0;K7EQ75	Interleukin enhancer-binding factor 3	ILF3	210360	41448	0	0	0	0	39870
Q12906-7;Q12906-4;Q12906-6	Interleukin enhancer-binding factor 3	ILF3	221050000	389250000	11152000	176160000	271100000	50577000	102390000
Q12931-2;Q12931;I3L0K7;I3L239;I3L2D5	Heat shock protein 75 kDa, mitochondrial	TRAP1	1992000	1081000	0	995690	252690	222460	231240
Q12955;A0A087WTF3;A0A087WUY3;Q12955-6;Q12955-5;Q12955-4;A0A087WZ65;Q12955-7;B1AQT1;H0Y9E9;A0A087WZ26;A0A087WTP5	Ankyrin-3	ANK3	3195100	12928000	985570	7103000	4136900	3919800	7418200
Q12962;A0A087WWP5	Transcription initiation factor TFIID subunit 10	TAF10	3139800	513530	928960	2926300	1149200	8407300	3545200
Q12996;E9PLP8;Q12996-2;E9PJ06;Q12996-3	Cleavage stimulation factor subunit 3	CSTF3	0	0	0	0	85351	432650	84981
Q13011;M0R248;M0QZW4	Delta(3,5)-Delta(2,4)-dienoyl-CoA isomerase, mitochondrial	ECH1	4697500	604960	199930	1113300	207150	652990	896580
Q13043-2;Q13043;A0A087WVN8;F5H5B4	Serine/threonine-protein kinase 4;Serine/threonine-protein kinase 4 37kDa subunit;Serine/threonine-protein kinase 4 18kDa subunit	STK4	0	0	0	93943	133410	195090	93486
Q13045;Q13045-3;K7EQZ7;J3QLR6	Protein flightless-1 homolog	FLII	10661000	1008200	8212700	22432000	5429800	15900000	13502000
Q13045-2	Protein flightless-1 homolog	FLII	0	0	0	208130	0	0	0
Q5JVY0;Q13049	E3 ubiquitin-protein ligase TRIM32	TRIM32	0	0	0	0	0	0	0
Q13131;Q13131-2;Q96E92;A0A087WXX9;P54646	5-AMP-activated protein kinase catalytic subunit alpha-1	PRKAA1	669180	0	0	768250	0	345760	319930
Q13148;A0A087WX29;B1AKP7;G3V162;A0A087X260;A0A087WYY0;A0A087WXQ5;K7EJM5;A0A087WV68;K7EN94;Q13148-4;A0A087WW61;A0A087WX67;A0A087WXV3;A0A087WZC9;A0A087WTZ4;K7EL26;A0A087WYE7	TAR DNA-binding protein 43	TARDBP	1522700	4008400	1123700	3004600	2835000	2273400	4254500
Q13151	Heterogeneous nuclear ribonucleoprotein A0	HNRNPA0	35889000	41744000	1805100	13627000	15647000	18302000	23250000
Q13162;H7C3T4;A6NG45	Peroxiredoxin-4	PRDX4	4877900	2007400	0	11077000	287650	3394100	2263800
Q13185;S4R2Y4;C9JMM0;B8ZZ43	Chromobox protein homolog 3	CBX3	15170000	16469000	3952000	53191000	12572000	20846000	47896000
Q13200;Q13200-2;C9JPC0;H7C2Q3;H7C1H2;F8WBS8;P11215;P11215-2	26S proteasome non-ATPase regulatory subunit 2	PSMD2	641340000	807330000	432340000	1213900000	735300000	1112900000	751970000
Q13200-3	26S proteasome non-ATPase regulatory subunit 2	PSMD2	198130	259600	222770	933880	309080	1004700	139310
Q13232;H3BPR2;H3BPD9;H3BMQ7;H3BRA8	Nucleoside diphosphate kinase 3;Nucleoside diphosphate kinase	NME3	4221500	13891000	0	3554700	1442600	1483600	1655300
Q13242;H0YIB4;S4R3G0	Serine/arginine-rich splicing factor 9	SRSF9	11054000	11342000	4123500	9339300	5416300	2565100	6354800
Q13247-3;Q13247;B4DJK0;B4DUA4;Q13247-2;Q13243-3;Q13243;Q08170	Serine/arginine-rich splicing factor 6;Serine/arginine-rich splicing factor 5;Serine/arginine-rich splicing factor 4	SRSF6;SRSF5;SRSF4	1722000	0	0	0	0	0	163670
Q13257;Q13257-2;D6RJE3	Mitotic spindle assembly checkpoint protein MAD2A	MAD2L1	17702000	12423000	2808500	19064000	12839000	8079100	13646000
Q13263;Q13263-2;M0R0K9;M0R3C0;M0R2I3	Transcription intermediary factor 1-beta	TRIM28	16451000	11394000	1890600	30248000	9262400	16654000	17156000
Q13283;E5RIZ6;E5RI46;E5RIF8;E5RH42;E5RJU8;Q13283-2	Ras GTPase-activating protein-binding protein 1	G3BP1	5315000	5429500	703570	5947700	3490000	2512900	3300100
Q13325-2;Q13325	Interferon-induced protein with tetratricopeptide repeats 5	IFIT5	1077800	334550	0	313890	473310	0	0
Q13347;Q5TFK1	Eukaryotic translation initiation factor 3 subunit I	EIF3I	2197500	11380000	574090	6422300	8528400	6622000	6259400
Q13363-2;Q13363;D6RAX2;E7ESU7;E7EPF8;E9PGB1;E7EUB3;H0Y8W7;H0Y9M9;H0Y8U5	C-terminal-binding protein 1	CTBP1	0	0	1135600	2921200	1214800	929030	1503000
Q13405;E9PI78;H0YDP7;E9PNF1	39S ribosomal protein L49, mitochondrial	MRPL49	318250	791510	0	0	0	0	0
Q13428;Q13428-3;Q13428-4;Q13428-2;Q13428-8;J3KQ96;E7ETY2;Q13428-6;Q13428-7;Q13428-5;H0YA99	Treacle protein	TCOF1	97456	212910	190870	1521900	310570	215390	339770
Q13435;A0A087WZZ5;E9PPJ0;E9PJT3;E9PJ04;H0YCG1;H0YEX5;E9PIL8	Splicing factor 3B subunit 2	SF3B2	12544000	14726000	14017000	7715900	7349000	17933000	5856800
Q13442;F8WBW6	28 kDa heat- and acid-stable phosphoprotein	PDAP1	6710200	6122700	0	547870	3018400	0	2131300
Q13451;Q13451-2	Peptidyl-prolyl cis-trans isomerase FKBP5;Peptidyl-prolyl cis-trans isomerase FKBP5, N-terminally processed	FKBP5	121890	0	0	1149300	0	0	585730
Q13501;E7EMC7;Q13501-2;E9PFW8;E3W990;C9JRJ8;D6RBF1;C9J6J8	Sequestosome-1	SQSTM1	767250	681940	543550	25102000	10395000	14257000	10850000
Q13505-3;Q13505-2;Q13505	Metaxin-1	MTX1	0	0	0	376720	0	0	0
Q13526;K7EMU7;K7EN45;O15428	Peptidyl-prolyl cis-trans isomerase NIMA-interacting 1	PIN1	2882900	1206400	0	2901600	0	1509000	1618000
Q13561;Q13561-3;Q13561-2;H0YI98;F8W1I6;F8VW18;H0YHL1;F8VX93;F8VRV7	Dynactin subunit 2	DCTN2	1005400	1692600	0	852780	313050	0	139410
Q13564-3;Q13564-2;Q13564;Q13564-4;H3BMR3;J3QLH4;J3QRA5;J3KRK3	NEDD8-activating enzyme E1 regulatory subunit	NAE1	860340	675730	0	2210000	0	308380	1293000
Q13601-2;Q13601;A0A087WZC7	KRR1 small subunit processome component homolog	KRR1	387860	2340800	0	218460	875330	0	192460
Q13610;B4DJV5;Q13610-2	Periodic tryptophan protein 1 homolog	PWP1	1365300	4359700	0	0	3840600	0	101790
Q13616;Q8NI38-2;Q8IW00-2;Q8IW00	Cullin-1	CUL1	69300	1718600	4708600	187430	591650	472920	443230
Q13617;Q13617-2;Q5T2B5;Q5T2B4;Q5T2B7	Cullin-2	CUL2	0	88172	0	503210	44042	0	215540
Q13618-3;Q13618-2;Q13618;A0A087WTG3	Cullin-3	CUL3	94612	0	0	0	0	0	0
Q13642-1;Q13642-5;Q13642-4;Q5JXI8;Q13642;Q5JXH8;Q5JXH7;Q5JXI3;Q5JXI2;Q13642-3;Q5JXH9;Q5JXI0	Four and a half LIM domains protein 1	FHL1	11519000	5535300	814080	15571000	1911200	2911600	8276800
Q13643	Four and a half LIM domains protein 3	FHL3	0	0	0	318800	0	915800	0
Q13813;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	39777000	4961300	9286000	17013000	13951000	17287000	11856000
Q13813-2	Spectrin alpha chain, non-erythrocytic 1	SPTAN1	272730	0	0	71692	76097	101380	37115
Q13813-3	Spectrin alpha chain, non-erythrocytic 1	SPTAN1	68961	7905.1	0	0	0	0	0
Q13823;H0YG10	Nucleolar GTP-binding protein 2	GNL2	2836400	4542500	0	540300	4662800	234970	411610
Q13838;Q13838-2;Q5STU3;F6WLT2;F6S4E6;F6TRA5;F6UJC5;H0Y400;K7EN69;F6QYI9;F6R6M7;K7ENP6;F6QWI5;K7EL56;K7EIL8;F6U6E2;F6S2B7;F6SXL5;H0YCC6;K7EN25	Spliceosome RNA helicase DDX39B	DDX39B	10432000	9201700	788600	12638000	1277300	5829200	10609000
Q13885;K7ESM5;K7ES63	Tubulin beta-2A chain	TUBB2A	677690	567230	0	499300	0	0	616860
Q13895;F8WBL2;H7BY94	Bystin	BYSL	3113700	8327700	0	827760	6228400	128600	672450
Q14011;K7ENX8;K7ELV6;K7EJV5;K7ELT6;K7EJV1;K7EMY9;K7EPM4;K7ER40;K7EQR7;D6W5Y5;Q14011-2	Cold-inducible RNA-binding protein	CIRBP	220240	0	0	359110	1132100	634050	565730
Q14019;H3BT58	Coactosin-like protein	COTL1	9280400	1040400	0	11706000	2851000	2682300	5901100
Q14103-3;Q14103;H0Y8G5;H0YA96;Q14103-4;Q14103-2;D6RAF8;D6RF44;D6RD83;D6RBQ9	Heterogeneous nuclear ribonucleoprotein D0	HNRNPD	129240000	159020000	21122000	146170000	83856000	85851000	88246000
Q14126;J3KSI6	Desmoglein-2	DSG2	3449000	133820	0	123040	0	0	305350
Q14137;A0A075B729;Q14137-2	Ribosome biogenesis protein BOP1	BOP1	168190	278120	0	173520	704560	0	0
Q14145;K7EPZ3;K7EQX2	Kelch-like ECH-associated protein 1	KEAP1	70532	0	0	348660	185040	0	359640
Q14151;K7EQU4;K7ERX3;Q14151-2	Scaffold attachment factor B2	SAFB2	736250	1829900	0	746220	552850	0	352250
Q14152;Q14152-2	Eukaryotic translation initiation factor 3 subunit A	EIF3A	5209600	5618900	73438	4361900	3244500	2136300	1688000
Q14156-3;Q14156-2;Q14156	Protein EFR3 homolog A	EFR3A	178140	0	0	0	0	0	0
Q14166	Tubulin--tyrosine ligase-like protein 12	TTLL12	2754200	489160	0	1969300	0	0	466620
Q14195-2;Q14195;H0YBT4;E9PD68;Q14194;Q14194-2	Dihydropyrimidinase-related protein 3	DPYSL3	448890	0	0	251460	0	0	63072
Q14204	Cytoplasmic dynein 1 heavy chain 1	DYNC1H1	124950	64644	0	40360	0	0	10729
Q14232;H0YGG4;F5H0D0;Q14232-2	Translation initiation factor eIF-2B subunit alpha	EIF2B1	311850	346070	0	1966100	233540	0	0
Q14240;Q14240-2;E7EQG2	Eukaryotic initiation factor 4A-II;Eukaryotic initiation factor 4A-II, N-terminally processed	EIF4A2	1305200	867700	0	2367000	89684	210300	933470
Q14247-3;Q14247;Q14247-2;H7C314;H0YCD9;H0YEV2;E9PKG3;E9PP90	Src substrate cortactin	CTTN	17253000	474440	232320	3846300	1936700	2342800	1309100
Q14257;Q14257-2;H0YL43;A8MXP8	Reticulocalbin-2	RCN2	4449800	709270	0	2251900	5268300	389970	1695300
Q14315-2;Q14315	Filamin-C	FLNC	0	0	0	11790	0	0	29679
Q14318;Q14318-2;Q14318-3;U3KQI1;U3KQ64;M0R2K9	Peptidyl-prolyl cis-trans isomerase FKBP8	FKBP8	0	0	916930	367610	0	2143100	89885
Q14320;B0S8I6	Protein FAM50A	FAM50A	633120	335020	0	0	0	0	0
Q14444-2;Q14444;E9PP31;E9PLA9;A0A087X082;G3V153	Caprin-1	CAPRIN1	2354800	2359900	0	2499800	1560900	3729800	1519800
Q14498-3;Q14498-2;Q14498;H0Y4X3;G3XAC6;A0A087X122;Q5QP23;Q5QP22;Q5QP21	RNA-binding protein 39	RBM39	7269800	13744000	1708800	4254400	2852200	2888700	2531000
Q14558;Q14558-2	Phosphoribosyl pyrophosphate synthase-associated protein 1	PRPSAP1	0	0	0	94395	0	0	0
Q14566	DNA replication licensing factor MCM6	MCM6	1494500	1567300	122060	2557400	370410	411150	831370
Q14657	EKC/KEOPS complex subunit LAGE3	LAGE3	1369500	0	0	3789600	1780700	0	1016700
Q14677;Q14677-3;H0YD52;Q14677-2	Clathrin interactor 1	CLINT1	143520	112180	0	0	0	0	0
Q14683;G8JLG1;V9GYN9;H0Y7K8;V9GY57	Structural maintenance of chromosomes protein 1A;Structural maintenance of chromosomes protein	SMC1A	131780000	127220000	162800000	99259000	91897000	125610000	78467000
Q14684-2;Q14684	Ribosomal RNA processing protein 1 homolog B	RRP1B	885240	667290	0	505060	2711100	0	162420
Q14696	LDLR chaperone MESD	MESDC2	1638200	1430500	0	1450600	490600	745290	1265000
Q14697;F5H6X6;Q14697-2;E9PKU7;E9PNH1;Q14697-3	Neutral alpha-glucosidase AB	GANAB	3485700	3202200	277460	8208800	853170	1632000	3836000
Q14739;C9JXK0	Lamin-B receptor	LBR	0	0	0	329000	139580	0	150350
Q14847;Q14847-2;C9J9W2;K7ESD6;F6S2S5;Q14847-3	LIM and SH3 domain protein 1	LASP1	1165900	0	0	584500	0	0	363390
Q14964;Q96DA2	Ras-related protein Rab-39A	RAB39A	4487400	6115700	0	6849000	0	3653400	5095200
Q14974;J3KTM9;Q14974-2;J3QR48;J3QKQ5;J3KS06;J3QRG4	Importin subunit beta-1	KPNB1	21139000	5755000	613390	19332000	1518800	2756000	11733000
S4R349;Q14978;Q14978-3;Q14978-2;S4R402;S4R341;S4R3C2	Nucleolar and coiled-body phosphoprotein 1	NOLC1	0	0	0	1003000	0	5088600	0
Q14980-2;Q14980;A0A087WY61;Q14980-4;Q14980-3;F5H4J1;H0YFY6;F5H6Y5;Q14980-5;K4DIE0;F5H0Z7;F5H763;F5H1L0;F5GZW1;F5H2F3;REV__K7EJH0;REV__K7EMX1;REV__K7EJV2;F5GWH6;F5H3L6;REV__Q8NBT2;REV__K7ESQ2;REV__Q569K6;O94964-2;Q9BT92	Nuclear mitotic apparatus protein 1	NUMA1	1103700	664490	899530	429630	1211700	502110	284740
Q14997;Q14997-2;Q14997-3;F8WBH5;Q14997-4;REV__Q5VWK5-7;REV__Q5VWK5-5;REV__Q8N4C7;REV__Q5VWK5-6;REV__Q5VWK5-2;REV__H7BZ42;REV__Q5VWK5	Proteasome activator complex subunit 4	PSME4	132280000	213190000	157770000	258880000	165270000	229740000	157430000
Q14CX7;Q14CX7-2;F8VSB9;H0YHR9;F8W0N5	N-alpha-acetyltransferase 25, NatB auxiliary subunit	NAA25	317560	0	0	222490	29025	263590	554980
Q15008;Q15008-4;Q15008-3;Q15008-2;C9J0E9;C9J7B7;H7C531	26S proteasome non-ATPase regulatory subunit 6	PSMD6	904260000	1259800000	728900000	1754300000	891110000	1424800000	1078000000
Q15019;Q15019-3;Q15019-2;B5MCX3;H7C2Y0;C9IZU3;C9J938;C9JB25;C9J2Q4;C9JT15;C9JSE7;C9JFT1;F8WB65;B5MD47;C9JZI2;C9IY94;C9JQJ4;H7C310	Septin-2	37500	580740	1081000	0	2879800	0	255380	917700
Q15021;E7EN77	Condensin complex subunit 1	NCAPD2	0	0	0	77017	71739	0	0
Q15024	Exosome complex component RRP42	EXOSC7	184580	393800	0	0	0	0	0
Q15029-2;Q15029-3;Q15029;K7EP67;K7EJ74;K7EIV5;K7EIT3	116 kDa U5 small nuclear ribonucleoprotein component	EFTUD2	5707200	6641900	414720	11741000	1702600	4313400	5777600
Q15046;Q15046-2;H3BVA8;J3KRL2;H3BPV7;H3BRC9	Lysine--tRNA ligase	KARS	4341300	1303500	585780	3838500	443920	4053600	3631900
Q15050	Ribosome biogenesis regulatory protein homolog	RRS1	250850	539880	0	0	306490	0	0
Q15056-2;Q15056	Eukaryotic translation initiation factor 4H	EIF4H	1353300	480150	0	9434300	0	407870	2207900
Q15059-2;Q15059	Bromodomain-containing protein 3	BRD3	0	118160	0	0	0	0	0
Q15084-3;Q15084;Q15084-4;Q15084-5;Q15084-2	Protein disulfide-isomerase A6	PDIA6	6719900	6536800	358220	8330700	1642500	8983600	10291000
Q15102;M0R389;M0QXS6;M0R323;M0QZT2;M0R1K3	Platelet-activating factor acetylhydrolase IB subunit gamma	PAFAH1B3	1747000	656030	0	369700	0	0	408640
Q15125;C9J719;C9JJ78	3-beta-hydroxysteroid-Delta(8),Delta(7)-isomerase	EBP	0	0	0	1558900	0	0	0
Q15149;Q15149-7;Q15149-8;Q15149-9;Q15149-5;Q15149-4;Q15149-6;Q15149-3;Q15149-2;H0YDN1	Plectin	PLEC	41524	0	0	0	0	14199	9038.9
Q15181;Q5SQT6	Inorganic pyrophosphatase	PPA1	14919000	13668000	505300	16353000	1420000	1911800	10443000
Q15185-3;Q15185-4;Q15185;A0A087WYT3;B4DDC6;Q15185-2	Prostaglandin E synthase 3	PTGES3	14745000	18972000	523270	43648000	5624500	9362200	13241000
Q15233;Q15233-2;C9IZL7;H7C367;C9JYS8;C9J4X2	Non-POU domain-containing octamer-binding protein	NONO	7780100	8723500	0	4616900	695630	3148400	3056900
Q15276-2;Q15276;I3L2B8	Rab GTPase-binding effector protein 1	RABEP1	0	0	0	44861	0	0	22257
Q15293;Q15293-2	Reticulocalbin-1	RCN1	741450	0	0	901260	0	0	1265600
Q15365	Poly(rC)-binding protein 1	PCBP1	183270000	205790000	61813000	214050000	119620000	115150000	114570000
Q15366-6;Q15366-3;Q15366-4;Q15366;Q15366-2;Q15366-7;E9PFP8;P57721-5;P57721-4;P57721;F8VRH0;H3BSS4	Poly(rC)-binding protein 2	PCBP2	66031000	85530000	11074000	95096000	38900000	30200000	43548000
Q15370;B8ZZU8;Q15370-2;I3L0M9	Transcription elongation factor B polypeptide 2	TCEB2	32133000	13267000	20761000	108410000	36425000	118830000	93326000
Q15386;Q15386-2;Q15386-3	Ubiquitin-protein ligase E3C	UBE3C	0	341560	195060	3024500	149710	1095100	1869900
Q15393;Q15393-3;Q15393-2;J3QL37;I3L4G7;J3QRB2;J3QKV4	Splicing factor 3B subunit 3	SF3B3	13397000	11028000	5149000	11719000	9552000	10382000	6758600
Q15404;Q15404-2	Ras suppressor protein 1	RSU1	312490	568020	0	677540	713470	0	0
Q15427;Q5SZ64	Splicing factor 3B subunit 4	SF3B4	4867200	2348400	3677400	219040	5064600	4580500	2716200
Q15428;K7EMT0	Splicing factor 3A subunit 2	SF3A2	12389000	23204000	10217000	28772000	7948500	36267000	14814000
Q15437;Q5QPE2;Q5QPE1	Protein transport protein Sec23B	SEC23B	406030	191370	0	371450	63336	227930	209920
Q15459;Q15459-2;H7C1L2;F8WB66;F8WC79	Splicing factor 3A subunit 1	SF3A1	36076000	23634000	42200000	39190000	14617000	70889000	22365000
Q15477;H7C5N0;H7C4L3;F8WDE8;B4E0B4	Helicase SKI2W	SKIV2L	1338300	2299800	0	223760	2818000	0	152250
Q15527	Surfeit locus protein 2	SURF2	7030400	12547000	0	7617100	10651000	412690	4667000
Q15633-2;Q15633;H3BV98;F8VYK6;F8VZZ7;F8VP94;F8VW32;F8VYK3;F8VZ57	RISC-loading complex subunit TARBP2	TARBP2	314260	0	0	594390	1445300	0	224460
Q15637-4;Q15637-6;Q15637-3;Q15637-2;Q15637;Q15637-5;F8WEV5;Q15637-7;C9J792;H7C561	Splicing factor 1	SF1	3278900	5630900	6478200	11800000	3748800	12584000	7718300
Q15654;H7BZE2;Q15654-3;Q15654-2	Thyroid receptor-interacting protein 6	TRIP6	2426900	1114500	1003700	5394600	817360	2411500	2747800
Q15691	Microtubule-associated protein RP/EB family member 1	MAPRE1	11044000	7504700	0	9024600	380750	2751200	5306200
Q15717;Q15717-2;M0QZR9;M0R055;B1AM48;B1APY9;B1APY8;B1AM49;Q12926-2;Q12926;P26378-4;P26378-2;P26378-5;P26378;P26378-3	ELAV-like protein 1	ELAVL1	11561000	16884000	9539000	26506000	13496000	21890000	16030000
Q15758;M0QXM4;Q15758-3;Q15758-2;M0QX44;M0R144	Neutral amino acid transporter B(0);Amino acid transporter	SLC1A5	744540	805110	97651	479880	492930	0	718030
Q15773	Myeloid leukemia factor 2	MLF2	501720	254790	0	1962000	6291000	0	637300
Q15813;Q15813-2;E7EXA6;Q8WVB6-3;Q8WVB6;Q8WVB6-2	Tubulin-specific chaperone E	TBCE	217860	0	0	558670	0	0	23603
Q15819;G3V113;H0YBP9;H0YBX6;E5RIF1;D6RG00	Ubiquitin-conjugating enzyme E2 variant 2	UBE2V2	3483900	2133000	0	2886600	112150000	1776900	4364800
Q15904;A6QRJ1;A6NLC6	V-type proton ATPase subunit S1	ATP6AP1	0	0	0	1576600	81643	587980	685100
Q16186;A0A087WX59;A0A087WUX6	Proteasomal ubiquitin receptor ADRM1	ADRM1	531620000	745080000	611000000	990120000	1014900000	1088600000	707310000
Q16222-2;Q16222-3;Q16222	UDP-N-acetylhexosamine pyrophosphorylase;UDP-N-acetylgalactosamine pyrophosphorylase;UDP-N-acetylglucosamine pyrophosphorylase	UAP1	0	0	0	246410	0	0	176700
Q16531;F5GY55;Q16531-2;F5H2L3;F5H4N9;F5H581;F5H238;F5GWI0;F5H0Y5;F5H775;F5H6C5;F5H7A0;F8WF81;F5GZY8;F5GZ34;F5GYG8;F5H198	DNA damage-binding protein 1	DDB1	4732900	4158200	432130	14448000	7646400	4713600	9594200
Q16537-3;Q16537-2;Q16537	Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit epsilon isoform	PPP2R5E	308240	0	0	365770	0	214430	176050
Q16543;K7EL68;K7EQA9;K7EKQ2;K7EIU0	Hsp90 co-chaperone Cdc37;Hsp90 co-chaperone Cdc37, N-terminally processed	CDC37	6000300	4397900	137080	6617300	1257200	3065800	10015000
Q16555-2;Q16555	Dihydropyrimidinase-related protein 2	DPYSL2	609170	229170	0	1004800	225390	75827	565550
Q16625-5;Q16625-4;Q16625-2;Q16625-3;Q16625	Occludin	OCLN	401500	0	0	345290	0	0	287770
Q16643;Q16643-3;Q16643-2;D6R9W4;D6R9Q9;D6RCR4;D6RFI1	Drebrin	DBN1	124860000	9455100	20651000	27392000	61284000	44025000	29756000
Q16658	Fascin	FSCN1	1429100	506550	0	1332200	730710	306240	602460
Q16763;K7EPJ1;K7EM75	Ubiquitin-conjugating enzyme E2 S	UBE2S	997130	1266700	0	2146200	413620	811490	2017900
Q16822;H0YML5;B4DW73;H0YM31;Q16822-2	Phosphoenolpyruvate carboxykinase [GTP], mitochondrial	PCK2	144880	0	0	139830	0	0	124730
Q1KMD3;H3BQZ7	Heterogeneous nuclear ribonucleoprotein U-like protein 2	HNRNPUL2;HNRNPUL2-BSCL2	17454000	15694000	5771000	19378000	11600000	12890000	13748000
Q29963;P30508;P30501;Q29960-2;Q29960;Q07000;P30510;P01893;P30505;A2BF26;P30455;P30443;Q9TNN7	HLA class I histocompatibility antigen, Cw-6 alpha chain;HLA class I histocompatibility antigen, Cw-12 alpha chain;HLA class I histocompatibility antigen, Cw-2 alpha chain;HLA class I histocompatibility antigen, Cw-16 alpha chain;HLA class I histocompatibility antigen, Cw-15 alpha chain;HLA class I histocompatibility antigen, Cw-14 alpha chain;Putative HLA class I histocompatibility antigen, alpha chain H;HLA class I histocompatibility antigen, Cw-8 alpha chain	HLA-C;HLA-H	0	0	0	1763400	372800	0	0
Q2NL82;I3L1Q5;I3L4E8	Pre-rRNA-processing protein TSR1 homolog	TSR1	4233700	8709300	0	2318800	4140500	80142	702530
Q2TAY7;Q2TAY7-2	WD40 repeat-containing protein SMU1;WD40 repeat-containing protein SMU1, N-terminally processed	SMU1	2249500	2266600	351880	4340100	964550	2802600	2654000
Q32MZ4-3;Q32MZ4-2;Q32MZ4;C9JTC6	Leucine-rich repeat flightless-interacting protein 1	LRRFIP1	10876000	772320	27964000	33378000	12243000	33387000	19936000
Q32MZ4-4	Leucine-rich repeat flightless-interacting protein 1	LRRFIP1	463480	0	0	784520	0	1145900	436170
Q32P28;Q32P28-4;Q32P28-3;H7C0D1;H7C2W6	Prolyl 3-hydroxylase 1	LEPRE1	2023800	1377800	1451500	4243900	2032300	3925000	3394100
Q3ZCM7;A0A075B736;Q5SQY0	Tubulin beta-8 chain	TUBB8	477500	291380	0	0	0	0	966660
Q3ZCQ8;Q3ZCQ8-2;M0QXC3;M0R2Z3;M0R303;M0R2D2;M0R047;M0R1Y4;M0R003;M0R0C3;M0R2F8;Q3ZCQ8-3	Mitochondrial import inner membrane translocase subunit TIM50	TIMM50	608610	1509000	0	2207000	951620	553240	591660
Q4G0J3;Q4G0J3-3;H0YA82;Q4G0J3-2;D6RFF0;D6R9Z6;D6RF49;D6RAF3;D6RF22	La-related protein 7	LARP7	18528000	11666000	0	11112000	9718900	458130	6892200
Q4KMP7;Q4KMP7-2;H3BSE1	TBC1 domain family member 10B	TBC1D10B	107510	728420	0	0	1667300	0	183610
Q4VCS5;E7ERM3;Q4VCS5-2;A6NP16;Q8IY63-2;Q8IY63	Angiomotin	AMOT	939880	29867	0	94784	288220	122910	339330
Q504T8;K7END3;K7EN89	Midnolin	MIDN	0	0	11115	13073000	2549300	4258000	4604100
Q52LJ0;Q52LJ0-2	Protein FAM98B	FAM98B	199500	0	0	468800	0	585040	152500
Q53EL6-2;Q53EL6;Q5VZS7	Programmed cell death protein 4	PDCD4	3793700	3566000	0	4492200	1396400	560830	2678300
Q53H80	Akirin-2	AKIRIN2	56478000	117510000	7739700	249470000	143580000	163910000	177320000
Q53HC0-2;F5H2Z7;Q53HC0	Coiled-coil domain-containing protein 92	CCDC92	0	192430	0	0	0	0	0
Q562R1	Beta-actin-like protein 2	ACTBL2	0	0	0	0	0	0	0
Q5BKZ1;Q5BKZ1-3	DBIRD complex subunit ZNF326	ZNF326	1441100	432380	941950	1005200	806540	0	251340
Q5C9Z4	Nucleolar MIF4G domain-containing protein 1	NOM1	85673	220100	0	0	560890	0	0
Q5F1R6;Q5F1R6-3;Q5F1R6-2	DnaJ homolog subfamily C member 21	DNAJC21	0	0	0	0	96884	0	0
Q5GLZ8-6;Q5GLZ8-3;Q5GLZ8-2;Q5GLZ8;H0Y6K7;D6RCL5	Probable E3 ubiquitin-protein ligase HERC4	HERC4	0	0	0	815020	154630	403500	569720
Q5H909;Q9UNF1-2;Q9UNF1;Q5H907;A0A087X070;G5E9N2;Q12816-5;Q12816-2;Q12816-3;Q12816-4;Q12816	Melanoma-associated antigen D2	MAGED2	0	0	0	2912200	1644700	952330	940500
Q5JR04;Q9HCE1;Q9HCE1-2	Putative helicase MOV-10	MOV10	3980800	4116600	106200	1409800	2528200	310690	1283900
Q5JRC6;Q8IWS0-3;Q8IWS0;Q8IWS0-5;Q8IWS0-4;Q8IWS0-2	PHD finger protein 6	PHF6	4517400	4956600	0	0	2193400	0	0
Q5JRX3;Q5JRX3-2;Q5JRX3-3;H0Y7L7;B1APQ0;B1APQ1	Presequence protease, mitochondrial	PITRM1	1829800	347250	52906	1109300	0	0	502470

Q5JSH3-4;Q5JSH3-2;Q5JSH3;H7BY83;Q5JSH3-3	WD repeat-containing protein 44	WDR44	179390	0	0	49477	0	0	166610
Q5JTH9-2;Q5JTH9-3;Q5JTH9;A0A087X0G0	RRP12-like protein	RRP12	334000	365520	0	0	0	0	0
Q5JTJ3-3;X6R5Z6;Q5JTJ3;Q5JTJ3-2;REV__O75521-2;REV__O75521	Cytochrome c oxidase assembly factor 6 homolog	COA6	2777300	2035300	0	5015100	1227500	0	2552800
Q5JTZ9	Alanine--tRNA ligase, mitochondrial	AARS2	117090	58296	0	0	0	0	54393
Q5JV73	FERM and PDZ domain-containing protein 3	FRMPD3	255450	360480	206940	221160	0	285200	0
Q5JVF3-3;Q5JVF3-2;Q5JVF3;Q5JVF3-4	PCI domain-containing protein 2	PCID2	389560	94374	470520	1186800	548210	2049200	1211700
Q5JWT2;Q9ULK4-4;Q9ULK4-5;Q9ULK4-3;Q9ULK4;Q9ULK4-2	Mediator of RNA polymerase II transcription subunit 23	MED23	0	0	0	23729	0	0	25435
Q5JY65;Q9BZJ0-2;Q9BZJ0-3;Q9BZJ0	Crooked neck-like protein 1	CRNKL1	450280	130220	92043	392520	195050	0	94842
Q5JYG4;Q9H9Y4	GPN-loop GTPase 2	GPN2	0	0	0	278180	0	0	240400
Q5LJA5	Ubiquitin carboxyl-terminal hydrolase	UCHL5	114390000	201870000	138600000	298250000	287450000	358640000	249420000
Q5LJA9	Ubiquitin carboxyl-terminal hydrolase	UCHL5	0	0	0	0	985080	514100	167100
Q5M775-4;Q5M775;Q5M775-5;Q5M775-3;Q5M775-2;J3KSG2;J3KRN9;J3QQM0	Cytospin-B	SPECC1	247430	0	161560	0	0	0	0
Q5QPE5;Q9Y5X3;A0A087WUY5;Q5QPE4	Sorting nexin-5	SNX5	424450	561680	0	394630	0	0	0
Q5QPL9;Q9UKM9-2;Q9UKM9;Q5QPM0;Q5QPM1;Q5QPM2	RNA-binding protein Raly	RALY	7613400	7590100	492130	0	3392500	0	0
Q5QPM7;Q92530;Q5QPM9;H0Y555;F5H4Z3	Proteasome inhibitor PI31 subunit	PSMF1	2382600	5602300	0	6868300	1175200	6391600	7050800
Q5RKV6	Exosome complex component MTR3	EXOSC6	1042500	1132700	0	608840	0	0	341350
Q5SRE5;Q5SRE5-2	Nucleoporin NUP188 homolog	NUP188	260220	412300	104810	0	45658	0	0
X6RGJ2;Q5SSJ5;B0QZK4;Q5SSJ5-3;Q5SSJ5-2;B0QZK9;B0QZK8;Q5SWC8;Q5SSJ5-5	Heterochromatin protein 1-binding protein 3	HP1BP3	1155300	1536600	163640	1173600	2076500	822710	133930
Q5SY16	Polynucleotide 5-hydroxyl-kinase NOL9	NOL9	335810	200650	0	66553	0	0	0
Q9Y6H1;Q5T1J5	Coiled-coil-helix-coiled-coil-helix domain-containing protein 2;Putative coiled-coil-helix-coiled-coil-helix domain-containing protein CHCHD2P9, mitochondrial	CHCHD2;CHCHD2P9	3246000	0	0	778380	0	0	754320
Q5T280;R4GNG4;A0A087WYA7	Putative methyltransferase C9orf114	C9orf114	0	1262900	135440	0	246650	0	0
U5GXS2;Q5T2T1	MAGUK p55 subfamily member 7	MPP7	0	0	0	0	0	0	0
Q5T440	Putative transferase CAF17, mitochondrial	IBA57	0	0	0	213930	0	0	0
Q5T4S7-3;Q5T4S7-4;Q5T4S7;Q5T4S7-2;Q5T4S7-5;X6RE05;X6R960	E3 ubiquitin-protein ligase UBR4	UBR4	27487	0	0	474520	244710	366320	413900
Q5T6H7;Q9NQW7-2;Q9NQW7;Q9NQW7-4;Q9NQW7-3;Q5T6H3;Q5T6H2	Xaa-Pro aminopeptidase 1	XPNPEP1	997040	302690	0	162360	0	0	1070000
Q5T7U1;Q9Y5Q8-2;Q9Y5Q8;Q9Y5Q8-3;H0Y5D2;H7BY84;Q5T7U0	General transcription factor 3C polypeptide 5	GTF3C5	48882	0	0	0	259250	174260	87878
U3KQ56;Q5T946;Q9UBQ7	Glyoxylate reductase/hydroxypyruvate reductase	GRHPR	132290	264000	0	0	0	80696	0
Q5TDF0;Q9BSD7	Cancer-related nucleoside-triphosphatase	NTPCR	661410	0	0	0	0	271580	103720
Q5TDH0;Q5TDH0-3;Q5TDH0-2;H0YII4;H0YI90;Q8WTU0	Protein DDI1 homolog 2	DDI2	96154	0	0	891250	0	1695300	600840
Q5TFE4-2;Q5TFE4	5-nucleotidase domain-containing protein 1	NT5DC1	0	0	0	0	0	0	187640
Q5VTE6-2;Q5VTE6	Protein angel homolog 2	ANGEL2	393930	1236900	0	413970	863630	224550	0
Q5VUJ6-2;Q5VUJ6;Q9Y2L9-2;Q9Y2L9;Q9Y2L9-3	Leucine-rich repeat and calponin homology domain-containing protein 2	LRCH2	3275200	0	252630	296490	369790	400050	292150
Q5VW32-2;Q5VW32;Q5VW33;F5GXQ0	BRO1 domain-containing protein BROX	BROX	368110	633160	0	767760	0	0	810740
Q5VWC4;P55036-2;H7C2J9	26S proteasome non-ATPase regulatory subunit 4	PSMD4	657100000	714220000	816990000	1274200000	1007400000	1312600000	806660000
Q5VYK3;J3KN16;R4GMY1;F6XAQ5	Proteasome-associated protein ECM29 homolog	ECM29;KIAA0368	205910	87544	0	25924000	19515000	18014000	21076000
Q5VZR0;Q9H4G4;A0A087WUM5	Golgi-associated plant pathogenesis-related protein 1	GLIPR2	3699100	0	0	0	0	0	0
Q66K74-2;Q66K74;M0R1M7	Microtubule-associated protein 1S;MAP1S heavy chain;MAP1S light chain	MAP1S	145660	0	0	112020	0	0	0
Q69YN2;Q69YN2-3	CWF19-like protein 1	CWF19L1	441090	0	0	355460	0	0	0
Q69YQ0-2;Q69YQ0;F8WAN1;C9J8U1;C9JLY8	Cytospin-A	SPECC1L;SPECC1L-ADORA2A	2959500	211420	290930	1990900	659110	1960300	2696700
Q6AI12	Ankyrin repeat domain-containing protein 40	ANKRD40	0	0	0	386470	0	0	0
Q6DKI1;R4GMU7;Q6DKI1-2	60S ribosomal protein L7-like 1	RPL7L1	517850	1091000	0	0	706260	0	0
Q6DKJ4;I3L4V6;Q6DKJ4-3	Nucleoredoxin	NXN	580190	129390	0	566370	67514	224720	326870
Q6DKK2	Tetratricopeptide repeat protein 19, mitochondrial	TTC19	0	0	0	858680	0	166500	151060
Q6FIF0-2;Q6FIF0;H3BM82;H0YMR5;H0YLR2;H0YME2;H0YK21;H0YK54	AN1-type zinc finger protein 6	ZFAND6	3619600	2949500	341790	1151200	0	0	0
Q6GMV3	Putative peptidyl-tRNA hydrolase PTRHD1	PTRHD1	1226300	0	0	968010	0	0	0
Q6IA86-4;Q6IA86-7;Q6IA86-2;Q6IA86-3;Q6IA86-5;Q6IA86;Q6IA86-6;F5GWY6;K7ER35;F5GYE9	Elongator complex protein 2	ELP2	0	0	0	791010	0	286150	288980
Q6IQ49-2;Q6IQ49;Q6IQ49-3	Protein SDE2 homolog	SDE2	621130	0	0	0	623950	179190	235450
Q6NW34-2;Q6NW34;E9PFF8	Uncharacterized protein C3orf17	C3orf17	0	125500	0	0	0	0	0
Q6NZY4;Q6NZY4-2;F5GXQ6;F5H803;F5H6J5;F5GX80	Zinc finger CCHC domain-containing protein 8	ZCCHC8	699160	666380	0	189580	708680	355660	403700
Q6P158-2;Q6P158;A0A087WZ11;Q6P158-3	Putative ATP-dependent RNA helicase DHX57	DHX57	279360	456360	0	0	808250	0	0
Q6P2E9-2;Q6P2E9	Enhancer of mRNA-decapping protein 4	EDC4	0	0	0	0	0	0	379620
Q96GK7;Q6P2I3	Fumarylacetoacetate hydrolase domain-containing protein 2A;Fumarylacetoacetate hydrolase domain-containing protein 2B	FAHD2A;FAHD2B	0	0	0	259340	0	0	0
Q6P2Q9;I3L0J9;I3L3Z8;I3L1T8	Pre-mRNA-processing-splicing factor 8	PRPF8	1617000	1203500	28956	1496700	751670	387850	563770
Q6PGP7;D6RCE2;D6RDA0;H0Y964	Tetratricopeptide repeat protein 37	TTC37	1780500	1795000	0	113830	916880	103790	61454
Q6PJ61	F-box only protein 46	FBXO46	198470	0	0	0	0	58587	62058
Q6PJG6-3;Q6PJG6	BRCA1-associated ATM activator 1	BRAT1	0	0	0	642270	219400	0	433410
Q6PKG0;Q6PKG0-3;E5RH50;H0YC33;H0YBW1;Q659C4-2;Q659C4;Q659C4-9;H0YAN4;H0YBM7;Q659C4-7;Q659C4-6;Q659C4-5;H0YBJ5;H0YC73;D6RJB0;H0YBR8;H0YAX9;E5RHK4	La-related protein 1	LARP1	10598000	18282000	12773	1832900	16560000	267350	1078500
Q6UB99	Ankyrin repeat domain-containing protein 11	ANKRD11	49612	127410	57900	44030	181060	94529	58383
Q6UN15-4;Q6UN15-3;Q6UN15-5;Q6UN15	Pre-mRNA 3-end-processing factor FIP1	FIP1L1	169750	0	0	181920	0	360890	107160
Q6UX04;Q6UX04-2;D6REK3	Peptidyl-prolyl cis-trans isomerase CWC27 homolog	CWC27	8329100	25060000	2737300	9465900	4215900	3568300	3288300
Q6UXN9;C9JBU3	WD repeat-containing protein 82	WDR82	7084200	6904700	10845000	10616000	2966400	14406000	7495500
Q6YHK3-3;Q6YHK3-2;Q6YHK3-4;Q6YHK3	CD109 antigen	CD109	133520	0	0	0	0	0	0
Q6YP21-3;Q6YP21	Kynurenine--oxoglutarate transaminase 3	CCBL2	0	0	0	238610	0	0	0
Q6ZN17;Q6ZN17-2	Protein lin-28 homolog B	LIN28B	8252200	4891100	382900	5744000	2382800	1400500	4171400
Q6ZN57	Zinc finger protein 2 homolog	ZFP2	0	0	0	0	167820	0	0
Q6ZVM7-3;Q6ZVM7;B7Z2U2;Q6ZVM7-2;Q6ZVM7-5;F5H3S6;Q6ZVM7-4;K7ENB0	TOM1-like protein 2	TOM1L2	0	0	0	1239600	1162300	2853300	511590
Q709F0;Q709F0-3;F8WEV0;D6RDI8;Q709F0-2	Acyl-CoA dehydrogenase family member 11	ACAD11	224940	630480	0	0	66205	0	64680
Q71RC2-3;Q71RC2;Q71RC2-4;Q71RC2-5;Q71RC2-6;Q96J85;Q71RC2-7;Q71RC2-2;X6RLN4;Q6P4E2;Q8TBL5;A0A087WTL9;F8W1I4;F8VY40	La-related protein 4	LARP4	1261100	1874800	0	1873300	3525100	0	706890
Q71U36-2;Q71U36;Q13748;Q13748-2;Q6PEY2;V9GZ17	Tubulin alpha-1A chain;Tubulin alpha-3C/D chain;Tubulin alpha-3E chain	TUBA1A;TUBA3C;TUBA3E	0	0	0	0	0	0	231500
Q76L83;E7EWD6	Putative Polycomb group protein ASXL2	ASXL2	109150	236360	0	0	0	52693	0
Q7KZ85;Q7KZ85-2;Q7KZ85-3	Transcription elongation factor SPT6	SUPT6H	191020	0	0	79029	0	37483	103830
Q7KZF4;H7C597	Staphylococcal nuclease domain-containing protein 1	SND1	2692100	3493300	384610	2107500	3118900	1372900	486990
Q7L014;D6RJA6	Probable ATP-dependent RNA helicase DDX46	DDX46	53960	0	0	0	0	0	0
Q7L0Y3;C9JVB6	Mitochondrial ribonuclease P protein 1	TRMT10C	1135100	3538200	0	342920	3547700	0	482770
Q7L1Q6-2;Q7L1Q6;Q7L1Q6-4;Q7L1Q6-3	Basic leucine zipper and W2 domain-containing protein 1	BZW1	404750	0	0	847190	76690	0	293230
Q7L2E3-2	Putative ATP-dependent RNA helicase DHX30	DHX30	8955300	15028000	0	1127900	8177800	45828	902040
Q7L2H7;J3KNJ2;E9PN86;E9PRY0;Q7L2H7-2;H0YCQ8;E9PRI2;E7ESM3	Eukaryotic translation initiation factor 3 subunit M	EIF3M	1806900	2501900	64228	1930900	0	151490	1112400
Q7L2J0;Q7L2J0-2	7SK snRNA methylphosphate capping enzyme	MEPCE	6811800	6861600	0	2565700	4060300	445800	2214400
Q7L576;H7C229;E7EVJ5;Q7L576-2;Q96F07-2;Q96F07;A0A087WU52;A0A087WWL1;H0YL50;A0A087WVE1;A0A087WTQ3;A0A087WWZ1;E7EW33;Q7L576-3	Cytoplasmic FMR1-interacting protein 1;Cytoplasmic FMR1-interacting protein 2	CYFIP1;CYFIP2	0	70734	0	200880	0	127320	152850
Q7L5D6;Q7L5D6-2;C9JPA8;C9JHN8;C9JY46	Golgi to ER traffic protein 4 homolog	GET4	0	0	0	16733000	5176800	9138900	17855000
Q7L7X3-3;Q7L7X3;H0YF68;Q7L7X3-2;Q9H2K8	Serine/threonine-protein kinase TAO1	TAOK1	423870	727020	39622	917840	764800	449800	161220
Q7RTV0	PHD finger-like domain-containing protein 5A	PHF5A	15716000	10463000	7168700	9298600	9752900	9594300	7256300
Q7Z2T5;Q7Z2T5-2;X6RK96	TRMT1-like protein	TRMT1L	1112400	6133400	68487	1144600	4852000	149230	1306000
Q7Z2W4-2;Q7Z2W4;C9J6P4;Q7Z2W4-3;H7C5K1;Q7Z2W4-5;Q7Z2W4-4	Zinc finger CCCH-type antiviral protein 1	ZC3HAV1	3158700	1883700	0	1237200	1494400	727550	800260
Q7Z3B4-3;Q7Z3B4;Q7Z3B4-2	Nucleoporin p54	NUP54	2169800	1116600	0	0	139600	0	0
Q7Z406-6;Q7Z406-2;Q7Z406;Q7Z406-4;Q7Z406-5;M0QY43;A1L2Z2	Myosin-14	MYH14	976920	58358	146590	1151100	299850	596550	218200
Q7Z417	Nuclear fragile X mental retardation-interacting protein 2	NUFIP2	127300	263350	0	179650	762150	0	0
Q7Z4Q2;Q7Z4Q2-2;Q7Z4Q2-3	HEAT repeat-containing protein 3	HEATR3	4183400	4138500	632130	9802800	3953100	2165500	3447400
Q7Z6Z7-2;Q7Z6Z7-3;Q7Z6Z7;H0Y659;A0A087X146;Q5H963;A0A087X1S3	E3 ubiquitin-protein ligase HUWE1	HUWE1	127950	131470	58021	2448000	407680	660930	1074800
Q7Z7C8;Q7Z7C8-2;Q7Z7C8-4;B4DZU5;C9J7M8	Transcription initiation factor TFIID subunit 8	TAF8	3069400	1316900	779860	8086500	3070400	5992800	2822600
X6R631;Q7Z7F7;Q7Z7F7-2	39S ribosomal protein L55, mitochondrial	MRPL55	1590400	0	0	0	0	0	0
Q86TN4-2;Q86TN4;Q86TN4-4;F5H1K3;H0YGY9;F5H6B6;F5H8A0;Q86TN4-3	tRNA 2-phosphotransferase 1	TRPT1	0	0	453920	444850	741290	0	0
Q86U42-2;Q86U42;B4DEH8;G3V4T2;Q92843-2;H0YJH9	Polyadenylate-binding protein 2	PABPN1	774850	0	0	0	0	0	443600
Q86U90	YrdC domain-containing protein, mitochondrial	YRDC	708180	0	0	925520	0	0	0
Q86UV5-4;Q86UV5-7;Q86UV5-3;Q86UV5-2;Q86UV5;Q86UV5-8	Ubiquitin carboxyl-terminal hydrolase 48	USP48	127570	0	0	0	0	152560	105860
Q86UY0;Q8NBS9;Q8NBS9-2	Thioredoxin domain-containing protein 5	TXNDC5	7934800	3496000	1161200	13262000	0	4162000	4386800
Q86VP6;Q86VP6-2;H0YH27;Q86VP6-3;F5H6I6;F8WBB8	Cullin-associated NEDD8-dissociated protein 1	CAND1	1860200	251100	0	1328600	334090	172260	1255800
Q86X55-2;Q86X55-1;Q86X55;K7EK20;K7EPK1;K7EQA8	Histone-arginine methyltransferase CARM1	CARM1	0	0	0	200860	0	0	320770
Q86XP3;Q86XP3-2;J3QRI2;J3KTK9	ATP-dependent RNA helicase DDX42	DDX42	10222000	3221400	2034400	9981400	494180	2714700	3877000
Q8WXI9;Q86YP4-2;Q86YP4;Q86YP4-3	Transcriptional repressor p66-beta;Transcriptional repressor p66-alpha	GATAD2B;GATAD2A	81233	135540	0	0	0	0	0
Q86YQ0;Q96MX6-2;Q96MX6;Q8ND98;H7C389;F6U1T9;D3YTA9;H7BYZ3;P63098	WD repeat-containing protein 92	HZGJ;WDR92;DKFZp434B156	353530	74142	34228	3146000	773960	1243900	916250
Q8IVF2-3;Q8IVF2	Protein AHNAK2	AHNAK2	0	0	39029	0	0	45520	95239
Q8IVM0;Q8IVM0-2	Coiled-coil domain-containing protein 50	CCDC50	1098700	0	0	540710	0	993030	1141500
Q8IVS2;Q8IVS2-2	Malonyl-CoA-acyl carrier protein transacylase, mitochondrial	MCAT	0	385240	0	0	0	0	0
Q8IWV8-4;Q8IWV8;Q8IWV8-2;Q8IWV8-3	E3 ubiquitin-protein ligase UBR2	UBR2	0	0	0	0	0	0	0
Q8IX12-2;Q8IX12;F5H1H2;F5H2E6;F5H3E1;H0YFJ7	Cell division cycle and apoptosis regulator protein 1	CCAR1	989580	0	571120	1706800	101960	809470	712910
Q8IXB1-2;Q8IXB1;Q8IXB1-3;E7EP04;A0A087WXH7;H7C1G0	DnaJ homolog subfamily C member 10	DNAJC10	833430	630870	1336400	1833700	1949300	3604700	1014400
Q8IXM3	39S ribosomal protein L41, mitochondrial	MRPL41	1904800	0	0	0	1704600	1024000	990690
Q8IY37;F5H3Y4	Probable ATP-dependent RNA helicase DHX37	DHX37	41423	293550	0	0	235140	0	0
Q8IY81	pre-rRNA processing protein FTSJ3	FTSJ3	56063	105390	0	0	57261	0	0
Q8IYB8	ATP-dependent RNA helicase SUPV3L1, mitochondrial	SUPV3L1	0	178190	0	126450	0	65037	51862
Q8IYN2	Transcription elongation factor A protein-like 8	TCEAL8	0	0	0	964230	0	0	686510
Q8IYS1	Peptidase M20 domain-containing protein 2	PM20D2	262400	484710	117170	0	0	0	362090
Q8IZ07;S4R3D2;H0YIN8	Ankyrin repeat domain-containing protein 13A	ANKRD13A	0	0	0	139800	0	463020	87098
Q8IZL8;C9JFV4;E7EV54;I3L445;I3L4P1;I3L1P4;I3L4M7	Proline-, glutamic acid- and leucine-rich protein 1	PELP1	2952500	2184400	0	147800	4201500	0	0
Q8N0X7	Spartin	SPG20	97954	0	0	570770	315830	352920	99333
Q8N0Z6	Tetratricopeptide repeat protein 5	TTC5	0	0	0	168520	0	0	0
Q8N163;Q8N163-2;H0YB24;G3V119;E5RHJ4;A0A087X2B6;H0YC69;E5RGU7;E5RFJ3;H0YC58	Cell cycle and apoptosis regulator protein 2	CCAR2	359800	120210	0	1241400	294860	760840	1195700
Q8N1F7;H3BVG0;Q8N1F7-2;H3BRI8;H3BM93;H3BPA9;H3BNN5;H3BV11;H3BP95;H3BVE2;H3BMX0;H3BRD9;H3BNG7;H3BV15	Nuclear pore complex protein Nup93	NUP93	5782700	4179600	3073400	359440	88243	625260	321500
Q8N1G4	Leucine-rich repeat-containing protein 47	LRRC47	1611800	1065200	0	708920	472470	0	264980
Q8N3C0;J3KNJ4;E5RFZ0;Q8N3C0-3;Q8N3C0-4	Activating signal cointegrator 1 complex subunit 3	ASCC3	0	615260	0	0	37220	0	0
Q8N3E9;F5GXC1;K7EQF2	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase delta-3	PLCD3	0	0	0	0	0	0	0
Q8N3R9;Q8N3R9-2;G3V2B0	MAGUK p55 subfamily member 5	MPP5	0	0	0	397230	76940	95170	331820
Q8N490-2			507060	1064600	0	2386400	1446600	882650	0
Q8N4Q1;Q8N4Q1-2	Mitochondrial intermembrane space import and assembly protein 40	CHCHD4	9365300	10110000	7938200	7459500	6915200	11619000	6812000
Q8N5K1;I3L1N9;D6RCF4	CDGSH iron-sulfur domain-containing protein 2	CISD2	364850	0	0	202120	0	0	0
Q8N6L1;Q8N6L1-2	Keratinocyte-associated protein 2	KRTCAP2	0	0	0	5734900	0	0	1283300
Q8N6R0-1;Q8N6R0-3;Q8N6R0-4;Q8N6R0	Methyltransferase-like protein 13	METTL13	130960	0	0	0	0	0	74137
Q8N766-4;Q8N766-3;Q8N766-2;Q8N766	ER membrane protein complex subunit 1	EMC1	0	0	0	111370	0	0	0
Q8N8X9	Protein mab-21-like 3	MAB21L3	0	0	0	0	0	0	0
Q8N954;Q8N954-2	G patch domain-containing protein 11	GPATCH11	918110	1400900	1399300	1446500	36865	1086800	0
Q8N9T8;F8WFC1	Protein KRI1 homolog	KRI1	0	117220	0	0	454870	0	90481
Q8NBF2	NHL repeat-containing protein 2	NHLRC2	193750	160200	0	188380	0	0	62608
Q8NBJ5;M0QYH0;M0QX72	Procollagen galactosyltransferase 1	COLGALT1	1398700	1307800	254870	1199200	518260	723670	1152200
Q8NC51;Q8NC51-2	Plasminogen activator inhibitor 1 RNA-binding protein	SERBP1	338410000	475920000	458850	137860000	581220000	13032000	67798000
Q8NC51-3;Q8NC51-4	Plasminogen activator inhibitor 1 RNA-binding protein	SERBP1	459910	0	0	376610	0	0	0
Q8NCW5-2;Q8NCW5;Q5T3I4;Q5T3I3	NAD(P)H-hydrate epimerase	APOA1BP	1423500	0	0	482430	0	0	3623000
Q8NDC0	MAPK-interacting and spindle-stabilizing protein-like	MAPK1IP1L	0	0	0	0	0	0	1196300
Q8NFH3	Nucleoporin Nup43	NUP43	1198600	1081900	0	0	0	0	0
Q8NFH4;F8VTY2	Nucleoporin Nup37	NUP37	13288000	16149000	11521000	5481800	455100	4154100	6360800
Q8NFH5-3;Q8NFH5-2;Q8NFH5	Nucleoporin NUP53	NUP35	2889500	0	0	0	0	159220	0
Q8NFW8;F5GYM0;Q8NFW8-2	N-acylneuraminate cytidylyltransferase	CMAS	383300	393210	0	0	301480	0	0
Q8NI27;F2Z2V2	THO complex subunit 2	THOC2	182150	2956000	0	426810	0	0	644310
Q8TAT6;Q8TAT6-2;I3L4U9	Nuclear protein localization protein 4 homolog	NPLOC4	76292	0	0	1430000	0	0	427620
Q8TBC4;F8W8D4;Q8TBC4-2	NEDD8-activating enzyme E1 catalytic subunit	UBA3	0	0	0	339030	0	0	493690
Q8TBX8-2;Q8TBX8-3;Q8TBX8;H0YIJ6;F8VNT5;F8VU68	Phosphatidylinositol 5-phosphate 4-kinase type-2 gamma	PIP4K2C	794600	447430	0	3176400	619780	1488700	1173700
Q8TBZ6;D6R954;X6REK4	tRNA methyltransferase 10 homolog A	TRMT10A	1498500	2391900	345280	2357600	2224700	0	1483600
Q8TC07-2;Q8TC07-3;Q8TC07;C9JA93;F8VV61	TBC1 domain family member 15	TBC1D15	0	0	0	376340	0	0	49316
Q8TC12-3;Q8TC12-2;Q8TC12	Retinol dehydrogenase 11	RDH11	0	0	0	306010	0	83284	0
Q8TCS8	Polyribonucleotide nucleotidyltransferase 1, mitochondrial	PNPT1	524460	186520	0	304880	0	0	165930
Q8TD19;G3V459	Serine/threonine-protein kinase Nek9	NEK9	0	0	0	543210	0	82357	308470
Q8TDD1;F8VRX4;H0YHH7;H0YHZ9	ATP-dependent RNA helicase DDX54	DDX54	2682500	2725200	56565	0	2688700	176170	0
Q8TDN6	Ribosome biogenesis protein BRX1 homolog	BRIX1	869470	5349400	0	0	3127300	0	0
Q8TEA8	D-tyrosyl-tRNA(Tyr) deacylase 1	DTD1	0	335070	0	555280	0	0	0
Q8TEM1;Q8TEM1-2	Nuclear pore membrane glycoprotein 210	NUP210	0	31616	0	39525	0	0	43022
Q8TEQ6	Gem-associated protein 5	GEMIN5	88301	0	0	0	0	0	13769
Q8TEX9;Q8TEX9-2;H0YN14;H0YK93;H0YLV0;H0YL92;H0YKG5;H0YN07;H0YMR4	Importin-4	IPO4	609310	95010	0	330120	0	0	482970
Q9NP97;Q8TF09;H3BNG9;H3BPA0;Q7Z4M1;Q9NP97-2;H3BQI1;B1AKR6	Dynein light chain roadblock-type 1;Dynein light chain roadblock-type 2	DYNLRB1;DYNLRB2	10983000	0	4113400	20144000	3832000	4446700	8346100
Q8WUA2	Peptidyl-prolyl cis-trans isomerase-like 4	PPIL4	0	0	838640	490750	372130	3616300	754290
Q8WUM0	Nuclear pore complex protein Nup133	NUP133	580730	559160	0	0	0	42272	118180
Q8WUM4;Q8WUM4-2;Q8WUM4-3;C9IZF9;F8WEQ7;F8WBR8;F8WDK9	Programmed cell death 6-interacting protein	PDCD6IP	2885800	986580	188290	4962800	151360	500780	2002800
Q8WVD3;J3KSI2;J3QKM8;J3QLQ3;J3KRU4;Q8WVD3-2	E3 ubiquitin-protein ligase RNF138	RNF138	4435400	2466800	1063400	8727500	4446700	5881900	4316600
Q8WVM0	Dimethyladenosine transferase 1, mitochondrial	TFB1M	119450	1039400	0	102770	7902400	0	0
Q8WVM8;Q8WVM8-2;Q8WVM8-3;G3V3K9;G3V4I1;G3V363;H0YJS6;G3V5F3;J3KNG4;G3V2M8	Sec1 family domain-containing protein 1	SCFD1	321500	126180	0	759430	199640	420610	365010
Q8WVY7	Ubiquitin-like domain-containing CTD phosphatase 1	UBLCP1	4397000	5820200	291180	55292000	24347000	48753000	36360000
Q8WW12;Q8WW12-2;Q8WW12-3	PEST proteolytic signal-containing nuclear protein	PCNP	11194000	10581000	10672000	24246000	14211000	30506000	19589000
Q8WWH5	Probable tRNA pseudouridine synthase 1	TRUB1	770480	0	0	405230	375440	544320	393660
Q8WWM7-6;Q8WWM7-8;Q8WWM7-5;Q8WWM7-4;Q8WWM7-9;Q8WWM7-2;Q8WWM7;Q8WWM7-3;H3BUF6;H3BSK9;H3BRB0;Q8WWM7-7	Ataxin-2-like protein	ATXN2L	289210	243800	0	298510	221350	0	841990
Q8WWY3;E7EVX8;E7ESA8;Q8WWY3-3;Q8WWY3-2;E7EU94;E7ESX0;E7EN72	U4/U6 small nuclear ribonucleoprotein Prp31	PRPF31	7473500	6625700	971950	7827500	4351800	5077100	6560600
Q8WXE1-5;Q8WXE1-3;Q8WXE1-2;Q8WXE1	ATR-interacting protein	ATRIP	0	3314300	3923100	7534600	18463000	33593000	31137000
Q8WXF1-2;Q8WXF1;X6RDA4	Paraspeckle component 1	PSPC1	1930600	269490	0	814420	0	0	373900
Q8WXX5	DnaJ homolog subfamily C member 9	DNAJC9	328960	1454400	508710	473570	0	0	0
Q8WZ42-3;Q8WZ42-10;Q8WZ42-9;Q8WZ42-5;Q8WZ42-11;Q8WZ42-4;Q8WZ42-7;Q8WZ42-2;Q8WZ42;Q8WZ42-8;Q8WZ42-13;Q8WZ42-12	Titin	TTN	107030	169300	7645.8	5900.4	21720	0	10434
Q92522	Histone H1x	H1FX	7255600	14526000	0	3100500	13901000	0	791130
Q92526;Q92526-2;Q92526-3	T-complex protein 1 subunit zeta-2	CCT6B	644450	0	0	1035100	221480	657520	1247800
Q92538	Golgi-specific brefeldin A-resistance guanine nucleotide exchange factor 1	GBF1	0	0	0	0	0	0	0
Q92542-2;Q92542;H0Y6T7;Q5T205;H0Y3Z4	Nicastrin	NCSTN	207810	0	0	0	0	85421	318390
Q92572;F5H459	AP-3 complex subunit sigma-1	AP3S1	323510	0	0	0	0	0	335480
Q92598-2;Q92598;Q92598-3;Q92598-4;R4GN69;Q5TBM3;Q8TDX9	Heat shock protein 105 kDa	HSPH1	7058600	3952700	704070	13709000	1694400	4072700	8315600
Q92614-4;Q92614;Q92614-3;Q92614-2;Q92614-5;H0YEV9	Unconventional myosin-XVIIIa	MYO18A	1687800	0	348160	562580	341690	248570	549980
Q92615;H0Y4V9;H0Y641;A0A087X183	La-related protein 4B	LARP4B	1800300	167740	0	0	927840	0	300750

Q92616	Translational activator GCN1	GCN1L1	15966	0	0	328890	0	0	0
Q92621;U3KPX2;U3KQ97;U3KQ47	Nuclear pore complex protein Nup205	NUP205	2456100	3321500	1478500	455440	439590	707530	299160
Q92665	28S ribosomal protein S31, mitochondrial	MRPS31	419670	0	0	402260	0	0	341430
Q92688-2;Q92688;Q5T6W8	Acidic leucine-rich nuclear phosphoprotein 32 family member B	ANP32B	17720000	24628000	6637700	18613000	30105000	7571800	8947200
Q92747;E9PF58;Q92747-2	Actin-related protein 2/3 complex subunit 1A	ARPC1A	9513100	1346500	134390	7393500	6146.6	1302600	2594500
Q92769-3;Q92769;Q13547;Q5TEE2;E5RFI6;E5RJ04;E5RGV4;E5RHE7;E5RH52;E5RG37;E5RFP9;H3BM24;E5RK19	Histone deacetylase 2;Histone deacetylase 1	HDAC2;HDAC1	1909900	1494800	24396	5131300	2530100	1307500	1738100
Q92797;A0A087WUE9;M0R3C7;Q92797-2	Symplekin	SYMPK	73646	0	0	167920	0	0	640190
Q92820	Gamma-glutamyl hydrolase	GGH	0	294510	0	686680	0	0	0
Q92828	Coronin-2A	CORO2A	466810	0	0	0	0	76681	48258
Q92878-3;Q92878;Q92878-2;E7ESD9;E7EN38	DNA repair protein RAD50	RAD50	42295	38004	24834	56692	184880	2605100	141120
Q92900-2;Q92900	Regulator of nonsense transcripts 1	UPF1	1400200	654670	138140	1075700	181680	195400	319980
Q92905;E5RHH5;E5RHF2	COP9 signalosome complex subunit 5	COPS5	1348400	1038500	0	2329500	343350	1175200	808750
Q92917	G patch domain and KOW motifs-containing protein	GPKOW	464310	0	0	221030	0	381360	0
Q92945;A0A087WTP3;M0R0I5;M0R0C6;M0R251;M0QYG1;M0R263;M0QYH3;M0R3J3;M0QXW7	Far upstream element-binding protein 2	KHSRP	12566000	5328500	1193700	16257000	3769900	3922500	9426200
Q92973-2;Q92973;Q92973-3;E7EW37;S4R398	Transportin-1	TNPO1	241060	99868	0	605850	0	0	340780
Q92995-2;Q92995;H7C5J3	Ubiquitin carboxyl-terminal hydrolase 13	USP13	0	0	0	245130	0	0	0
Q93008-1;Q93008;O00507-2;O00507;REV__Q01970;REV__O43432-4;REV__O43432;REV__O43432-3	Probable ubiquitin carboxyl-terminal hydrolase FAF-X	USP9X	38154	30874	0	161040	0	99715	147680
Q93009-3;Q93009;H3BND8;F5H2X1;I3L2D8;REV__J3QKR9;REV__Q86YS3	Ubiquitin carboxyl-terminal hydrolase 7;Ubiquitin carboxyl-terminal hydrolase	USP7	695610	0	141500	2160300	56582	763660	1188500
Q969E8	Pre-rRNA-processing protein TSR2 homolog	TSR2	3231000	2101300	401520	4323900	2466800	2780700	3300500
Q969Q0	60S ribosomal protein L36a-like	RPL36AL	93500000	329160000	3391000	41327000	250090000	9133500	44237000
Q969S3	Zinc finger protein 622	ZNF622	8195900	3333300	0	8194100	4122400	539680	1792000
R4GN77;R4GND1;Q96LR5;Q969T4	Ubiquitin-conjugating enzyme E2 E2;Ubiquitin-conjugating enzyme E2 E3	UBE2E3;UBE2E2	396960	246480	0	421660	0	0	469840
Q969U7-2;Q969U7;K7ENR6;V9GZ55;K7ER45	Proteasome assembly chaperone 2	PSMG2	165720000	251700000	65886000	429590000	284290000	226280000	277720000
Q96A33-2;Q96A33;A0A087WYW6;J3QR89	Coiled-coil domain-containing protein 47	CCDC47	3687700	4364600	0	387280	0	0	0
Q96A35;X6RJ73	39S ribosomal protein L24, mitochondrial	MRPL24	363000	831460	0	0	0	0	0
Q96A72;F5H6N1;F5H124	Protein mago nashi homolog 2	MAGOHB	15738000	16589000	258820	20546000	4481200	3813200	12796000
Q96AY3;H0Y827;Q96AY3-2;K7EM43;K7ELI6;K7ESG6	Peptidyl-prolyl cis-trans isomerase FKBP10	FKBP10	586300	0	0	3735900	402980	198090	351090
Q96B26	Exosome complex component RRP43	EXOSC8	690830	302440	0	478140	656820	328130	108190
Q96BJ3;Q96BJ3-3;Q96BJ3-2	Axin interactor, dorsalization-associated protein	AIDA	924510	974910	830730	2089500	1030400	2266500	1451300
Q96BP3;F5H7P7;Q96BP3-2;D6R9Q1;H0Y8N5;D6RB19;D6RHV0;D6RD43;D6RA12;D6RDA4;D6RHY8;Q9NXL9-3;Q9NXL9-2;Q9NXL9	Peptidylprolyl isomerase domain and WD repeat-containing protein 1	PPWD1	686410	968420	26870	1031000	163250	659190	1041700
Q96BR5	Cytochrome c oxidase assembly factor 7	COA7	1089100	541170	0	344920	102010	417100	1562800
Q96BT7;Q96BT7-4	Alkylated DNA repair protein alkB homolog 8	ALKBH8	0	0	0	105240	190010	0	0
Q96BW5-2;Q96BW5	Phosphotriesterase-related protein	PTER	0	0	0	277620	0	0	79674
Q96C90	Protein phosphatase 1 regulatory subunit 14B	PPP1R14B	1594400	1767100	0	3887100	0	546310	2210100
Q96CB9-4;Q96CB9;Q96CB9-3	5-methylcytosine rRNA methyltransferase NSUN4	NSUN4	203070	631600	0	278960	759940	0	0
Q96CN7;D6RGE2	Isochorismatase domain-containing protein 1	ISOC1	774840	606220	0	1045500	0	0	150040
Q96CS3	FAS-associated factor 2	FAF2	0	0	0	1262600	182360	274510	520190
Q96CT7;M0R2F5	Coiled-coil domain-containing protein 124	CCDC124	7811600	40920000	0	972220	41386000	510880	2027600
Q96CX2	BTB/POZ domain-containing protein KCTD12	KCTD12	2610500	936460	0	2343800	0	326990	2296100
Q96D09	G-protein coupled receptor-associated sorting protein 2	GPRASP2	0	0	0	108910	0	0	0
Q96DG6	Carboxymethylenebutenolidase homolog	CMBL	430610	0	0	216400	0	0	265820
Q96DI7;Q96DI7-2;Q9NSS8	U5 small nuclear ribonucleoprotein 40 kDa protein	SNRNP40	2889700	1435400	0	680120	1399100	710530	0
Q96DV4;Q96DV4-2	39S ribosomal protein L38, mitochondrial	MRPL38	1334000	1653700	0	390450	377590	340720	226340
Q96EE3;Q96EE3-1;K7ENI5;K7ELV2;K7EP88;K7EPZ5	Nucleoporin SEH1	SEH1L	1229300	0	142480	95728	0	99114	0
Q96EK5	KIF1-binding protein	KIAA1279	334440	192010	398730	880580	196080	0	986720
Q96EX3	WD repeat-containing protein 34	WDR34	239360	849090	0	316190	250170	145090	0
Q96EY1-2;Q96EY1;Q96EY1-3	DnaJ homolog subfamily A member 3, mitochondrial	DNAJA3	105470	364630	0	0	0	0	0
Q96EY7;Q96EY7-2	Pentatricopeptide repeat domain-containing protein 3, mitochondrial	PTCD3	38503	368590	0	0	0	73581	65903
Q96F45-2;Q96F45	Zinc finger protein 503	ZNF503	0	0	0	203590	0	0	124390
Q96F63	Coiled-coil domain-containing protein 97	CCDC97	0	0	0	323920	495830	0	171200
Q96G03;Q96G03-2;E9PD70;E7ENQ8	Phosphoglucomutase-2	PGM2	795270	0	0	1634800	0	0	372510
Q96G46-2;Q96G46;K7EJX8	tRNA-dihydrouridine(47) synthase [NAD(P)(+)]-like	DUS3L	1637000	0	0	1100100	138010	0	80299
Q96GA3;A0A075B6Q4	Protein LTV1 homolog	LTV1	2514200	2122300	0	339330	2692700	0	0
Q96GM8;Q96GM8-2	Target of EGR1 protein 1	TOE1	2426100	4745000	261820	2299800	3564200	546490	1323400
Q96H79;Q96H79-2	Zinc finger CCCH-type antiviral protein 1-like	ZC3HAV1L	690000	0	0	0	0	0	319470
Q96HS1-2;Q96HS1;F5GXG4	Serine/threonine-protein phosphatase PGAM5, mitochondrial	PGAM5	496890	2378800	0	386610	1668800	566970	784700
Q96HY6-2;Q96HY6	DDRGK domain-containing protein 1	DDRGK1	171350	0	0	0	0	0	281570
Q96I24;Q96I24-2	Far upstream element-binding protein 3	FUBP3	591500	0	0	426630	225140	0	147230
Q96I25;H0Y6J6;Q5W012;Q5W011;Q5W010	Splicing factor 45	RBM17	387580	0	2158900	497820	0	1569100	0
Q96I99;E9PDQ8;Q96I99-2;H0Y852	Succinyl-CoA ligase [GDP-forming] subunit beta, mitochondrial	SUCLG2	337680	83551	110360	247590	0	310590	386900
Q96IX5	Up-regulated during skeletal muscle growth protein 5	USMG5	4374100	3366600	0	1913400	1339700	2602700	2282900
Q96IZ0;H0YI16	PRKC apoptosis WT1 regulator protein	PAWR	0	0	0	271990	0	0	0
Q96J01;Q96J01-2;D6RGZ2;D6REC9	THO complex subunit 3	THOC3	340800	0	0	157530	0	0	262340
Q96JB5-2;Q96JB5;Q96JB5-4;J3QRM1;Q96JB5-3;J3QL86;J3QQY1;J3QS62	CDK5 regulatory subunit-associated protein 3	CDK5RAP3	499290	2189900	0	1124100	576810	0	137440
Q96JP5-2;Q96JP5	E3 ubiquitin-protein ligase ZFP91	ZFP91	0	0	0	593720	705840	0	206120
Q96K17;E9PL10;Q96K17-2	Transcription factor BTF3 homolog 4;Transcription factor BTF3	BTF3L4	36405000	58182000	188540	22822000	40227000	0	3321200
Q96KB5;Q96KB5-2	Lymphokine-activated killer T-cell-originated protein kinase	PBK	353430	0	0	399520	0	0	0
Q96KP4-2;Q96KP4;J3KSS4;J3QRP4;J3QQN6;J3QR27;J3QLU1;J3QKQ0;J3QRD0;J3QRA8;J3QL02;J3KSV5;A0A087WYZ1;J3QKT2	Cytosolic non-specific dipeptidase	CNDP2	737400	356380	0	622150	0	0	121410
Q96KR1;H0Y8W1;Q05D65	Zinc finger RNA-binding protein	ZFR	6279800	7657800	143600	5404900	8723000	1388400	3534200
Q96N67-4;Q96N67-3;Q96N67-5;Q96N67-2;Q96N67-6;Q96N67;H0Y7L2;Q96N67-7;A2A369	Dedicator of cytokinesis protein 7	DOCK7	2505700	16840	23327	179290	123210	0	60764
Q96P11-5;Q96P11;Q96P11-2;Q96P11-4;Q63ZY6-4;Q63ZY6-5;Q63ZY6	Probable 28S rRNA (cytosine-C(5))-methyltransferase;Putative methyltransferase NSUN5C	NSUN5;NSUN5P2	0	0	0	177240	0	0	0
Q96P16;Q96P16-3;K7EQR8;K7EP82	Regulation of nuclear pre-mRNA domain-containing protein 1A	RPRD1A	0	0	0	481100	0	0	0
Q96P70	Importin-9	IPO9	262320	0	0	289800	0	0	0
Q96PK6;Q96PK6-2	RNA-binding protein 14	RBM14	12021000	5421000	472360	940190	5109100	68803	142320
Q96PU5-2;Q96PU5-6;Q96PU5-5;Q96PU5-7;Q96PU5;Q96PU5-9;Q96PU5-4;Q96PU5-3;K7ERN1;K7ENS6	E3 ubiquitin-protein ligase NEDD4-like	NEDD4L	0	0	0	255440	0	211860	70402
Q96QK1;I3L4S0;I3L4P4	Vacuolar protein sorting-associated protein 35	VPS35	2202900	1278300	0	1921500	254390	529750	814090
Q96QR8	Transcriptional activator protein Pur-beta	PURB	580530	0	0	985660	0	0	0
Q96RF0-3;Q96RF0-2;Q96RF0	Sorting nexin-18	SNX18	0	0	0	0	0	0	0
Q96RP9;Q96RP9-2;F8WAU4;C9IZ01	Elongation factor G, mitochondrial	GFM1	144710	0	0	283810	0	0	0
Q96RS6;Q96RS6-3;Q96RS6-2;E5RGX7	NudC domain-containing protein 1	NUDCD1	0	0	0	1090700	739430	1610500	1610400
Q96S55-2;Q96S55;Q96S55-3;Q96S55-4	ATPase WRNIP1	WRNIP1	0	0	0	3316100	2322000	1707500	1991200
Q96S59;Q96S59-2;Q96S59-3	Ran-binding protein 9	RANBP9	83643	0	0	125810	0	120330	62025
Q96S82;H3BV23;H3BUV9;H3BSE0;H3BSQ2	Ubiquitin-like protein 7	UBL7	0	0	0	0	109480	639620	980490
Q96SB4;H3BLV9;Q5R363;B4DS61;Q96SB4-3;D6RBF8;D6RBM8;H7C521;A8MPP7;A8MPY5;E7ETV6;Q9UPE1-2;Q9UPE1-3;Q9UPE1-4;Q9UPE1;H0Y932;H7C2I2;F8WBW4	SRSF protein kinase 1	SRPK1	29393000	47364000	3422200	23748000	23723000	8816000	15317000
Q96SI9-2;Q96SI9;H0YC91;E9PKQ0;Q5JPA5	Spermatid perinuclear RNA-binding protein	STRBP	12910000	129920000	4726.3	99376000	5959100	1606700	71663000
Q96T58	Msx2-interacting protein	SPEN	0	0	57464	0	0	22608	7870.6
Q99436;Q5TBG5;Q99436-2	Proteasome subunit beta type-7;Proteasome subunit beta type	PSMB7	2726200000	4475100000	3145000000	2973100000	2058400000	2768500000	2095500000
Q99459	Cell division cycle 5-like protein	CDC5L	584670	1658400	0	413820	610070	0	198190
Q99460;Q99460-2;C9J9M4;F8WCE3	26S proteasome non-ATPase regulatory subunit 1	PSMD1	49890000	24782000	20037000	68433000	30400000	53545000	40218000
Q99497;K7ELW0;K7EN27	Protein deglycase DJ-1	PARK7	57111000	33043000	504990	61939000	9185100	12768000	25735000
Q99536;K7ERT7;Q99536-3;Q99536-2;K7EJM4;K7ESA3;K7ENX2;K7EM19	Synaptic vesicle membrane protein VAT-1 homolog	VAT1	1263300	910670	0	1424100	0	416720	1158200
Q99567;J3KMX1;I3L4K7;I3L2W3;I3L245	Nuclear pore complex protein Nup88	NUP88	2532400	925230	398650	1210100	558420	312280	267830
Q99575;E5RK39	Ribonucleases P/MRP protein subunit POP1	POP1	817150	1285300	0	223160	2112900	0	19434
Q99576;Q5JRJ0;E7EWD5;Q99576-4;Q99576-3;Q5JRJ2;D6RD92;D6R9J1;H0Y865;H7BZ77;Q15714-2;Q9Y3Q8-2;Q9Y3Q8;Q15714-3;O75157-2;O75157;Q15714	TSC22 domain family protein 3	TSC22D3	0	0	0	15168000	6509700	6503100	10378000
Q99584	Protein S100-A13	S100A13	1712700	742160	0	0	1367100	808850	466390
Q99613-2;Q99613;B5ME19;H3BPE3;H3BTY8;H3BPE4	Eukaryotic translation initiation factor 3 subunit C;Eukaryotic translation initiation factor 3 subunit C-like protein	EIF3C;EIF3CL	6382200	8022500	186180	7737000	3725700	2446500	4404500
Q99614;H0YB37	Tetratricopeptide repeat protein 1	TTC1	1273800	142000	0	1360200	0	0	228540
Q99615-2;Q99615;K7EPP7;K7ESP1;K7EIH8;K7ER44;K7EJL5;K7EN19;K7EJV7;K7EJE9;K7EK03;K7ELJ8;K7EJ24	DnaJ homolog subfamily C member 7	DNAJC7	780620	0	0	1389800	90659	1085600	897490
Q99707;B1ANE3;B7ZLW7	Methionine synthase	MTR	0	0	0	185430	0	187250	142280
Q99714;Q99714-2;Q5H928	3-hydroxyacyl-CoA dehydrogenase type-2	HSD17B10	9762900	5181900	1934800	17313000	1392600	6235100	8804100
Q99733;Q99733-2;C9JZI7;C9J6D1;E9PNW0;E9PJJ2;E9PS34;E9PNJ7;A8MXH2;E9PKT8;E9PP22;E9PKI2;C9J1B1;H0YCI4	Nucleosome assembly protein 1-like 4	NAP1L4	27092000	20616000	931320	47903000	15034000	7030600	26202000
Q99832;Q99832-3;Q99832-4;Q99832-2;F8WAM2;F8WBP8	T-complex protein 1 subunit eta	CCT7	28562000	30030000	7650700	42642000	14785000	21199000	34898000
Q99873-4;E9PKG1;H7C2I1;Q99873-3;Q99873-2;Q99873;E9PIX6;A0A087X1W2;E9PQ98;E9PNR9;H0YDE4;E9PMW9;E9PI83;Q9NR22-2;Q9NR22;E9PMZ2	Protein arginine N-methyltransferase 1	PRMT1	58922000	58492000	28338000	78820000	39069000	38400000	46072000
Q99942	E3 ubiquitin-protein ligase RNF5	RNF5	0	0	0	0	0	278380	0
Q99996-5;Q99996-3;Q99996-2;Q99996;Q99996-6;A0A087WX84;H7BYL6;Q99996-4	A-kinase anchor protein 9	AKAP9	52831	0	0	113630	71598	2153900	293600
Q9BPW8;H7C2U6;C9JDV8;F8WCR5	Protein NipSnap homolog 1	NIPSNAP1	8807100	11382000	1246900	13977000	9668100	14364000	9198700
Q9BPX3;H0Y9Z8	Condensin complex subunit 3	NCAPG	55179	0	0	0	0	0	0
Q9BPX5	Actin-related protein 2/3 complex subunit 5-like protein	ARPC5L	4068500	0	2654800	1384000	0	0	288810
Q9BQ67;M0QX71	Glutamate-rich WD repeat-containing protein 1	GRWD1	40488000	64672000	1487000	5435800	11447000	30740000	8313500
Q9BQA1;Q9BQA1-2;H0Y711	Methylosome protein 50	WDR77	18038000	10017000	6296600	13842000	7812300	1734200	5783800
Q9BQG0;Q9BQG0-2;I3L1L3;I3L2H8	Myb-binding protein 1A	MYBBP1A	134900	244030	0	64183	1616400	0	52577
Q9BQI0-3;Q9BQI0;Q9BQI0-2;A6PVM9;Q5JUP3;Q9BQI0-4	Allograft inflammatory factor 1-like	AIF1L	9909100	0	0	2652900	2060100	3875600	1156500
Q9BQP7;Q5QPE8;Q5QPE7	Mitochondrial genome maintenance exonuclease 1	MGME1	1445900	76804	591780	481800	0	1272700	1107500
Q9BRA2;I3L0K2;I3L3M7;I3L2R6	Thioredoxin domain-containing protein 17	TXNDC17	2582600	2055000	0	4629600	681950	417970	2485000
Q9BRF8-3;Q9BRF8-2;Q9BRF8	Serine/threonine-protein phosphatase CPPED1	CPPED1	0	0	0	758460	0	0	322730
Q9BRG1;K7ENE3;K7EKV4	Vacuolar protein-sorting-associated protein 25	VPS25	0	0	0	1039200	0	0	569700
Q9BRJ6;C9JQV0;H7C0T1;H7C2R9	Uncharacterized protein C7orf50	C7orf50	26128000	31914000	2078200	8982500	26496000	2499300	8044500
Q9BRK5;Q9BRK5-6;H0Y3T6;G3V1E2;Q9BRK5-4;Q9BRK5-3;Q9BRK5-2;Q9BRK5-5	45 kDa calcium-binding protein	SDF4	533180	851650	0	1910500	0	229610	495370
Q9BRP1	Programmed cell death protein 2-like	PDCD2L	1011500	1241700	0	1751100	650680	324000	2125200
Q9BRP8-2;Q9BRP8	Partner of Y14 and mago	WIBG	159410	1324900	0	0	617450	0	263070
Q9BRS2	Serine/threonine-protein kinase RIO1	RIOK1	197400	603470	0	0	0	115120	0
Q9BRT6	Protein LLP homolog	LLPH	1100500	2318500	0	0	3626100	0	0
Q9BRX2	Protein pelota homolog	PELO	0	0	0	79214	0	0	0
Q9BRX5	DNA replication complex GINS protein PSF3	GINS3	0	0	0	213990	0	0	0
Q9BS26	Endoplasmic reticulum resident protein 44	ERP44	2935700	580210	2027700	3885000	401410	5558400	2310800
Q9BSJ8;Q9BSJ8-2	Extended synaptotagmin-1	ESYT1	0	0	0	0	0	0	0
Q9BTE3-2;Q9BTE3;Q9BTE3-3	Mini-chromosome maintenance complex-binding protein	MCMBP	1332800	498580	0	2375600	0	964440	2278200
Q9BTT0;Q9BTT0-3;E9PPH5;Q5TB19;E9PLC4;Q9BTT0-2;E9PI45;Q5TB25	Acidic leucine-rich nuclear phosphoprotein 32 family member E	ANP32E	23999000	18062000	0	21226000	182650	1431300	5417800
Q9BTY7;E9PIX0	Protein HGH1 homolog	HGH1	188600	0	0	1993600	3999100	692500	647520
Q9BUH6;Q9BUH6-2	Protein PAXX	C9orf142	0	0	0	263680	0	106590	155400
Q9BUK6-5;Q9BUK6-7;Q9BUK6-3;Q9BUK6-2;Q9BUK6	Protein misato homolog 1	MSTO1	0	0	0	0	0	304070	0
Q9BUP0;A0A087X1Z2;Q9BUP0-2;C9JTV4;Q8WYH2;H7C0I0	EF-hand domain-containing protein D1	EFHD1;PP1187	2022000	654170	0	0	0	0	0
Q9BUT1;Q9BUT1-2;D6RFG2;D6R9U8;D6RIR6;Q9BUT1-3;D6RBF6;D6R9P2	3-hydroxybutyrate dehydrogenase type 2	BDH2	1118100	343510	0	818030	0	552350	1399400
U3KQC1;Q9BV38;K7EIR0;K7EML4;U3KQK3	WD repeat-containing protein 18	WDR18	9634800	11328000	0	2427400	10867000	0	384840
Q9BV86-2;Q9BV86;S4R344;S4R3J7	N-terminal Xaa-Pro-Lys N-methyltransferase 1;N-terminal Xaa-Pro-Lys N-methyltransferase 1, N-terminally processed	NTMT1	1767300	0	0	887880	912980	0	343380
Q9BVA1	Tubulin beta-2B chain	TUBB2B	827650	1411200	0	949600	0	103990	695750
Q9BVG4;A6NDF3	Protein PBDC1	PBDC1	11997000	5273800	0	5114800	364490	858400	2774700
Q9BVK6	Transmembrane emp24 domain-containing protein 9	TMED9	707030	823080	0	609240	298470	806230	1070500
Q9BVP2-2;Q9BVP2;C9JZT7;B4DMU5;C9JYH9	Guanine nucleotide-binding protein-like 3	GNL3	15055000	24687000	0	2049400	15571000	0	773810
Q9BVS4-2;Q9BVS4;H0Y919	Serine/threonine-protein kinase RIO2	RIOK2	0	1274000	0	0	239990	0	0
Q9BWF3;E9PB51;Q9BWF3-4;Q9BQ04;D6R9K7;J3QRR5;Q9BWF3-3;Q9BWF3-2;E9PLB0;E9PM61;U3KQD5	RNA-binding protein 4;RNA-binding protein 4B	RBM4;RBM4B	2384600	1013900	0	1599900	770620	1090600	2908000
Q9BWJ5	Splicing factor 3B subunit 5	SF3B5	8828100	7647300	5199200	9787400	9761200	5065500	6380700
Q9BXJ9;Q9BXJ9-4;Q6N069-5;Q6N069-4;Q6N069-3;Q6N069-2;Q6N069	N-alpha-acetyltransferase 15, NatA auxiliary subunit	NAA15	2754600	1896500	352920	1804500	1300300	1357200	633960
Q9BXP5-4;Q9BXP5-2;Q9BXP5-3;Q9BXP5;Q9BXP5-5;H7C3A1;H7C1K0;H7C0U8;REV__Q8IWL3;Q58EX7-2;Q58EX7	Serrate RNA effector molecule homolog	SRRT	12339000	24416000	7636100	6887700	7837500	4302300	3218500
Q9BXR0-2;Q9BXR0;K7ESP6;K7EJ21	Queuine tRNA-ribosyltransferase	QTRT1	0	0	239300	609450	680230	307690	370810
Q9BY32-2;Q9BY32	Inosine triphosphate pyrophosphatase	ITPA	381360	0	0	0	0	0	233090
Q9BY44-3;Q9BY44;C9IZE1;F8WAE5;Q9BY44-4;H7C5Q3;H7C5R5;Q9BY44-2	Eukaryotic translation initiation factor 2A;Eukaryotic translation initiation factor 2A, N-terminally processed	EIF2A	435940	404570	0	118910	0	0	53935
Q9BYD2;Q5SZR1	39S ribosomal protein L9, mitochondrial	MRPL9	335130	843380	0	209190	0	0	116370
Q9BYD6;H0YAB5;H0Y8N7	39S ribosomal protein L1, mitochondrial	MRPL1	531160	1326000	0	603870	168370	0	412920
Q9BYG3;H7BZL0;C9J808;C9J6C5	MKI67 FHA domain-interacting nucleolar phosphoprotein	NIFK	2381500	3369700	0	445540	1929300	0	161960
Q9BYN8	28S ribosomal protein S26, mitochondrial	MRPS26	1054400	0	0	2926200	1308500	0	647670
S4R369;Q9BZE1;H0Y4J2;A6NHR2	39S ribosomal protein L37, mitochondrial	MRPL37	145480	133990	0	263680	191180	0	187190
Q9BZE4;Q9BZE4-2;Q9BZE4-3;Q5T3R7	Nucleolar GTP-binding protein 1	GTPBP4	5854900	12669000	20861	360210	10796000	0	295070
Q9BZH6;S4R3Z0	WD repeat-containing protein 11	WDR11	57519	0	0	0	52578	0	26146
Q9BZI7-2;Q9BZI7;A0A087WYC8	Regulator of nonsense transcripts 3B	UPF3B	0	698230	0	0	237170	0	0
Q9BZK3	Putative nascent polypeptide-associated complex subunit alpha-like protein	NACAP1	0	0	0	0	0	0	0
Q9BZK7;C9IYU9;C9JCW4;C9JLJ1;C9JTW8;C9JY82;C9JCK0;C9JBN1;C9JEC9;C9J3H2;C9J903;C9J7E1	F-box-like/WD repeat-containing protein TBL1XR1	TBL1XR1	12646000	9670400	7847700	15298000	6145900	20202000	7288700
Q9BZL1;K7EQ43	Ubiquitin-like protein 5	UBL5	19491000	39843000	11755000	35048000	21299000	18428000	21069000
Q9C005	Protein dpy-30 homolog	DPY30	55635000	41694000	14557000	71132000	25063000	71165000	49820000
Q9C0J8;C9J8B4;Q9C0J8-3;Q9C0J8-2	pre-mRNA 3 end processing protein WDR33	WDR33	0	0	173100	69248	0	1442400	174190
Q9GZL7	Ribosome biogenesis protein WDR12	WDR12	1578600	3640400	0	574210	2599300	700160	1475400
Q9GZN8;Q9GZN8-2;H7BYU9	UPF0687 protein C20orf27	C20orf27	1154400	0	0	2840400	0	0	573710
Q9GZP4;Q9GZP4-2;X6R8S9;X6RHB9	PITH domain-containing protein 1	PITHD1	135680000	247620000	124000000	8632200	268600	5516700	3095000
Q9GZR2	RNA exonuclease 4	REXO4	0	0	0	0	152880	0	0
Q9GZS1-2;Q9GZS1;E7EX70	DNA-directed RNA polymerase I subunit RPA49	POLR1E	4172400	2085700	531720	8386600	9702000	1084500	3651900
Q9GZT3-2;Q9GZT3;A0A087WUN7;H0YJ40;G3V4X6;G3V2S9;H0YJW7;H0YJI1;H0YJ07;H0YJU7	SRA stem-loop-interacting RNA-binding protein, mitochondrial	SLIRP	5072000	2809600	138920	553710	0	1560500	463360
Q9GZU8;H3BUL4;H3BMX9;H3BP64;H3BTP8;H3BSY6;H3BTI2;H3BQQ6;Q6P4H7;H3BSF0;H3BU93;H3BN22;H3BNK9;H3BPH9;H3BPF9	Protein FAM192A	FAM192A;NIP30	39606000	52827000	21608000	402600000	289150000	396960000	228860000
Q9H0D6;Q9H0D6-2	5-3 exoribonuclease 2	XRN2	7043800	9026100	529590	2464500	3763300	226680	1057500
Q9H0S4-2;Q9H0S4;F5H1N9	Probable ATP-dependent RNA helicase DDX47	DDX47	809060	3776200	0	214930	1322100	0	153650
Q9H2C0	Gigaxonin	GAN	0	0	0	0	0	0	0
Q9H2H8;B8ZZ77;H7BZ14;Q9H2H8-2;C9K058;F8WC82;C9J4N2;E9PKJ0;E9PJW4;H0YCG9;Q5T9L3-3	Peptidyl-prolyl cis-trans isomerase-like 3;Peptidyl-prolyl cis-trans isomerase	PPIL3	44160000	36725000	41443000	48360000	33230000	95275000	66181000
Q9H2J4;H7BZP2;C9JST4	Phosducin-like protein 3	PDCL3	517120	465890	0	1643500	1673200	1206300	1465400
Q9H2U1-2;Q9H2U1;Q9H2U1-3;E7EWK3;H7C514;H7C5F5	ATP-dependent RNA helicase DHX36	DHX36	827170	1301400	316910	1208500	1474000	556760	668200
Q9H2W6;A0A087WT90	39S ribosomal protein L46, mitochondrial	MRPL46	1257300	2487900	0	861300	1884500	0	636890
Q9H307;Q9H307-2;G3V5F0;G3V579	Pinin	PNN	368360	1368600	0	456710	194320	97219	289010
Q9H3G5;H7C0X5;H7C218;A0A087WVP6;A0A087WXJ9;C9J6L4;C9JI22;C9JLV0	Probable serine carboxypeptidase CPVL	CPVL	1666900	1120800	180500	2170000	827750	722160	833840
Q9H3K6;Q9H3K6-2;H3BVB5;H3BTW0;H3BVE0	BolA-like protein 2	BOLA2	4278000	2232400	0	8915000	0	0	6304000

Q9H3P7	Golgi resident protein GCP60	ACBD3	540740	0	0	1184300	0	0	323310
Q9H3U1-2;Q9H3U1;Q9H3U1-3	Protein unc-45 homolog A	UNC45A	0	0	0	141180	0	0	277020
Q9H444	Charged multivesicular body protein 4b	CHMP4B	3151000	1457000	0	2074800	210250	381620	1142800
Q9H4A4;A6NKB8;C9JMZ3;A0A087WUS4;A0A087WU27	Aminopeptidase B	RNPEP	1137500	0	0	1786900	375290	58931	554620
Q9H4L4;A0A087X0R7;J3KSF5;J3QRE4;A0A087WV50;J3QL36	Sentrin-specific protease 3	SENP3;SENP3-EIF4A1	681940	798110	0	185520	909420	80697	0
Q9H5U6-2;Q9H5U6-3;Q9H5U6;H0Y8V8;A0A087X0K5	Zinc finger CCHC domain-containing protein 4	ZCCHC4	0	464750	0	0	0	0	0
Q9H6F5;Q9H6F5-2;H0YG79	Coiled-coil domain-containing protein 86	CCDC86	2854400	817220	0	405090	2696800	475700	1538200
Q9H6S0;D6RA70;D6RF50;D6R9T8	Probable ATP-dependent RNA helicase YTHDC2	YTHDC2	837280	1897300	15020	315520	686830	754250	196860
Q9H6T3-3;Q9H6T3-2;Q9H6T3	RNA polymerase II-associated protein 3	RPAP3	0	0	0	0	84329	42590	0
Q9H773;H3BPN2;H3BSA6	dCTP pyrophosphatase 1	DCTPP1	2923300	0	0	3940100	888220	769450	3202400
Q9H7B2;Q5VXN0	Ribosome production factor 2 homolog	RPF2	425910	666320	0	0	1579900	0	0
Q9H7D7-2;Q9H7D7;H0Y9R3;C9JCS7;H0Y917;Q9H7D7-3;Q9H7D7-4	WD repeat-containing protein 26	WDR26	153050	0	0	163770	63933	0	224190
Q9H7E9;Q9H7E9-2	UPF0488 protein C8orf33	C8orf33	3059000	3609800	0	24813000	10554000	0	13037000
Q9H7S9	Zinc finger protein 703	ZNF703	0	0	0	0	221140	1551500	1360000
Q9H814	Phosphorylated adapter RNA export protein	PHAX	784200	0	0	328100	0	0	0
Q9H8H0	Nucleolar protein 11	NOL11	0	0	0	432010	100720	0	0
Q9H8M7;X6R9S5;X6RC97;X6RC30;Q9H8M7-2	Protein FAM188A	FAM188A	0	0	0	371260	0	208190	750880
Q9H8Y8-2;Q9H8Y8;Q9H8Y8-3	Golgi reassembly-stacking protein 2	GORASP2	0	421060	0	649140	0	0	113750
Q9H993	Protein-glutamate O-methyltransferase	ARMT1	282020	0	0	0	0	0	0
Q9H9L3	Interferon-stimulated 20 kDa exonuclease-like 2	ISG20L2	0	225960	0	0	0	0	0
Q9H9L7;B4DQP0;H0YEQ5;Q9H9L7-2	Akirin-1	AKIRIN1	4966700	3856700	0	36758000	10379000	23217000	18400000
Q9H9Y6;Q9H9Y6-3;Q9H9Y6-2;Q9H9Y6-4;Q9H9Y6-5;H7C0D9;C9JJG2;C9JS83;F8WDS4;F8WAK7;F8WBB9;F8WCS3	DNA-directed RNA polymerase I subunit RPA2	POLR1B	2061800	833030	550950	6197100	2644800	1970100	3774000
Q9HAV0;H7C5J5	Guanine nucleotide-binding protein subunit beta-4	GNB4	662120	0	0	0	0	0	0
Q9HAV4;E2QRM3;H0Y9I3	Exportin-5	XPO5	17069	0	0	0	0	0	0
Q9HAV7	GrpE protein homolog 1, mitochondrial	GRPEL1	1796100	143180	0	1409900	0	0	725810
Q9HB71;Q9HB71-3;B2ZWH1;Q9HB71-2	Calcyclin-binding protein	CACYBP	14718000	9393000	546570	16229000	4798000	6824600	8184800
Q9HCC0;Q9HCC0-2;D6RDF7;D6R9R1	Methylcrotonoyl-CoA carboxylase beta chain, mitochondrial	MCCC2	42617000	49896000	27265000	41498000	13121000	36328000	28926000
Q9HCM4-2;Q9HCM4-4;Q9HCM4-3;Q9HCM4	Band 4.1-like protein 5	EPB41L5	558720	2913300	0	436370	1700600	224440	213760
Q9HCN4-3;Q9HCN4-2;Q9HCN4-4;Q9HCN4;Q9HCN4-5	GPN-loop GTPase 1	GPN1	504620	0	0	780590	0	750260	0
Q9HCN8	Stromal cell-derived factor 2-like protein 1	SDF2L1	431710	1282900	0	1120700	313900	1474100	1098300
Q9HCS7	Pre-mRNA-splicing factor SYF1	XAB2	0	136040	0	0	476680	0	0
Q9HDC5	Junctophilin-1	JPH1	797380	582420	0	0	306020	0	0
Q9NPD3;E9PPI9;E9PI41	Exosome complex component RRP41	EXOSC4	1035900	1255500	0	567340	1161500	461740	572270
Q9NPD8	Ubiquitin-conjugating enzyme E2 T	UBE2T	0	0	0	658260	0	0	0
Q9NPE3	H/ACA ribonucleoprotein complex subunit 3	NOP10	0	4052700	0	0	4584900	0	0
Q9NPH2-2;Q9NPH2-3;Q9NPH2;J3QS51	Inositol-3-phosphate synthase 1	ISYNA1	207070	360440	0	0	0	0	1015800
Q9NQ50	39S ribosomal protein L40, mitochondrial	MRPL40	951900	8225600	0	0	1405700	0	0
Q9NQ55-2;Q9NQ55;Q9NQ55-3;A8MV53;H7C446;C9JHF7;C9J3W3	Suppressor of SWI4 1 homolog	PPAN	439410	1742500	0	0	1222800	0	0
Q9NQ88	Fructose-2,6-bisphosphatase TIGAR	TIGAR	249930	0	0	685330	0	0	417130
Q9NQH7-2;Q9NQH7-4;Q9NQH7;Q9NQH7-3;Q9NQH7-5	Probable Xaa-Pro aminopeptidase 3	XPNPEP3	148820	276560	0	551050	0	0	77706
Q9NQR4;F8WF70;H7C579	Omega-amidase NIT2	NIT2	397750	151970	0	314630	0	0	215230
Q9NQT5;Q9NQT5-2	Exosome complex component RRP40	EXOSC3	1232300	668450	0	0	1961300	0	307550
Q9NQX4;H0YM93;H0YMK3;Q9NQX4-2	Unconventional myosin-Vc	MYO5C	457060	117940	21752000	22590000	130450	6531500	19174000
Q9NR09	Baculoviral IAP repeat-containing protein 6	BIRC6	12644	0	0	1191000	797000	1221600	827900
Q9NR28-2;Q9NR28;F5GXT8;F5H796;Q9NR28-3;F5GX50;F5GYH3;H7BZK7;F5H0Q4;H7BZQ7	Diablo homolog, mitochondrial	DIABLO	2907700	1549400	0	6269200	611320	509900	1219700
Q9NR30;Q9NR30-2	Nucleolar RNA helicase 2	DDX21	45845000	97729000	0	7753300	77259000	2627500	8074900
Q9NR33	DNA polymerase epsilon subunit 4	POLE4	0	0	0	0	0	0	935730
Q9NR45;Q5TBR0;Q5TBR1	Sialic acid synthase	NANS	3448100	1006800	0	3520800	150520	1014400	2859500
Q9NRF8	CTP synthase 2	CTPS2	0	0	0	85834	0	0	72939
Q9NRF9;Q8N9C0-2	DNA polymerase epsilon subunit 3	POLE3	0	0	0	744660	0	0	5055300
Q9NRG4-2;Q9NRG4	N-lysine methyltransferase SMYD2	SMYD2	10635000	29082000	0	2875600	0	9788300	2923900
Q9NRR5;Q9NRR5-2	Ubiquilin-4	UBQLN4	0	0	0	1341500	0	1376700	1216300
Q9NRX4-2;Q9NRX4	14 kDa phosphohistidine phosphatase	PHPT1	1223000	901090	0	881600	235030	0	1430400
Q9NS69	Mitochondrial import receptor subunit TOM22 homolog	TOMM22	498510	0	0	1345100	589570	0	581180
Q9NS86	LanC-like protein 2	LANCL2	0	73084	0	471400	1866600	279010	103720
Q9NSD9;Q9NSD9-2;REV__Q6ZSS7	Phenylalanine--tRNA ligase beta subunit	FARSB	370160	76945	0	299130	0	0	0
Q9NSE4	Isoleucine--tRNA ligase, mitochondrial	IARS2	109630	121760	0	188920	112560	0	234800
Q9NT62-2;Q9NT62;F8WDI0;C9JNW8	Ubiquitin-like-conjugating enzyme ATG3	ATG3	121880	0	0	230100	0	0	0
Q9NTZ6;A6PVI1;A6PVI0;Q5JX62	RNA-binding protein 12	RBM12	0	0	0	86695	0	0	0
Q9NU22	Midasin	MDN1	0	0	0	9572.2	42994	0	0
Q9NUD5;Q9NUD5-2	Zinc finger CCHC domain-containing protein 3	ZCCHC3	1103400	1741400	0	237800	836940	0	203580
Q9NUJ1;Q9NUJ1-2;Q9NUJ1-3;F8WBJ5;F8WBQ6	Mycophenolic acid acyl-glucuronide esterase, mitochondrial	ABHD10	253650	773030	0	2059100	0	22506000	273660
Q9NUL7	Probable ATP-dependent RNA helicase DDX28	DDX28	1848200	836400	56917	780690	1013400	0	544020
Q9NUP9;G3V1D4;H0YI92;H0YIA8;O14910;Q9HAP6	Protein lin-7 homolog C	LIN7C	4590800	3077400	313090	8739300	2157300	4089400	3281600
Q9NUQ9-2;A0A087X178;Q9NUQ9;Q9H0Q0	Protein FAM49B	FAM49B	287190	660240	0	962750	670900	3118600	1342200
Q9NVH0-2;Q9NVH0	Exonuclease 3-5 domain-containing protein 2	EXD2	440170	309940	0	155010	255850	0	0
Q9NVP1;H7C452	ATP-dependent RNA helicase DDX18	DDX18	1082300	4153500	0	714740	4508700	557070	0
Q9NVP2;K7ELW9	Histone chaperone ASF1B	ASF1B	0	0	0	0	0	0	1304400
Q9NVR0	Kelch-like protein 11	KLHL11	0	0	0	140280	115690	0	127370
Q9NVS9-2;Q9NVS9-4;Q9NVS9-3;Q9NVS9	Pyridoxine-5-phosphate oxidase	PNPO	603990	0	0	1403100	0	0	0
Q9NVV4;Q9NVV4-2	Poly(A) RNA polymerase, mitochondrial	MTPAP	107810	673840	0	0	475580	0	0
Q9NVX2;K7ERN7	Notchless protein homolog 1	NLE1	683540	267920	262760	0	738700	424510	397110
Q9NW13;Q9NW13-2;H7C5G8;C9JE21;C9JAA9	RNA-binding protein 28	RBM28	688300	2977600	35067	0	1702300	0	0
Q9NW64-2;Q9NW64;E5RJW4	Pre-mRNA-splicing factor RBM22	RBM22	1983300	3376400	161080	1046100	1013200	167710	0
Q9NWK9;Q9NWK9-2	Box C/D snoRNA protein 1	ZNHIT6	194660	20920	0	68052	0	0	0
Q9NWV4;B1ARP7	UPF0587 protein C1orf123	C1orf123	6288600	4996100	0	3540100	2963300	0	3548800
Q9NWX6	Probable tRNA(His) guanylyltransferase	THG1L	0	0	0	464480	197560	214930	591970
Q9NX09	DNA damage-inducible transcript 4 protein	DDIT4	0	0	0	10338000	9551700	9757200	8868600
Q9NX31	Oxidative stress-responsive serine-rich protein 1	OSER1	0	0	0	757690	0	1088600	988360
Q9NX46	Poly(ADP-ribose) glycohydrolase ARH3	ADPRHL2	175280	0	0	216590	0	0	0
Q9NX55	Huntingtin-interacting protein K	HYPK	2990300	1864900	0	0	0	0	0
Q9NX58;D6RDJ1	Cell growth-regulating nucleolar protein	LYAR	7555100	16416000	706300	0	16150000	153750	0
Q9NXF1-2;Q9NXF1	Testis-expressed sequence 10 protein	TEX10	370980	1042400	0	0	724190	0	0
Q9NXG2;H3BNW0	THUMP domain-containing protein 1	THUMPD1	1514300	344550	0	0	251860	151960	392080
Q9NXH9-2;Q9NXH9;K7EQQ8;K7EQY6;K7ENI9;K7ERR5;K7EQU7;K7EJX9	tRNA (guanine(26)-N(2))-dimethyltransferase	TRMT1	1097200	894900	0	952330	0	221460	620860
Q9NXW9-2;Q9NXW9	Alpha-ketoglutarate-dependent dioxygenase alkB homolog 4	ALKBH4	0	0	0	0	0	0	623450
Q9NY12-2;Q9NY12	H/ACA ribonucleoprotein complex subunit 1	GAR1	3262200	4455000	0	0	0	0	0
Q9NY27-3;Q9NY27;Q9NY27-2;F8WDK3;F8WCA1;C9IZ04	Serine/threonine-protein phosphatase 4 regulatory subunit 2	PPP4R2	0	0	0	551660	0	0	118690
Q9NY93;Q9NY93-2;H7C3E9;G3V0G3;F8WDT8;H7BZN7;F8WEI3	Probable ATP-dependent RNA helicase DDX56	DDX56	3333900	3955500	74058	2205200	7249700	1408300	1799800
Q9NYB0;H3BMI8	Telomeric repeat-binding factor 2-interacting protein 1	TERF2IP	778120	0	0	1238700	0	791420	598990
Q9NYL9;H0YNJ8;H0YKU1;H0YNU8;Q15911-2;Q15911	Tropomodulin-3	TMOD3	38437000	6545000	21198000	41864000	21378000	70996000	32357000
Q9NYU2-2;Q9NYU2;H7BZG0	UDP-glucose:glycoprotein glucosyltransferase 1	UGGT1	318350	88165	191540	664210	100210	522110	434740
Q9NZ01;M0R3C3;Q9NZ01-2	Very-long-chain enoyl-CoA reductase	TECR	0	0	0	0	768650	0	0
Q9NZB2;Q9NZB2-6;Q9NZB2-4;Q9NZB2-2;Q9NZB2-5;Q5T035;F8W881;Q9NX05	Constitutive coactivator of PPAR-gamma-like protein 1	FAM120A	9736000	9897500	51999	6054100	6723800	680170	4116300
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	151540000	172420000	4857400	146020000	160520000	17931000	77016000
Q9NZL4;Q9NZL4-3;Q9NZL4-2;K7EL16;K7EN20;K7ERT9;K7EKM6;K7EMM7	Hsp70-binding protein 1	HSPBP1	956170	0	0	1873500	651910	480390	107550
Q9NZL9;Q9NZL9-3;Q9NZL9-4;Q9NZL9-2;E5RJR3;H7C0X7;Q9NZL9-5	Methionine adenosyltransferase 2 subunit beta	MAT2B	3009100	1007600	0	2211200	361840	325150	1620200
Q9NZM5;M0QZ34;M0QZU5;M0QYZ9;M0QX73	Glioma tumor suppressor candidate region gene 2 protein	GLTSCR2	401740	0	0	0	1807200	0	0
Q9NZT1	Calmodulin-like protein 5	CALML5	1291900	1588900	2323700	715440	1594300	9543300	2822800
Q9NZZ3-2;Q9NZZ3	Charged multivesicular body protein 5	CHMP5	0	0	0	541190	0	0	0
Q9P0J7	E3 ubiquitin-protein ligase KCMF1	KCMF1	0	0	0	0	0	213550	0
Q9P0L1;C9J6L6;J3KT56;H3BNI0;A0A087WUV0;A0A087WYZ0;P0CG24;P58317;P15622-2;P17036;P17023-2;P17023;Q86W11;Q96NJ6;Q9HBT8-2;Q9HBT8;Q5MCW4-2;Q8NF99;Q6ZMS4;P15622-3;P15622;P17032;Q8N883;P17027-2;P17027;Q5MCW4;Q4V348;Q5TYW1	Zinc finger protein with KRAB and SCAN domains 7;Zinc finger protein 883;Zinc finger protein 121;Zinc finger protein 250;Zinc finger protein 3;Zinc finger protein 19;Zinc finger and SCAN domain-containing protein 30;Zinc finger protein 3 homolog;Zinc finger protein 286A;Zinc finger protein 569;Zinc finger protein 397;Zinc finger protein 852;Zinc finger protein 37A;Zinc finger protein 614;Zinc finger protein 23;Zinc finger protein 658B;Zinc finger protein 658	ZKSCAN7;ZNF19;ZNF852;ZNF883;ZNF121;ZNF250;ZNF3;ZSCAN30;ZFP3;ZNF286A;ZNF569;ZNF397;ZNF37A;ZNF614;ZNF23;ZNF658B;ZNF658	513830	109090	0	0	0	0	0
Q9P0P0;C9J1C6;F8WBU5;C9J391;H7C426	E3 ubiquitin-protein ligase RNF181	RNF181	2593800	9263600	0	189100000	171940000	206430000	120400000
Q9P1U0	DNA-directed RNA polymerase I subunit RPA12	ZNRD1	0	0	0	1615000	805300	1295500	2137000
Q9P258	Protein RCC2	RCC2	190570	736540	0	0	147970	0	155520
Q9P287-4;Q9P287-3;Q9P287;Q9P287-2	BRCA2 and CDKN1A-interacting protein	BCCIP	847430	0	0	206710	0	3083200	4280100
Q9P2I0;H0YJF4	Cleavage and polyadenylation specificity factor subunit 2	CPSF2	19996000	9122400	10758000	38524000	11395000	27468000	25203000
Q9P2J5;Q9P2J5-2;Q9P2J5-3;A0A087WXY1	Leucine--tRNA ligase, cytoplasmic	LARS	5112200	2117700	306660	7338800	789400	3833100	4894000
Q9P2K8-2;Q9P2K8;H0YME5;Q9P2K8-3;H0YND8	Eukaryotic translation initiation factor 2-alpha kinase 4	EIF2AK4	70481	0	0	0	0	0	154810
Q9P2R7-2;Q9P2R7;Q5T9Q5	Succinyl-CoA ligase [ADP-forming] subunit beta, mitochondrial	SUCLA2	0	0	0	684860	0	0	274940
Q9UBB4;Q9UBB4-2;B1AHE4;B1AHE3;H0Y7N2	Ataxin-10	ATXN10	1018600	347300	0	2993900	570000	962410	2377100
Q9UBB9;Q9UBB9-2;H0Y4U8	Tuftelin-interacting protein 11	TFIP11	0	0	0	55877	48773	0	25580
Q9UBI6	Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-12	GNG12	49333000	3109800	0	5727000	2112500	1016700	5691900
Q9UBP6;F8VSD9;H0YHX0;H0YIH0;Q9UBP6-2	tRNA (guanine-N(7)-)-methyltransferase	METTL1	473480	0	0	395660	0	0	863720
Q9UBS4;H7C2Y5	DnaJ homolog subfamily B member 11	DNAJB11	3756300	1381500	664450	6818700	0	6365300	1902800
Q9UBT2;Q9UBT2-2;K7EPL2;K7ESK7;U3KQ93;U3KQ55;K7ES38	SUMO-activating enzyme subunit 2	UBA2	8535800	5920400	0	11412000	279860	434800	1800900
Q9UBV8	Peflin	PEF1	0	0	1661400	23986000	6678800	8373700	6070600
Q9UG63;Q9UG63-2;C9JHK9;C9JZV3	ATP-binding cassette sub-family F member 2	ABCF2	3316100	7498100	0	0	5772700	0	289510
Q9UGI8-2;Q9UGI8;F8W7T0	Testin	TES	751350	0	0	643410	0	0	525260
Q9UHB6-4;Q9UHB6;Q9UHB6-5;F8VQE1;Q9UHB6-2;F8VRN8;F8VS07;Q9UHB6-3;F8VTU2;F8VVQ7;J3QQM5;Q9BT23	LIM domain and actin-binding protein 1	LIMA1	20641000	439500	1973000	4126300	8523900	5575500	3542000
Q9UHB9;Q9UHB9-4;Q9UHB9-2;Q9UHB9-3	Signal recognition particle subunit SRP68	SRP68	14171000	7363300	0	798940	6583700	114340	732330
Q9UHD1;Q9UHD1-2;E9PPQ5;E9PIZ4;E9PSD5;E9PHZ2;E9PL00;E9PIF7	Cysteine and histidine-rich domain-containing protein 1	CHORDC1	1741100	1313300	0	3150400	0	0	1351900
Q9UHD8-3;Q9UHD8-7;Q9UHD8-2;Q9UHD8-5;Q9UHD8;K7EK18;K7EL40;Q9UHD8-4;Q9UHD8-9;Q9UHD8-8;K7ER52;K7EIE4;K7ER14;K7EQD7;K7EIR4;K7EKN4;K7EN52;K7ENQ5;K7EJZ2;K7ELJ9	Septin-9	40057	679350	171400	0	0	121710	427180	0
Q9UHD9	Ubiquilin-2	UBQLN2	627310	0	0	3986600	2968900	5321300	2288800
Q9UHJ6	Sedoheptulokinase	SHPK	115600	0	0	175700	0	313340	65575
Q9UHV9	Prefoldin subunit 2	PFDN2	6756800	4079100	0	11275000	0	2306700	8024600
Q9UHX1-6;Q9UHX1-5	Poly(U)-binding-splicing factor PUF60	PUF60	76822000	42415000	39919000	111390000	46946000	118590000	69122000
Q9UI14;M0R1H9;M0R3D4;M0QXU8;M0QXH1	Prenylated Rab acceptor protein 1	RABAC1	0	0	0	2283300	784560	1623700	2853000
Q9UII2	ATPase inhibitor, mitochondrial	ATPIF1	5501600	4689000	1788300	0	0	9678500	3940700
Q9UJP4-2;Q9UJP4	Kelch-like protein 21	KLHL21	0	0	0	203640	0	0	87506
Q9UJW0;Q9UJW0-3;Q9UJW0-2;E5RI97;E5RGG1;H9KVE0	Dynactin subunit 4	DCTN4	620770	0	0	506290	226580	0	169260
Q9UK45;K7ENY5;A0A087X2I5;K7EML7	U6 snRNA-associated Sm-like protein LSm7	LSM7	0	3136300	0	2950800	728710	673150	636020
Q9UKB1-2;Q9UKB1-3;Q9UKB1	F-box/WD repeat-containing protein 11	FBXW11	1636500	228740	0	0	0	0	0
Q9UKD2	mRNA turnover protein 4 homolog	MRTO4	4610100	9549700	0	515200	4852000	0	0
Q9UKF6;G5E9W3;C9JZH6	Cleavage and polyadenylation specificity factor subunit 3	CPSF3	51870000	22078000	70071000	99985000	23891000	115360000	63209000
Q9UKV8-2;Q9UKV8;Q9H9G7-2;Q9H9G7;Q5TA58;Q9UL18	Protein argonaute-2;Protein argonaute-3	AGO2;AGO3	128460	70788	0	109330	0	78907	147130
Q9UKX7-2;Q9UKX7;B0QY21	Nuclear pore complex protein Nup50	NUP50	0	0	0	514810	66410	475080	190030
Q9UKY7-2;Q9UKY7;H0Y8K3;D6RFH2;D6RDN0;D6R9V8;Q9UKY7-3	Protein CDV3 homolog	CDV3	1494400	0	0	3565000	0	0	1335300
Q9UL25	Ras-related protein Rab-21	RAB21	319570	0	0	964350	0	0	118760
Q9UL42	Paraneoplastic antigen Ma2	PNMA2	0	0	0	944630	500080	187600	662370
Q9UL63;F8WEY7;C9J7E8;Q9UL63-2	Muskelin	MKLN1	99404	0	0	172660	103210	131360	123160
Q9ULC4-2;Q9ULC4;Q9ULC4-3	Malignant T-cell-amplified sequence 1	MCTS1	2868900	1553700	0	1410100	0	0	560140
Q9ULE4	Protein FAM184B	FAM184B	0	0	0	0	0	0	0
Q9ULE6	Paladin	PALD1	42400	0	0	0	295280	0	0
Q9ULJ8;Q9ULJ8-4;Q9ULJ8-5;Q9ULJ8-3	Neurabin-1	PPP1R9A	88852	0	89845	356400	181650	283890	36786
Q9ULR0;Q9ULR0-2;Q9ULR0-1;D6RC18;A8MVI5	Pre-mRNA-splicing factor ISY1 homolog	ISY1	0	744390	0	623340	291300	0	206690
Q9ULX3;H3BUR4	RNA-binding protein NOB1	NOB1	1756900	2296600	0	301910	1121300	0	0
Q9UM54-6	Unconventional myosin-VI	MYO6	1677400	296800	9394500	5821800	12719000	9507700	4005800
Q9UMS4;F5GY56;H0YGF3;F5H2I0;H0YGZ5	Pre-mRNA-processing factor 19	PRPF19	9307500	8393700	635980	6222200	9707900	2050500	5811200
Q9UMX0-2;Q9UMX0;H0YDS0	Ubiquilin-1	UBQLN1	7618300	2952800	0	15257000	4417000	4622700	11079000
Q9UN86-2;Q9UN86;D6RGJ4;D6RAC7;D6RB17;D6RBM9;D6REX8;D6RBR0;D6RE13;D6RBW8;E5RH00;D6R9X5;D6R9A4	Ras GTPase-activating protein-binding protein 2	G3BP2	3362300	3290600	673500	2197700	3580000	2311600	2512200
Q9UNE7;Q9UNE7-2;H3BS86;H3BTA3;H3BUD0;Q07617	E3 ubiquitin-protein ligase CHIP	STUB1	14532000	29659000	9953400	21968000	12904000	25417000	11799000
Q9UNF0-2;Q9UNF0;B0QYG7;B0QYG8	Protein kinase C and casein kinase substrate in neurons protein 2	PACSIN2	0	0	0	1276200	0	116610	516510
Q9UNM6;J3KNQ3;Q9UNM6-2;A0A087WUL9;E9PL38;H0YD73;E9PQG3;E9PPD2;F8W8J6	26S proteasome non-ATPase regulatory subunit 13	PSMD13	1091300000	1094700000	795480000	1900800000	1210200000	1572200000	1191100000
Q9UNQ2;D6RCL3	Probable dimethyladenosine transferase	DIMT1	1365100	4799300	0	750630	2878300	0	153870
Q9UNS2;H7C3P9;Q9UNS2-2;J3QL22;J3QS85;J3KTQ1;J3QKR0;C9JLV5	COP9 signalosome complex subunit 3	COPS3	69212	0	0	218500	221890	320280	576630
Q9UNX3;E5RIT6;E5RHH1	60S ribosomal protein L26-like 1	RPL26L1	347350000	496590000	4476000	92438000	456710000	19617000	80850000
Q9UNZ2;Q9UNZ2-5;Q9UNZ2-6;F2Z2K0;Q9UNZ2-4;R4GNE6	NSFL1 cofactor p47	NSFL1C	766920	0	0	2219700	285090	632980	634170
Q9UPN7	Serine/threonine-protein phosphatase 6 regulatory subunit 1	PPP6R1	152110	113820	0	0	0	0	233480
Q9UPY3-2;Q9UPY3;H0YJZ6;Q9UPY3-3	Endoribonuclease Dicer	DICER1	59501	79055	0	128570	0	0	200010
Q9UQ35;Q9UQ35-2;I3L4D8;I3L182;I3L3Q8;I3L1I8;Q9UQ35-3;I3L4U6;I3L1C0;A0A087X1W1	Serine/arginine repetitive matrix protein 2	SRRM2	1700900	4533700	442300	1764100	1513000	1517400	1012200
Q9UQ80;F8VR77;F8W0A3;H0YIN7;F8VZ69	Proliferation-associated protein 2G4	PA2G4	193800000	216220000	23432000	238970000	206540000	68010000	147570000
Q9UQE7	Structural maintenance of chromosomes protein 3	SMC3	0	0	0	96685	0	52780	139310
Q9Y224;G3V4C6;H0YJB9;G3V4E7	UPF0568 protein C14orf166	C14orf166	2739700	2866900	0	0	1022300	0	420810
Q9Y230;Q9Y230-2;M0R0Y3;X6R2L4;M0R0Z0;M0QXI6;M0QXZ7	RuvB-like 2	RUVBL2	16103000	18497000	6307700	43845000	12773000	27331000	30053000
Q9Y244	Proteasome maturation protein	POMP	149460000	259260000	83012000	201540000	204570000	190740000	120510000
Q9Y265;Q9Y265-2;E7ETR0;H7C4G5;J3QLR1;H7C4I3	RuvB-like 1	RUVBL1	26159000	13982000	6294000	29032000	9902500	36459000	19193000
Q9Y266	Nuclear migration protein nudC	NUDC	12328000	11562000	0	10269000	2787600	174470	5076300
Q9Y277;Q9Y277-2	Voltage-dependent anion-selective channel protein 3	VDAC3	864090	272620	0	421400	0	0	0
Q9Y281;Q9Y281-3;F8WDN3;G3V2U0	Cofilin-2	CFL2	724210	375940	492140	1196400	0	0	1665100
Q9Y285-2;Q9Y285;K7ER00;K7EK06;K7ER16;K7EPH2	Phenylalanine--tRNA ligase alpha subunit	FARSA	1559400	902120	0	1237900	645190	540650	258370
Q9Y294;K7ES22	Histone chaperone ASF1A	ASF1A	301520	0	0	4224100	0	4517400	403480
Q9Y295	Developmentally-regulated GTP-binding protein 1	DRG1	624390	963980	0	492360	599640	0	351710
Q9Y2I1;C9J715;Q9Y2I1-4;Q9Y2I1-3;Q9Y2I1-2	Nischarin	NISCH	32254	0	0	82903	0	0	0
Q9Y2J2-2;Q9Y2J2-4;Q9Y2J2;Q9Y2J2-3;J3KT37;J3QS83;J3QS55;J3QRQ6;J3KS70;J3QLU5;J3QKY2;J3KRD1;J3QKK4;J3QR33	Band 4.1-like protein 3;Band 4.1-like protein 3, N-terminally processed	EPB41L3	900820	931670	81029	2524400	807910	905730	3053200
Q9Y2L1;F2Z2C0;G3V1J5;Q9Y2L1-2	Exosome complex exonuclease RRP44	DIS3	744040	346460	0	901210	118530	254110	464090
Q9Y2P8	RNA 3-terminal phosphate cyclase-like protein	RCL1	0	0	0	0	309520	0	0
Q9Y2S0;A0A087X0U2;Q9Y2S0-2	DNA-directed RNA polymerases I and III subunit RPAC2	POLR1D	1098600	1131400	0	6105400	0	1583900	3722400

Q9Y2W1	Thyroid hormone receptor-associated protein 3	THRAP3	31167	48083	85893	0	0	125530	0
Q9Y2X3;H7BZT2	Nucleolar protein 58	NOP58	229260	595060	0	0	599400	3693900	798650
Q9Y2Z0-2;Q9Y2Z0	Suppressor of G2 allele of SKP1 homolog	SUGT1	910510	0	484360	0	0	0	339280
Q9Y333	U6 snRNA-associated Sm-like protein LSm2	LSM2	0	0	6688900	0	0	0	0
Q9Y383;Q96IH9-2;Q9Y383-3;Q9Y383-2;B8ZZ10;A8MYV2;Q9NQ29-2;Q9NQ29-3;Q9NQ29;V9GZ75;F8WEU3;B8ZZ09	Putative RNA-binding protein Luc7-like 2	LUC7L2	830640	1435200	782050	970330	1038700	1950900	1247600
Q9Y3A4	Ribosomal RNA-processing protein 7 homolog A	RRP7A	210450	0	0	0	535580	0	0
Q9Y3B4	Splicing factor 3B subunit 6	SF3B6	7064900	3386500	3176900	4259600	15458000	3668200	1507200
Q9Y3B7-2;Q9Y3B7;H0YCD5;Q9Y3B7-3	39S ribosomal protein L11, mitochondrial	MRPL11	955790	0	0	0	0	0	0
Q9Y3B9	RRP15-like protein	RRP15	271540	1019300	0	0	827970	0	0
Q9Y3C1;D6RIC3;A0A087X2G6;Q6PIM0;Q9Y3C1-2;A0A087X1T1;D6RC60;A0A087WU10	Nucleolar protein 16	NOP16	660860	1661500	0	0	3049500	0	0
Q9Y3C6	Peptidyl-prolyl cis-trans isomerase-like 1	PPIL1	14150000	18708000	3731000	17819000	3701000	9682100	9260800
Q9Y3F4;Q9Y3F4-2;H0YH33	Serine-threonine kinase receptor-associated protein	STRAP	18163000	15738000	3895400	29381000	11568000	16237000	22058000
Q9Y3I0	tRNA-splicing ligase RtcB homolog	RTCB	1035500	2276100	0	0	948210	0	0
Q9Y3I1;Q9Y3I1-3;Q9Y3I1-2;F8WB8R0;F8WDR9	F-box only protein 7	FBXO7	352870	1232600	2421800	2133300	0	725140	100280
Q9Y3T9	Nucleolar complex protein 2 homolog	NOC2L	0	0	0	0	355880	0	0
Q9Y3U8;J3QSB5;J3KTD3	60S ribosomal protein L36	RPL36	454050000	412100000	0	41492000	387000000	8986800	44189000
X6R700;Q9Y3Y2-4;Q9Y3Y2;Q9Y3Y2-3;A0A087X187	Chromatin target of PRMT1 protein	CHTOP	1512600	2210400	0	0	2515400	0	0
Q9Y450-4;Q9Y450;B7Z524;H0YDX7;I3QT46;H0YES5;E9PHZ9;E9P553;E9P190;E9PN23;G5E991;E9PMN1;E9PLR4;Q9Y450-2	HBS1-like protein	HBS1L	566630	846570	0	38607	352390	184090	110090
Q9Y490;H0YMT1;Q9Y4G6	Talin-1	TLN1	437070	313440	0	436870	37842	39431	294440
Q9Y4C2-2;Q9Y4C2	TRPM8 channel-associated factor 1	TCAF1	0	0	126430	746590	510100	218580	460350
Q9Y4E8-2;Q9Y4E8-3;Q9Y4E8;Q9Y4E8-4;F8WW0H4;H0YI31;F8VZG8;F8VVY7;H0YHM4;H0YI26;H7C189;Q13107-2;Q13107	Ubiquitin carboxyl-terminal hydrolase 15	USP15	679540	121430	98076	1540500	323480	411470	993050
Q9Y4L5	E3 ubiquitin-protein ligase RNF115	RNF115	0	0	0	1132600	789020	563470	516230
Q9Y4W2-2;Q9Y4W2;Q9Y4W2-3;Q9Y4W2-4	Ribosomal biogenesis protein LAS1L	LAS1L	616830	879380	0	222040	738520	0	125510
V9GZ56;Q9Y4Z0;U3KQS7;U3KQK1;M0QX80	U6 snRNA-associated Sm-like protein LSm4	LSM4	4661700	13341000	168290	2343200	2459000	4047400	10386000
Q9Y5B6-3;Q9Y5B6-4;Q9Y5B6-2;Q9Y5B6	PAXI- and PAX7-binding protein 1	PAXBP1	0	0	660380	0	311820	706370	112570
Q9Y5B8-2;Q9Y5B8;E9PNU1;B4DXC8	Nucleoside diphosphate kinase 7	NME7	145500	389650	0	392020	1178500	2020900	337230
Q9Y5B9;G3V5A4;G3V401;G3V2X0	FACT complex subunit SPT16	SUPT16H	1201200	1492500	0	0	214080	0	0
Q9Y5J9;E9PIR3;G3XAN8	Mitochondrial import inner membrane translocase subunit Tim8 B	TIMM8B	3304400	3077100	1880300	0	4592300	3113400	1317300
Q9Y5L4;K7EIT2	Mitochondrial import inner membrane translocase subunit Tim13	TIMM13	21505000	18033000	0	24623000	9647000	11169000	11421000
Q9Y5M8;H7C4H2	Signal recognition particle receptor subunit beta	SRPRB	2224400	524920	0	2399100	404170	0	652600
Q9Y5P6;Q9Y5P6-2	Mannose-1-phosphate guanyltransferase beta	GMPPB	423910	0	0	0	0	0	153560
Q9Y5Q9;H7C0C0;Q9Y5Q9-2	General transcription factor 3C polypeptide 3	GTF3C3	0	0	0	0	0	0	81679
Q9Y5S9;Q9Y5S9-2	RNA-binding protein 8A	RBM8A	17549000	20951000	3830600	21271000	9419900	5804400	8417300
Q9Y5T5-2;Q9Y5T5;Q9Y5T5-3;Q9Y5T5-5;Q9Y5T5-4;H9KVB6	Ubiquitin carboxyl-terminal hydrolase 16	USP16	381400	529880	0	86584	937590	0	0
Q9Y5V3;Q9Y5V3-2	Melanoma-associated antigen D1	MAGED1	0	0	0	153540	109170	82745	50578
Q9Y5Z4;Q5THN1;Q9Y5Z4-2	Heme-binding protein 2	HEBP2	2425800	0	0	2326900	355700	615000	1664400
Q9Y608-4;Q9Y608;Q9Y608-2;Q9Y608-5;C9JSU1;Q9Y608-3;H7C3N9;C9JIC9;C9JC17;C9J321;C9JIU5	Leucine-rich repeat flightless-interacting protein 2	LRRFIP2	9279300	6143500	8708500	13878000	10571000	10759000	10780000
Q9Y617;Q9Y617-2	Phosphoserine aminotransferase	PSAT1	10255000	3694700	147150	11130000	1729600	2595600	7562700
Q9Y657	Spindlin-1	SPIN1	336980	1093900	0	0	0	77081	0
Q9Y676	28S ribosomal protein S18b, mitochondrial	MRPS18B	724670	1254900	0	285050	1649300	0	449870
Q9Y678	Coatomer subunit gamma-1	COPG1	231830	0	0	264070	0	0	0
Q9Y696	Chloride intracellular channel protein 4	CLIC4	2225900	1868600	0	344890	0	0	1998800
Q9Y6A4	Cilia- and flagella-associated protein 20	CFAP20	0	817470	220030	0	123430	2032400	514090
Q9Y6U3;Q9Y6U3-2;Q9Y6U3-3;E5RHN8;E5RHX6;F8WBX5;C9JGB6	Adseverin	SCIN	1399400	0	0	168520	415340	367770	519300
Q9Y6V7;M0R1S2;M0QZC0;M0R0K1	Probable ATP-dependent RNA helicase DDX49	DDX49	0	866740	0	0	534340	0	0
Q9Y6Y8-2;Q9Y6Y8;H7C4C4;H7C0V8	SEC23-interacting protein	SEC23IP	166140	0	0	0	0	0	86357
B4DNH3;E9PNS0		PSMC3	1308700000	1947500000	788750000	2276800000	1449000000	1422700000	1465700000
S4R3H4;E7EQT4;Q9UKV3-5;Q9UKV3;G3V3B0;Q9UKV3-3;Q9UKV3-2;G3V3T3;A0A087WYN3	Apoptotic chromatin condensation inducer in the nucleus	ACIN1	374040	796600	44907	67117	61495	0	35087
X6RAL5;O00422;U3KQ12;U3KPY7;H7BZW6	Histone deacetylase complex subunit SAP18	SAP18	169730	0	0	1215600	194750	0	0

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

			Normalized values (each value/ average of 20S CP subunits level)									Average			Fold change (MG132 6 h / DMSO)		Fold change (MG132 12 h / DMSO)	
Protein IDs	Protein names	Gene names	DMSO #1	DMSO #2	DMSO #3	MG132 6 h #1	MG132 6 h #2	MG132 6 h #3	MG132 12 h #1	MG132 12 h #2	MG132 12 h #3	DMSO_average	MG132 6 h_average	MG132 12 h_average	MG132 6 h / DMSO	p-value	MG132 12 h / DMSO	p-value
A00006;P49721	Proteasome subunit beta type-2	PSMB2	0.652318537	0.825973376	0.615216845	0.773050434	0.788279215	0.765015113	0.782409187	0.83245072	0.544022929	0.697836253	0.775448254	0.719627612	1.11121807	0.300454767	1.031227038	0.852848646
A00007;O00487;C9JW37	26S proteasome non-ATPase regulatory subunit 14	PSMD14	0.167353312	0.106724104	0.057538402	0.269588044	0.151295665	0.232583395	0.251169276	0.210098978	0.136729912	0.110538606	0.217822368	0.199332722	1.970554688	0.085510479	1.803286014	0.126622824
A0A024QZ42;O75340;O75340-2;H0Y9X3;A0A087WZ38	Programmed cell death protein 6	PDCD6	0.001684467	0	0	0.004482013	0	0.000442839	0.001745069	0.000576105	0	0.000561489	0.001641617	0.000773725	2.923685419	0.519801893	1.377986942	0.794099518
A0A024QZX5;A0A087X1N8;P35237	Serpin B6	SERPINB6	8.34178E-05	0	0	0	0	0	0.000129054	0	0	2.78059E-05	0	4.3018E-05	0	0.373900966	1.547078973	0.781264145
A0A075B6F6;Q8TCT9-5;Q8TCT9;Q8TCT9-4;Q8TCT9-2	Minor histocompatibility antigen H13	HM13	4.26143E-05	0	0	0.000251429	0.000256959	0.00017803	0.000151051	0.000144898	0.000129587	1.42048E-05	0.000228806	0.000141845	16.1076755	0.001810225	9.98573945	0.001206966
A0A075B6L0;A0A075B6K9;A0A075B6K8;A0A087WWC9;A0A087WXC3;A0A087WWU7;A0A087WYN7;A0A087WWT5;A0A087WU42;A0A087X2A1;A0A087WYR4;A0A087WX49;P0CG06;P0CG05;P0CG04;P0CF74;B9A064	Ig lambda-3 chain C regions;Ig lambda-2 chain C regions;Ig lambda-1 chain C regions;Ig lambda-6 chain C region;Immunoglobulin lambda-like polypeptide 5	IGLC3;IGLC2;IGLC1;IGLL5;IGLC6	0.000363934	0.000403156	0.000559757	0.000110327	0.00080808	0.000728624	0.000313372	0	0.001024236	0.000442282	0.00054901	0.00044587	1.24131203	0.664757964	1.008110487	0.991289421
A0A075B6N9;A0A087X2C0;A0A087WYJ9;P04220;P01871;P01871-2	Ig mu heavy chain disease protein;Ig mu chain C region	IGHM	0.000483391	0	0	0.000268804	0	0	0.000339917	0	0	0.00016113	8.96015E-05	0.000113306	0.556080997	0.717801615	0.7031941	0.8201111
H0YN88;A0A075B716;P0CW22;P08708;H0YN73;H3BNC9	40S ribosomal protein S17-like;40S ribosomal protein S17	RPS17;RPS17L	0.085553036	0.07879833	0.000586674	0.030568239	0.147169835	0.005824674	0.015778779	0.034777602	0.004753967	0.054979347	0.061187583	0.018436783	1.112919419	0.90969974	0.335340156	0.271055313
A0A075B7D9;Q92804-2;Q92804;A0A075B7E4;A0A075B7F2;A0A075B7F4	TATA-binding protein-associated factor 2N	TAF15	0.000683165	0.000162472	0	0.000509553	0	0	0.00041325	8.35995E-05	0	0.000281879	0.000169851	0.000165616	0.602566181	0.696381158	0.587543703	0.655499691
E2QRB9;E9PIR7;F8W809;A0A087WSW9;E9PNQ6;A0A087WSY9;Q16881-7;Q16881-5;Q16881-2;Q16881-4;Q16881-3;Q16881-6;Q16881;E9PKD3	Thioredoxin reductase 1, cytoplasmic	TXNRD1	0.000299104	0.000276502	4.73327E-05	0.000312803	0.00015771	0.000266225	0.000511679	0.000231424	9.51237E-05	0.000207646	0.000245579	0.000279409	1.182681358	0.703118558	1.345600982	0.650194813
A0A087WT20;Q9NV06;A0A087X1F8;B3KME9	DDB1- and CUL4-associated factor 13	DCAF13	6.48559E-05	6.62603E-05	0	0.000188837	0	0	0	0	0	4.37054E-05	6.29457E-05	0	1.440226551	0.787116531	0	0.116162149
A0A087WT27;J3KN95;O95394;O95394-3;O95394-4;H0Y8I3;D6RIS6;H0Y987	Phosphoacetylglucosamine mutase	PGM3	0.000163087	6.74657E-05	0	0.000153345	7.89165E-05	0	0	8.09324E-05	0	7.6851E-05	7.74205E-05	2.69775E-05	1.007411046	0.993407786	0.351036203	0.411622141
A0A087WTB8;P15374;Q5TBK7	Ubiquitin carboxyl-terminal hydrolase;Ubiquitin carboxyl-terminal hydrolase isozyme L3	UCHL3	0.000236658	0	0	0.000503015	0	0.000135572	0.000635319	0	0	7.8886E-05	0.000212862	0.000211773	2.698351846	0.474017801	2.684544306	0.588111187
Q1JUQ3;A0A087WTS4;A0A087WV48;A0A087WZM5;P62942	Peptidyl-prolyl cis-trans isomerase;Peptidyl-prolyl cis-trans isomerase FKBP1A	FKBP12-Exin;FKBP1A	0.009978216	0.003483946	0.000565343	0.008768105	0.00300637	0.002295378	0.004495041	0.00438152	0.003859673	0.004675835	0.004689951	0.004245412	1.003018879	0.996936009	0.907947248	0.884812425
A0A087WTV6;Q96C36;A0A087WZR9;J3KR12	Pyrroline-5-carboxylate reductase 2;Pyrroline-5-carboxylate reductase	PYCR2	0.000378154	0.000182867	0	0.000294442	0.000254133	0	8.73798E-05	0.000139738	0.00031207	0.000187007	0.000182858	0.000179729	0.977813738	0.978225637	0.96108275	0.957571058
A0A087WWG9;A0A087WVR3;A0A087WTW0;Q96T88;Q96T88-2;Q96PU4	E3 ubiquitin-protein ligase UHRF1	UHRF1	0	0	0	0	5.89388E-05	0	0	4.22899E-05	0	0	1.96463E-05	1.40966E-05	#DIV/0!	0.373900966	#DIV/0!	0.373900966
A0A087WTY9;Q9Y605	MORF4 family-associated protein 1	MRFAP1	0.000281618	0	0	0.001058335	0	0	0.000929216	0.000818117	0	9.38727E-05	0.000352778	0.000582444	3.758049264	0.517336096	6.204618378	0.187469095
A0A087WU08;J3QR68;H0Y300;P00738-2;P00738;J3QLC9;H3BS21;P00739;P00739-2	Haptoglobin;Haptoglobin alpha chain;Haptoglobin beta chain	HP	0.001166835	0.000304564	0.000107982	0.000933146	7.67821E-05	5.30101E-05	0.001124967	8.10289E-05	0.000191686	0.000526461	0.000354313	0.000465894	0.673009061	0.712726144	0.884954497	0.902460104
A0A087WU53;Q9H0U3	Magnesium transporter protein 1	MAGT1	0	0	0	0	0.000453041	0.000280445	0.000274844	0.000363388	0.000661736	0	0.000244495	0.000433323	#DIV/0!	0.137657317	#DIV/0!	0.020788128
A0A087WUB9;Q8WYA6;Q8WYA6-4;Q8WYA6-3;Q8WYA6-2;A2A2P1	Beta-catenin-like protein 1	CTNNBL1	0.000231803	0.000141001	0	8.05002E-05	0.000130381	0	0	6.64552E-05	7.33813E-05	0.000124268	7.02937E-05	4.66122E-05	0.56566229	0.523982206	0.375093989	0.337783859
A0A087WUC6;E9PI68;Q15005;E9PL01;E9PRB9;H0YE04	Signal peptidase complex subunit 2	SPCS2	8.4247E-05	0	0	0	0	0.000220814	7.52145E-05	9.41692E-05	8.67205E-05	2.80823E-05	7.36046E-05	8.53681E-05	2.6210308	0.594340099	3.039921168	0.1158903
A0A087WUD1;Q6DD87	Zinc finger protein 787	ZNF787	8.26638E-05	0.000192556	0	0.000189988	0	0	1.74828E-05	0.000277252	0	9.17399E-05	6.33293E-05	9.82448E-05	0.690313582	0.753285037	1.070906314	0.953827106
A0A087WUK2;O14979;O14979-3;O14979-2	Heterogeneous nuclear ribonucleoprotein D-like	HNRNPDL	0.007161606	0.003224589	0.003921294	0.008004571	0.000719249	0.000620995	0.00072736	0.001137316	0.000457463	0.004769163	0.003114938	0.000774046	0.653141439	0.577167513	0.16230233	0.03135533
A0A087WUK3;A0A087X2D2;A2A2M0;Q9NQG5	Regulation of nuclear pre-mRNA domain-containing protein 1B	RPRD1B	0	0	0	0.000437185	0	0.000348051	0.000153901	0	0	0	0.000261745	5.13004E-05	#DIV/0!	0.121216327	#DIV/0!	0.373900966
A0A087WUL2		PSMB3	0.001020635	0.001368316	0.000126678	0.0016712	0.002975226	0.001822273	0.001445721	0.001145839	0	0.000838543	0.002156233	0.000863853	2.571404122	0.075931935	1.030183893	0.967009172
E7ETK0;A0A087WUS0;P62847-2;P62847-3;P62847;P62847-4	40S ribosomal protein S24	RPS24	0.020155133	0.009308242	0.000192369	0.002401438	0.051867167	0	0.003192777	0.002827699	0.000650908	0.009885248	0.018089535	0.002223795	1.829952601	0.669839165	0.224960929	0.258697059
B4DGW0;A0A087WUY7;O75928-3;O75928-2;O75928;O75925;O75925-2	E3 SUMO-protein ligase PIAS2;E3 SUMO-protein ligase PIAS1	PIAS2;PIAS1	0	2.74646E-05	0	8.97567E-05	0	0	4.22988E-05	0	0	9.15485E-06	2.99189E-05	1.40996E-05	3.268091349	0.543217176	1.540121314	0.783285407
A0A087WV05;Q99417	C-Myc-binding protein	MYCBP	0.004436935	0.003492631	0.002089526	0.0032673	0.003406095	0.001882853	0.003352331	0.002678082	0.001432851	0.003339697	0.002852083	0.002487754	0.853994353	0.591676389	0.74490416	0.38966415
Q5T123;A0A087WV23;Q9H299	SH3 domain-binding glutamic acid-rich-like protein 3	SH3BGRL3	0.000308878	0	0.00079998	0.000522159	8.72253E-05	0.003998247	0.000807166	0.001176324	0.002667577	0.000369619	0.001535877	0.001550356	4.15529556	0.406803219	4.194467247	0.127074877
A0A087WV29;Q9H0A0-2;Q9H0A0;E9PMU0	N-acetyltransferase 10	NAT10	0.000332185	0.000471095	0	7.04601E-06	0.000249818	0	0	0	0	0.00026776	8.56215E-05	0	0.319769641	0.324046452	0	0.127873086
A0A087X1E5;A0A087WV46;C9JXA7;Q0VGL1	Regulator complex protein LAMTOR4;Regulator complex protein LAMTOR4, N-terminally processed	LAMTOR4	0.000504206	0	0	0	0	0	0.000564741	0.000361818	0	0.000168069	0	0.000308853	0	0.373900966	1.837659095	0.582380972
A0A087X1C7;A0A087X010;A0A087WV47;A0A087X079;A0A087WYE1;A0A087WYC5;P01857	Ig gamma-1 chain C region	IGHG1	0	0.000758514	0.000216596	0.000264617	0.000593588	0.000967764	5.0055E-05	0.001125404	0.000629592	0.000325037	0.000608656	0.000601684	1.872577981	0.403023292	1.851126325	0.511095223
A0A087WV66;P46013;P46013-2	Antigen KI-67	MKI67	0.000102216	0.000134105	0	4.67413E-05	5.88302E-05	0	0	4.42661E-05	3.62192E-05	7.87736E-05	3.51905E-05	2.68284E-05	0.446729649	0.380395118	0.340576505	0.290445821
A0A087WV73;P46087;P46087-4;P46087-2;P46087-3;F5GWB7;F5H709;F5H5X6;F5GYR3;F5H359;F5H8G6	Probable 28S rRNA (cytosine(4447)-C(5))-methyltransferase	NOP2	0.000589486	0.000559788	0	0	0.001370896	0	0	0	0	0.000383091	0.000456965	0	1.192835667	0.888711405	0	0.116382046
A0A087WVB0;Q9BQ39;A0A087WVC1	ATP-dependent RNA helicase DDX50	DDX50	0.000330874	0.00061997	0	1.87225E-05	0.000853395	8.88692E-05	0	3.04573E-05	0	0.000316948	0.000320329	1.01524E-05	1.010666475	0.992119929	0.032031851	0.162404834
A0A087WVD7;Q9Y3D8-2;Q9Y3D8;A0A087WY94;D6RDH4	Adenylate kinase isoenzyme 6	TAF9;AK6	0	0	0	0.001644308	0	0.000236564	0.000396074	0.000386179	5.84263E-05	0	0.000626957	0.000280226	#DIV/0!	0.288939913	#DIV/0!	0.064940488
A0A087WVM4;B7ZM99;Q6UB35;Q4VXM0;H0Y327;Q4VXM1;Q6UB35-2	Monofunctional C1-tetrahydrofolate synthase, mitochondrial	MTHFD1L	0	0	9.04936E-05	0.000616559	0	0	7.62962E-06	7.68005E-06	0	3.01645E-05	0.00020552	5.10322E-06	6.813295116	0.446097219	0.169179638	0.454280706
A0A087WVM7;V9GYP5;A0A087WWQ2;Q92979	Ribosomal RNA small subunit methyltransferase NEP1	EMG1	7.77146E-05	6.25182E-05	9.72227E-05	0	0	0	0	0	0	7.91518E-05	0	0	0	0.001401875	0	0.001401875
A0A087WVQ6;Q00610-2;Q00610;J3KS13;P53675-2;P53675;A0A087WX41;K7EJJ5;J3KSQ2;J3KRF5;J3QL20;F5H5N6;A0A087WV74;A0A087WXH4	Clathrin heavy chain;Clathrin heavy chain 1	CLTC	0.003397676	0.001186273	0.000537177	0.005337575	0.002174089	0.001358283	0.003405137	0.002794052	0.000940614	0.001707042	0.002956649	0.002379934	1.732030707	0.449063502	1.394186028	0.586627923
A0A087WVV1		PSMB2	0.003569096	0.001824931	0.001848031	0.005385267	0	0	0.006758603	0.00271801	6.8517E-05	0.002414019	0.001795089	0.00318171	0.743610126	0.759208274	1.318013409	0.724396391
A0A087WW40;Q9Y371;Q9Y371-2	Endophilin-B1	SH3GLB1	0	0	0	7.88008E-05	0	0	0	0	0	0	2.62669E-05	0	#DIV/0!	0.373900966	#DIV/0!	#DIV/0!
A0A087WW66;H7BZR6;H7C378		PSMD1	0.121746651	0.133993999	0.141800152	0.187262931	0.209265859	0.239994501	0.184125505	0.213822586	0.245667719	0.132513601	0.212174431	0.214538603	1.601152106	0.008237328	1.618993088	0.011822915
A0A087WWL9;A2AEA2;P10321;F6U0H7;Q31612;P30499;Q95604;F8W9Z8;Q09160	HLA class I histocompatibility antigen, Cw-7 alpha chain	HLA-C	0	0	0	0.001834072	0.000531729	0.001059821	0.001804206	0.001120828	0.000480794	0	0.001141874	0.001135276	#DIV/0!	0.039188405	#DIV/0!	0.041098862
A0A087WWM0;O43617-2;O43617;A0A087WYS5;A6NKE1	Trafficking protein particle complex subunit 3	TRAPPC3	0	0	0	0.000211112	0	0	0.00012033	0	0	0	7.03705E-05	4.01099E-05	#DIV/0!	0.373900966	#DIV/0!	0.373900966
A0A087WWP8;Q5VWQ0;Q5VWQ0-4	Round spermatid basic protein 1	RSBN1	0	9.99242E-05	0	0	6.93219E-05	0	0	0	0	3.33081E-05	2.31073E-05	0	0.693745094	0.813725564	0	0.373900966
A0A087WWY3;Q5HY54;Q60FE5;P21333-2;P21333;F8WE98	Filamin-A	FLNA	0.000140369	4.68579E-05	0	9.24996E-06	0	2.93406E-06	0	0	0	6.24089E-05	4.06134E-06	0	0.065076319	0.231061671	0	0.204934546
A0A087WXF2;P47928	DNA-binding protein inhibitor ID-4	ID4	0	0	0	0.000473503	0	0.000138181	0.000427899	0.000360809	0	0	0.000203895	0.000262903	#DIV/0!	0.220569189	#DIV/0!	0.118986685
B7Z879;A0A087WXL6;Q9H270;A0A087X2J4	Vacuolar protein sorting-associated protein 11 homolog	VPS11	7.47394E-05	2.05494E-05	0.003978569	0.000184025	3.11723E-05	0.000382021	0.014016024	0.004672007	0.024220737	0.001357953	0.000199073	0.014302922	0.146597762	0.42772295	10.53271152	0.08923782
A0A087WXM6;J3QQT2;J3KRX5;P18621;P18621-3;J3QLC8;P18621-2;J3KRB3;A0A087WWH0;J3QS96;A0A087WY81;J3KSJ0;K7EQ71;K7EKI8;O60437	60S ribosomal protein L17	RPL17	0.054083129	0.054676056	0	0.007917469	0.089896803	0.001149434	0.006256378	0.01163964	0.00189759	0.036253062	0.032987902	0.006597869	0.909934233	0.927677182	0.181994813	0.181286188
A0A087WXS7;O43681;K7ERW9	ATPase ASNA1	ASNA1	7.24087E-05	0.000234469	0	0.002142956	0.001088002	0.001833454	0.001826748	0.001478542	0.000427915	0.000102293	0.001688137	0.001244401	16.50301361	0.007786469	12.16510899	0.055211094
A0A087WXZ3;Q9Y5A9;Q9Y5A9-2;A0A024R7W5;A0A087X0Q1;A0A087WY31;Q7Z739;S4R3V3;S4R3J8	YTH domain-containing family protein 2;YTH domain-containing family protein 3	YTHDF2;YTHDF3	0.001253533	0.000881289	0.000296271	0.000827214	0.000522386	0.000345535	0.000974214	0.001479282	0.000290915	0.000810365	0.000565045	0.000914804	0.697272825	0.475808041	1.128879355	0.825175106
A0A087WY43;P06493;E5RIU6;A0A087WZZ9;P06493-2	Cyclin-dependent kinase 1	CDK1	0.002949149	0.000651806	0	0.00469428	0.001284893	0.001771853	0.003738439	0.002391409	0.001645767	0.001200318	0.002583675	0.002591872	2.152491631	0.37610548	2.159320003	0.268546942
A0A087WY55;Q9NP79;Q5TGM0;Q9NP79-2	Vacuolar protein sorting-associated protein VTA1 homolog	VTA1	0.000367521	0.000212607	0.000699997	0.000379461	0	0	0.000194857	3.59508E-05	0	0.000426708	0.000126487	7.69359E-05	0.296424832	0.19200602	0.180300993	0.088049766
A0A087WY71;E9PFW3;Q96CW1-2;Q96CW1;C9JJ47;C9JTK4;C9JGT8	AP-2 complex subunit mu	AP2M1	0	0	0	0.000144232	0	0	2.69282E-05	2.836E-05	0	0	4.80773E-05	1.84294E-05	#DIV/0!	0.373900966	#DIV/0!	0.116383191
F2Z2I8;A0A087WYB4;Q9UJZ1-	Stomatin-like protein 2, mitochondrial	STOML2	0.000425606	0	0	0.000187661	0	0	9.81936E-05	0	0	0.000141869	6.25538E-05	3.27312E-05	0.440927406	0.635909509	0.230714723	0.495178748
F5H7V1;G3V1R5;A0A087WYK8;B1AKJ5;O43847;O43847-2;H0Y5G9	Nardilysin	NRD1	4.75529E-05	0	0	8.34715E-05	3.19152E-05	0	0.000109504	2.80145E-05	0	1.5851E-05	3.84622E-05	4.58396E-05	2.426493919	0.479513171	2.891916723	0.457089117
A0A087WYR3;O43399-6;O43399-2;O43399-4;O43399;O43399-3;O43399-5;O43399-7;A0A087WZ51	Tumor protein D54	TPD52L2	0	0	0	0.000101996	0	0	0.000296565	0.000136138	0	0	3.39985E-05	0.000144235	#DIV/0!	0.373900966	#DIV/0!	0.167686354
A0A087WYS1;E7EUC7;Q16851-2;Q16851;C9JTZ5;C9JUW1;C9JWG0;C9JVG3;C9JQU9;C9JNZ1	UTP--glucose-1-phosphate uridylyltransferase	UGP2	0.000184036	0	0	0.000121724	0	0	0.000112948	7.7478E-05	0	6.13452E-05	4.05748E-05	6.34754E-05	0.661417605	0.791646927	1.034724164	0.977123679
A0A087WYU1;Q9Y5X1	Sorting nexin;Sorting nexin-9	SNX9	0.000121122	9.74055E-05	0	0.000187393	1.86745E-05	0.000218765	0.000176639	0.000214832	0	7.28424E-05	0.000141611	0.00013049	1.944073196	0.395650336	1.791407155	0.489522053
A0A087WZ30;O94761;V9GYB6;A0A087X072;A0A087WTJ0;V9GZ64	ATP-dependent DNA helicase Q4	RECQL4	0	0	0	0.000669022	1.94325E-05	0	0	0	0	0	0.000229485	0	#DIV/0!	0.355476515	#DIV/0!	#DIV/0!
A0A087WZ40;Q14244-5;Q14244-3;Q14244-2;Q14244-6;Q14244-4;Q14244;Q14244-7	Ensconsin	MAP7	0	0	0	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
A0A087WZH7;P29966	Myristoylated alanine-rich C-kinase substrate	MARCKS	0.002973423	0.001157073	0.000441744	0.003404557	0.001138689	0.000969782	0.002393305	0.000700936	0.001091359	0.00152408	0.001837676	0.0013952	1.205761012	0.787505405	0.915437688	0.894313483
A0A087WZK9;B3KS98;O15372;E5RJT0;E5RGU4	Eukaryotic translation initiation factor 3 subunit H	EIF3H	0.000492026	0.000750562	0	0.000647482	0.000319266	0.000373855	0.000218364	0.000159395	0.000174312	0.000414196	0.000446868	0.000184024	1.078879055	0.899303511	0.444291512	0.356151589
D6R9P3;D6RD18;D6RBZ0;A0A087WZV1;Q99729-3;Q99729-2;Q99729-4	Heterogeneous nuclear ribonucleoprotein A/B	HNRNPAB	0.009298982	0.002718903	0.002121416	0.015916666	0.008264803	0.008151267	0.011671266	0.010931481	0.006663478	0.0047131	0.010777579	0.009755409	2.286728048	0.153454318	2.069849521	0.143806357
A0A087WZW8;A0A087X130;A0A087WYL9;A0A087WWV8;A0A087WTX5;P01834;A0A075B6H6;A0A087WUS2;P04433	Ig kappa chain C region	IGKV3-11;IGKC;IGKV1-8	0.000330724	0.00200672	0.000315976	0.000933549	0.001640246	0.001053887	0.000475311	0.000901068	0.002391535	0.000884473	0.001209227	0.001255971	1.367172163	0.618256008	1.420021806	0.669440587
A0A087X020;Q9Y3A5;F8WE72	Ribosome maturation protein SBDS	SBDS	0.000459461	0.000477669	0	0.000400173	0.000216363	0	0.000136981	0	7.45393E-05	0.000312376	0.000205512	7.05066E-05	0.657898291	0.611789119	0.225710361	0.207926539
C9J8Z2;H7C4F1;C9J975;A0A087X044;E7ESL9;A0A087X1U1;F5GXM9;E7EUN2;Q96P47-3;Q96P47-6;Q9UPQ3-3;Q9UPQ3-2;Q9UPQ3;Q96P47;Q96P47-2;Q96P47-	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	7.29221E-05	0	0	0	0	0	0	0	0	2.43074E-05	0	0	0	0.373900966	0	0.373900966
A0A087X054;Q9Y4L1;E9PJ21;A0A087WWI4;K7EQK2;Q9Y4L1-2;A0A087X214;A0A087WW13;Q9BST8;J3QQH7;J3QLE9;J3QL06;J3KTF1;D3DSV6;Q9BXT5	Hypoxia up-regulated protein 1	HYOU1	4.36905E-05	6.90739E-05	9.88561E-05	0.000201692	0	0.000237189	0.000360046	0.000199913	8.78205E-05	7.05402E-05	0.000146293	0.000215927	2.073901677	0.372814646	3.061041831	0.145533529
M0R061;A0A087X0I4;M0QXB4;O14579-3;O14579-2;O14579	Coatomer subunit epsilon	COPE	7.5255E-05	0	0	0	0	0	0.000113138	0	0	2.5085E-05	0	3.77128E-05	0	0.373900966	1.503400016	0.794219527
A0A087X0K9;G5E9E7;Q07157-2;G3V1L9;Q07157;H0YKB1	Tight junction protein ZO-1	TJP1	2.75797E-05	0	1.58492E-05	0	0	0	0	0	0	1.44763E-05	0	0	0	0.144286771	0	0.144286771
A0A087X0M4;Q9BWU0;A0A087WWF4;H7C256	Kanadaptin	SLC4A1AP	0.000986437	0.000105954	0.000245596	0.00062733	0.00042084	0.000300931	0.000341649	0.000269356	0.000172744	0.000445996	0.0004497	0.00026125	1.008305943	0.990398813	0.585767359	0.542076213
A0A087X1B9;P02792	Ferritin;Ferritin light chain	FTL	0	0	0	0.000434431	0	0	0.000496859	0	0	0	0.00014481	0.00016562	#DIV/0!	0.373900966	#DIV/0!	0.373900966
A0A087X1I3;P31040-3;P31040-2;P31040;D6RFM5	Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial	SDHA	0.000187432	3.06107E-05	0	0	0	8.92656E-05	0.000236926	0.000123182	0	7.26808E-05	2.97552E-05	0.000120036	0.409395573	0.546462908	1.651548813	0.625567468
A0A087X1K9;E5RGR0;O75608-2;O75608;B4DP64	Acyl-protein thioesterase 1	LYPLA1	0.000275023	0.000117347	0	0.000106214	0	0	0.000125034	0.00013842	0	0.00013079	3.54047E-05	8.78178E-05	0.270698637	0.335409684	0.671440691	0.661568781
A0A087X1N3;O75818-2;O75818;F8WC38;X6RLL4	Ribonuclease P protein subunit p40	RPP40	6.76399E-05	9.42579E-05	0	0	0	0	0	0	0	5.39659E-05	0	0	0	0.126755919	0	0.126755919
A0A087X1Z3;Q9UL46;H0YM70;H0YLG1;H0YLD2;H0YKU2	Proteasome activator complex subunit 2	PSME2	0.026522794	0.030663095	0.024590289	0.332148592	0.278499227	0.284052839	0.303265537	0.311526922	0.302840341	0.027258726	0.298233552	0.3058776	10.9408469	9.32585E-05	11.22127261	1.24829E-07
A0A087X239;Q6PCB5-2;Q6PCB5;H7C2D3;C9JM20	Round spermatid basic protein 1-like protein	RSBN1L	0.000319661	0.000216889	0	0	0.000339524	0	2.26166E-05	6.46338E-05	0	0.00017885	0.000113175	2.90835E-05	0.632789952	0.678685491	0.162613482	0.194137491
A0A087X295;Q9NNW5;E9PDU5;E9PBK6;Q6PKC6;C9K020;E5RFX3;F8WE36	WD repeat-containing protein 6	WDR6	7.13497E-05	1.61424E-05	0	8.64137E-05	0.000102466	0	0	1.32244E-05	0	2.9164E-05	6.29598E-05	4.40814E-06	2.158817069	0.429155097	0.151149833	0.324324357
A0A087X2D8;O60271-9;O60271-4;O60271-2;O60271;O60271-5;O60271-3;D6RHI8	C-Jun-amino-terminal kinase-interacting protein 4	SPAG9	4.70244E-05	0	0	1.93875E-05	0	0	1.10663E-05	1.97259E-05	2.41497E-05	1.56748E-05	6.4625E-06	1.8314E-05	0.412285809	0.615753995	1.168369143	0.878032553
F1T0B3;A0A087X2G1;Q92499;Q92499-3;Q92499-2	ATP-dependent RNA helicase DDX1	DDX1	0.000171029	0.000269854	0	4.14212E-05	8.51681E-05	2.09754E-05	9.76258E-05	4.32163E-05	0	0.000146961	4.91882E-05	4.69474E-05	0.334702966	0.294242636	0.319454975	0.298285144
A0A087X2H1;Q9ULT8;G3V4V5;H0YJP0;H0YJD4	E3 ubiquitin-protein ligase HECTD1	HECTD1	0	0	0	4.38036E-05	8.84939E-06	1.51427E-05	3.26688E-05	1.62971E-05	1.12535E-05	0	2.25985E-05	2.00731E-05	#DIV/0!	0.10355784	#DIV/0!	0.036032048
A0A087X2I1;P62333;H0YJC0;H0YJS8;H0YJT1;H0YJX2;H0YJE9;H0YJD2;H0YJY8	26S protease regulatory subunit 10B	PSMC6	0.194707428	0.203247641	0.185465417	0.362981045	0.368296027	0.446874034	0.34528323	0.37695924	0.365847392	0.194473495	0.392717035	0.362696621	2.019385907	0.001991017	1.865018266	9.2297E-05
Q5JXX2;A0A088AWL8;Q15014;Q5JXX1;Q5JXX6	Mortality factor 4-like protein 2	MORF4L2	0	0	0	0.001296306	0.001793222	0.001060913	0.000656981	0.000701855	0.000295216	0	0.001383481	0.000551351	#DIV/0!	0.00304405	#DIV/0!	0.012813999
A0A096LNH5;A0A096LPI6;H7C1F6;P30042-2;P30042;H7C2G3	ES1 protein homolog, mitochondrial	C21orf33	0.001305582	0.000785228	0	0.000138869	0	0.000134333	0	0	0.000231013	0.000696937	9.10673E-05	7.70044E-05	0.130668011	0.188088479	0.110489858	0.184617541
A0A096LNV3;A0A096LP02;Q9Y508-2;Q9Y508;A0A096LNT1;A0A096LNN8;A0A096LPF9	E3 ubiquitin-protein ligase RNF114	RNF114	0	0	0	0	0	0	0.000114339	6.5282E-05	0	0	0	5.98738E-05	#DIV/0!	#DIV/0!	#DIV/0!	0.144897289
A0AVT1;A0AVT1-2;A0AVT1-4;A0AVT1-	Ubiquitin-like modifier-activating enzyme 6	UBA6	0	0	0	4.2731E-05	0	0	3.04373E-05	0	0	0	1.42437E-05	1.01458E-05	#DIV/0!	0.373900966	#DIV/0!	0.373900966
A1L390-3;A1L390;G3V311;A1L390-2	Pleckstrin homology domain-containing family G member 3	PLEKHG3	3.55427E-05	0	0	0	0	0	0	0	0	1.18476E-05	0	0	0	0.373900966	0	0.373900966
A2A274;Q99798	Aconitate hydratase, mitochondrial	ACO2	0.000638635	0.000441775	0	0.000976876	3.54724E-05	0.000109135	0.000653574	0.000378036	3.04217E-05	0.000360137	0.000373828	0.00035401	1.038016125	0.971198067	0.982989306	0.982402884
A2A2Q9;Q9Y312	Protein AAR2 homolog	AAR2	0	0	0	0.000148703	4.25955E-05	0.000256255	0	9.37362E-05	0.000110998	0	0.000149185	6.82446E-05	#DIV/0!	0.072862449	#DIV/0!	0.118936275
A2A3N6;O60331-4;O60331;O60331-2;O60331-3	Putative PIP5K1A and PSMD4-like protein	PIPSL	0.000129963	7.01252E-05	0	9.62882E-05	0	0	2.39384E-05	9.7978E-05	1.16227E-05	6.66961E-05	3.20961E-05	4.45131E-05	0.481228227	0.522293977	0.667401108	0.656437854
A2A3R5	40S ribosomal protein S6	RPS6	0.000228517	0.000146213	0	0	0.00026221	0	0	0	0	0.00012491	8.74034E-05	0	0.699731473	0.750328217	0	0.134939127
A5LHX3	Proteasome subunit beta type-11	PSMB11	0.003786915	0.002284346	0.000663063	0.00225209	0	0.000286759	0.001506845	0.000644902	0.000159128	0.002244775	0.000846283	0.000770292	0.377001344	0.28955363	0.343148858	0.208499624
A5YKK6-3;A5YKK6-2;A5YKK6;A5YKK6-4;H3BVC9;B5MDN3;H3BMZ2	CCR4-NOT transcription complex subunit 1	CNOT1	1.37542E-05	1.06543E-05	0	0	1.86534E-05	4.4761E-06	0	0	0	8.13616E-06	7.70983E-06	0	0.947600648	0.954338511	0	0.122492293
A6ND22;Q9Y3D3-2;Q9Y3D3	28S ribosomal protein S16, mitochondrial	MRPS16	0.000782172	0.000370527	0	0.000311549	0.000145015	7.93193E-05	0.000463444	0.000273012	0	0.000384233	0.000178628	0.000245485	0.464894662	0.433226404	0.638897137	0.625589453
A6NDG6	Phosphoglycolate phosphatase	PGP	0.000139348	0	0	9.26519E-05	0	0	0.000177542	0	0	4.64494E-05	3.0884E-05	5.91806E-05	0.664893983	0.794037465	1.274086332	0.873833033
C9J9K3;A6NE09;P08865;C9JQR9	40S ribosomal protein SA	RPSA;RPSAP58	0.21517683	0.12352539	0.021867515	0.16641464	0.237032351	0.061779	0.139566877	0.11005505	0.063939603	0.120189912	0.15507533	0.10452051	1.290252469	0.668271374	0.86962798	0.806895393
A6NEM2;P51610-2;P51610;P51610-4;H7C1C4;P51610-3	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	6.29377E-06	2.09926E-06	0	0	0	0	0	0	8.03293E-06	2.79768E-06	0	2.67764E-06	0	0.205031268	0.957095404	0.972347357
A6NF51;O95861-4;O95861;O95861-2;O95861-3;F8VVW8;F8VZG4;F8W1J0	3(2),5-bisphosphate nucleotidase 1	BPNT1	5.3153E-05	2.89321E-05	0	8.33461E-05	0	0	4.57794E-05	0	0	2.73617E-05	2.7782E-05	1.52598E-05	1.015363281	0.990069653	0.557707071	0.606062217
A6NFX8;Q9UKK9;A6NJU6;A6NCQ0;C9JYY9;H0YEY4	ADP-sugar pyrophosphatase	NUDT5	0.00067874	0.0003274	0	0.0010597	0.000112946	0	0.000190215	0.000131001	5.78319E-05	0.00033538	0.000390882	0.00012635	1.165489394	0.893435034	0.376735131	0.354265958
K7EIJ0;K7ENL2;A6NG10;K7EMC9;Q969T9;K7EIN1;K7ESN4;B4DFG2;K7EIK1	WW domain-binding protein 2	WBP2	8.4015E-05	0	0	0.00062415	0	0	0.000195697	0	0	2.8005E-05	0.00020805	6.52325E-05	7.429032628	0.439430415	2.329315489	0.62771382
E9PS11;A6NGW1;O95070	Protein YIF1A	YIF1A	0	0	0	0.001988167	0	0.001551822	0.001323359	0.001430359	0	0	0.001179996	0.000917906	#DIV/0!	0.122124632	#DIV/0!	0.11671672
A6NHQ2;R4GMW7	rRNA/tRNA 2-O-methyltransferase fibrillarin-like protein 1	FBLL1	0.000281253	0.000239276	0	0	0	0	8.57729E-05	0	0	0.00017351	0	2.8591E-05	0	0.118696811	0.164780215	0.190887632
J3KNE0;A6NKT7;Q7Z3J3	RanBP2-like and GRIP domain-containing protein 3;RanBP2-like and GRIP domain-containing protein 4	RGPD3;RGPD4	1.64183E-05	1.19008E-05	0	0	0	0	0	0	0	9.43968E-06	0	0	0	0.126138743	0	0.126138743
A6NMU3;Q92783-2;Q92783	Signal transducing adapter molecule 1	STAM	4.34843E-05	0	0	0.000108028	0	0	6.1008E-05	0	0	1.44948E-05	3.60093E-05	2.0336E-05	2.484292609	0.608931801	1.402988097	0.826545147
A6NN50;O75147-2;O75147-1;O75147-4;O75147;A8MSZ8	Obscurin-like protein 1	OBSL1	7.75513E-05	0.000119813	4.01322E-05	2.36472E-05	2.74942E-05	1.62546E-05	0	3.29405E-05	0	7.91656E-05	2.24653E-05	1.09802E-05	0.283776374	0.071316289	0.138698655	0.055584311

A6PVN6;Q5T949;Q5T948;A6PVN5;Q15257-3;Q15257-2;Q15257;A6PVN7;A6PVN8;C9IZ76;A6PVN9;F6WIT2;Q68CR8;Q15257-4	Serine/threonine-protein phosphatase 2A activator	PPP2R4	7.70723E-05	0	0	0	0	0	0.000250479	0	0	2.56908E-05	0	8.34931E-05	0	0.373900966	3.249928735	0.544345894
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	0.004589881	0.004941405	0	0.003001742	0.012406347	0.000124211	0.000673674	0.00143821	6.11693E-05	0.003177095	0.005177433	0.000724351	1.629612314	0.64614226	0.227991646	0.209285457
A8MU58;F8W950;Q13155	Aminoacyl tRNA synthase complex-interacting multifunctional protein 2	AIMP2	8.89105E-05	0	0	0.000105737	0	0	0	0.000173908	0	2.96368E-05	3.52457E-05	5.79694E-05	1.189253552	0.908931452	1.955990771	0.685886034
H7BY10;K7EJV9;K7ERT8;A8MUS3;P62750;K7EMA7	60S ribosomal protein L23a	RPL23A	0.113970469	0.094262402	7.7839E-06	0.031136971	0.151889967	0.003813088	0.026007532	0.024248315	0.002928316	0.069413551	0.062280009	0.017728055	0.897231267	0.907252475	0.255397603	0.223786551
P62308;A8MWD9;Q49AN9;F5H013;C9JVQ0	Small nuclear ribonucleoprotein G;Putative small nuclear ribonucleoprotein G-like protein 15	SNRPG;SNRPGP15	0.007403913	0.007300323	0	0.002748052	0.007821648	0	0.000814519	0.004327461	0	0.004901412	0.003523233	0.001713993	0.718819986	0.702274617	0.349693729	0.316616034
E7EVE9;A8MX75;P18074-2;P18074;K7ENL1;B4E0F6;K7EKF3;K7EIT8	TFIIH basal transcription factor complex helicase XPD subunit	ERCC2	0	0	0	0.000330581	9.96571E-05	0	5.18152E-05	0	0	0	0.000143413	1.72717E-05	#DIV/0!	0.216836474	#DIV/0!	0.373900966
A8MX94;P09211;A0A087X2E9	Glutathione S-transferase P	GSTP1	0.005885839	0.001505826	0	0.006855015	0	0.000762831	0.005033038	0.00262963	0.000179545	0.002463889	0.002539282	0.002614071	1.030599385	0.979784222	1.060953494	0.950069095
A8MXP9;P43243;D6REM6;D6R991;H0Y8T4;B3KM87;P43243-2;Q68E03;D6RAM9;D6RAY2;D6R8Z5;D6RBI2;D6RBK5;D6RE02;D6RIA2;D6R845;D6R9F3;D6RBS2;D6RCM3;D6REK4	Matrin-3	MATR3	0.001836575	0.00170843	0.00021591	0.000524555	0.001476784	0.000371173	0.000562214	0.000951875	0.000330127	0.001253639	0.000790837	0.000614739	0.63083344	0.499887075	0.490363545	0.310665445
J3KQ25;A8MYA3;Q8N6M9;I3L1X3	AN1-type zinc finger protein 2A	ZFAND2A	0	0	0	0.000474466	2.21869E-05	0.000110867	9.07724E-05	0.001033144	0	0	0.000202507	0.000374639	#DIV/0!	0.217160413	#DIV/0!	0.320051148
B0QY89;Q9Y262;Q9Y262-2;B0QY90;C9JHP4;C9K0Q7;H7C3A0	Eukaryotic translation initiation factor 3 subunit L	EIF3L	0.001422504	0.000842221	0.00073382	0.001573799	0.001417954	0.000521389	0.000714727	0.000418996	0.000375446	0.000999515	0.001171047	0.000503056	1.171615494	0.683882476	0.503300335	0.106240281
B0QYK0;Q01844-6;Q01844-3;Q01844;Q01844-5;H7BY36;C9JGE3;Q01844-2;F8WC90;Q01844-4	RNA-binding protein EWS	EWSR1	0.000792032	0.00067852	0.0003716	0.000553663	0.000937512	0.000448678	0.000447858	0.000368323	0.000615963	0.000614051	0.000646618	0.000477381	1.053036089	0.875169239	0.777429248	0.400017885
H3BQQ9;B0QYN7;P63279;H3BPC4;H3BRD1	SUMO-conjugating enzyme UBC9	UBE2I	0.000381484	0.000165407	0	0.000620881	0	0	0.000462819	0	0.000289156	0.000182297	0.00020696	0.000250658	1.13529132	0.92133032	1.374999488	0.715078982
F2Z2V0;B0QZ18;Q99829;Q5JX56;Q5JX58;Q5JX59;Q5JX61;Q5JX60;Q5JX44;Q5JX52;Q5JX45;E7ENH5;A6PVH9;Q5JX54;Q5JX57;E7EV27;Q5JX55;Q5JX53;H0Y524	Copine-1	CPNE1	0.000144362	0	6.27497E-05	8.50994E-05	0	7.19604E-05	5.81037E-05	2.45713E-05	0.0001024	6.90372E-05	5.23532E-05	6.16916E-05	0.758333499	0.752826217	0.893598419	0.884547493
E9PAP1;X6RHV1;B0QZE6;E9PS59;X6R732;E9PQM8;E9PRF4;Q15047-2;Q15047-3;Q15047	Histone-lysine N-methyltransferase SETDB1	SETDB1	0	0	0	0	0	0.008403843	0	0.044932285	0	0	0.002801281	0.014977428	#DIV/0!	0.373900966	#DIV/0!	0.373900966
B0YIW6;P48444;P48444-2;Q6P1Q5	Coatomer subunit delta	ARCN1	0.000248859	0	0	0.000112233	0	0	0.000220139	0.000256189	5.97687E-05	8.29531E-05	3.74109E-05	0.000178699	0.450989046	0.643027406	2.154213686	0.403525329
B1AHF3;P00387-2;P00387;P00387-3	NADH-cytochrome b5 reductase 3;NADH-cytochrome b5 reductase 3 membrane-bound form;NADH-cytochrome b5 reductase 3 soluble form	CYB5R3	0.000344859	4.35231E-05	0	0.000210113	0	0	0.000111565	0	0	0.000129461	7.00377E-05	3.71885E-05	0.540996033	0.669178864	0.287257304	0.46596609
P23142-4;B1AHL2	Fibulin-1	FBLN1	0	0	0.004601517	0.00278634	0.004103258	0.005204866	0.001341188	0.004863571	0.003151753	0.001533839	0.004031488	0.003118837	2.628364755	0.212542074	2.033353839	0.437666076
B1AJY7;O75832;B1AJY5;O75832-2;B1AJY6	26S proteasome non-ATPase regulatory subunit 10	PSMD10	0.000119373	0.000343228	0	0.004058823	0.001286836	0.002018399	0.004449333	0.004314899	0.002494458	0.0001542	0.002454686	0.003752897	15.91879684	0.051191208	24.33777729	0.004874027
B1AMU7;B1AMU3;Q9Y3B2;R4GNH9;R4GMQ7;B1AMU4	Exosome complex component CSL4	EXOSC1	0.000471597	0.000313429	0	0.000129933	0.000632303	0	0.000200887	0.000128689	0	0.000261676	0.000254079	0.000109859	0.970968528	0.976008196	0.419827624	0.370204699
B1AN99;P35030-5;P35030-3;P35030-2;P35030-4;P35030	Trypsin-3	PRSS3	0	0	0	0	0	0	0	0	0.000306618	0	0	0.000102206	#DIV/0!	#DIV/0!	#DIV/0!	0.373900966
B1ANR0;Q13310-2;Q13310;Q13310-3;H0Y5F5;H0YEU6;H0YCC8;B1ANR1;H0YER0;H0Y6X6	Polyadenylate-binding protein;Polyadenylate-binding protein 4	PABPC4	0.000684218	0.000454593	0	0.001000902	0.000174205	5.58658E-05	0.000454444	0.00030962	0	0.000379604	0.000410324	0.000254688	1.080927468	0.935893923	0.670931538	0.632441282
B3KNJ4;Q9UBE0-2;Q9UBE0-3;Q9UBE0;M0QX65;M0QZS6;M0R054;M0QYM8;M0R375;M0R286	SUMO-activating enzyme subunit 1;SUMO-activating enzyme subunit 1, N-terminally processed	SAE1	0.000722369	0.000121956	0	0.00085218	0	0	0.001016346	0.000319445	0.000196003	0.000281442	0.00028406	0.000510598	1.009304072	0.994564288	1.814223945	0.53635366
B3KQ25;K7EPX6;K7EKR3;K7EMD0		PSME3	0	0	0	0	0.004633273	0	0.002857203	0.004392512	0.002334626	0	0.001544424	0.00319478	#DIV/0!	0.373900966	#DIV/0!	0.006637719
M0QZP4;B3KSI3;M0QZ10;M0QXF9;O15382-2;O15382	Branched-chain-amino-acid aminotransferase;Branched-chain-amino-acid aminotransferase, mitochondrial	BCAT2	7.15946E-05	0.000129687	0	0	0	0	0.000252041	0.000195745	0	6.7094E-05	0	0.000149262	0	0.148135077	2.224670607	0.388904399
F5GXT0;F8W7U8;P49959-2;P49959;B3KTC7	Double-strand break repair protein MRE11A	MRE11A	0.000111751	0.000154761	0	0.000174028	0	0	5.1889E-05	9.3254E-05	0	8.88373E-05	5.80092E-05	4.8381E-05	0.652982264	0.69877363	0.544602036	0.49110529
H0Y5J4;B4DDD6;Q9UJU6-5;Q9UJU6-4;Q9UJU6;Q9UJU6-2;Q9UJU6-3;B4DDP6	Drebrin-like protein	DBNL	0.000265765	8.55518E-05	0	8.05853E-05	5.76759E-05	4.48156E-05	4.63728E-05	0	0	0.000117106	6.10256E-05	1.54576E-05	0.5211161	0.517077844	0.131997032	0.271904615
B4DEM9;Q9Y2S7	Polymerase delta-interacting protein 2	POLDIP2	0.001121553	0.000884658	0.00041313	0.001468314	0.00059456	0.000606538	0.001074943	0.001129397	0.000327558	0.000806447	0.000889804	0.000843966	1.103363139	0.826563615	1.046523936	0.915484395
H7C048;K7EMQ8;J3QKS7;B4DGM3;Q969G3-6;Q969G3-5;Q969G3-3;Q969G3-2;Q969G3-4;Q969G3	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily E member 1	SMARCE1	0.000137267	0	0	0.000218357	9.6497E-05	0.000117517	0.000134371	0.000265767	0	4.57556E-05	0.000144124	0.000133379	3.149858277	0.172087517	2.915041272	0.38217865
B4DHN5;E9PBU7;O00560-3;O00560-2;O00560;G5EA09	Syntenin-1	SDCBP	6.26154E-05	0	0	0.000308481	0	0	0.000174442	0.000129752	0	2.08718E-05	0.000102827	0.000101398	4.926600064	0.478391945	4.858123872	0.226027879
B4DHR0;Q9H5N1-2;Q9H5N1	Rab GTPase-binding effector protein 2	RABEP2	0	0	0	0	0	0	3.1465E-05	0	0	0	0	1.04883E-05	#DIV/0!	#DIV/0!	#DIV/0!	0.373900966
B4DJM9;M0QWZ7;M0R2C6;Q9NP81;Q9NP81-2	Serine--tRNA ligase, mitochondrial	SARS2	0.00015669	6.56493E-05	0	0	0.000281165	6.50098E-05	7.14272E-05	5.33508E-05	0	7.41131E-05	0.000115392	4.15927E-05	1.556965871	0.690451661	0.561205251	0.552677205
B4DJV2;O75390;H0YIC4;F8VPF9;F8VPA1;F8VTT8;F8W1S4;F8W4S1;H0YH82;F8W642;F8VZK9;F8VX07;F8VRP1;F8VX68;F8VWQ5;F8VRI6;F8VR34;F8W0J2;F8VU3	Citrate synthase;Citrate synthase, mitochondrial	CS	0.004361751	0.002711716	0.000838587	0.004886843	0.0020544	0.002278357	0.003609831	0.004032712	0.001838289	0.002637351	0.0030732	0.003160277	1.165260207	0.765419344	1.198277138	0.690189335
B4DKY1;P49589-2;P49589;P49589-3	Cysteine--tRNA ligase, cytoplasmic	CARS	2.5264E-05	4.80993E-05	4.13319E-06	0.000134537	3.48667E-05	0	9.38812E-05	2.99055E-05	0	2.58322E-05	5.64677E-05	4.12622E-05	2.185947212	0.508657866	1.597319776	0.639117276
B4DLN1;P52815;F6QW41	39S ribosomal protein L12, mitochondrial	MRPL12	0.000582075	9.75014E-05	0	0.000647593	8.22766E-05	0.000280919	0.000351898	0.000471552	0.000229951	0.000226525	0.00033693	0.000351134	1.487381407	0.675072582	1.550085239	0.553742119
B4DQI4;Q96IU4	Alpha/beta hydrolase domain-containing protein 14B	ABHD14B	0	0	0	0.000183723	0	0	5.66586E-05	0	0	0	6.1241E-05	1.88862E-05	#DIV/0!	0.373900966	#DIV/0!	0.373900966
B4DR61;P61619;F8W776;Q8TC24;P61619-3;Q9H9S3-2;Q9H9S3-3;Q9H9S3;H7C1Q9;C9JXC6;H7C069;A6NK38;F2Z2C7;A6NIF9;C9JJV4;H7C1S8	Protein transport protein Sec61 subunit alpha isoform 1;Protein transport protein Sec61 subunit alpha isoform 2	SEC61A1;SEC61A2	0.000881029	0.00062921	0	0.003047644	0.002467069	0.0034836	0.004013825	0.001560775	0.002329365	0.000503413	0.002999437	0.002634655	5.958207544	0.003182251	5.233588684	0.050501929
E7EX17;B4DS13;P23588;F8W0K0;F8VSC7;F8VP89;F8VX11;F8VRU1;F8VYE9	Eukaryotic translation initiation factor 4B	EIF4B	0.00029659	0.000151945	0	0.000611566	0.000118415	7.2739E-05	0.000137906	5.95217E-05	6.49063E-05	0.000149512	0.000267573	8.74447E-05	1.789645541	0.572993109	0.584867538	0.525204617
B4E349;F5H6D8;B4DTN4;Q86U44	N6-adenosine-methyltransferase 70 kDa subunit	METTL3	0	0	0	0.000193082	0	0	0	0	0	0	6.43608E-05	0	#DIV/0!	0.373900966	#DIV/0!	#DIV/0!
J3QSB7;B4DUC8;Q13126-7;Q13126-4;Q13126;Q13126-6;Q13126-5;Q13126-3;Q13126-2	Purine nucleoside phosphorylase;S-methyl-5-thioadenosine phosphorylase	MTAP	6.72339E-05	0	0	0.000139774	0	0	0.000192566	0	0	2.24113E-05	4.65913E-05	6.41887E-05	2.078918394	0.6643519	2.864119969	0.572132247
F8VRR3;F8VQZ7;P50579-2;B4DUX5;P50579;F8VZX9;F8VY03;G3V1U3	Methionine aminopeptidase 2	METAP2	0	0	0	0.000807689	0	0	4.3582E-05	0	0	0	0.00026923	1.45273E-05	#DIV/0!	0.373900966	#DIV/0!	0.373900966
B4DWR3;P61758	Prefoldin subunit 3	VBP1	0.00204578	0.000557557	2.92005E-06	0.000523749	0	0	0.000216019	0.000309396	0.000221674	0.000868752	0.000174583	0.00024903	0.200958151	0.335331437	0.286652151	0.367571906
G3V576;G3V4W0;B4DY08;G3V4C1;G3V2Q1;P07910-2;P07910;P07910-4;G3V555;G3V575;P07910-3;G3V5X6;G3V3K6;G3V251;B4DSU6;G3V5V7;G3V2D6;P0DMR1;O60812;B7ZW38;B2RXH8;G3V4M8;G3V2H6;B3KT61;Q86SE5;Q86SE5-3;E5RG71;E5RJ39;Q86SE5-2	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	0.017821849	0.017972285	0.00197189	0.006289865	0.03371523	0.004508383	0.006201584	0.012702214	0.004674033	0.012588674	0.014837826	0.007859277	1.178664702	0.845783967	0.624313339	0.464272575
B4DY09;Q12905;X6R6Z1	Interleukin enhancer-binding factor 2	ILF2	0.035976655	0.038428823	0.004943513	0.038693945	0.093802626	0.010063627	0.027058826	0.025782621	0.020642538	0.026449664	0.047520066	0.024494662	1.796622683	0.476197744	0.926085936	0.867017367
B4DZ84;D3DX48;Q14168-6;Q14168-2;Q14168-3;Q14168;Q14168-4;A0A087WVY2;E5RI47;Q14168-5;E5RFN8;A0A087X0C7;E5RK50;E5RJK0;E5RK44;E5RI32;E5RIU3	MAGUK p55 subfamily member 2	MPP2	0	0	0	0	0	8.72597E-05	0.000519571	4.20835E-05	3.05908E-05	0	2.90866E-05	0.000197415	#DIV/0!	0.373900966	#DIV/0!	0.28766719
B4E0K5;Q16539-5;Q16539-3;Q16539-4;Q16539;E7EX54;B5TY33;Q16539-2	Mitogen-activated protein kinase 14	MAPK14	0	0	0	6.68843E-05	0	0	0.000102657	7.22492E-05	0	0	2.22948E-05	5.83019E-05	#DIV/0!	0.373900966	#DIV/0!	0.127997163
Q8NBY1;B4E0Y9;Q9P289;Q9P289-2;Q9P289-3;C9JDH9;C9J6L2;C9JCC0;C9J232;H7C279;O00506-3;O00506-2;O00506;C9JJV0;H0Y630;Q9Y6E0-2;Q9Y6E0;Q5JV98	Serine/threonine-protein kinase 26;Serine/threonine-protein kinase 25	STK26;STK25	0.000307739	4.87956E-05	0	0.000608096	0.000221232	0.000172571	8.7922E-05	0.000375703	0	0.000118845	0.000333966	0.000154542	2.810099302	0.268709537	1.300364331	0.82160895
E9PLA7;B4E227;E9PIN3;Q9UBU9-2;Q9UBU9	Nuclear RNA export factor 1	NXF1	0.000198409	0	0	0	0	0	0	0	0	6.61362E-05	0	0	0	0.373900966	0	0.373900966
B4E3S0;Q9ULV4;Q9ULV4-2;Q9ULV4-3;F8VV53;F8W1H8;F8VUX3;F8VSA4;F8VRE9;H0YHL7;F8VTT6;F8VVB7	Coronin;Coronin-1C	CORO1C	0	7.55324E-05	0	0	0	0	0	0	0	2.51775E-05	0	0	0	0.373900966	0	0.373900966
B5MBZ0;Q9HC35-2;Q9HC35	Echinoderm microtubule-associated protein-like 4	EML4	2.60266E-05	0	0	4.83243E-05	0	2.27838E-05	3.04827E-05	2.99347E-05	0	8.67553E-06	2.37027E-05	2.01391E-05	2.73213539	0.412244428	2.321371855	0.437092358
B5MCE7;B5MCH7;E7ETZ4;Q9Y6E2;E9PFD4;Q75MG1	Basic leucine zipper and W2 domain-containing protein 2	BZW2	9.07923E-05	0	0	0.000171363	0	0	7.06976E-05	0	0	3.02641E-05	5.7121E-05	2.35659E-05	1.887418572	0.699121382	0.778674111	0.86985432
B5MCF9;O00541-2;O00541;B3KXD6;H7C267;Q674R7	Pescadillo homolog	PES1	0.000101303	0.000139395	0	6.67813E-05	0.000349724	0	0	2.34049E-05	1.68597E-05	8.02328E-05	0.000138835	1.34215E-05	1.73040419	0.637112793	0.167282528	0.188347042
B5MD17;J3KS05;P83916;K7ELA4;C9JWS9	Chromobox protein homolog 1	CBX1	0.000227722	0	0.000435851	0.00167682	0.000260356	0.001330343	0.001020718	0.000524042	0.001112743	0.000221191	0.001089173	0.000885834	4.92412815	0.12257407	4.004837619	0.040167109
B5MD38;P55084-2;P55084;F5GZQ3;C9K0M0;C9JEY0;C9JE81	Trifunctional enzyme subunit beta, mitochondrial;3-ketoacyl-CoA thiolase	HADHB	0.000128569	0	0	8.34066E-05	0	0	0.000201055	3.42998E-05	0	4.28564E-05	2.78022E-05	7.84515E-05	0.648729907	0.782891329	1.830568399	0.661670438
B5MDF5;P62826;J3KQE5;F5H018;H0YFC6;B4DV51;A0A087X0W0	GTP-binding nuclear protein Ran	RAN	0.045417627	0.026139327	0.005292816	0.044262595	0.015834443	0.017147382	0.039593158	0.039708018	0.013676066	0.02561659	0.02574814	0.030992414	1.005135341	0.993349421	1.209857125	0.728985282
C9J2P0;H7C061;B7Z306;P51965-2;P51965	Ubiquitin-conjugating enzyme E2 E1	UBE2E1	0.000198419	0.000169286	0	0.000169807	0.000163473	5.84675E-05	0.000177797	0.000208064	0	0.000122568	0.000130583	0.000128621	1.065385222	0.916298864	1.049378423	0.949420604
B7Z415;D6RGG7;P09417-2;P09417;D6RHJ7;H0Y8F7	Dihydropteridine reductase	QDPR	7.8026E-05	6.77352E-05	0	0	0	0	0	6.95485E-05	0	4.85871E-05	0	2.31828E-05	0	0.118095332	0.477139596	0.493027007
B7Z4B8;Q9BUJ2-4;Q9BUJ2-2;Q9BUJ2;M0R3F1;Q9BUJ2-3;M0QYZ0;M0QYI8;M0R203;M0QYM5;M0QZV6;M0R0K8	Heterogeneous nuclear ribonucleoprotein U-like protein 1	HNRNPUL1	0.002681709	0.001466099	0.000152451	0.00213747	0.00023779	0.000696079	0.001385959	0.001235071	0	0.00143342	0.00102378	0.000873677	0.714221806	0.681677888	0.609505273	0.547123594
B7Z5R6;Q14596-2;Q14596	Next to BRCA1 gene 1 protein	NBR1	0	0	0	4.09622E-05	6.27132E-05	0	2.60237E-05	1.97742E-05	4.87045E-05	0	3.45584E-05	3.15008E-05	#DIV/0!	0.133321334	#DIV/0!	0.023082771
B7Z7F3;Q9H6Z4-3;Q9H6Z4-2;Q9H6Z4;K7EIJ4;K7ESQ0	Ran-binding protein 3	RANBP3	2.8933E-05	0	0	0.000176721	4.43384E-05	3.48289E-05	0.000220363	0.004154739	5.00265E-05	9.64433E-06	8.52962E-05	0.001475043	8.844179974	0.181289558	152.9440906	0.335828294
B7Z9I1;Q5T4U5;P11310;P11310-2	Medium-chain specific acyl-CoA dehydrogenase, mitochondrial	ACADM	8.41761E-05	0	0	0.000162969	0	0	0	0	0	2.80587E-05	5.43229E-05	0	1.936044469	0.68963991	0	0.373900966
F5H823;B7Z878;F5GZG1;E7ESV4;F5H7Y6;P61224-4;P61224-3;P61224;A6NIZ1;F5GX62;P61224-2;F5H6R7;F5H004;A0A075B6Q0;P62834	Ras-related protein Rap-1b;Ras-related protein Rap-1b-like protein	RAP1B	0.001248679	0	0	0	0	0	0.000124355	0	0	0.000416226	0	4.14518E-05	0	0.373900966	0.099589544	0.420911342
B7ZBC8;O75449-2;O75449;B7ZBC9;Q9BW62	Katanin p60 ATPase-containing subunit A1;Katanin p60 ATPase-containing subunit A-like 1	KATNA1;KATNAL1	0	0	0	0.000126538	0.000107572	0	0.000219665	0	0	0	7.80367E-05	7.32215E-05	#DIV/0!	0.118720756	#DIV/0!	0.373900966
F8WFB9;B7ZC39;B7ZC38;Q9NR46;Q9NR46-2	Endophilin-B2	SH3GLB2	0	0	0	0.000653482	0.000246193	0	0.00023072	0	0	0	0.000299892	7.69066E-05	#DIV/0!	0.19063251	#DIV/0!	0.373900966
B7ZKM0;Q15020;F8VV04;F8W667;Q15020-2;H0YHU8;Q15020-3	Squamous cell carcinoma antigen recognized by T-cells 3	SART3	6.5973E-05	4.42389E-05	0	0.000106084	2.64936E-05	1.12921E-05	4.45246E-05	0.000131372	2.76288E-05	3.67373E-05	4.79566E-05	6.78417E-05	1.305394349	0.766032399	1.846670487	0.453973694
E5RFP2;B7ZLQ8;Q17RY0-3;Q17RY0-2;Q17RY0	Cytoplasmic polyadenylation element-binding protein 4	CPEB4	6.63102E-05	0	0	0	0	0	0	0	0	2.21034E-05	0	0	0	0.373900966	0	0.373900966
B8ZZ87;Q6P582;Q6NZ67;H7C173;H7C202;H7BZ50	Mitotic-spindle organizing protein 2A;Mitotic-spindle organizing protein 2B	MZT2B;MZT2A	0	0	0	6.7762E-05	3.39552E-05	0	0	4.06277E-05	0	0	3.39057E-05	1.35426E-05	#DIV/0!	0.15806865	#DIV/0!	0.373900966
B8ZZD4;Q86VP1-3;Q86VP1-4;Q86VP1-2;Q86VP1;H7C3L5	Tax1-binding protein 1	TAX1BP1	0	0	0	0.000130441	0	4.0208E-05	7.1538E-05	6.25409E-05	0	0	5.68831E-05	4.4693E-05	#DIV/0!	0.214259632	#DIV/0!	0.117904447
B8ZZF8;Q9Y4Y9	U6 snRNA-associated Sm-like protein LSm5	LSM5	0.000418603	0	0	0	0	0	0.000154114	0.000105275	0	0.000139534	0	8.6463E-05	0	0.373900966	0.619653279	0.735923007
B8ZZN6;P63165;B8ZZJ0;B8ZZ67;B9A032;P63165-2	Small ubiquitin-related modifier 1	SUMO1	0.001197446	0.000406241	0.000276402	0.000171471	0	0	0.000566785	0.000184563	0	0.000626696	5.71568E-05	0.000250449	0.091203419	0.124253647	0.399634142	0.321331203
B8ZZQ6;P06454-2;P06454;B8ZZA1;B8ZZW7;H7C2N1;A0A087WUT1	Prothymosin alpha;Prothymosin alpha, N-terminally processed;Thymosin alpha-1	PTMA	0.016797627	0.010978787	0.014768315	0.025398149	0.012845217	0.034154707	0.019278172	0.031803202	0.038217559	0.014181576	0.024132691	0.029766311	1.701693141	0.195777727	2.098942353	0.055274133
B8ZZS4;Q9H8Y5	Ankyrin repeat and zinc finger domain-containing protein 1	ANKZF1	0	0	0	0	0	0	0	5.34113E-05	0	0	0	1.78038E-05	#DIV/0!	#DIV/0!	#DIV/0!	0.373900966
B9A018;Q53GS9;A0A087X1B2;Q53GS9-2;F8WC91;Q53GS9-3	U4/U6.U5 tri-snRNP-associated protein 2	USP39	0.000127993	0	0	0	0	0	0	0	0	4.26645E-05	0	0	0	0.373900966	0	0.373900966
Q5VVQ1;C4P0D6;C4P0D8;Q99598;C4P0D4	Translin-associated protein X	TSNAX;DISC1	0.000207809	0	0	0.000271133	0	0	0	0	0	6.92696E-05	9.03777E-05	0	1.304723564	0.861959019	0	0.373900966
C9IZG3;Q92890-3;Q92890;Q92890-1;C9J6N9;C9JNP9	Ubiquitin fusion degradation protein 1 homolog	UFD1L	0	0	0	0	0	0	0	0.001415285	0	0	0	0.000471762	#DIV/0!	#DIV/0!	#DIV/0!	0.373900966
C9J3L8;C9J5W0;E9PAL7;C9IZQ1;P43307	Translocon-associated protein subunit alpha	SSR1	0	0.000472443	0	0.000596296	0.000224043	0	0.000197279	0	0.000275202	0.000157481	0.000273446	0.000157494	1.736378289	0.647013844	1.000080697	0.999946304
C9JRU6;C9J0B2;C9JUW4;C9J8R4;C9JVE2;Q96GG9	DCN1-like protein;DCN1-like protein 1	DCUN1D1	0.000310252	0.000105107	0	0.000563269	0	0	0.000355021	0.000111278	0	0.000138453	0.000187756	0.000155433	1.356100114	0.824843091	1.12263921	0.908593596
C9J712;C9J0J7;C9JQ45;G5E9Q6;P35080-2;P35080;C9J2N0	Profilin;Profilin-2	PFN2	0.005176961	0.001972878	0.00178972	0.007236558	0.002500099	0.003579028	0.005752733	0.003635004	0.003151616	0.002979853	0.004438562	0.004179785	1.489523708	0.464693829	1.402681532	0.427219414
C9J0K6;P30626-3;P30626-2;P30626;B4DHQ6	Sorcin	SRI	6.56357E-05	0.000704905	0	0.000282597	0.000202803	6.89931E-05	0.000564343	0	0	0.000256847	0.000184798	0.000188114	0.719485587	0.772874677	0.73239847	0.826136645
C9JD73;C9J177;H7C003;Q15435-2;Q15435;B5MBZ8;Q15435-5;Q15435-4;Q15435-3;C9JRC4	Protein phosphatase 1 regulatory subunit 7	PPP1R7	3.25375E-05	0	0	6.28919E-05	0	0	5.9773E-05	0.000121031	0	1.08458E-05	2.0964E-05	6.02679E-05	1.932904962	0.690237796	5.55677646	0.248082208
C9J2C4;O75190-2;O75190-3;O75190;C9JB42;C9JDR7;C9JDX6;F8WCZ4;C9J2P2;E9PH18;C9JN01;Q8WWF6	DnaJ homolog subfamily B member 6	DNAJB6	0	0	0	0.000193781	0	0	7.27587E-05	3.84025E-05	0	0	6.45937E-05	3.70538E-05	#DIV/0!	0.373900966	#DIV/0!	0.15263681
C9J2Y9;P30876;C9J4M6	DNA-directed RNA polymerase;DNA-directed RNA polymerase II subunit RPB2	POLR2B	0.000103062	5.08022E-05	6.47012E-05	0.000530444	0.000133989	0.000478114	0.000398742	0.00044847	0.00021668	7.28553E-05	0.000380849	0.000354631	5.227473771	0.069880184	4.867609505	0.017473961
C9J384;Q9BQ75-2;Q9BQ75	Protein CMSS1	CMSS1	0.000207315	0.000867213	0	0.000216866	0.000532329	0.000121467	0.000489052	0.000168605	0	0.000358176	0.000290221	0.000219219	0.810274157	0.825905334	0.612043178	0.665485948
C9J4Z3;P61513;M0R0A1;Q6P4E4;E9PEL3;M0R2L6;G5E9R3;A6NKH3	60S ribosomal protein L37a	RPL37A	0.067717225	0.03490834	0	0.012298723	0.06948766	0.000402768	0.007250607	0.012931463	0	0.034208522	0.027396384	0.006727357	0.800864301	0.825410951	0.196657334	0.239552426
C9J5D1;E7EQ69;Q9GZZ1;C9J5J3;A0A087WWJ2;Q9GZZ1-2;C9JZU6;F8WCK0;B0AZT5	N-alpha-acetyltransferase 50	NAA50	0.001231666	0.000468954	0	0.00033956	0.000493842	0.00258819	0.000198852	0.000442324	0.000114045	0.000566873	0.001140531	0.00025174	2.011968695	0.517482823	0.444085614	0.444798474
C9J5E5;C9JIZ1;C9JT62;C9JHS7;C9JK79;C9JHZ8;C9JES8;C9JZI8;C9JBS3;C9JEJ8;A0A088AWM1;C9JHN6		HDLBP	0.00016153	0	0	0.000161032	0	0	5.87708E-05	0	7.32071E-05	5.38433E-05	5.36773E-05	4.39926E-05	0.996917391	0.99836268	0.817049907	0.874050588
C9J840;E7EX83;H7C0P6;E7ENQ1;G3XAA2;H7C360;G5E948;E7EN19;E7ESS2;O95819-4;O95819-2;O95819;O95819-5;O95819-3	Mitogen-activated protein kinase kinase kinase kinase 4	MAP4K4	6.99319E-05	1.8733E-05	0	0	0	0	0	0	0	2.9555E-05	0	0	0	0.230230599	0	0.230230599
C9J8Q1;F8W9P7;H7C537;Q9UMS0-2;Q9UMS0-3;Q9UMS0	NFU1 iron-sulfur cluster scaffold homolog, mitochondrial	NFU1	0.000216638	0	0	0.000131782	0	0	0	0	0	7.22125E-05	4.39275E-05	0	0.608308341	0.754708249	0	0.373900966
C9J931;Q15382;C9J469	GTP-binding protein Rheb	RHEB	3.60024E-05	0.000204071	0	0.000231658	0	0	0.000626887	0.000219711	0	8.00246E-05	7.72192E-05	0.000282199	0.964943957	0.978876308	3.526408286	0.356439882
C9JA08;Q96D46;C9IZW9;C9K0C2;C9J0B9;C9IY70	60S ribosomal export protein NMD3	NMD3	0.000389668	0.000201421	0	0.0006735	0.000301294	0	0.000192716	3.03923E-05	0	0.00019703	0.000324931	7.43696E-05	1.649149096	0.60002862	0.377453568	0.390251357
C9JA36;P54709-2;P54709;C9JXZ1;H7C4L9	Sodium/potassium-transporting ATPase subunit beta-3	ATP1B3	0.000616939	0	0	0.000726903	0	0	0.000348662	0	0	0.000205646	0.000242301	0.000116221	1.178240384	0.913736636	0.565147683	0.724237492
C9JAW5;C9JNU6;Q9Y241	HIG1 domain family member 1A, mitochondrial	HIGD1A	0	0	0	0.000260072	0.000315066	0.000289323	0.000432158	0.000182715	0	0	0.000288154	0.000204957	#DIV/0!	5.43232E-05	#DIV/0!	0.177093791
C9JBI3;P78330	Phosphoserine phosphatase	PSPH	0.000292616	0	0	0.000180398	0	7.33419E-05	0.000409531	0	0	9.75388E-05	8.45799E-05	0.00013651	0.867141262	0.912462571	1.399547368	0.827719465
C9JBL1;X6R2S6;Q9Y6A9	Signal peptidase complex subunit 1	SPCS1	0	0	0	0.008111376	0.010389434	0	0.004115463	0.013936613	0	0	0.006166937	0.006017358	#DIV/0!	0.122112155	#DIV/0!	0.219213785
C9JCD9;C9JNV2;P41223;P41223-2	Protein BUD31 homolog	BUD31	0.000231545	0.000478941	0	0	0.000193305	0	0	0.000195061	0	0.000236829	6.44351E-05	6.50203E-05	0.272074545	0.321640653	0.274545488	0.323772282
C9JTS3;C9JG97;C9JEH3;Q13685	Angio-associated migratory cell protein	AAMP	0.000121111	3.89859E-05	0	0.000251586	0.000138361	0	0.000380232	0.000170328	0	5.33656E-05	0.000129982	0.00018352	2.435694923	0.397935763	3.438921302	0.323220764
C9JFE4;Q13098-5;Q13098;Q13098-7;Q13098-6;A0A096LP07;A0A096LPJ3;A8K070	COP9 signalosome complex subunit 1	GPS1	0	0	0	0	0	0	0.000122328	7.79692E-05	7.10584E-05	0	0	9.0452E-05	#DIV/0!	#DIV/0!	#DIV/0!	0.004892523
C9JFR7;P99999;CON__P62894	Cytochrome c	CYCS	0.000506547	0	0	0.000550192	0	0.000400038	0.000315473	0	0.000470273	0.000168849	0.000316744	0.000261915	1.875897259	0.564108647	1.551179999	0.691819972

C9JIF9;P13798;H7C1U0;C9JLK2;H7C393	Acylamino-acid-releasing enzyme	APEH	7.83182E-05	6.69057E-05	0	0.000147114	0	7.85169E-05	0.000125227	5.66347E-05	0	4.84079E-05	7.52102E-05	6.06206E-05	1.553673778	0.613612859	1.252285158	0.793627353
C9JJ19;P82930;A0A087WUZ8	28S ribosomal protein S34, mitochondrial	MRPS34	0.001078977	0.00064661	0	0.000997588	0.000315266	0.000261976	0.000614111	0.000321105	0	0.000575196	0.000524943	0.000311739	0.912634113	0.904401094	0.541969904	0.505060304
C9JJ54;Q8IWB7	WD repeat and FYVE domain-containing protein 1	WDFY1	4.8382E-05	0	0	9.54843E-05	0	3.22248E-05	5.21587E-05	4.14038E-05	0	1.61273E-05	4.25697E-05	3.11875E-05	2.639598007	0.459617213	1.933828613	0.542436252
C9JJN9;Q8N3P4-2;Q8N3P4-3;Q8N3P4	Vacuolar protein sorting-associated protein 8 homolog	VPS8	0	0.000203877	0	0.000233919	0	0	0.000110683	0.000103846	0	6.79589E-05	7.7973E-05	7.15095E-05	1.147356618	0.927527256	1.052247456	0.96534808
C9JUE0;C9JJP5;Q05BK6;K0J6K2;Q92734-2;Q92734;C9JTY3	Protein TFG	TFG	0	0	0	0	0	0	0.00043142	0	0	0	0	0.000143807	#DIV/0!	#DIV/0!	#DIV/0!	0.373900966
C9JL85;P58546	Myotrophin	MTPN	0.003428394	0.002322531	0	0.003951794	0.000647447	0.00151479	0.003193061	0.001830535	0.000693436	0.001916975	0.00203801	0.001905677	1.063138682	0.935892203	0.994106524	0.993178164
C9JLU1;P52434;P52434-4;P52434-3;P52434-2;P52434-5	DNA-directed RNA polymerases I, II, and III subunit RPABC3	POLR2H	0.001959362	0.001091095	0.001180136	0.009430656	0.007760789	0.006392494	0.00458731	0.005251185	0.006730431	0.001410198	0.007861313	0.005522975	5.574618149	0.002184686	3.916454858	0.003995427
C9JXB8;C9JNW5;P83731	60S ribosomal protein L24	RPL24	0.053846836	0.051282855	0	0.009548208	0.059884534	0	0.006732484	0.004845177	0.000251953	0.035043231	0.023144247	0.003943204	0.660448454	0.665603988	0.112524	0.152718811
C9JP00;Q9NR56-3;Q9NR56-4;Q9NR56-7;Q9NR56-6;Q9NR56-2;Q9NR56-5;Q9NR56;O95205;H7C4T5;Q5VZF2-3;Q5VZF2-2;Q5VZF2	Muscleblind-like protein 1;Muscleblind-like protein 2	MBNL1;MBLL;MBNL2	0.000231932	9.35391E-05	0	0.001026405	0	0	0	0	0	0.00010849	0.000342135	0	3.153596197	0.539530554	0	0.182601329
C9JP16;O75718	Cartilage-associated protein	CRTAP	0.000165457	0	0	2.99346E-05	0	0.000165212	0.000154642	0.000136046	0.000130673	5.51522E-05	6.50487E-05	0.000140454	1.17944105	0.901388132	2.546662171	0.199947748
G5E9W8;C9JQ42;P46976-3;P46976-2;P46976	Glycogenin-1	GYG1	0	0	0	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
F8WBI9;E9PEC3;E7ETT4;E7EUY3;E7ETT1;E9PDR0;C9JQS9;E7EX59;P05166;P05166-2;E7ENC1	Propionyl-CoA carboxylase beta chain, mitochondrial	PCCB	1.28515E-05	0	1.39759E-05	0	0	0	0	0	0	8.94248E-06	0	0	0	0.116814719	0	0.116814719
C9JRT6;F8WDB6;H3BM14;H3BM74;Q9Y5A7-2;Q9Y5A7;C9J7X7;F8WDL9;REV__A6NN40;REV__Q2M3G4-2;REV__Q2M3G4	NEDD8 ultimate buster 1	NUB1	0	0	0	0.000169384	6.73019E-05	0	0	4.27228E-05	8.15078E-05	0	7.88952E-05	4.14102E-05	#DIV/0!	0.18435284	#DIV/0!	0.153349302
C9JW69;P18754;P18754-2;C9JRH2;C9JMJ4;C9J3R0;C9JQZ4	Regulator of chromosome condensation	RCC1	0.001101619	0.000212157	0	0.000202299	0.000194828	0.000342615	0.000240267	0.000404662	0.000370356	0.000437925	0.000246581	0.000338429	0.563065636	0.604509742	0.772799786	0.785050476
C9JXB9;P25686-2;P25686;C9JRD2;C9J1G2;E7ETU0;C9JX00;Q8NHS0;O75190-4	DnaJ homolog subfamily B member 2	DNAJB2	0	0	0	7.15909E-05	0.000485814	2.43365E-05	6.37335E-05	6.80007E-05	0.000268476	0	0.000193914	0.000133403	#DIV/0!	0.25643801	#DIV/0!	0.11948947
C9JYQ9;H0Y8C2;Q6P5R6	60S ribosomal protein L22-like 1	RPL22L1	0.002010465	0.000385935	0	0	0.000846224	0	0	0	0	0.0007988	0.000282075	0	0.3531228	0.488145297	0	0.264456578
H7C4M9;C9JZG9;C9JZY6;P62256-2;P62256	Ubiquitin-conjugating enzyme E2 H	UBE2H	0.000128885	0	0	0	0	0	0	0	0	4.29616E-05	0	0	0	0.373900966	0	0.373900966
E9PKF8;H0Y3P2;D3DQV9;P78344-2;P78344;H0YE22	Eukaryotic translation initiation factor 4 gamma 2	EIF4G2	4.1725E-05	0	0	8.02651E-05	0	0	0.000147164	0	0	1.39083E-05	2.6755E-05	4.90547E-05	1.923669487	0.692007842	3.527000065	0.528535115
D3DTX6;Q96SB3	Neurabin-2	PPP1R9B	0.001533411	0	0.001124559	0.001658414	0.001048115	0.001964086	0.001426472	0.00145851	0.001148713	0.00088599	0.001556872	0.001344565	1.757211308	0.275569291	1.517585096	0.38344162
D3YTB1;F8W727;P62910;D3YTI8	60S ribosomal protein L32	RPL32	0.064091204	0.088055509	0	0.010079995	0.114640353	0.000558064	0.008127301	0.011187872	5.34868E-05	0.050715571	0.041759471	0.00645622	0.823405317	0.851998804	0.127302517	0.170126136
D6RBE4;D6R8Y5		TCP11	0	0	0	0.004645468	0	0	0	0	0	0	0.001548489	0	#DIV/0!	0.373900966	#DIV/0!	#DIV/0!
D6R905;D6RIY6;Q06265;Q06265-2;D6RA17;Q06265-3;Q06265-4;D6RAP4;H0Y9L5	Exosome complex component RRP45	EXOSC9	9.21671E-05	0.000363069	0	0.000265804	0	0	0.000398004	0.000241092	0	0.000151746	8.86013E-05	0.000213032	0.583880927	0.676267897	1.403877691	0.71946602
H0Y8R3;D6R927;Q06330-3;Q06330-2;Q06330-5;Q06330-4;Q06330-6;Q06330-7;Q06330	Recombining binding protein suppressor of hairless	RBPJ	0	7.753E-05	0	0	0	0	0	0	0	2.58433E-05	0	0	0	0.373900966	0	0.373900966
D6R938;E9PBG7;E9PF82;Q13557-8;Q13557-12;Q13557-9;Q13557-10;Q13557-5;Q13557;Q13557-3;Q13557-6;Q13557-4;Q13557-11;H7BXS4;Q8WU40;Q5SWX3;Q13554-7;Q9UQM7;Q13554-4;Q9UQM7-2;Q13554-6;Q13555-10;Q13554-3;Q13554-8;Q13554-5;Q13555-3;Q13555-5;Q13555-4;Q13555-7;Q13555-9;Q13554-2;Q13555-2;Q13555-8;Q13555;Q13555-6;Q13554;D6RHX9;E9PBE8;E7EQE4;H0Y9C2;H0Y6G2	Calcium/calmodulin-dependent protein kinase type II subunit delta;Calcium/calmodulin-dependent protein kinase type II subunit beta;Calcium/calmodulin-dependent protein kinase type II subunit alpha;Calcium/calmodulin-dependent protein kinase type II subunit gamma	CAMK2D;CAMK2B;CAMK2G;CAMK2A	8.72092E-05	0	0	2.4189E-05	6.44161E-05	0	5.54662E-05	6.71124E-05	8.92586E-05	2.90697E-05	2.9535E-05	7.06124E-05	1.01600621	0.989917931	2.429068322	0.247583722
D6R967;H0Y9D8;Q9H2U2;Q9H2U2-2;D6RGV9;Q9H2U2-6;Q9H2U2-3	Inorganic pyrophosphatase 2, mitochondrial	PPA2	0.000138588	0.000158399	0	0.000371176	0.000139558	0.00189496	0.000232128	0.000742793	0.000273897	9.89957E-05	0.000801898	0.000416272	8.100329332	0.272484769	4.204954208	0.137332197
D6RAE9;D6RDG7;S4R2X2;D6RFI0;Q9H9B4	Sideroflexin-1	SFXN1	0.000324086	0.0004799	0	0	0	0	0	0	0	0.000267995	0	0	0	0.130836547	0	0.130836547
D6RAX7;D6RFN0;Q9BT78;D6RD63;Q9BT78-2;D6REK7	COP9 signalosome complex subunit 4	COPS4	3.60884E-05	2.12726E-05	0	9.12479E-05	0	0	8.59006E-05	6.17267E-05	6.23034E-05	1.91203E-05	3.0416E-05	6.99769E-05	1.590766162	0.743198945	3.659814987	0.018064867
D6RB92;Q5JS54-3;Q5JS54;Q5JS54-2	Proteasome assembly chaperone 4	PSMG4	0	0	0	0	0	0	0.000108079	0	0	0	0	3.60264E-05	#DIV/0!	#DIV/0!	#DIV/0!	0.373900966
D6RBW1;P06730;P06730-3;P06730-2;D6RFJ3;H0Y8J7	Eukaryotic translation initiation factor 4E	EIF4E	0.000355664	0.000158849	0	0.000670589	0	0	0.000601875	0	0	0.000171504	0.00022353	0.000200625	1.303349276	0.842885528	1.169797519	0.903463028
J3QSY4;D6RC52;D6RCB9;Q9NX24	H/ACA ribonucleoprotein complex subunit 2	NHP2	0.000441266	0.000483419	0	0	0.001052629	0	0	0	0	0.000308228	0.000350876	0	1.138365582	0.916791834	0	0.116942432
D6RCM8;O95379-3;O95379-2;O95379;O95379-4	Tumor necrosis factor alpha-induced protein 8	TNFAIP8	0	0	0.000162259	0.000185767	0	0.00032982	0.000477753	0.000178848	0.000515363	5.40862E-05	0.000171863	0.000390654	3.177565469	0.343527822	7.222808418	0.04789648
D6RD44;Q96EI5;Q96EI5-2;D6RCE9;A2RQR6;J3KQY4;D6RHZ1;D6RIH3	Transcription elongation factor A protein-like 4	TCEAL4	0.000586994	0	0.000612153	0.00049361	3.07437E-05	0.001234702	0.000590178	0.00027954	0.001229295	0.000399716	0.000586352	0.000699671	1.466922399	0.667852167	1.75042169	0.432130522
D6RDM7;P61086;P61086-3;P61086-2;D6RFX1	Ubiquitin-conjugating enzyme E2 K	UBE2K	0.000873188	0.000313549	0	0.000717834	0.00035181	0.000456156	0.001290312	0.00115212	0.000303759	0.000395579	0.0005086	0.000915397	1.285710067	0.704772643	2.314069326	0.264018032
D6RGI3;D6RER5;Q9NVA2;Q9NVA2-2;D6RDU5;H0Y961;A0A087X142;A6NMH6;A6NFQ9;F8W8I8;Q92599-3;Q92599-2;Q92599-4;Q92599;H0Y9G8;D6RDP1;C9JV02;D6R9Y6;E7EW69;E7EX04;B5ME97;Q9P0V9-3;Q9P0V9;Q9P0V9-2	Septin-11	40787	0.000190933	0.000242331	0	0.000288195	0.00013689	0.00026905	0.000428836	0.000218632	0.000115155	0.000144421	0.000231378	0.000254208	1.60210565	0.377716114	1.760179975	0.405242431
H7BXG7;D6REX3;O94979-7;O94979-6;O94979-3;O94979-10;O94979-4;O94979-9;O94979-2;O94979;O94979-8;H0Y9K1;H0Y8V7;H0Y8W8;H0YAB3;D6	Protein transport protein Sec31A	SEC31A	6.04716E-05	0	0	1.86314E-05	0	0	0	0	0	2.01572E-05	6.21045E-06	0	0.308100772	0.544611263	0	0.373900966
D6RFH4;H3BUX2;J3KNF8;O43169	Cytochrome b5 type B	CYB5B	0	0	0	0.000220124	0	0	0	0	0	0	7.33747E-05	0	#DIV/0!	0.373900966	#DIV/0!	#DIV/0!
D6RG15;Q6IBS0;H0Y858	Twinfilin-2	TWF2	0.00047076	7.26124E-05	0	0.000528182	0	0	0.000578198	0.000252981	0	0.000181124	0.000176061	0.00027706	0.972044863	0.983413606	1.529667253	0.68830073
D6RHI7;D6RG18;P51946	Cyclin-H	CCNH	2.8194E-05	0	0	0	0	0	0	0	0	9.39801E-06	0	0	0	0.373900966	0	0.373900966
D6RH20;G5EA06;Q92552;Q92552-2	28S ribosomal protein S27, mitochondrial	MRPS27	0.000423265	8.03452E-05	7.73912E-05	0.000438103	0.000347924	0.000283127	0.000217592	0.000169247	0.000295472	0.000193667	0.000356385	0.000227437	1.840192349	0.257348532	1.174371237	0.79326055
D6RJ07;Q9UL40-3;Q9UL40;Q9UL40-2;B7Z686;B7Z6Q2;B7Z4J8;B7Z4N4	Zinc finger protein 346	ZNF346	0.000936751	0.000697748	0	0.000137208	0.001129574	0	0.00012297	0.000314757	0	0.000544833	0.000422261	0.000145909	0.775028256	0.80029379	0.26780509	0.248438806
E5RJD2;E5RJG7;E5RFV2;Q16698-2;Q16698	2,4-dienoyl-CoA reductase, mitochondrial	DECR1	0	5.68578E-05	0	0	0.000106174	0	0	0	0	1.89526E-05	3.53915E-05	0	1.867366483	0.703173038	0	0.373900966
E5RGS4;O60925;D6RGG5	Prefoldin subunit 1	PFDN1	0	0	0	0.000506396	0	0	0.000781614	0.00051222	0	0	0.000168799	0.000431278	#DIV/0!	0.373900966	#DIV/0!	0.133066852
E5RGX5;Q93045;Q93045-2	Stathmin;Stathmin-2	STMN2	0.000808766	0.000329707	0.000348926	0.00049052	0.000387239	0.000681978	0.000585125	0.000992386	0.000964867	0.0004958	0.000519913	0.000847459	1.048635052	0.899240884	1.709278401	0.160490274
E5RHG8;Q15369;Q15369-2;R4GMY8	Transcription elongation factor B polypeptide 1	TCEB1	0.006867099	0.004459978	0.006922898	0.027272279	0.009946564	0.024317544	0.023126765	0.021812268	0.018742591	0.006083325	0.020512129	0.021227208	3.371861462	0.056046823	3.489408871	0.00058742
E5RHX8;Q9NPA8-2;Q9NPA8	Transcription and mRNA export factor ENY2	ENY2	0	0	0	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
E5RIM3;Q9Y263;H0YBW4;H0YC16;H0YAU9	Phospholipase A-2-activating protein	PLAA	0	0	0	7.74192E-05	1.52821E-05	0	0.000183356	0.000108274	0	0	3.09005E-05	9.721E-05	#DIV/0!	0.261826381	#DIV/0!	0.141783481
E5RIV7;Q8IV48	3-5 exoribonuclease 1	ERI1	0	0.000168013	0	0	0	0	0	0	0	5.60043E-05	0	0	0	0.373900966	0	0.373900966
E5RIW3;E5RJD8;O75347;E5RHG6;O75347-2;E5RIX8	Tubulin-specific chaperone A	TBCA	0.00341529	0.001922415	0	0.005445275	0.000243578	0	0.004442519	0.002256372	0	0.001779235	0.001896285	0.002232964	1.06578647	0.95683738	1.2550134	0.79321039
E5RJN7;E7EVI1;F8VPI7;E7EPX0;E7EVJ4;E9PH62;Q9NUL3-6;Q9NUL3-8;Q9NUL3-3;Q9NUL3-7;Q9NUL3-2;Q9NUL3;G5EA18;Q9NUL3-4;E5RJ67;E5RFK1	Double-stranded RNA-binding protein Staufen homolog 2	STAU2	0.000103567	0.000386699	0	0	0.000302094	0	3.6598E-05	6.65001E-05	0	0.000163422	0.000100698	3.4366E-05	0.616183899	0.703361262	0.210289875	0.332493493
E5RJR5;P63208;E7ERH2;F8W8N3;P63208-2;E5RGM3	S-phase kinase-associated protein 1	SKP1	0.003272655	0.003250645	0.007446382	0.003852153	0.003604958	0.005868352	0.005383091	0.007748245	0.012148115	0.004656561	0.004441821	0.008426484	0.953884554	0.897707326	1.809593896	0.194828409
E5RK69;H0YC77	Annexin	ANXA6	0	0	0	9.50499E-05	0	0	3.34097E-05	5.12624E-05	0	0	3.16833E-05	2.82241E-05	#DIV/0!	0.373900966	#DIV/0!	0.133490031
E9PD92;E7EM57;E7EUI8;P11413;P11413-2;P11413-3	Glucose-6-phosphate 1-dehydrogenase	G6PD	3.93793E-05	0	0	0.000189672	0	0	2.97076E-05	0	0	1.31264E-05	6.32241E-05	9.90255E-06	4.816549371	0.481161492	0.754398017	0.854115754
E7EM64;Q7L5N1;H7C3T0	COP9 signalosome complex subunit 6	COPS6	0	0	0	0.000101082	0	0	0.00013846	0.000188904	0	0	3.3694E-05	0.000109121	#DIV/0!	0.373900966	#DIV/0!	0.125474362
E7EMN6;Q6NXS1;P41236;E7EUI7	Protein phosphatase inhibitor 2-like protein 3;Protein phosphatase inhibitor 2	PPP1R2;PPP1R2P3	0.00085886	0	0	0.002158025	0	0.000275816	0	0	0	0.000286287	0.00081128	0	2.833804387	0.515075569	0	0.373900966
G3V2V8;J3KMY5;H0YIZ1;G3V3E8;E7EMS2;G3V3D1;P61916-2;P61916	Epididymal secretory protein E1	NPC2	8.15984E-05	0	0	0.000117587	0	0	0	0	0	2.71995E-05	3.91955E-05	0	1.441040265	0.813859727	0	0.373900966
E9PLD0;E7END7;P62820-2;Q9H0U4;Q92928;P62820;H0YL8;H0YL94;H0YMN7;A0A087WTI1;H0YNE9;P62820-3;P51153;Q92930;P59190-2;P59190	Ras-related protein Rab-1A;Ras-related protein Rab-1B;Putative Ras-related protein Rab-1C;Ras-related protein Rab-13;Ras-related protein Rab-8B;Ras-related protein Rab-15	RAB1B;RAB1A;RAB1C;RAB8B;RAB13;RAB15	0.000837808	0.00010459	0	0.000240972	0	0	0.000838253	0.000276691	0.000113775	0.000314133	8.03241E-05	0.000409573	0.255701028	0.443930041	1.30382058	0.794589886
E7ENJ6;Q9BXS5;Q9BXS5-2;K7ENA7;K7EJL1;K7EQ90;K7ER75;K7EPJ8;K7EQX3	AP-1 complex subunit mu-1	AP1M1	8.11687E-05	0.000124111	0	0	0	0	0	0	0	6.84265E-05	0	0	0	0.13322311	0	0.13322311
E7ENN3;Q8NF91-7;Q8NF91-4;Q8NF91;F5GXQ8;Q3ZCV0;Q8NF91-5;Q8NF91-6	Nesprin-1	SYNE1	3.063E-06	0	2.04665E-05	3.36224E-05	0	3.85321E-05	2.31077E-05	0	0	7.84318E-06	2.40515E-05	7.70258E-06	3.066547847	0.301791085	0.982074157	0.98945307
E7ENV7;Q8IYJ1;Q86YQ8;Q9HCH3;A0A087WX62;Q8IYJ1-2	Copine-9;Copine-8;Copine-5	CPNE8;CPNE9;CPNE5	0	0	0	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
H0Y9H2;E7EV99;E7ENY0;P35611-2;P35611-6;P35611;P35611-3;P35611-4;P35611-5;H0YFD8;H0YG19;P35612-2;P35612-8;P35612-9;P35612-4;P35612-3;P35612	Alpha-adducin	ADD1	0.000183804	0	2.1826E-05	0.000147304	3.55839E-05	0.000197349	9.14339E-05	0.000316327	0.000130752	6.85432E-05	0.000126745	0.000179504	1.849132137	0.481868825	2.618850113	0.286893883
E7EPA1;O60256-3;O60256;I3L331;I3L164;C9JDH0;E7EW35;C9JDU5;C9JJS3;C9K0K7;I3L4G9;C9J168;I3L0S1;B4DP31;O60256-4;O60256-2	Phosphoribosyl pyrophosphate synthase-associated protein 2	PRPSAP2	4.92241E-05	0	0	0.000117649	0	0	0.000119918	7.46561E-05	0	1.6408E-05	3.92164E-05	6.4858E-05	2.390073816	0.62003947	3.952821234	0.277964194
E7EPB3;P50914	60S ribosomal protein L14	RPL14	0.057509375	0.051615287	0	0.008538821	0.102265721	0.000423064	0.006960174	0.007461124	0.00048158	0.036374887	0.037075869	0.004967626	1.01927102	0.985958146	0.136567453	0.163110413
G3V1Q4;E7ES33;E7EPK1;Q16181-2;Q16181;H0Y3Y4;Q5JXL7	Septin-7	39326	0.000227206	0.000153038	0.000207055	0.000319542	0.000107494	4.14305E-05	0.000170453	0.000234901	0	0.000195767	0.000156156	0.000135118	0.797662817	0.671690906	0.690199318	0.455589044
E7EPN9;Q9Y520-3;Q9Y520-6;Q9Y520-4;Q9Y520-5;Q9Y520;Q9Y520-7;Q9Y520-2;H7C5N8	Protein PRRC2C	PRRC2C	0.000132852	5.4992E-05	0	0	4.11212E-05	0	0	0	0	6.26148E-05	1.37071E-05	0	0.218910678	0.297870722	0	0.179558284
E7EQ29;P16278-2;P16278-3;P16278	Beta-galactosidase	GLB1	0.000110712	0	0	9.91206E-05	0	0	3.99821E-05	0	0	3.69039E-05	3.30402E-05	1.33274E-05	0.895303379	0.941572324	0.361136885	0.580309089
F5GX39;E7EQ72;Q15363	Transmembrane emp24 domain-containing protein 2	TMED2	0	0	0	0	0	0.000233217	0.000198832	0.000258768	0	0	7.77391E-05	0.000152533	#DIV/0!	0.373900966	#DIV/0!	0.122895447
E7EQR4;P15311	Ezrin	EZR	0.000352227	8.42969E-05	0	0.000518397	8.1088E-05	4.31492E-05	0.000239924	0.000176313	8.49203E-05	0.000145508	0.000214211	0.000167052	1.472164072	0.730319287	1.148064005	0.860893287
E9PES6;E7ES08;E7EQU1;O15347	High mobility group protein B3	HMGB3	0.001288612	0.001732689	0	0	0	0	7.90898E-05	0	0	0.0010071	0	2.63633E-05	0	0.124637997	0.026177396	0.132510866
E7EQY1;Q96C01;C9J2Y4;C9JF51	Protein FAM136A	FAM136A	0.000372226	4.17157E-05	0	0.000854375	0.000238347	0.000213225	0.000236676	0.00014889	0	0.00013798	0.000435315	0.000128522	3.154906324	0.283893958	0.93145204	0.948086341
E7ER27;E7EWE5;P51659-3;P51659;P51659-2;E7EPL9;G5E9S2;E7ET17	Peroxisomal multifunctional enzyme type 2;(3R)-hydroxyacyl-CoA dehydrogenase;Enoyl-CoA hydratase 2	HSD17B4	4.75335E-05	4.7376E-05	0	0	0	0	2.83699E-05	0	0	3.16365E-05	0	9.45663E-06	0	0.116117619	0.298915027	0.29513754
E7ERS3;Q86VM9-2;Q86VM9	Zinc finger CCCH domain-containing protein 18	ZC3H18	0	0	0.000150017	0	0	0	0	4.08453E-05	0	5.00055E-05	0	1.36151E-05	0	0.373900966	0.272271873	0.521283804
E7ERW8;H9KV28;E9PHQ0;E9PEZ3;O60610-2;O60610-3;O60610;E7EMV0	Protein diaphanous homolog 1	DIAPH1	1.52521E-05	0.003189549	0	0.004023669	1.87208E-05	0.001147321	1.40819E-05	0.003093511	0.00866727	0.001068267	0.001729903	0.003924954	1.619354982	0.699691299	3.674132176	0.356859653
E7ESB6;Q6Y7W6-4;Q6Y7W6-5;Q6Y7W6;C9JHW1;I1E4Y6;Q6Y7W6-3	PERQ amino acid-rich with GYF domain-containing protein 2	GIGYF2	2.07661E-05	1.42913E-05	0	0	0	0	0	0	0	1.16858E-05	0	0	0	0.129504002	0	0.129504002
E7ESL0;J3KQY1;Q9NWU5-2;Q9NWU5-3;Q9NWU5	39S ribosomal protein L22, mitochondrial	MRPL22	0.000819807	0.000477055	3.80675E-05	0.000263834	0.000285979	0	0.000261642	0.000247575	0.000167303	0.000444976	0.000183271	0.000225507	0.411866735	0.344173483	0.506783485	0.390525486
E7ESP9;P07197;E7EMV2;P07197-2;A0A087WYG8;Q16352	Neurofilament medium polypeptide	NEFM	0.009880691	0.001527989	0.006754139	0.012025776	0.014867273	0.010265165	0.010855612	0.01349292	0.00870587	0.006054273	0.012386072	0.011018134	2.045839623	0.085083982	1.819893777	0.151196866
E7ETU5;F6Y5H0;P29558-2;P29558;E7EPF2;C9J9B2;C9JIJ9;Q6XE24-3;Q6XE24-4;Q6XE24-5;Q6XE24-2;Q6XE24;F8W1T6;Q15434	RNA-binding motif, single-stranded-interacting protein 1;RNA-binding motif, single-stranded-interacting protein 3	RBMS1;RBMS3	0.000255175	9.61612E-05	0	0.000318826	0.000132567	0.000293477	0.000222342	0.000385281	7.08022E-05	0.000117112	0.00024829	0.000226142	2.120106197	0.237566539	1.930987447	0.405583007
E7ETU9;O00469;O00469-2;O00469-3;C9JXZ0	Procollagen-lysine,2-oxoglutarate 5-dioxygenase 2	PLOD2	0.00010581	7.62677E-05	7.20903E-05	0.000477466	9.50827E-05	0.000328254	0.000341621	0.000211304	0.000168194	8.47226E-05	0.000300268	0.000240373	3.544126167	0.126044669	2.83717544	0.042996399
E7ETY4;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;F5H4F6;H0YNV4;A0A087X0I6;P27448-8;P27448-6;P27448-3;P27448-4;P27448;Q9P0L2;K7EK17;K7EKG8;F5H6N2;H0YKJ3;J3KNR0;Q9P0L2-2;Q96L34-2;Q96L34;P27448-2;Q9P0L2-3;P27448-	Serine/threonine-protein kinase MARK2;MAP/microtubule affinity-regulating kinase 3;Serine/threonine-protein kinase MARK1	MARK2;MARK3;MARK1	1.54108E-05	6.22741E-05	0	0	0	0	0	0	0	2.5895E-05	0	0	0	0.238892722	0	0.238892722
E7EU96;Q5U5J2;P68400;Q8NEV1;P68400-2;A0A087WY74;V9GYA2;V9GY80	Casein kinase II subunit alpha;Casein kinase II subunit alpha 3	CSNK2A1;CSNK2A3	0.001798102	0.000833491	0	0.001018389	3.70696E-05	0.000275721	0.000813497	0.000747705	0.000198374	0.000877198	0.000443726	0.000586525	0.505845441	0.508446659	0.668635174	0.628091691
E7EX73;E9PGM1;E7EUU4;Q04637-6;Q04637-7;Q04637-5;Q04637-4;Q04637-3;Q04637;Q04637-8;Q04637-9;C9JF13;C9J6B6;H7C044;C9K073;H7C0	Eukaryotic translation initiation factor 4 gamma 1	EIF4G1	0.000260395	0.000145003	0	0.000357853	5.24558E-05	3.62508E-05	0.000241545	0.000149999	5.93862E-05	0.000135133	0.000148853	0.00015031	1.101535288	0.920358482	1.112313956	0.876795765
E7EVA0;P27816-6;P27816;P27816-2;H0Y2V1;H7C4C5;F8W9U4;P27816-5;P27816-4;B5MEG9	Microtubule-associated protein;Microtubule-associated protein 4	MAP4	5.83149E-05	6.25601E-05	0	0.00010758	2.50596E-05	4.19741E-06	7.66227E-05	3.78058E-05	1.08617E-05	4.02917E-05	4.56123E-05	4.17634E-05	1.132053188	0.89393279	1.036526805	0.960287722
G5E9S8;G3V2E7;F8W6L3;G3V3H3;G3V5R9;E7EVH7;Q07866-8;Q07866-2;Q07866-3;Q07866;Q07866-7;Q07866-5;Q07866-10;Q07866-6;Q07866-4;Q07866-9;H0YJU9;H0YJL0;H0YJT3;H0YG16;H0YGB8;G3V2P7;H7C4M1;A8MZ87;Q9NSK0-5;Q9H0B6-2;Q9NSK0;Q9H0B6;Q9NSK0-3	Kinesin light chain 1	KLC1	2.99211E-05	0	0	4.65263E-05	0	0	4.43514E-05	0	0	9.9737E-06	1.55088E-05	1.47838E-05	1.55496642	0.778991791	1.482276935	0.80071751
E7EW05;Q9NVU7-2;Q9NVU7	Protein SDA1 homolog	SDAD1	0	3.9179E-05	0	0	5.7593E-05	0	0	0	0	1.30597E-05	1.91977E-05	0	1.469996182	0.804567385	0	0.373900966
E7EX90;Q14203-5;Q14203-2;Q14203-3;Q14203-4;Q14203-6;Q14203;Q6AWB1;E7EWF7	Dynactin subunit 1	DCTN1	1.74812E-05	2.20693E-05	0	5.86712E-05	0	0	0	1.73592E-05	0	1.31835E-05	1.95571E-05	5.7864E-06	1.483453164	0.773317974	0.438912734	0.451246652
E9PAR2;Q03060-23;Q03060-9;Q03060-24;Q03060-8;Q03060-32;Q03060-26;G5E998;Q03060-21;Q03060-31;Q03060-6;P18846-2;P16220-3;P18846;P16220-2;P16220	Cyclic AMP-dependent transcription factor ATF-1;Cyclic AMP-responsive element-binding protein 1	CREM;ATF1;CREB1	0	0	0.000609065	0	0	0.001435172	0.001136721	0.00019725	0.001245623	0.000203022	0.000478391	0.000859865	2.356351979	0.624246747	4.235333616	0.16728467
F8VZJ2;H0YHX9;Q13765;E9PAV3-2;E9PAV3;F8W0W4;F8W1N5;F8VNW4;F8VZ58	Nascent polypeptide-associated complex subunit alpha;Nascent polypeptide-associated complex subunit alpha, muscle-specific form	NACA	0.10702346	0.063199489	0.002846987	0.081095845	0.094862656	0.013316253	0.051040141	0.073489667	0.011372354	0.057689979	0.063091585	0.045300721	1.093631618	0.897407998	0.785244193	0.74289133
E9PB61;Q86V81	THO complex subunit 4	ALYREF	0.004352943	0.002210522	0	0.001237776	0.000762593	0.000251175	0	0.000850216	0	0.002187822	0.000750515	0.000283405	0.343042011	0.327140272	0.129537724	0.213388933
E9PB90;P52789	Hexokinase;Hexokinase-2	HK2	1.07835E-05	0	0	0	0	0	3.69784E-05	0	0	3.59451E-06	0	1.23261E-05	0	0.373900966	3.429151484	0.533791734
E9PBL0;Q9ULI4	E3 ISG15--protein ligase HERC5	HERC5	4.12889E-05	7.70793E-05	0	0	3.64782E-05	0	0	0	0	3.94561E-05	1.21594E-05	0	0.308175333	0.342572522	0	0.151133424
E9PBS1;P22234;P22234-2;D6RF62	Multifunctional protein ADE2;Phosphoribosylaminoimidazole-succinocarboxamide synthase;Phosphoribosylaminoimidazole carboxylase	PAICS	0.006347469	0.002253948	9.99309E-05	0.005980421	0.000942226	0.000669635	0.004650053	0.002753451	0.000654494	0.002900449	0.002530761	0.002685999	0.872540878	0.890361144	0.926063187	0.925872828

E9PBT8;J3KQJ1;Q8NBJ7-2;Q8NBJ7;J3QT17;C9JL30;A8MXB9;C9J660;Q8NBJ7-5;F8WEX5;E9PG02;H7C3B2;F8WA42;Q8NBJ7-3	Sulfatase-modifying factor 2	SUMF2	5.83106E-05	0	0	0	0	0	9.0426E-05	0	0	1.94369E-05	0	3.0142E-05	0	0.373900966	1.550764612	0.780199817
E9PC52;Q16576;Q16576-2;Q5JP01;Q5JP02;Q5JNZ6;C9JAJ9	Histone-binding protein RBBP7	RBBP7	0.001568469	0.00057948	0	0.001249308	0.000733678	0	0.000519231	0.001229307	0	0.000715983	0.000660995	0.000582846	0.923199745	0.929511893	0.814050002	0.829756347
H0YA62;E9PC90;P14635-2;P14635	G2/mitotic-specific cyclin-B1	CCNB1	0	0	0	0	0.000308437	0.000262665	0	0	0	0	0.000190367	0	#DIV/0!	0.118665325	#DIV/0!	#DIV/0!
E9PFG7;E9PDF2;E9PCR7;Q02218-2;Q02218	2-oxoglutarate dehydrogenase, mitochondrial	OGDH	0	0	0	0	0	3.19613E-05	4.97711E-05	0	0	0	1.06538E-05	1.65904E-05	#DIV/0!	0.373900966	#DIV/0!	0.373900966
E9PCY7;G8JLB6;P31943;D6RBM0;D6RIT2;D6RIU0;D6RAM1;E5RGV0;D6R9T0;D6RFM3;E7EN40;D6RDU3;D6RJ04;D6RIH9;H0YB39;E7EQJ0;H0YBD7;D6RDL0;E5RGH4;D6RF17;H0YAQ2;H0YBG7;D6R9D3;E5RJ94;H7C2J6;Q9NQA5	Heterogeneous nuclear ribonucleoprotein H;Heterogeneous nuclear ribonucleoprotein H, N-terminally processed	HNRNPH1	0.064054686	0.034156625	0.026798772	0.050276827	0.041684024	0.023258577	0.049526936	0.031560943	0.032952226	0.041670028	0.038406476	0.038013369	0.921681077	0.825941055	0.912247259	0.788836065
E9PD53;Q9NTJ3;Q9NTJ3-2;C9JR83	Structural maintenance of chromosomes protein;Structural maintenance of chromosomes protein 4	SMC4	4.30504E-05	0	0	6.99966E-05	6.73219E-05	3.36396E-05	0.000131493	4.04976E-05	0	1.43501E-05	5.6986E-05	5.73301E-05	3.97111454	0.082680539	3.995090822	0.358284896
E9PDF6;O43795-2;O43795;H7C2Y7;E7EQD9;C9JUP5;C9JYW1;G3V342	Unconventional myosin-Ib	MYO1B	0.000180248	0	0	5.19315E-05	5.45815E-05	0	0	6.77024E-05	9.35524E-05	6.00828E-05	3.55044E-05	5.37516E-05	0.590923524	0.714855109	0.894625017	0.928452665
E9PDP5;Q8IWZ3;Q8IWZ3-4;Q8IWZ3-6;H0YM23;Q8IWZ3-5;Q8IWZ3-3;Q8IWZ3-2;O75179-6;O75179-7;O75179-2;O75179;D6RHC4;H7C2F5;H3BLS9;H0YLQ3;O75179-5;O75179-3;O75179-4	Ankyrin repeat and KH domain-containing protein 1;Ankyrin repeat domain-containing protein 17	ANKHD1;ANKRD17	1.4598E-05	2.09327E-05	0	3.32462E-05	8.31966E-05	0	2.5346E-05	1.63401E-05	0	1.18436E-05	3.88143E-05	1.38954E-05	3.277247174	0.340681291	1.173244406	0.842280087
E9PE17;I3L0E3;Q9Y2R5	28S ribosomal protein S17, mitochondrial	MRPS17;hCG_1984214	0.000343419	0	0	0.000351226	0.000589417	0	0	0	0	0.000114473	0.000313547	0	2.739048225	0.388447073	0	0.373900966
E9PEB5;Q96AE4;Q96AE4-2;C9JSZ1	Far upstream element-binding protein 1	FUBP1	0.001295658	0.000382596	2.90261E-05	0.001240754	0.000224581	0.000376965	0.000975549	0.000541807	0.000185725	0.000569093	0.0006141	0.000567694	1.079084493	0.93157341	0.997540306	0.997619788
E9PF10;O75694-2;O75694	Nuclear pore complex protein Nup155	NUP155	6.70255E-05	5.71977E-05	0	0	0	0	7.35423E-05	1.76878E-05	0	4.14078E-05	0	3.041E-05	0	0.11860014	0.734404467	0.736328066
E9PF19;Q9Y4P3;Q96E41	Transducin beta-like protein 2	TBL2	2.07916E-05	3.56286E-05	0	0	0	0	0	0	0	1.88067E-05	0	0	0	0.142862158	0	0.142862158
E9PFN5;Q9Y2Q3-4;Q9Y2Q3	Glutathione S-transferase kappa 1	GSTK1	6.87225E-05	0	0	0	0	0	0	0	0	2.29075E-05	0	0	0	0.373900966	0	0.373900966
H0Y8C4;E9PFR3;Q14738-3;Q14738-2;Q14738;H7C5Q9;Q96B13;H0YJ75;Q13362-2;Q13362-3;Q13362;Q13362-4;Q13362-5;H0YJ35;H0YN84;Q15173-2;Q15173	Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit delta isoform;Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit gamma isoform	PPP2R5D;PPP2R5C	0.000118262	0	0	0.00029695	0	0	0.000206531	3.34676E-05	0	3.94208E-05	9.89833E-05	7.99996E-05	2.510940693	0.605952828	2.029374965	0.617946885
H7C1D4;E9PGT1;Q15631;Q15631-2	Translin	TSN	0.000625532	0	0	0.000445067	0	0	0.000296821	0	0	0.000208511	0.000148356	9.89403E-05	0.71150143	0.825698019	0.474509949	0.659721555
H7C3S9;E9PGT6;Q99627-2;Q99627	COP9 signalosome complex subunit 8	COPS8	0.0004728	0.000106157	0	0.000326864	0	0	0.000246621	0.000141854	0	0.000192986	0.000108955	0.000129492	0.564574397	0.664834886	0.670990938	0.711853976
E9PGZ1;Q05682-5;Q05682-4;E7EX44;Q05682-3;Q05682-6;Q05682-2;Q05682;C9J813;C9JEK3	Caldesmon	CALD1	0.000578638	0	0.00020517	0	0	0	4.73182E-05	0	0	0.000261269	0	1.57727E-05	0	0.197810883	0.060369603	0.222453622
E9PH82;Q8NCA5-2;Q8NCA5	Protein FAM98A	FAM98A	6.14232E-05	0	0	0	0	0	0	0	0	2.04744E-05	0	0	0	0.373900966	0	0.373900966
E9PHS0;O43813;F8WDS9	LanC-like protein 1	LANCL1	0.000306171	3.58937E-05	0.000395217	0.001199152	0.000881282	0.000380098	0.000199953	0	0.000346342	0.000245761	0.000820177	0.000182098	3.337301725	0.093214013	0.740958881	0.688214539
J3QLB5;E9PI66;Q7KZJ0;J3QKK3;O43502-2;O43502	DNA repair protein RAD51 homolog 3	RAD51C	0	0	0	0.000712707	0	0	0	0	0	0	0.000237569	0	#DIV/0!	0.373900966	#DIV/0!	#DIV/0!
E9PSE5;E9PIA8;P50897-2;P50897	Palmitoyl-protein thioesterase 1	PPT1	0	0	0	0.002124596	0	0	0.001794865	0.001724546	0	0	0.000708199	0.001173137	#DIV/0!	0.373900966	#DIV/0!	0.116275285
E9PID8;P33240-2;P33240;E7EWR4;Q9H0L4	Cleavage stimulation factor subunit 2	CSTF2	0.000131774	0	0.000167984	0.000636756	0.000157067	0.001426674	0.00035803	6.22919E-05	0.000754752	9.99193E-05	0.000740166	0.000391692	7.407636804	0.161765355	3.920080662	0.231469154
E9PIF2;Q13206	Probable ATP-dependent RNA helicase DDX10	DDX10	0	8.74086E-06	0	0	0.000320352	0	0	0	0	2.91362E-06	0.000106784	0	36.64991457	0.385935215	0	0.373900966
E9PIQ7;O00165-5;O00165-3;O00165;O00165-2;Q5VYD6	HCLS1-associated protein X-1	HAX1	5.96167E-05	0	0	0	0	0	0.000296679	0	0	1.98722E-05	0	9.8893E-05	0	0.373900966	4.976442732	0.477182761
E9PIY1;Q9UKS6	Protein kinase C and casein kinase substrate in neurons protein 3	PACSIN3	0	0	0	0	0	0	0	0	4.8988E-05	0	0	1.63293E-05	#DIV/0!	#DIV/0!	#DIV/0!	0.373900966
E9PJ55;Q9NUJ3;H0YES4;R4GNF5;E9PP52;E9PMB0	T-complex protein 11-like protein 1	TCP11L1	0.00128032	0.001689562	1.6038E-05	9.88452E-05	5.71073E-05	1.7657E-05	3.36369E-05	4.53316E-05	3.4047E-05	0.000995307	5.78699E-05	3.76718E-05	0.058142724	0.136535439	0.037849451	0.130058224
E9PJ81;E9PRQ7;Q04323;Q04323-2;A0A087WTZ5;E9PS08	UBX domain-containing protein 1	UBXN1	0.000217969	0	0	0.001105938	0.000195334	0	0.00026223	0.000252218	0	7.26565E-05	0.000433757	0.000171483	5.969975981	0.358591609	2.360187088	0.429007349
E9PJE4;Q9GZQ3	COMM domain-containing protein 5	COMMD5	0	0	0	0.000132147	0	0	0	0	0	0	4.40491E-05	0	#DIV/0!	0.373900966	#DIV/0!	#DIV/0!
E9PJF0;E9PQW4;P27361-3;P27361;E9PBK7;P27361-2;H0YEX6;E9PRH7;B3KR49	Mitogen-activated protein kinase;Mitogen-activated protein kinase 3	MAPK3	0.000230965	0.000167519	0	0.000308683	0.00017009	0	0.00032541	0.000245781	0	0.000132828	0.000159591	0.000190397	1.201486228	0.824046151	1.433408344	0.655783504
E9PMI6;E9PJF4;J3KN38;P54105;E9PQ83	Methylosome subunit pICln	CLNS1A	0.000849859	0.000576305	0	0.002244477	3.25495E-05	0.0009925	0.001815846	0.000760648	0.000372645	0.000475388	0.001089842	0.000983046	2.292531072	0.42204433	2.067881309	0.366229677
E9PS95;E9PJH7;Q9H1K4;Q9H936;K4DIA8;K4DIA2;K4DIB0;K4DIB2;E9PQ36;K4DIB8;E9PI74;K4DIB3	Mitochondrial glutamate carrier 2;Mitochondrial glutamate carrier 1	SLC25A22;SLC25A18	0	6.11989E-05	0	0.000210093	0	0	0	0	0	2.03996E-05	7.00309E-05	0	3.432950588	0.533581354	0	0.373900966
E9PJM3;Q9UK99-3;Q9UK99-2;Q9UK99;G3V1E0;E9PL46;Q49AF1;B4E3U2	F-box only protein 3	FBXO3	4.65132E-05	1.85203E-05	0	0.000109967	3.45553E-05	9.17107E-05	9.2825E-05	0.000173076	0	2.16778E-05	7.87443E-05	8.86337E-05	3.632477155	0.097011006	4.088676897	0.265781851
E9PJZ7;Q13136-2;Q13136;E9PID5;F8VU88;F8VWR9;E9PPF6;H0YEF9;G3V200;O75334-2;O75334-4;O75334-3;O75334	Liprin-alpha-1;Liprin-alpha-2	PPFIA1;PPFIA2	0.011369981	0.011540627	0.007419748	0.022677639	0.016832471	0.020930322	0.018924428	0.019044461	0.001555381	0.010110118	0.020146811	0.013174757	1.992737352	0.010221204	1.303125849	0.634418963
E9PK01;P29692;E9PRY8;P29692-2;A0A087X1X7;P29692-4;E9PPR1;E9PL12;E9PQ49;E9PI39;E9PMW7;E9PIZ1;E9PK06;H0YCK7;E9PK72	Elongation factor 1-delta	EEF1D	0.003851143	0.003404432	0	0.004402973	0.002414868	0.001980228	0.004344289	0.003312441	0.002524108	0.002418525	0.002932689	0.003393613	1.212594199	0.736760639	1.403174487	0.502726636
E9PK85;P62070-3;P62070;P62070-4;P62070-2;P10301	Ras-related protein R-Ras2;Ras-related protein R-Ras	RRAS2;RRAS	0.000210915	0	0	0	0	0	6.67088E-05	0	0	7.0305E-05	0	2.22363E-05	0	0.373900966	0.316282749	0.550033851
H0YEN2;E9PQP7;H7BXH2;E9PKF6;Q5H9R7-3;Q5H9R7-4;Q5H9R7-6;Q5H9R7-2;Q5H9R7;Q5H9R7-5	Serine/threonine-protein phosphatase 6 regulatory subunit 3	PPP6R3	5.83192E-05	2.59252E-05	0	0	0	0	0	0	0	2.80815E-05	0	0	0	0.171323864	0	0.171323864
E9PKH2;P50454;E9PR70;E9PPV6;H0YEP	Serpin H1	SERPINH1	0.000582054	0.00011844	0	0.001399193	0	0	0.001172975	0.000410763	0	0.000233498	0.000466398	0.000527913	1.997438722	0.665019836	2.260888652	0.488985422
E9PKK4;G3V1A9;P42695	Condensin-2 complex subunit D3	NCAPD3	0	0	0	1.41865E-05	0	0	0	0	0	0	4.72884E-06	0	#DIV/0!	0.373900966	#DIV/0!	#DIV/0!
E9PL41;Q9NWT6	Hypoxia-inducible factor 1-alpha inhibitor	HIF1AN	0	0	0	0	0	0	7.6353E-05	0	0	0	0	2.5451E-05	#DIV/0!	#DIV/0!	#DIV/0!	0.373900966
F8VSA6;E9PS38;S4R3E9;E9PL57;Q15843	NEDD8	NEDD8;NEDD8-MDP1	0	0	0.001109804	5.50349E-05	0	0	0	0	0	0.000369935	1.8345E-05	0	0.049589773	0.396248432	0	0.373900966
E9PL69;P23921	Ribonucleoside-diphosphate reductase large subunit	RRM1	0.000183316	0.000158459	0	0.000636734	0.000102697	0.000710369	0.00026267	0.002125485	0.000314677	0.000113925	0.000483267	0.000900944	4.241971524	0.138355126	7.908215694	0.269924331
E9PLD3;E9PRG8	Uncharacterized protein C11orf98	C11orf98	0.002156924	0.001436735	0	0.000325924	0.000206577	0	0.000140248	0.000348718	0	0.001197886	0.0001775	0.000162989	0.148177998	0.186688039	0.136063682	0.182280312
E9PLG2		PSMC3	0	0	0	0.000130813	0.000213297	0.000108202	0.000181499	0.000128819	0	0	0.000150771	0.000103439	#DIV/0!	0.009166141	#DIV/0!	0.127451504
E9PQD0;E9PS30;E9PLI6;E9PS76;Q8N9N8	Probable RNA-binding protein EIF1AD	EIF1AD	0	0	0	0.000194614	0	0	0	0	0	0	6.48713E-05	0	#DIV/0!	0.373900966	#DIV/0!	#DIV/0!
E9PLK3;P55786;P55786-2;A6NEC2;E9PP11;A6NEC2-2;H0YCQ5;E9PJY4;E9PPD4;A6NEC2-3;E9PI82;E9PJ74;H0YDG0	Puromycin-sensitive aminopeptidase;Puromycin-sensitive aminopeptidase-like protein	NPEPPS;NPEPPSL1	0.000458666	0.000149671	0.000271806	0.000709505	3.1458E-05	0.000176779	0.000549608	0.000641515	6.94666E-05	0.000293381	0.000305914	0.000420197	1.042719759	0.958220549	1.432256522	0.558262006
E9PRZ9;E9PM92;O00193	Small acidic protein	C11orf58;SMAP	0.000190615	0	0	0.00043349	0	0	0.000164621	0	0	6.35384E-05	0.000144497	5.48738E-05	2.274164181	0.635057907	0.86363149	0.922765986
E9PMR3;E9PMG4;Q9BUR4	Telomerase Cajal body protein 1	WRAP53	0	0	0	0.000794188	0	0.000232524	0	0	0	0	0.000342237	0	#DIV/0!	0.220194967	#DIV/0!	#DIV/0!
E9PMS6;E9PMT2;F8WD26;J3KP06;Q8WWI1-3;Q8WWI1-5;Q8WWI1-4;Q8WWI1-2;Q8WWI1;E9PMP7;H0Y424;E9PJ10;H0	LIM domain only protein 7	LMO7	2.32641E-05	0	4.25646E-05	0	0	6.95723E-05	0	0	0	2.19429E-05	2.31908E-05	0	1.056869353	0.96436736	0	0.149120433
E9PN81;Q8TDP1-2;Q8TDP1;H0YEF3	Ribonuclease H2 subunit C	RNASEH2C	0	0	0	4.78944E-05	0	0	0	0	0	0	1.59648E-05	0	#DIV/0!	0.373900966	#DIV/0!	#DIV/0!
E9PN89		HSPA8	0.000560315	0	0.000966547	0.001161266	0.000619446	0.001261763	0.000858013	0	0.001355343	0.000508954	0.001014158	0.000737785	1.99263316	0.215804971	1.449611194	0.661629366
E9PNS3;F2Z2Y8;Q9H0E2	Toll-interacting protein	TOLLIP	0	0	0	0	0	0.001668804	9.44291E-05	0.001462526	0	0	0.000556268	0.000518985	#DIV/0!	0.373900966	#DIV/0!	0.333763048
E9PNW4;E9PR17;P13987;H0YET2	CD59 glycoprotein	CD59	0.008197857	0	0	0	0	0	0	0	0	0.002732619	0	0	0	0.373900966	0	0.373900966
E9PNW8;Q8WVX9	Fatty acyl-CoA reductase 1	FAR1	0	0	0	0.00012264	0	7.61597E-05	3.32053E-05	0.000171344	4.69521E-05	0	6.62666E-05	8.38339E-05	#DIV/0!	0.137389046	#DIV/0!	0.129021458
E9PP50;P23528;E9PK25;G3V1A4;E9PS23;E9PQB7;E9PLJ3	Cofilin-1	CFL1	0.025577623	0.010269449	0.001974106	0.030292829	0.008023082	0.008500933	0.024622084	0.015442431	0.002496165	0.012607059	0.015605615	0.014186893	1.237847331	0.781052663	1.12531346	0.87512057
F2Z3M0;E9PPN1;H0YCV5;Q8WW01-2;Q8WW01	tRNA-splicing endonuclease subunit Sen15	TSEN15	0	0	0	0.000408793	0.000713363	0.000547738	0.000197719	0.000640169	0.000585663	0	0.000556631	0.000474517	#DIV/0!	0.003201283	#DIV/0!	0.027110369
E9PQ73;Q8TDW7-3;Q8TDW7	Protocadherin Fat 3	FAT3	0.000103552	2.96164E-05	0	0.000257318	2.28772E-05	8.75375E-05	0.000154106	1.95166E-05	0	4.43895E-05	0.000122577	5.78741E-05	2.761407256	0.363909532	1.30377847	0.825811296
E9PR30;P62861	40S ribosomal protein S30	FAU	0.016735546	0.013729286	0	0.00384051	0.003644102	0.000199763	0.002524326	0.001792312	0	0.010154944	0.002561458	0.001438879	0.252237559	0.224135419	0.141692496	0.169358211
E9PRE7;P11498-2;P11498	Pyruvate carboxylase, mitochondrial	PC	3.63397E-05	6.80871E-05	0	0	0	0	0	0	0	3.48089E-05	0	0	0	0.151501446	0	0.151501446
F2Z2W6;F2Z2Y5;H7BXJ5;P05114	Non-histone chromosomal protein HMG-14	HMGN1	0	0	0	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
F2Z2W7;Q8IZ69-2;Q8IZ69;H7C100;C9K041	tRNA (uracil-5-)-methyltransferase homolog A	TRMT2A	0.000117371	0.00056491	0	5.69561E-05	0.000206712	0	2.05273E-05	3.65766E-05	0	0.000227427	8.78892E-05	1.90346E-05	0.386450413	0.487836637	0.083695703	0.293399746
F2Z2Y4;O00764-3;O00764;O00764-2	Pyridoxal kinase	PDXK	0.00014851	0.000122922	0	0.000328991	0	0	7.11263E-05	7.02461E-05	3.50032E-05	9.04773E-05	0.000109664	5.87919E-05	1.212058675	0.879585102	0.649796557	0.540078004
F5GWA7;F5GY37;J3KPX7;Q99623;Q99623-2;F5H3X6;F5H2D2;F5H0C5	Prohibitin-2	PHB2	0.000430633	0.000261199	0	0.00016954	4.71185E-05	0	3.37306E-05	0	0	0.000230611	7.22196E-05	1.12435E-05	0.31316713	0.305963354	0.048755447	0.156030993
F5GWN1;J3KRP6;J3QS72;X6R3J2;J3QQM2;J3KT74;J3QQW2;Q15532-2;Q15532	Protein SSXT	SS18	0.000382923	0.000175425	0	0.000890357	0	0.000684756	0.000822752	0.002206305	0.001244257	0.000186116	0.000525038	0.001424438	2.821021383	0.308887879	7.653489344	0.043256142
F5GWT4;Q9H4A3-4;Q9H4A3-2;Q9H4A3;Q9H4A3-5;Q9H4A3-6;Q9H4A3-7	Serine/threonine-protein kinase WNK1	WNK1	1.47337E-05	0	0	0	0	0	0	0	0	4.91124E-06	0	0	0	0.373900966	0	0.373900966
F5GWV0;F5H4P3;Q6NXE6-2;Q6NXE6;F5H7V0;F5GZP0;F5H3X1;F5H052;F5H2X2;F5H2K4;B4E1N1	Armadillo repeat-containing protein 6	ARMC6	0	0	0	0	0	0	0.000178703	0	0	0	0	5.95677E-05	#DIV/0!	#DIV/0!	#DIV/0!	0.373900966
F5GX07;H0YG83;H0YGR4;H0YG54;F5GYG5;Q9Y3B8-2;Q9Y3B8-3;Q9Y3B8;H0YH58	Oligoribonuclease, mitochondrial	REXO2	8.58881E-05	0.000252783	0	0	0	0	9.84151E-05	0.000116531	0	0.00011289	0	7.16487E-05	0	0.202851891	0.634674944	0.643671548
F5H1S8;F5GX14;Q14165	Malectin	MLEC	6.81426E-05	0	0	7.31851E-05	0	0	6.12351E-05	0.000109566	0	2.27142E-05	2.4395E-05	5.69337E-05	1.073999894	0.962199949	2.506527149	0.42979003
F5H5V4;F5GX23;J3KN29;O00233-2;O00233;F5H7X1;F5H169	26S proteasome non-ATPase regulatory subunit 9	PSMD9	0	0.000213355	0	0.000901329	0.000735678	0.00039332	0.000335772	0.001080766	0.000610087	7.11185E-05	0.000676776	0.000675542	9.516173907	0.021640788	9.498827141	0.057524088
F5GX77;Q9UI30-2;Q9UI30;F5GYQ2	Multifunctional methyltransferase subunit TRM112-like protein	TRMT112	0.00143086	0.003332704	0	0.001810718	0.000234932	0	0.001188221	0.000254304	0	0.001587855	0.000681883	0.000480842	0.42943689	0.46402096	0.302824711	0.343254069
F5GXE4;O95260-2;B4E107;Q5SQQ1	Arginyl-tRNA--protein transferase 1	ATE1	0.001041235	0.000166336	7.44332E-05	0.001193397	0	0.000271472	0.000184725	0.000116486	0.000239649	0.000427335	0.00048829	0.000180286	1.14263989	0.904027646	0.421885988	0.470314503
U3KQ85;F5GXW5;Q99622	Protein C10	C12orf57	0	0	0	0.000367683	0	0	0.000360784	0	0	0	0.000122561	0.000120261	#DIV/0!	0.373900966	#DIV/0!	0.373900966
F5GXX5;P61803;F5H895	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit DAD1	DAD1	0.000355062	8.52793E-05	0	0.002308292	0.000646847	0	0.001522772	0.000659886	0	0.00014678	0.000985046	0.000727553	6.711015883	0.29467195	4.956741069	0.269701588
J3KR44;F5GYJ8;Q96FW1;F5GYN4;F5H6Q1;F5H3F0;Q96FW1-2	Ubiquitin thioesterase OTUB1	OTUB1	0.000544333	0.000327445	0	0.00060973	7.53564E-05	0	0.00059509	0.000321442	0	0.000290593	0.000228362	0.00030551	0.78584978	0.814759942	1.051335606	0.952161444
F5H3C5;F5H4R2;F5GYZ5;P04179-4;P04179;G8JLJ2;P04179-3;P04179-2;G5E9P6;F5GXZ9	Superoxide dismutase [Mn], mitochondrial	SOD2	0	0	0	0.000517345	0	0	5.85976E-05	0.001151739	0.000267919	0	0.000172448	0.000492752	#DIV/0!	0.373900966	#DIV/0!	0.215264492
F5GZS6;J3KPF3;P08195-2;P08195-3;P08195;P08195-4;H0YFS2;F5H0E2;F5H867;F5GZI0;F5GZR9;H0YFX4	4F2 cell-surface antigen heavy chain	SLC3A2	0.000676077	0.000127507	6.99549E-05	0.000558455	0.000167393	8.07673E-05	0.000631685	0.000202107	0	0.00029118	0.000268872	0.000277931	0.923388163	0.931184193	0.954498718	0.962987091
J3QT54;F5H6M0;F5H047;F5H669;Q8N684-2;Q8N684;Q8N684-3	Cleavage and polyadenylation specificity factor subunit 7	CPSF7	4.69471E-05	3.11498E-05	0	5.68531E-05	0	0	0	0	0	2.60323E-05	1.8951E-05	0	0.727981646	0.777616347	0	0.132130415
F5H0B0;H0YC42;P55327-2;P55327-4;P55327;P55327-7;P55327-5;P55327-6;P55327-3;E5RFR7;H0YC44;P55327-8	Tumor protein D52	TPD52	0.000157446	0	0	4.9052E-05	0	0	0.000100008	0	0	5.24821E-05	1.63507E-05	3.33359E-05	0.311547929	0.546891776	0.635187053	0.773495038
F5H0B6;U3KQ53;Q86WQ0;Q86WQ0-2	Nuclear receptor 2C2-associated protein	NR2C2AP	0.000205753	0	0	0.000801397	0	0	0.000716146	0.000237234	0	6.85843E-05	0.000267132	0.000317793	3.894948389	0.511402056	4.633614887	0.323502032
F5H0C8;P09104-2;P09104;F5H1C3	Enolase;Gamma-enolase	ENO2	0	0	3.76526E-05	0	4.36412E-05	0	3.56923E-05	0	0	1.25509E-05	1.45471E-05	1.18974E-05	1.159048483	0.922251294	0.947937185	0.971670119
F5H1S9;G8JLB3;Q9Y606-2;Q9Y606	tRNA pseudouridine synthase;tRNA pseudouridine synthase A, mitochondrial	PUS1	0.000142126	2.83481E-05	0	0.000250466	2.05609E-06	8.91161E-05	5.70532E-05	0.000145109	0	5.68246E-05	0.000113879	6.73873E-05	2.004050349	0.537681551	1.185881186	0.870009368
F5H1U9;O75970-5;O75970-3;O75970-2;O75970;B7Z824;H0YGQ3;F5H8D6;F8WDQ8;A0A075B6R8	Multiple PDZ domain protein	MPDZ	0	0	0	1.50405E-05	7.87479E-06	0	2.82654E-05	3.19333E-05	0	0	7.63843E-06	2.00662E-05	#DIV/0!	0.153464088	#DIV/0!	0.117591067
F5H2F4;P11586;V9GYY3	C-1-tetrahydrofolate synthase, cytoplasmic;Methylenetetrahydrofolate dehydrogenase;Methenyltetrahydrofolate cyclohydrolase;Formyltetrahydrofolate synthetase;C-1-tetrahydrofolate synthase, cytoplasmic, N-terminally processed	MTHFD1	0.000827132	0.000550983	4.14639E-06	0.000691637	0.000517614	0.000326853	0.000511821	0.000346767	0.000163494	0.000460754	0.000512035	0.000340694	1.111297414	0.855325535	0.73942665	0.670464812
F5H345;P08397-2;P08397	Porphobilinogen deaminase	HMBS	0	1.68432E-05	0	7.18551E-05	0	0	0	0	0	5.6144E-06	2.39517E-05	0	4.26611363	0.497452256	0	0.373900966
F5H365;Q15436;Q15436-2;G3V4V1;G3V1W4;G3V3G5;G3V2R6	Protein transport protein Sec23A	SEC23A	3.94265E-05	0	0	2.75074E-05	0	0	0	0	0	1.31422E-05	9.16913E-06	0	0.697687181	0.816393502	0	0.373900966
F5H4B6;Q8IZ83-3;Q8IZ83	Aldehyde dehydrogenase family 16 member A1	ALDH16A1	8.28679E-05	0	1.93654E-05	0	0	1.40324E-05	0	0	0	3.40777E-05	4.67748E-06	0	0.137259052	0.312489546	0	0.244965482
F8VUX1;F8VY35;F8W0J6;F5H4R6;P55209-2;P55209;F8VV59;B7Z9C2;H0YIV4;B3KV44;F8W020;F8VXI6;H0YHC3;F8W118;F8VRJ2;F8VVB5;H0YH88;B7Z4K9	Nucleosome assembly protein 1-like 1	NAP1L1	0.00647786	0.000879342	0	0.002749619	0.011344032	0.000642597	0.012739026	0.007896068	0.009730652	0.002452401	0.004912082	0.010121916	2.002968904	0.557720359	4.127349719	0.03610953
F5H4V9;Q16342-3;Q16342;J3QK82;A0A087WYJ3;Q16342-5;Q16342-2;Q16342-4;H0YFZ5;H0YFM2;H0YFS8;F5GWT2	Programmed cell death protein 2	PDCD2	0.000201066	4.92209E-05	0	5.78562E-05	0	0	0.000124509	0.000181629	0	8.34289E-05	1.92854E-05	0.000102046	0.231159643	0.369634993	1.223148029	0.829182334
F5H527;Q76I76;J3KSQ9;Q76I76-3;Q76I76-4;K7EP00;Q76I76-2;K7EQZ0;J3KSP5	Protein phosphatase Slingshot homolog 2	SSH2	1.40409E-05	0	3.93921E-06	7.74506E-06	0	0	6.31259E-05	3.12806E-06	0	5.99339E-06	2.58169E-05	2.20847E-05	4.307559109	0.490670145	3.6848379	0.485502465
H0YG38;F5H578;O75400-2;O75400-3;O75400;H7C2N3	Pre-mRNA-processing factor 40 homolog A	PRPF40A	0.000717621	0.00132835	0.001634819	0	0.00024865	0.00162026	0.000275514	0.000663296	0.001532528	0.00122693	0.00062297	0.000823779	0.507746761	0.350112798	0.671415007	0.42946988
F5H5D3;Q9BQE3;F8VQQ4;F8VVB9;F8VRZ4;F8VS66;F8VWV9;C9JEV8;C9JQ00;C9JJQ8;F8VX09;C9JDL2;C9K0S6;F8VRK0;F8VXZ7;F8W0F6	Tubulin alpha-1C chain	TUBA1C;TUBA1A;TUBA1B	0	0	0	0	0	0.000334829	3.84519E-05	5.63925E-05	0	0	0.00011161	3.16148E-05	#DIV/0!	0.373900966	#DIV/0!	0.130149907
H0Y8R1;F5H5I6;H0YAK1;Q12849;Q12849-5;H0YAM1	G-rich sequence factor 1	GRSF1	0.00096502	0.000388706	0.000150493	0.000742509	4.50527E-05	7.07996E-05	0.000746212	0.000558586	8.0951E-05	0.000501406	0.00028612	0.000461916	0.570636171	0.552669066	0.921241729	0.905549912
F5H5U2;Q8NHQ9;E7EX41;Q8NHQ9-2	ATP-dependent RNA helicase DDX55	DDX55	0	6.82309E-05	0	0	0.000274551	0.000114761	0	0	0	2.27436E-05	0.00012977	0	5.705789815	0.26574105	0	0.373900966
F5H658;Q14562	ATP-dependent RNA helicase DHX8	DHX8	0	4.1858E-05	0	9.71748E-06	0	0	0	0	0	1.39527E-05	3.23916E-06	0	0.232153788	0.496064155	0	0.373900966
F5H6E2;O00159-3;O00159;I3L501	Unconventional myosin-Ic	MYO1C	0.000759359	0	0	2.27963E-05	0.000139432	0	2.15227E-05	6.26486E-05	0	0.00025312	5.40763E-05	2.80571E-05	0.213639066	0.48151883	0.110845168	0.425277728
F5H7F6;F5H6X2;P10620-2;P10620	Microsomal glutathione S-transferase 1	MGST1	0	0	0	0.000990691	0	0	0.000677337	0	0	0	0.00033023	0.000225779	#DIV/0!	0.373900966	#DIV/0!	0.373900966
F5H702;Q96GC5-3;Q96GC5;F5H8D0	39S ribosomal protein L48, mitochondrial	MRPL48	0.000563086	0.000684944	0	0	0.00055633	0	7.83744E-05	0	0	0.00041601	0.000185443	2.61248E-05	0.445766354	0.457820343	0.062798444	0.140549177
F5H7D6;H0YNT2;H0YKT5;H0YKN8;H0YL70;Q04726-2;Q04726-7;Q04726-3;Q04726-6;Q04726-5;Q04726-4;Q04726;K7EJR7;H0YNI7;H0YKH0;H0YLW9;H0YLI3;K7EMK7;Q5T7A9;Q04725-2;Q04727-2;Q04725-3;Q04725;Q04727-3;Q04727	Transducin-like enhancer protein 3;Transducin-like enhancer protein 2;Transducin-like enhancer protein 4;Transducin-like enhancer protein 1	TLE3;TLE2;TLE1;TLE4	3.37877E-05	8.74131E-05	0	0	0	0	0	0	0	4.04003E-05	0	0	0	0.187601158	0	0.187601158
H0Y8Y3;F5H7Y0;Q96HC4-7;Q96HC4-4;Q96HC4;Q96HC4-6	PDZ and LIM domain protein 5	PDLIM5	0.000122067	3.64432E-05	0	4.05815E-05	0	0	3.53233E-05	0	0	5.28366E-05	1.35272E-05	1.17744E-05	0.256018708	0.366355829	0.222845665	0.341200771
H7C3P4;F6S8M0;P15586-2;P15586;F5H4C6;H0YFA9	N-acetylglucosamine-6-sulfatase	GNS	3.10897E-05	0	0	0.000557828	0	0	0.000208013	5.124E-05	0	1.03632E-05	0.000185943	8.64177E-05	17.94253392	0.399164194	8.338877543	0.296646721
F6T1Q0;Q6L8Q7-2;Q6L8Q7	2,5-phosphodiesterase 12	PDE12	9.30843E-05	0.000145897	0	8.06368E-05	0.000101089	0	6.11017E-05	7.28302E-05	0	7.96605E-05	6.05751E-05	4.4644E-05	0.760416113	0.735280345	0.56042776	0.508236584
F6TLX2;Q9HC38-2;I3L3Q4;Q9HC38;Q9HC38-3;I3L1F4;I3L1I0	Glyoxalase domain-containing protein 4	GLOD4	0.000596081	0.000227671	0	0.00046551	2.51007E-05	4.25794E-05	0.000392354	0.000379427	0.00014914	0.000274584	0.00017773	0.000306974	0.647269923	0.68978872	1.117959537	0.873434658
F8VQF4;F8VRS8;F8W145;F8VP97;F8VV52;Q9NZN8-2;Q9NZN8-4;Q9NZN8	CCR4-NOT transcription complex subunit 2	CNOT2	0.000125429	0	0	0	0	0	0	0	0	4.18095E-05	0	0	0	0.373900966	0	0.373900966
F8VQW0;F8VX73;F8VPI1;F8W201;F8W086;F8VR05;F8VQQ5;F8VSI7;F8VVJ4;P55061;F8W1G3;F8VY06;P55061-2	Bax inhibitor 1	TMBIM6	0	0	0	0.011275229	0.006915051	0.006649343	0.013947603	0.005038311	0.006235802	0	0.008279874	0.008407239	#DIV/0!	0.005254502	#DIV/0!	0.039490172
F8W0B5;F8WB05;H0YH87;F8WB06;F8VQP2;V9GY86;Q99700-2;Q24JQ7;Q99700-4;Q99700	Ataxin-2	ATXN2	0	4.35905E-05	0	0	0	0	0	0	0	1.45302E-05	0	0	0	0.373900966	0	0.373900966
F8VU51;P49750-3;P49750;P49750-4;H0YI23;H0YIQ2	YLP motif-containing protein 1	YLPM1	2.09304E-05	2.23194E-05	0	3.89335E-05	0	0	0	0	0	1.44166E-05	1.29778E-05	0	0.900202551	0.927481837	0	0.116526592
F8VV32;P61626	Lysozyme;Lysozyme C	LYZ	0	0	0.000919926	0	0	0.001959599	0	0	0.001255837	0.000306642	0.0006532	0.000418612	2.130169832	0.656122125	1.365149663	0.839715524

F8VVA7;P61923;P61923-4;F8VXB1;F8VUC5;F8W156;F8W651;F8VXR1;F8VYZ4;P61923-5;F8VYK5;P61923-2;P61923-3	Coatomer subunit zeta-1	COPZ1	0.000434048	7.86531E-05	0	0.000647952	0.000328866	0.000273157	0.00071396	0.000318032	0	0.0001709	0.000416658	0.000343997	2.438017112	0.238128709	2.012851763	0.52031805
F8VVM2;Q00325-2;Q00325;F8VZL5;F8VWR4;F8VWQ0	Phosphate carrier protein, mitochondrial	SLC25A3	0.000896108	0.000557692	0	0.000674328	0.000439212	0.00016825	0.000632054	4.59709E-05	0.000169014	0.0004846	0.000427264	0.000282346	0.881682952	0.857451784	0.582637728	0.55740334
F8VWW8;Q92485;Q92485-2	Acid sphingomyelinase-like phosphodiesterase 3b	SMPDL3B	0.000166296	0	0	0	0	0	0	0	0	5.54321E-05	0	0	0	0.373900966	0	0.373900966
F8VX55;Q12800-3;Q12800	Alpha-globin transcription factor CP2	TFCP2	0	0	0	0.000207032	0	0	0	0	0	0	6.90107E-05	0	#DIV/0!	0.373900966	#DIV/0!	#DIV/0!
F8VXU5;Q9UBQ0;Q9UBQ0-2	Vacuolar protein sorting-associated protein 29	VPS29	0.000465239	0	8.69416E-05	0.000380871	0	0	0.000148496	0.000209558	0	0.00018406	0.000126957	0.000119351	0.689758771	0.779947186	0.648436317	0.699173082
F8VYE8;P36873;P36873-2;F8VR82;F8W0W8;A0A087WYY5	Serine/threonine-protein phosphatase;Serine/threonine-protein phosphatase PP1-gamma catalytic subunit	PPP1CC	0.001253168	0.000363249	0.001369377	0.001249935	0.001444698	0.001832836	0.001119147	0.000827516	0.002499206	0.000995265	0.001509156	0.001481956	1.516336263	0.227707464	1.489006791	0.466652654
F8VYY9;P54619-2;P54619;P54619-3;H0YHF8;H0YIC9;F8VZX1;E9PGP6;Q9UGJ0-2;Q9UGJ0-3;Q9UGJ0	5-AMP-activated protein kinase subunit gamma-1	PRKAG1	0.000374717	5.32445E-05	7.08129E-05	0.000558186	0.000127161	0.000407184	0.000379096	0.000468838	0.000284425	0.000166258	0.000364177	0.000377453	2.190428023	0.293507071	2.270281562	0.145768471
F8VZA8;Q8N6Q8	Methyltransferase-like protein 25	METTL25	4.70223E-05	2.8646E-05	0	4.45582E-05	0	0	0	2.788E-05	0	2.52228E-05	1.48527E-05	9.29332E-06	0.588861507	0.634647152	0.368449536	0.390028331
H3BRU6;F8VZX2;Q15366-5;B4DXP5;F8W0G4;F8VXH9;F8W1G6;J3QT27;P57721-2;P57721-3;F8VTZ0;H3BND9;H3BSP4;C9K0A2;F8WC71;C9IZV9;C9J7A9;C9JSA6;C9J5V4;C9JTY5;C9JZY3;C9J0A4;F6TJN8;P57723-2;P57723	Poly(rC)-binding protein 2	PCBP2	0	0	0	9.52738E-05	0	0	0	0	0	0	3.17579E-05	0	#DIV/0!	0.373900966	#DIV/0!	#DIV/0!
F8VZY9;P05783;CON__Q92764;C4AM86;CON__Q497I4;Q92764;CON__H-INV:HIT000015463	Keratin, type I cytoskeletal 18	KRT18	0.000281274	0	2.05516E-05	0.00109472	0.000334552	0.000283103	0.00075399	0.000261707	8.68845E-05	0.000100609	0.000570792	0.000367527	5.673386641	0.165520318	3.653037905	0.290396674
F8W031;F8VXJ7;Q9Y2B0;F8W1K5;F8VP03;H0YIH9;F8W1U5;Q9Y2B0-2;H0YI18	Protein canopy homolog 2	CNPY2	0.001054811	0.000182912	0	0.000676388	0.000198251	0.000248113	0.000721512	0.000337839	0.000116289	0.000412575	0.000374251	0.00039188	0.907110997	0.920142548	0.949840366	0.958118489
F8W1A4;P54819-5;P54819-2;P54819;P54819-3;G3V213;F8VZG5;F8VY04;P54819-6;P54819-4;F8VPP1	Adenylate kinase 2, mitochondrial;Adenylate kinase 2, mitochondrial;Adenylate kinase 2, mitochondrial, N-terminally processed	AK2	0.001481556	0.000571798	4.41649E-05	0.002807612	0.000719677	0.000604995	0.00172775	0.001042094	0.000851424	0.000699173	0.001377428	0.001207089	1.970082127	0.459639169	1.726453476	0.364594193
F8W696;P02647	Apolipoprotein A-I;Proapolipoprotein A-I;Truncated apolipoprotein A-I	APOA1	3.89905E-05	9.22933E-05	0.000102712	0	0	0.000232329	9.5525E-05	0.000148307	0.000734872	7.79986E-05	7.74431E-05	0.000326235	0.99287824	0.994787017	4.18256907	0.294271888
F8W6G1;Q9UHY1	Nuclear receptor-binding protein	NRBP1	0	0	0	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
F8W6I7;P09651-2;P09651;P09651-3;F8VZ49;Q32P51;F8VTQ5;F8W646;H0YH80;F8VYN5	Heterogeneous nuclear ribonucleoprotein A1;Heterogeneous nuclear ribonucleoprotein A1, N-terminally processed;Heterogeneous nuclear ribonucleoprotein A1-like 2	HNRNPA1;HNRNPA1L2	0.023826908	0.017753658	0.010440208	0.03226324	0.025042987	0.028659284	0.023516565	0.024591515	0.02698116	0.017340258	0.02865517	0.025029747	1.65252272	0.061705285	1.443447178	0.127140887
F8W726;Q14157-4;Q14157-1;Q14157-3;Q14157;Q14157-5;Q5VU77;Q5VU81;Q5VU80;Q5VU79;Q5VU78;H0YSH6;H7C2T8	Ubiquitin-associated protein 2-like	UBAP2L	0.00012708	9.73052E-05	0	0.000108794	0.000182577	0	9.09229E-05	0	0	7.47952E-05	9.71234E-05	3.03076E-05	1.298523888	0.750176906	0.405208134	0.41438966
F8W7C6;A0A087WV22;H7C123;H7C2C		RPL10	0.000197266	2.19944E-05	0	0	6.35675E-05	0	0	0	0	7.30867E-05	2.11892E-05	0	0.289918011	0.475095859	0	0.306593044
F8W7R3;Q9NVI1-2;Q9NVI1-1;Q9NVI1;H3BP78;H3BS60;H3BQE2;H3BT54;H3BMG4;Q9NVI1-4	Fanconi anemia group I protein	FANCI	4.7628E-05	6.85543E-05	0	6.42018E-05	4.01268E-05	0	1.90042E-05	0	0	3.87275E-05	3.47762E-05	6.33474E-06	0.897973095	0.893108446	0.163572183	0.202104429
F8W914;Q9NQC3-2;Q9NQC3-5;Q9NQC3;H7C106;Q9NQC3-3;Q9NQC3-4;Q9NQC3-6	Reticulon;Reticulon-4	RTN4	0.000728512	0.000312336	0	0.001488735	0.000130258	0.000215817	0.000702263	0.000462714	0.000264291	0.000346949	0.000611603	0.000476423	1.762802274	0.615918611	1.373176967	0.626620186
F8W930;Q9Y6M1-1;Q9Y6M1;Q9Y6M1-5;Q9Y6M1-6;Q9Y6M1-3;Q9Y6M1-4	Insulin-like growth factor 2 mRNA-binding protein 2	IGF2BP2	0.003014022	0.002901142	0.00010955	0.002866052	0.004314121	0.000557708	0.002417125	0.002191029	0.000466379	0.002008238	0.002579294	0.001691511	1.284356677	0.713558469	0.842286061	0.793538214
F8W9S7;Q14C86-3;Q14C86-4;Q14C86-5;Q14C86-2;Q14C86;Q14C86-6;B0QZ65;B4DGD8;C9IZ08;C9IZX9	GTPase-activating protein and VPS9 domain-containing protein 1	GAPVD1	0.005489512	1.21317E-05	0.019462461	0.007293431	0	0.009509574	0.002814078	0.000526375	0.001021503	0.008321368	0.005601002	0.001453985	0.673086665	0.695492776	0.174729125	0.304271095
F8WB26;Q8WU90	Zinc finger CCCH domain-containing protein 15	ZC3H15	0.001409186	0	0.001950064	0.001250226	0	0.00110115	0	0.00078687	0	0.00111975	0.000783792	0.00026229	0.699970346	0.657375164	0.234239815	0.249923536
F8WBJ6;Q9NRX1	RNA-binding protein PNO1	PNO1	0.00075603	0.00074905	0.000127764	0.000183403	0.00182928	0	0	0	0	0.000544281	0.000670894	0	1.232624011	0.847617493	0	0.059210174
F8WCF6;P59998;P59998-3;F8WDD7;H7C0A3;P59998-2;R4GN08;P59998-4;F8WE39	Actin-related protein 2/3 complex subunit 4	ARPC4-TTLL3;ARPC4	0.005044207	0.000657556	0.000429393	0.003649962	0.000937855	0.001086646	0.000515455	0.000860737	0.000420332	0.002043719	0.001891488	0.000598841	0.92551265	0.934513118	0.293015392	0.392146928
F8WD66;P86791;P86790	Vacuolar fusion protein CCZ1 homolog;Vacuolar fusion protein CCZ1 homolog B	CCZ1B;CCZ1	0	0	0	0	0	0.000112843	0	0	0.000109163	0	3.76142E-05	3.63878E-05	#DIV/0!	0.373900966	#DIV/0!	0.373900966
F8WJN3;Q16630-3;Q16630;Q16630-2;F8W084	Cleavage and polyadenylation specificity factor subunit 6	CPSF6	0.000256657	8.35916E-05	0	0.000186994	0	0	0	0	0	0.000113416	6.23314E-05	0	0.549581217	0.629584007	0	0.207831744
G3V1D3;G3V180;Q9NY33-4;Q9NY33;E9PQ14;E9PNX5;E9PKK8;E9PPK9;Q9NY33-2	Dipeptidyl peptidase 3	DPP3	5.10371E-05	3.50686E-05	0	0.000222831	3.90154E-05	2.57964E-05	0.000105376	6.54076E-05	1.20064E-05	2.87019E-05	9.5881E-05	6.09301E-05	3.340580476	0.362063234	2.122861404	0.356714035
G3V198;Q12769;E9PR16;Q12769-3	Nuclear pore complex protein Nup160	NUP160	0.000135333	4.20586E-05	1.71083E-05	4.42357E-05	5.091E-05	0	0	1.3758E-05	0	6.48335E-05	3.17152E-05	4.58602E-06	0.489180025	0.447530518	0.070735311	0.172027853
G3V1B8;H0YEB6;O60232;E9PN57;H0YEK1	Sjoegren syndrome/scleroderma autoantigen 1	SSSCA1	0	0	0	0.000399837	0	0	3.68904E-05	0	0	0	0.000133279	1.22968E-05	#DIV/0!	0.373900966	#DIV/0!	0.373900966
G3V1C3;Q9BZZ5-3;Q9BZZ5-2;Q9BZZ5;E9PQK6;B4E283;H0YER7;Q9BZZ5-1;Q9BZZ5-5	Apoptosis inhibitor 5	API5	0.000120009	0	0	0	0.000249207	0.000141518	2.28366E-05	0	0	4.00029E-05	0.000130242	7.61221E-06	3.255805553	0.335526528	0.19029114	0.470894056
G3V2V6;H0YJH8;G3V2S6;Q9Y5K8	V-type proton ATPase subunit D	ATP6V1D	7.2703E-05	0	0	0	0	0	0	0	0	2.42343E-05	0	0	0	0.373900966	0	0.373900966
H0YJN9;G3V2T4;G3V4E4;Q99538-3;Q99538-2;Q99538	Legumain	LGMN	0	0	0	0	0	0.000620093	0.000787945	0.001225134	0	0	0.000206698	0.000671027	#DIV/0!	0.373900966	#DIV/0!	0.13452807
G3V4X8;G3V3A4;Q13573	SNW domain-containing protein 1	SNW1	0	4.90262E-05	0	9.19174E-05	0.000159216	0	0	0	0	1.63421E-05	8.37111E-05	0	5.122429568	0.240778814	0	0.373900966
G3V5B3;G3V3E6;Q96HE7	ERO1-like protein alpha	ERO1L	0.000197182	0.00031295	0	0.000289494	6.91534E-05	0.00015508	0.000391701	0	9.96943E-05	0.000170044	0.000171242	0.000163799	1.007047098	0.991947687	0.963271248	0.968544482
G3V3G9;V9GY54;Q5TAQ9;Q5TAQ9-2;Q5TAQ8	DDB1- and CUL4-associated factor 8	DCAF8	4.12352E-05	8.9547E-05	0	0	0	0	9.22828E-05	2.80975E-05	4.77002E-05	4.35941E-05	0	5.60268E-05	0	0.16733504	1.285194201	0.718229738
G3V3M6;P27695;G3V5Q1;G3V3C7;G3V5D9;G3V5M0;G3V359;H7C4A8;G3V3Y6	DNA-(apurinic or apyrimidinic site) lyase;DNA-(apurinic or apyrimidinic site) lyase, mitochondrial	APEX1	0.00284024	0.002471077	0.000658656	0.001768489	0.002281064	0.001932229	0.001297722	0.001721473	0.001564638	0.001989991	0.001993927	0.001527945	1.001978051	0.995726892	0.767814882	0.537181367
G3V4S6;G3V433;G3V3R1;P49757-8;P49757-7;P49757-6;P49757-5;P49757-4;P49757-2;P49757-3;P49757;G3V3M5	Protein numb homolog	NUMB	0.000190716	0.000319494	0	0	0	0	0	0	0	0.00017007	0	0	0	0.140812601	0	0.140812601
G3V448;Q9H3N1	Thioredoxin-related transmembrane protein 1	TMX1	0.000620054	0.000178615	0	0.001071814	0.000316552	0	0.000311158	0.000181151	0.000252749	0.000266223	0.000462789	0.000248353	1.738350264	0.621062089	0.93287546	0.928870699
G3V4F7;P61011-2;P61011	Signal recognition particle 54 kDa protein	SRP54	0.000363869	0.000146123	0	0.000353375	0	3.37749E-05	0.000408849	7.92186E-05	0	0.000169998	0.00012905	0.000162689	0.759128842	0.804006759	0.957009393	0.966561616
G3V4P8;P60983;G3V3X4;M0QYG8;M0R1D2;M0R0C1;M0QYJ8;O60234	Glia maturation factor beta	GMFB	3.48682E-05	0	0	0.00027373	0	0	5.62327E-05	0	0	1.16227E-05	9.12435E-05	1.87442E-05	7.850424545	0.435527001	1.612721306	0.762949995
G3V4X1		PSMC1	0.002766989	0.002090577	0.000620355	0.004713984	0.006220746	0.00441889	0.00550886	0.004720458	0	0.001825974	0.005117873	0.003409773	2.802818752	0.017556892	1.867372407	0.436300501
G3V4X5		PSMA3	0.007295004	0.015943252	0.001576531	0.026399029	0.004586414	0.016186691	0.023590947	0.014788332	0.005420417	0.008271596	0.015724045	0.014599899	1.900968701	0.380006188	1.765064325	0.398724955
G3V529;Q9GZR7;Q9GZR7-2;F5GYL3;A0A087WXU8	ATP-dependent RNA helicase DDX24	DDX24	6.96054E-05	0.000161529	0	3.9912E-05	0.001023572	0	0	4.34877E-05	0	7.70448E-05	0.000354495	1.44959E-05	4.601148608	0.457817482	0.188149027	0.270618717
G3V595;P01011-3;P01011-2;P01011	Alpha-1-antichymotrypsin;Alpha-1-antichymotrypsin His-Pro-less	SERPINA3	0.001776385	0	0	0.001017404	0	0	0.00124997	0	0	0.000592128	0.000339135	0.000416657	0.572738352	0.72961789	0.703659187	0.820424563
G3V5T9;P24941;P24941-2;E7ESI2;Q00526;G3V317;K7ELV5;K7EJ83	Cyclin-dependent kinase 2	CDK2	0.000452093	0.00024844	0	0.000112625	9.26197E-05	0	0.000296253	0.00017887	0	0.000233511	6.84148E-05	0.000158374	0.292983193	0.289232596	0.678230922	0.656319841
G3V5V3;O60524-4;O60524-5;O60524-3;O60524;G3V4D9;O60524-2	Nuclear export mediator factor NEMF	NEMF	3.22819E-05	0	0	0	0.000126821	0	0	3.07781E-05	0	1.07606E-05	4.22736E-05	1.02594E-05	3.928539351	0.510017017	0.953416412	0.974719359
G3XAH6;P51003;H7C3W0;G3V3I9;H0YJL4;F8WAT4;G3V2A0;P51003-2;Q9BWT3-2;Q9BWT3	Poly(A) polymerase alpha;Poly(A) polymerase gamma	PAPOLA;PAPOLG	0	0	0	1.3833E-05	0	0	1.31268E-05	0	0	0	4.61099E-06	4.37561E-06	#DIV/0!	0.373900966	#DIV/0!	0.373900966
G3XAM7;P35221;P35221-2;P35221-3;P26232-3;P26232-2;P26232-5;P26232;H0YBB8;E5RIB1;E5RJL0;C9IZ88;E5RIE0;E5RHV7;E5RGY6;E5RG03;E5RJ41;P26232-4;P26232-6	Catenin alpha-1	CTNNA1	0.000181602	5.18234E-05	0	0.000293949	8.2848E-05	0.000159374	0.000209887	0.000137471	0.00019986	7.78084E-05	0.000178724	0.000182406	2.29697527	0.285873667	2.344294893	0.148657741
G5E972;P42167;H0YJH7	Lamina-associated polypeptide 2, isoforms beta/gamma;Thymopoietin;Thymopentin	TMPO	2.47506E-05	0	0	0	0	0	0	0	0	8.2502E-06	0	0	0	0.373900966	0	0.373900966
G5E9A6;P51784	Ubiquitin carboxyl-terminal hydrolase;Ubiquitin carboxyl-terminal hydrolase 11	USP11	3.14721E-05	0	0	9.52895E-05	0	2.32823E-05	5.00351E-05	2.25906E-05	0	1.04907E-05	3.95239E-05	2.42086E-05	3.767527649	0.395604698	2.307626878	0.485500693
G5E9D5;Q9BQ52-4;Q9BQ52;E7ES68;Q9BQ52-3;Q9BQ52-2;J3QRS2;V9GYU5;J3QL08;J3QLK4;V9GYS7;J3QQT1;V9GZ72;H7C2I4	Zinc phosphodiesterase ELAC protein 2	ELAC2	0.000323227	0.000175665	0	0.000260856	0.000180659	0.00010701	0.000217828	0.000228374	9.01877E-05	0.000166297	0.000182842	0.000178796	1.099486538	0.880689869	1.075161213	0.9096512
G5E9W7;G5E9V5;P82650;H7C5F2;H7C5H3;P82650-2;H7C5L9	28S ribosomal protein S22, mitochondrial	MRPS22	0.000465282	0.000141155	0	0.000303152	0.000250804	0.000148049	0.000249293	0.00015407	0	0.000202146	0.000234002	0.000134454	1.157590055	0.836942549	0.66513538	0.686185956
G5EA42;Q9NZR1;Q9NZR1-2	Tropomodulin-2	TMOD2	0.000102545	0	0	0	0	0	0	0	0	3.41815E-05	0	0	0	0.373900966	0	0.373900966
G8JLD5;O00429-4;O00429-5;O00429-3;O00429-2;O00429;O00429-8;O00429-6;B4DPZ9;F8W1W3;F8VUJ9;O00429-	Dynamin-1-like protein	DNM1L	2.69481E-05	2.24751E-05	0	3.57965E-06	0	0	0	0	0	1.64744E-05	1.19322E-06	0	0.072428612	0.143830468	0	0.119364407
H0Y2Y8;Q15942;B4DQX7;C9JJK5;C9IZ41;H7C3D3	Zyxin	ZYX	0.000497074	1.93604E-05	0	0.000679501	0	0.000155132	0.000562725	0.000115239	0	0.000172145	0.000278211	0.000225988	1.616144802	0.706406792	1.312777592	0.830993026
H0Y4R1;P12268;E7ETK5;C9K0R9	Inosine-5-monophosphate dehydrogenase 2	IMPDH2	0.001484134	0.001010204	0.000192232	0.001809912	0.000783622	0.001057448	0.003199023	0.001927663	0.00070973	0.000895523	0.001216994	0.001945472	1.358975288	0.544727835	2.172441686	0.265465956
H0Y4T6;J3KMW3;H0Y8P6;H0Y610;Q9Y237;Q9Y237-3;Q9Y237-2	Peptidyl-prolyl cis-trans isomerase NIMA-interacting 4	PIN4	0.00077098	0.000529735	0	0.001121925	0	0.000336396	0.000929812	0.00077395	0.000574835	0.000433572	0.000486107	0.000759532	1.121168595	0.90255441	1.751802624	0.261933523
H0Y5C2;O95260;B4DK25	Arginyl-tRNA--protein transferase 1	ATE1	5.64353E-05	0	0	6.70432E-05	0.000104897	4.70565E-05	0	8.15044E-05	0	1.88118E-05	7.2999E-05	2.71681E-05	3.880494645	0.099159699	1.444209091	0.812827868
H0Y5R6;P06132;Q5T446	Uroporphyrinogen decarboxylase	UROD	8.06102E-05	0	0	0.000206188	0	0	0.000128438	9.12755E-05	0	2.68701E-05	6.87293E-05	7.32378E-05	2.55783737	0.600873214	2.72562674	0.376685033
H0Y6K2;P25440-4;P25440-3;P25440;P25440-2;U3KQA6;H0Y799;E9PIQ3	Bromodomain-containing protein 2	BRD2	5.88111E-05	0	0	6.59237E-05	0	0	1.39902E-05	0	0	1.96037E-05	2.19746E-05	4.6634E-06	1.120938793	0.93969921	0.23788333	0.499603007
H0Y750;O75787-2;O75787;H7C3E1	Renin receptor	ATP6AP2	0	0	0	0.000261236	0.000132724	0	0.000385796	0.000159862	0	0	0.00013132	0.000181886	#DIV/0!	0.15660312	#DIV/0!	0.179435786
H0Y7A5;Q9BX10-2;Q9BX10-4;Q9BX10;X6RJ09	GTP-binding protein 2	GTPBP2	0	4.5642E-05	0	0	3.16609E-05	0	0	0	0	1.5214E-05	1.05536E-05	0	0.693678835	0.813680673	0	0.373900966
H0Y7A7;P62158;E7ETZ0;E7EMB3;Q96HY3;G3V361;M0QZ52;F8WBR5;G3V226;G3V479;P27482;C9J7T9;P02585	Calmodulin	CALM2;CALM1	0.028995277	0.008539006	0.017065185	0.051194859	0.023092647	0.018896896	0.037676811	0.048606544	0.038094586	0.018199823	0.031061467	0.041459314	1.70669067	0.335079873	2.278006472	0.028358378
H0Y8B3;O43865-2;Q96HN2-4;Q96HN2-3;O43865;Q96HN2-	Adenosylhomocysteinase;Putative adenosylhomocysteinase 2;Putative adenosylhomocysteinase 3	AHCYL2;AHCYL1	0	0	0	8.00524E-05	0	0	8.21247E-05	3.15923E-05	0	0	2.66841E-05	3.79057E-05	#DIV/0!	0.373900966	#DIV/0!	0.188165039
H0Y8H2;O00139-2;O00139-1;O00139-5;O00139;O00139-4	Kinesin-like protein KIF2A	KIF2A	0.000124084	0	0	0	0	0	0	0	0	4.13613E-05	0	0	0	0.373900966	0	0.373900966
H0Y8X4;O43598;O43598-2	2-deoxynucleoside 5-phosphate N-hydrolase 1	DNPH1	0.000438237	0.000173553	2.58819E-05	0.000180134	0.000108037	7.526E-05	7.54757E-05	0.000437591	0.000126656	0.000212558	0.000121144	0.000213241	0.569933479	0.503637294	1.003215908	0.996900096
H0Y942;Q96LP2	Protein FAM81B	FAM81B	0.004833262	0.005287164	0.002076045	0.016854179	0.007871363	0.015284398	0.00438659	0.00721393	0.00525816	0.00406549	0.013336647	0.00561956	3.280452243	0.034615135	1.382258871	0.299843683
H0Y9X1;Q96EY4;D6RA57;D6RE67;D6RC31	Translation machinery-associated protein 16	TMA16	0.000160924	0.000501762	0	0.000205301	0.001043372	0	0	0	0	0.000220895	0.000416224	0	1.884259425	0.608265167	0	0.209636189
H0YC04;P21281;C9J5E3;C9JNS9;C9JL73;P15313	V-type proton ATPase subunit B, brain isoform	ATP6V1B2	0.001148834	0.000419433	1.66105E-05	0.000619045	0	0.000189175	0.000631742	0.000231851	7.89971E-06	0.000528293	0.000269407	0.000290497	0.509957519	0.531655026	0.549879641	0.563688037
H0YDD4;P10515;E9PEJ4	Acetyltransferase component of pyruvate dehydrogenase complex;Dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial	DLAT	0	4.26846E-05	0	0	0	0	5.58722E-05	3.79584E-05	0	1.42282E-05	0	3.12768E-05	0	0.373900966	2.19823205	0.477240592
H0YDU8;P53041;A8MU39;O94769-2;O94769	Serine/threonine-protein phosphatase;Serine/threonine-protein phosphatase 5	PPP5C	0.00023567	0.000158205	0	0.000308593	8.37966E-05	0.000141853	0.00030213	0.000220377	9.96328E-05	0.000131291	0.000178081	0.00020738	1.35637877	0.653742764	1.579538067	0.449807488
H0YE29;Q07960	Rho GTPase-activating protein 1	ARHGAP1	0	1.26451E-05	0	4.55232E-05	0	0	0	0	0	4.21505E-06	1.51744E-05	0	3.600056166	0.524819134	0	0.373900966
H0YE57;Q9UBM7	7-dehydrocholesterol reductase	DHCR7	0	0	0	0.000220001	0	0.000227368	0.000128659	0	0.000284876	0	0.000149123	0.000137845	#DIV/0!	0.116224378	#DIV/0!	0.169524664
H0YGM0;Q9H078-4;Q9H078-2;Q9H078;Q7Z777;H0YFF5;F5GX99;B4DXW4;Q9H078-3;F5H392;F5H7A5;S4R372	Caseinolytic peptidase B protein homolog	CLPB	0	2.06632E-05	0	2.5687E-05	0	0	1.74586E-05	2.24314E-05	0	6.88773E-06	8.56233E-06	1.32967E-05	1.243128433	0.886256076	1.930486896	0.544116143
H0YGW7;Q8NE71-2;Q8NE71	ATP-binding cassette sub-family F member 1	ABCF1	0	0	0	1.33889E-05	2.4891E-05	0	0	0	0	0	1.276E-05	0	#DIV/0!	0.150713867	#DIV/0!	#DIV/0!
H0YJJ9;H0YJ50;Q99986	Serine/threonine-protein kinase VRK1	VRK1	7.73752E-05	0	0	0	0	0	0	0	0	2.57917E-05	0	0	0	0.373900966	0	0.373900966
S4R329;H0YK61;H0YNK0;H0YNK8;H0YLP8;Q5J8M3-3;Q5J8M3-2;Q5J8M3;H0YN63;H0YMH5	ER membrane protein complex subunit 4	EMC4	0	0	0	0.000659438	0	0	0.000209359	0.000890907	0	0	0.000219813	0.000366755	#DIV/0!	0.373900966	#DIV/0!	0.244382215
H0YNW5;H0YKC5;P33316-2;P33316;H0YMM5;H0YNJ9;H0YKI0;H0YMP1	Deoxyuridine 5-triphosphate nucleotidohydrolase, mitochondrial	DUT	0.000944441	0.000184095	0	0.000926966	0.000135652	0	0.000176043	0.000253587	0	0.000376179	0.000354206	0.00014321	0.941590264	0.959710767	0.38069619	0.478907665
H0YKD0;H0YLI6;H0YL72;P50213;H0YM64;H0YMU3;P50213-2	Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial	IDH3A	0.000578509	7.18757E-05	0	0.000534608	0	0	0.000602414	0.000153828	0	0.000216795	0.000178203	0.000252081	0.821987571	0.886920797	1.162760838	0.897232371
H0YKT8	Proteasome subunit beta type	PSMA4	0.00225273	0.001552996	0	0.002928075	0	0	0.001733654	0	0	0.001268575	0.000976025	0.000577885	0.769386902	0.816615271	0.455538251	0.477113914
H0YLW7;H0YMW8;H0YNF3;H0YMR6;H0YLE6;H0YL55;H7BXE3;Q9NWH9	SAFB-like transcription modulator	SLTM	0	0.000136607	0	0	0.000619732	0	0	0	0	4.55357E-05	0.000206577	0	4.53660127	0.488891262	0	0.373900966
H0YLA4;Q00796	Sorbitol dehydrogenase	SORD	0.000256421	1.85892E-05	0	0	0.000158722	0	4.60406E-05	0.000664328	9.77438E-05	9.167E-05	5.29072E-05	0.000269371	0.577148637	0.712769671	2.938483124	0.454101465
H0YLU7;P13804;H0YL12;H0YKF0;P13804-2;H0YK49;H0YNX6;J3KN60	Electron transfer flavoprotein subunit alpha, mitochondrial	ETFA	0.00431707	0.001596721	0.00024331	0.0037346	0.000247384	0.001155724	0.002976726	0.001491933	0.001145604	0.002052367	0.00171257	0.001871421	0.834436327	0.841153421	0.911835608	0.897819542
H0YMV8;Q71UM5;C9JLI6	40S ribosomal protein S27;40S ribosomal protein S27-like	RPS27L	0.00697966	0.005273088	0	0	0.003142945	0	0.000200623	0.000230258	0	0.004084249	0.001047648	0.000143627	0.256509405	0.26545647	0.035166085	0.134093414
H0YN26;P39687;O95626;O43423;H7BZ09	Acidic leucine-rich nuclear phosphoprotein 32 family member A	ANP32A	0.008829403	0.004644462	0.001419109	0.01381482	0.005133572	0.003439684	0.006368803	0.006053106	0.001237527	0.004964325	0.007462692	0.004553146	1.503264194	0.553105546	0.917173177	0.886855415
H0YN81;Q9GZS3;H0YMF9;H0YL19;H0YM76;H3BQA8	WD repeat-containing protein 61;WD repeat-containing protein 61, N-terminally processed	WDR61	0.000335729	0.000848435	0	0.000420481	0.000853195	0	0	8.05174E-05	0	0.000394721	0.000424559	2.68391E-05	1.075591229	0.935903805	0.06799515	0.21234264
H3BLU7;O43488;Q8NHP1;O95154	Aflatoxin B1 aldehyde reductase member 2	AKR7A2	6.66561E-05	0	0	4.24937E-05	0	0	4.83203E-05	0	0	2.22187E-05	1.41646E-05	1.61068E-05	0.637507028	0.77510821	0.724920591	0.834667268
H3BLZ8;Q92841;Q92841-1;Q92841-3;Q92841-2	Probable ATP-dependent RNA helicase DDX17	DDX17	0.007312403	0.006365471	0.000513514	0.002965692	0.004672702	0.001122158	0.002220522	0.002238988	0.000573229	0.004730463	0.002920184	0.001677579	0.617314735	0.485879186	0.35463327	0.236944897
H3BM38;O00161;H3BNE1;H3BR18;H3BPJ0;H3BV99;H3BP15;H3BQY9;O00161-2;H3BNG6;H3BU94;H3BR99	Synaptosomal-associated protein;Synaptosomal-associated protein 23	SNAP23	0.00059709	0	0	0	0	0	0	0	0	0.00019903	0	0	0	0.373900966	0	0.373900966
H3BT44;H3BPQ9;H3BR82;H3BMF4;Q9H2V7-5;Q9H2V7-3;Q9H2V7-2;Q9H2V7	Protein spinster homolog 1	SPNS1	0	0	0	0.000148654	0	0	0	0	0	0	4.95514E-05	0	#DIV/0!	0.373900966	#DIV/0!	#DIV/0!
H3BMH2;H3BSC1;P62491-2;Q15907-2;P62491;Q15907;B4DQU5	Ras-related protein Rab-11A;Ras-related protein Rab-11B	RAB11A;RAB11B	0.000767544	0.00035714	0	0.001053812	0	0	0.000846174	0.000493131	0.000121269	0.000374894	0.000351271	0.000486858	0.936985331	0.957376897	1.298654268	0.732073639
H3BS87;H3BMJ8;Q9H7D3;H3BSP8;H3BTU3;H3BQ53;Q9BQ70	Transcription factor 25	TCF25	0.000139063	0	0	0	0	0	0	0	0	4.63542E-05	0	0	0	0.373900966	0	0.373900966
H3BPG5;H3BV80;H3BMS0;H3BMM9;H3BTC0;Q15287-3;Q15287-2;Q15287	RNA-binding protein with serine-rich domain 1	RNPS1	0	0	0	0	0	0	0	0.000303138	0	0	0	0.000101046	#DIV/0!	#DIV/0!	#DIV/0!	0.373900966
H3BMQ0;P49815-7;P49815-6;P49815-5;P49815-3;P49815-2;P49815-4;P49815;I3L4N1;D6RIT6;D6RB58;D6RH9;H3BQK4;Q8TCT1;Q8TCT1-2;Q8TCT1-3	Tuberin	TSC2	0	0	0	1.51209E-05	6.93391E-06	5.87239E-05	0	0	0	0	2.69262E-05	0	#DIV/0!	0.169207054	#DIV/0!	#DIV/0!
H3BQF7;H3BMU1;H3BUI0;J3KR23;P53990-2;P53990-3;P53990;P53990-4;P53990-5;F5GXM3	IST1 homolog	IST1	0.000134315	0	0	0.000205507	0	0	0.000146701	7.14417E-05	0.000367521	4.47718E-05	6.85024E-05	0.000195221	1.530035485	0.786243648	4.360369519	0.205022481
H3BMZ1;H3BRL8;H3BPZ1;H3BS72;Q9P035-2;Q9P035	Very-long-chain (3R)-3-hydroxyacyl-CoA dehydratase 3	HACD3	0.000558747	0.000405133	0	0.000375005	0.00020418	0.000198934	0.000388749	0.000314353	0	0.000321293	0.000259373	0.000234367	0.807278913	0.7432882	0.729450443	0.693158414
H3BNB9;Q9Y4X5;H3BSK4	E3 ubiquitin-protein ligase ARIH1	ARIH1	0.000123394	0	0	0.00022252	5.06671E-05	0.000273323	0.000469093	0.000197757	7.12463E-05	4.11314E-05	0.00018217	0.000246032	4.4289752	0.148493368	5.981615637	0.174762483
H3BTK3;I3L3X8;H3BSW7;H3BUY4;H3BPY5;H3BNU9;Q9Y2V2	Calcium-regulated heat stable protein 1	CARHSP1	0.000169789	0	0	0.000319363	0	0	0.000442407	0.000145064	0	5.65964E-05	0.000106454	0.000195823	1.880939237	0.700421303	3.459996226	0.382298758
H3BNV7;Q9Y3D0	Mitotic spindle-associated MMXD complex subunit MIP18	FAM96B	0.000385458	0	0	0	0.00041364	0.000344443	0.000254181	0.000484473	0	0.000128486	0.000252694	0.000246218	1.966707791	0.53092991	1.916302837	0.56896321
H3BPE1;H3BQK9;Q9UPN3-5;Q9UPN3-3;Q9UPN3-2;Q9UPN3;H0Y390;Q9UPN3-4;H0YD69;E9PNZ4	Microtubule-actin cross-linking factor 1, isoforms 1/2/3/5	MACF1	1.59871E-05	0	0	0.001706152	7.1982E-06	1.16603E-05	0.000537997	0	0	5.32905E-06	0.000575003	0.000179332	107.8998622	0.370819972	33.65184363	0.387038431
H3BPE7;P35637-2;P35637	RNA-binding protein FUS	FUS	0.009569215	0.005988116	0.000939041	0.007170728	0.005973596	0.003482413	0.006004839	0.004221136	0.00250573	0.005498791	0.005542246	0.004243902	1.007902663	0.988057429	0.771788216	0.666202349
H3BPF6;Q99471;H3BMQ1;Q99471-2;Q99471-3	Prefoldin subunit 5	PFDN5	0.00045061	0.000182328	0	0.000561455	0	0	0	0	0	0.00021098	0.000187152	0	0.887060762	0.921922015	0	0.182217771
H3BPK3;Q16775-2;Q16775;H3BPQ4;H3BV79	Hydroxyacylglutathione hydrolase, mitochondrial	HAGH	0.000200583	0.000141384	0	0.000156269	0	0	0.000258923	0	0	0.000113989	5.20898E-05	8.63076E-05	0.45697257	0.477529182	0.757158246	0.804781976
H3BR35;P15170;P15170-2;P15170-3;Q8IYD1;H3BSV8	Eukaryotic peptide chain release factor GTP-binding subunit ERF3A;Eukaryotic peptide chain release factor GTP-binding subunit ERF3B	GSPT1;GSPT2	0.000528265	3.70362E-05	0	0.00040792	3.63296E-05	0.000134017	0.000445671	6.49097E-05	0.00015161	0.000188434	0.000192756	0.00022073	1.022935626	0.984062261	1.171395159	0.88277488
H3BRG4;P22695	Cytochrome b-c1 complex subunit 2, mitochondrial	UQCRC2	5.88283E-05	5.64775E-05	0	0.000129982	9.22626E-05	0	7.08963E-05	0	0	3.84353E-05	7.40816E-05	2.36321E-05	1.927437995	0.454995749	0.614854951	0.65247433

H3BRL3;O14562;H3BUM8	Ubiquitin domain-containing protein UBFD1	UBFD1	0.000171383	0.00025765	0	0.000297062	5.62644E-05	0	0	0	0	0.000143011	0.000117775	0	0.823541319	0.841721093	0	0.131943104
H3BRS3;Q9Y4R8	Telomere length regulation protein TEL2 homolog	TELO2	0	0	0	7.03146E-05	0	0	0	0	0	0	2.34382E-05	0	#DIV/0!	0.373900966	#DIV/0!	#DIV/0!
H3BS42;Q9H5H4;K7ERP0;K7EJE2;Q96SL8	Zinc finger protein 768	ZNF768	1.1742E-05	0	0	0	2.3797E-05	0	2.22589E-05	0	0	3.91401E-06	7.93232E-06	7.41962E-06	2.026646423	0.673185226	1.895657261	0.697481114
H3BSW0;Q8N9N7	Leucine-rich repeat-containing protein 57	LRRC57	2.98996E-05	0	0	0.001188695	0	0	0.000696557	0.000662757	0	9.96654E-06	0.000396232	0.000453105	39.75617919	0.384971877	45.46257043	0.122631425
H3BTA2;P60510;H3BV22;I3L4X0	Serine/threonine-protein phosphatase;Serine/threonine-protein phosphatase 4 catalytic	PPP4C	0.000106162	9.19773E-05	0	0.000363742	0.0002208	0.000233293	0.000201137	0.00031543	0	6.60465E-05	0.000272612	0.000172189	4.127579339	0.021702405	2.607088976	0.339785708
H3BTH6;Q8NEZ5;Q8NEZ5-3	F-box only protein 22	FBXO22	0.000291091	0	0	0.000396635	0	0	0.000415493	0.000843308	0	9.70304E-05	0.000132212	0.0004196	1.362578729	0.840631122	4.324417021	0.285812054
I3L3Y2;H3BUN0;Q7Z6E9-4;Q7Z6E9-2;Q7Z6E9;Q7Z6E9-3	E3 ubiquitin-protein ligase RBBP6	RBBP6	0	0	7.3514E-05	0	0	0	0	0	0	2.45047E-05	0	0	0	0.373900966	0	0.373900966
H6UMI1;O95166;F5GZY7;Q9H0R8;Q9H0R8-2;I3L3J4	Gamma-aminobutyric acid receptor-associated protein;Gamma-aminobutyric acid receptor-associated protein-like 1	GABARAP;GABARAPL1	0.001589907	0.000566512	0	0.002760814	0.000120592	0	0.001031506	0	0	0.000718806	0.000960469	0.000343835	1.336199837	0.823320744	0.478342144	0.55220415
H7BY58;P22061;P22061-2;F6S8N6;F8WDT3;F8WAV5;F8WAX2;C9J0F2;H7C4X2	Protein-L-isoaspartate O-methyltransferase;Protein-L-isoaspartate(D-aspartate) O-methyltransferase	PCMT1	0.004559162	0.001137965	0.001193052	0.007518461	0.001226377	0.003305325	0.004458134	0.003011188	0.002564109	0.002296727	0.004016721	0.003344477	1.748889545	0.472212538	1.456192812	0.454913999
Q5JRG1;H7BYF2;Q9BVL2-2;Q9BVL2-3;Q9BVL2	Nucleoporin p58/p45	NUPL1	0.00013142	6.94543E-05	0	0	0	0	0	0	0	6.6958E-05	0	0	0	0.152503847	0	0.152503847
H7BYY1;F5H7S3;B7Z596;H0YK48;P09493-2;P09493-5;P09493-8;P09493-3;P09493-4;P09493-10;Q6ZN40;P09493-9;P09493-7;H0YKX5;H0YNC7;H0YL52;P09493-6;P09493;H0YL42;H0YK20;H0YN06	Tropomyosin alpha-1 chain	TPM1	0.002440046	0.000271995	0.001530358	0.00185241	0.001729591	0.001994566	0.001379941	0.002891628	0.001311175	0.001414133	0.001858856	0.001860915	1.314484325	0.521185703	1.315940357	0.611895345
H7BZJ3		PDIA3	0.000354224	0	0.000109764	0.000710848	0	0.00035128	0.000418332	0.000271352	0	0.000154663	0.000354043	0.000229895	2.289125056	0.435601177	1.486424213	0.664929737
H7C2R6;H7BZW1;P57076	UPF0769 protein C21orf59	C21orf59	0	0	0	0.000307474	0	0	0	0	0	0	0.000102491	0	#DIV/0!	0.373900966	#DIV/0!	#DIV/0!
H7C0E5;O75312;H7BZM7	Zinc finger protein ZPR1	ZPR1	2.95688E-05	0	0	3.51539E-05	0	0	2.51229E-05	0	0	9.85627E-06	1.1718E-05	8.3743E-06	1.188884723	0.909091429	0.84964116	0.914295814
H7C148;O75175-2;O75175;H7C3F5;O75175-3;A0A087X0F9	CCR4-NOT transcription complex subunit 3	CNOT3	9.69187E-05	0	0	0.000212343	0	0	0	0	0	3.23062E-05	7.0781E-05	0	2.190940276	0.646879476	0	0.373900966
H7C1E4;P61966	AP-1 complex subunit sigma-1A	AP1S1	0	0	0	0.000108697	0	0	0	8.34245E-05	0	0	3.62324E-05	2.78082E-05	#DIV/0!	0.373900966	#DIV/0!	0.373900966
H7C2Q8;Q99848	Probable rRNA-processing protein EBP2	EBNA1BP2	0.000136661	0.000938925	0	0	0.001544158	0	0	0	0	0.000358529	0.000514719	0	1.435642529	0.805007498	0	0.288048113
H7C3P7;P11233;F8WEQ6;C9JPE8;C9JYR1;C9J6B1;C9JQB3;P11234;P11234-3;P11234-2	Ras-related protein Ral-A	RALA	0.000831493	0	0	0	0	0	7.03001E-05	0	0	0.000277164	0	2.34334E-05	0	0.373900966	0.084546891	0.413268628
I3L0H8;Q9NUU7;F6QDS0;H3BQK0;Q9UMR2-2;Q9UMR2-4;Q9UMR2;I3L352;Q9UMR2-3;Q9NUU7-2;H3BTB3;H3BMQ5;H3BN59;H3BP36;H3BP50;I3QRH0;H3BSL8	ATP-dependent RNA helicase DDX19A;ATP-dependent RNA helicase DDX19B	DDX19A;DDX19B	0.000153148	5.98437E-05	0	0.000133744	2.07983E-05	1.82372E-05	0.000136171	6.50734E-05	0	7.09972E-05	5.75931E-05	6.70816E-05	0.811203044	0.830338023	0.944848829	0.950629959
I3L0N3;P46459-2;P46459;I3L2G1;K7EQD6;I3L0L3	Vesicle-fusing ATPase	NSF	8.79911E-05	0	0	9.25914E-05	0	0	2.98184E-05	6.33507E-05	0	2.93304E-05	3.08638E-05	3.10564E-05	1.052280872	0.97299625	1.058845751	0.962574545
I3L1P8;Q02978;Q02978-2	Mitochondrial 2-oxoglutarate/malate carrier protein	SLC25A11	0.000355363	8.56686E-05	0	0.000571777	0.000134995	9.46257E-05	0.000380885	0.000254035	0	0.000147011	0.000267133	0.00021164	1.817100058	0.554700626	1.439625098	0.697981155
I3L297;P46108-2;P46108	Adapter molecule crk	CRK	0	0	0	0	0	0	0.000100309	0	0	0	0	3.34362E-05	#DIV/0!	#DIV/0!	#DIV/0!	0.373900966
I3L2B0		CLUH	3.55105E-05	0	0	3.13967E-05	1.67356E-05	1.40251E-05	0.000159224	8.04995E-05	0	1.18368E-05	2.07191E-05	7.99079E-05	1.750394214	0.532229337	6.750784191	0.224839188
I3L2E0;Q96E14	RecQ-mediated genome instability protein 2	RMI2	0	0	0	0	0.003174946	0.000437497	0	0	0.000980068	0	0.001204148	0.000326689	#DIV/0!	0.292180563	#DIV/0!	0.373900966
I3L2G3;Q9HA64	Ketosamine-3-kinase	FN3KRP	0	0	0	0.000251093	0	0	0.000177925	0.000126253	0	0	8.36977E-05	0.000101393	#DIV/0!	0.373900966	#DIV/0!	0.127466364
I3L387;P53350	Serine/threonine-protein kinase PLK1	PLK1	0	5.24239E-05	5.30743E-05	0	0	0	0	0	0	3.51661E-05	0	0	0	0.11613164	0	0.11613164
I3L397;I3L504;P63241;P63241-2;Q6IS14;F8WCJ1;C9J7B5;C9J4W5;Q9GZV4	Eukaryotic translation initiation factor 5A;Eukaryotic translation initiation factor 5A-1;Eukaryotic translation initiation factor 5A-1-like;Eukaryotic translation initiation factor 5A-2	EIF5A;EIF5AL1;EIF5A2	0.057281675	0.03694486	0.007832454	0.073498568	0.023024359	0.019188403	0.043519541	0.039586889	0.004721857	0.034019663	0.038570443	0.029276096	1.133769126	0.850437573	0.860563961	0.814374114
I3L3P7;P62244;I3L246;H3BN98;H3BV27;H3BT37;I3L303;H3BVC7	40S ribosomal protein S15a	RPS15A	0.134815791	0.104597738	0	0.030357763	0.09755416	0.002968715	0.018690776	0.031585618	0.000504227	0.07980451	0.04362688	0.016926874	0.546671857	0.505990073	0.212104223	0.207203024
I3L505	Acyl carrier protein	NDUFAB1	0	0.000687969	0	0.001273535	0	0.000891089	0	0	0	0.000229323	0.000721541	0	3.146396807	0.32737791	0	0.373900966
I3NI36;Q92667;I3L0W0	A-kinase anchor protein 1, mitochondrial	AKAP1	0.000462232	0.000111666	0	9.6633E-05	0	0	6.67372E-05	5.81803E-05	6.4961E-05	0.000191299	3.2211E-05	6.32928E-05	0.168380252	0.328050918	0.33085773	0.41005089
J3KN36;Q5JPE7-2;P69849;Q5JPE7;A0A087X117;Q5JPE7-3;Q15155;A0A087WW46;H3BPS9;A0A087WTD5	Nodal modulator 2;Nodal modulator 3;Nodal modulator 1	NOMO3;NOMO2;NOMO1	1.64827E-05	9.19623E-06	0	5.4137E-05	0.00011	2.89489E-05	0.000121284	9.29422E-05	0	8.55965E-06	6.43621E-05	7.14086E-05	7.519239917	0.084307567	8.342463044	0.164078853
J3KN67;P06753;P06753-7;K7EP68;K7ERG3;H0YL80;H0YKP3;K7EQW8	Tropomyosin alpha-3 chain	TPM3	0.000292702	0.000272894	0	0	0	0.00081026	0.000712342	2.38311E-05	0	0.000188532	0.000270087	0.000245391	1.432578049	0.789766385	1.301588024	0.832512933
J3KNN5;Q9UJV9;H0YA06;H0Y8L8;D6RGI7	Probable ATP-dependent RNA helicase DDX41	DDX41	0.000135022	0.000101926	0	1.77084E-05	0	0	1.22976E-05	5.31556E-05	5.62537E-05	7.89828E-05	5.9028E-06	4.0569E-05	0.074735272	0.14969175	0.513643313	0.422446625
J3KPP4;O95232;G3V2C9;G3V415;G3V3J9;G3V2N0;D6RDI2;P59768	Luc7-like protein 3;Guanine nucleotide-binding protein subunit gamma;Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-2	LUC7L3;GNG2	0.000138601	0	0	0	0	4.41865E-05	0	0	3.82278E-05	4.62003E-05	1.47288E-05	1.27426E-05	0.318804317	0.551711691	0.275812368	0.523556917
J3KQ32;Q9NTK5;Q9NTK5-2;Q9NTK5-3;C9JCJ9;C9JTK6	Obg-like ATPase 1	OLA1	0.000972818	0.000446552	0	0.000755944	0.0001041	0.000143717	0.000760009	0.000500646	0.000319838	0.000473123	0.000334587	0.000526831	0.707187551	0.713600267	1.113517864	0.870372693
J3KQ48;Q9Y3E5	Peptidyl-tRNA hydrolase 2, mitochondrial	PTRH2	0	6.78895E-05	0	0	0	0	0	0	0	2.26298E-05	0	0	0	0.373900966	0	0.373900966
J3KRF8;J3KTD6;Q96GD4-3;Q96GD4-2;Q96GD4;Q96GD4-5;J3KRJ2;J3QR41;J3QLN8;Q96GD4-4	Aurora kinase B	AURKB	0	0	0	0.000293838	0.000565273	0.000133011	0.000111001	0	0	0	0.000330707	3.70002E-05	#DIV/0!	0.058688929	#DIV/0!	0.373900966
J3KRV4;P46734-2;P46734;P46734-3	Dual specificity mitogen-activated protein kinase kinase 3	MAP2K3	0	0	0	0	0	0	4.6739E-05	7.89024E-05	0	0	0	4.18805E-05	#DIV/0!	#DIV/0!	#DIV/0!	0.141500699
J3KRY8;Q9BZE9-3;Q9BZE9;Q9BZE9-2;J3QR12;Q9BZE9-4;J3KRF7;J3QL04	Tether containing UBX domain for GLUT4	ASPSCR1	0	0	0	0.000267528	0	0.00015894	6.70267E-05	0	0	0	0.000142156	2.23422E-05	#DIV/0!	0.14123696	#DIV/0!	0.373900966
J3KS22;Q7Z4W1;J3QS36;J3QS45;J3KRZ4;J3KSZ5;J3QL34	L-xylulose reductase	DCXR	3.83117E-05	2.80291E-05	0	0.000187509	0	0	0.000115234	0	0	2.21136E-05	6.25031E-05	3.84112E-05	2.826456117	0.55956663	1.736994445	0.705105258
J3KS45;J3KTQ7;J9JIE6;Q9UM00-2;Q9UM00	Transmembrane and coiled-coil domain-containing protein 1	TMCO1	0	0	0	0	0	0.000125239	0	0	0.000441613	0	4.17462E-05	0.000147204	#DIV/0!	0.373900966	#DIV/0!	0.373900966
J3KS79;K7ENH5;K7ES02;Q13867	Bleomycin hydrolase	BLMH	0.000208507	0	0	0.000730149	0	0	0	0.00055964	0	6.95023E-05	0.000243383	0.000186547	3.501798335	0.529857475	2.684037193	0.588159645
J3KSH8;J3KT51;Q9UK76-3;Q9UK76;Q9UK76-2	Hematological and neurological expressed 1 protein;Hematological and neurological expressed 1 protein, N-terminally processed	HN1	0	0	0	0.000835029	0	0	0.000638953	0	0	0	0.000278343	0.000212984	#DIV/0!	0.373900966	#DIV/0!	0.373900966
J3KSW8;Q6WCQ1-3;Q6WCQ1;Q6WCQ1-	Myosin phosphatase Rho-interacting protein	MPRIP	6.07831E-05	0	0	0	0	0	0	0	0	2.0261E-05	0	0	0	0.373900966	0	0.373900966
J3QR09;J3KTE4;P84098;J3QL15	Ribosomal protein L19;60S ribosomal protein L19	RPL19	0.029805116	0.035293182	2.87951E-05	0.012193709	0.096711279	0.000479514	0.002440518	0.013392876	0.001567576	0.021709031	0.036461501	0.005800323	1.679554482	0.670937848	0.267184809	0.242041085
J3KTF8;J3QQX2;P52565;J3KRE2;P52565-2;J3KS60	Rho GDP-dissociation inhibitor 1	ARHGDIA	0.003103814	0.001012599	6.94812E-05	0.003698775	0.000104263	0.000374852	0.00205353	0.001509901	0	0.001395298	0.00139263	0.00118781	0.99808776	0.998631929	0.851294873	0.857895343
J3KTG4;Q8N0Z8-2;Q8N0Z8	tRNA pseudouridine synthase;tRNA pseudouridine synthase-like 1	PUSL1	0	0	0	0	0.000114517	0	0	0	0	0	3.81725E-05	0	#DIV/0!	0.373900966	#DIV/0!	#DIV/0!
J3QK89;Q8IWX8	Calcium homeostasis endoplasmic reticulum protein	CHERP	0.000470588	0.000111007	2.93891E-05	0.000311146	0	0.000590467	0.000306843	0.000328552	0.000140252	0.000203661	0.000300538	0.000258549	1.475674247	0.679516337	1.269504797	0.729553673
J3QL54;Q9BW27-3;Q9BW27;F5H0W7;J3KT10;Q9BW27-2;J3KS87;J3QLV0;J3QLD4;J3QLH0	Nuclear pore complex protein Nup85	NUP85	9.17826E-05	0	9.90258E-05	0	0	0	0	0	0	6.36028E-05	0	0	0	0.116689378	0	0.116689378
J3QLR8;Q9Y3D9	28S ribosomal protein S23, mitochondrial	MRPS23	0.001681159	0.001587138	0	0.000201846	0.000232778	0	0.000110657	0.000273932	0	0.001089432	0.000144875	0.000128196	0.132981865	0.161193051	0.1176726	0.156105013
J3QQS1;J3QLS3;Q9Y2R9;J3KSI8;J3QKW2	28S ribosomal protein S7, mitochondrial	MRPS7	0.000235863	0.000131335	0	0	0	0	0	0	0	0.000122399	0	0	0	0.147295865	0	0.147295865
J3QQ67;Q07020;G3V203;H0YHA7;Q07020-2;F8VYV2;A0A075B7A0;F8VUA6;F8VXR6	60S ribosomal protein L18	RPL18	0.141837984	0.150747366	0	0.029733053	0.19301969	0.003497843	0.016860167	0.019527633	0.000771422	0.09752845	0.075416862	0.012386407	0.773280637	0.787738569	0.127003016	0.158467937
J3QRD1;P51648;P51648-2;J3KTD9;I3L2W1	Fatty aldehyde dehydrogenase	ALDH3A2	3.30724E-05	0	0	0	0	0	3.2436E-05	5.82991E-05	0	1.10241E-05	0	3.0245E-05	0	0.373900966	2.743529106	0.394125032
J3QRG6;P42771;P42771-4;K7ES20;G3XAG3;K7ENC6;P42771-2;P42771-3	Cyclin-dependent kinase inhibitor 2A	CDKN2A	0.001583484	0.000554757	0	0.002087606	9.39312E-05	0.000432892	0.001344254	0.001404406	8.46095E-05	0.000712747	0.000871476	0.000944423	1.222700816	0.846951074	1.325046744	0.732784095
J3QRM9;Q8N138-4;Q8N138;J3KTF9;F6WST4;F8VXD5;Q9P0S3;Q53FV1	ORM1-like protein 3;ORM1-like protein 1;ORM1-like protein 2	ORMDL3;ORMDL1;ORMDL2	0	0	0	0.000671664	0.001530214	0.000841951	0.000738688	0	0	0	0.00101461	0.000246229	#DIV/0!	0.01805544	#DIV/0!	0.373900966
J3QRS3;P19105;O14950;P24844;J3KTJ1;P24844-2	Myosin regulatory light chain 12A;Myosin regulatory light chain 12B	MYL12A;MYL12B	0.011976394	0.004163335	0.002669507	0.007204091	0.006417894	0.007893469	0.006640215	0.012457264	0.002850057	0.006269745	0.007171818	0.007315845	1.143877141	0.772575795	1.166848915	0.807378923
J3QRS9;X6R4W8;O43670-2;O43670;O43670-4;O43670-3;J3KS31;J3QS27;J3KTL1;J3KRB6;J3KRW6;H0Y3M2	BUB3-interacting and GLEBS motif-containing protein ZNF207	ZNF207	0.000720178	0.000355193	0.000147629	0.000530533	0.000200728	0.00042043	0.000480024	0.000383128	0.00058334	0.000407666	0.000383897	0.000482164	0.94169394	0.908112196	1.182741374	0.695549306
J3QRU1;P07947;P12931;P12931-2;Q573B4;P06241-3;P06239;P06241-2;P06241;P06239-3	Non-specific protein-tyrosine kinase;Tyrosine-protein kinase Yes	YES1	0.000400839	0	1.49038E-05	1.94755E-05	0	2.93643E-05	8.49183E-05	1.32159E-05	0	0.000138581	1.62799E-05	3.27114E-05	0.117476139	0.40493789	0.23604574	0.473150167
J3QT28;O43684-2;O43684;J3QSX4	Mitotic checkpoint protein BUB3	BUB3	0.005059459	0.002897698	0.003833615	0.007220213	0.002372066	0.005099705	0.004123128	0.002601142	0.003085381	0.003930257	0.004897328	0.003269884	1.246057916	0.56323768	0.831977066	0.439593243
J3QTA2;Q99933-4;Q99933-3;Q99933;Q99933-2;C9JYK5	BAG family molecular chaperone regulator 1	BAG1	0	0.000503664	9.79251E-05	0.000628427	0.000196763	0.000319589	0.000320073	0.000501207	0.000353926	0.00020053	0.000381593	0.000391735	1.90292356	0.417881177	1.953500374	0.308181827
J9JID7;Q03252	Lamin-B2	LMNB2	1.95781E-05	0	0	0	0	6.89242E-05	0	0	0	6.52605E-06	2.29747E-05	0	3.520467554	0.52887584	0	0.373900966
K4DI93;Q13620-3;Q13620-1;Q13620;Q13619-2;Q13619;A6NE76	Cullin-4B;Cullin-4A	CUL4B;CUL4A	0.00010375	0	0	0.000332373	0	0	3.33558E-05	0	0	3.45832E-05	0.000110791	1.11186E-05	3.203598698	0.547290008	0.321502543	0.553510488
K7EM02;K7EIJ8;Q8IYT4-2;Q8IYT4	Katanin p60 ATPase-containing subunit A-like 2	KATNAL2	0.000817852	0.000644304	0	0.00485348	0.000739021	0.001054528	0.001736268	0.002862468	0	0.000487385	0.002215676	0.001532912	4.546045531	0.268236293	3.145173592	0.295230264
K7EIY6;Q9BV68-2;Q9BV68;U3KQF4;U3KPY8	E3 ubiquitin-protein ligase RNF126	RNF126	0.000270319	0.000202888	0.000229677	0.003755648	0.003002941	0.003671133	0.003580305	0.004907312	0.0007512	0.000234295	0.003476574	0.003079605	14.83845257	0.000170561	13.14414149	0.081025134
K7EJE8;K7EKE6;P36776-2;P36776;P36776-3;K7ER27;K7ER56;K7ERR6;K7EQF8	Lon protease homolog, mitochondrial	LONP1	0.000277537	6.50129E-05	0	0.00024816	0.000523443	0.000574491	0.000216948	0.00021991	0.000597107	0.000114183	0.000448698	0.000344655	3.929634043	0.063731122	3.018438419	0.202877849
K7EK07;Q71DI3;Q16695;P84243;P68431;K7EMV3;B4DEB1;Q5TEC6;K7ES00;Q6NXT2;K7EP01	Histone H3;Histone H3.2;Histone H3.1t;Histone H3.3;Histone H3.1;Histone H3.3C	H3F3B;HIST2H3A;HIST3H3;H3F3A;HIST1H3A;HIST2H3PS2;H3F3C	0.025669992	0.02341099	0	0.006491385	0.004970711	0	0.004754245	0.007546363	0	0.016360327	0.003820698	0.004100203	0.233534349	0.211401838	0.250618622	0.222513024
K7EQ55;K7EK33;Q96EP5-2;Q96EP5;K7EQ02	DAZ-associated protein 1	DAZAP1	0.001869721	0.000395759	0.000117377	0.002210577	0.0005053	0.000375066	0.001040534	0.000793555	0.000883738	0.000794285	0.001030314	0.000905942	1.297158561	0.783503909	1.14057529	0.848616337
K7EP07;K7EK42;Q99426-2;Q99426;K7EQH0;K7ER04;K7EL99	Tubulin-folding cofactor B	TBCB	0.00023277	0.000134129	0	0.00035866	0	0	0.000220056	0.000342101	0	0.0001223	0.000119553	0.000187386	0.977543946	0.984995995	1.532186508	0.618349985
K7EKI4;K7ELF1;K7ELQ0;K7ES61;X6RAY8;Q9BYD3-2;Q9BYD3	39S ribosomal protein L4, mitochondrial	MRPL4	0	0	0	0	0	0	0	4.08857E-05	0	0	0	1.36286E-05	#DIV/0!	#DIV/0!	#DIV/0!	0.373900966
K7EL20;O75821;K7ER90;K7ENA8;K7EP16;K7EL60	Eukaryotic translation initiation factor 3 subunit G	EIF3G	0.000745117	0.000383255	0	0.001302598	0.00124232	0.000520748	0.000245698	0.000485908	0.000614016	0.000376124	0.001021889	0.000448541	2.716893121	0.122580423	1.192534252	0.778506107
K7ELL7;P14314-2;P14314;K7EPW7;K7EKX1;K7EJ70;H0Y6C0;F8W894	Glucosidase 2 subunit beta	PRKCSH	0.002985667	0.001160262	0.00010514	0.003336712	0.000345495	0.000382377	0.002261971	0.001502924	0.000730568	0.001417023	0.001354861	0.001498488	0.95613226	0.96415441	1.057490107	0.935814952
K7EM18;P41567;O60739;K7EQP2	Eukaryotic translation initiation factor 1;Eukaryotic translation initiation factor 1b	EIF1;EIF1B	0.001882008	0.000794961	0	0.000744233	0	0.000453378	0.00055381	0.000463387	0	0.000892323	0.000399204	0.000339066	0.447375901	0.448061651	0.379981043	0.38805024
K7EME0;P42765;K7ER88;K7EJB1;K7EJ68	3-ketoacyl-CoA thiolase, mitochondrial	ACAA2	7.411E-05	5.71184E-05	0	9.93199E-05	0	0	9.88409E-05	0	0	4.37428E-05	3.31066E-05	3.2947E-05	0.756847652	0.803364521	0.753197808	0.799858292
K7ES31;K7EMQ9;K7ERF1;Q9UBQ5-2;Q9UBQ5;K7EQM4;A0A087WVB9	Eukaryotic translation initiation factor 3 subunit K	EIF3K	0.001572915	0.000711419	0	0.003154225	0	0.000601149	0.002754515	0.002161622	0.000110519	0.000761445	0.001251791	0.001675552	1.643968662	0.670131831	2.20049054	0.377172077
K7ENG2;P26368-2;P26368	Splicing factor U2AF 65 kDa subunit	U2AF2	0.000333946	3.99892E-05	0.000236711	0	0	0	0.000176537	9.25922E-05	0	0.000203549	0	8.97097E-05	0	0.078158178	0.440728297	0.320094046
K7ENM7;Q9UK11;K7EPW2;K7ER65;K7EQ32	Zinc finger protein 223	ZNF223	0	3.80095E-05	0	0.000270484	5.59444E-06	0.000553222	5.38962E-05	0	0	1.26698E-05	0.000276433	1.79654E-05	21.81820334	0.17167617	1.417965282	0.821486642
K7EP06;O43148;O43148-2;K7ERH6	mRNA cap guanine-N7 methyltransferase	RNMT	0	0	0	0.000179189	7.39906E-05	0.000287044	0.000330605	7.67131E-05	0	0	0.000180074	0.000135773	#DIV/0!	0.042907374	#DIV/0!	0.245705481
K7EPQ7;Q5BJH7-2;Q5BJH7-6;Q5BJH7-3;Q5BJH7	Protein YIF1B	YIF1B	0	0	0	0	0.000901482	0.000808884	0.000905396	0.001157728	0	0	0.000570122	0.000687708	#DIV/0!	0.117281082	#DIV/0!	0.122032345
K7EPQ8;O75293	Growth arrest and DNA damage-inducible protein GADD45 beta	GADD45B	0	0	0	8.81535E-05	7.52478E-05	0.000423705	0.000178447	0.000245781	0.000235464	0	0.000195702	0.000219897	#DIV/0!	0.161351393	#DIV/0!	0.000464726
K7EQJ5;P62841;K7EM56;K7EJ78;S4R417;K7ELC2;S4R456	40S ribosomal protein S15	RPS15	0.062501598	0.04908611	0.002147555	0.035106902	0.117300427	0.008895226	0.022429215	0.039353603	0.008428837	0.037911754	0.053767518	0.023403885	1.418228188	0.693647904	0.617325293	0.51555575
K7ERD7;O95707;K7ESH8;K7EQV2	Ribonuclease P protein subunit p29	POP4	0	0.000211259	0	9.91027E-05	0.000297323	0	0	0	0	7.04196E-05	0.000132142	0	1.876490091	0.611651563	0	0.373900966
K7ERI7;K7EMH1;P35268;K7EP65;K7EKS7;K7ELC4;K7EJT5	60S ribosomal protein L22	RPL22	0.161712358	0.155479279	0.000885491	0.066277459	0.16495319	0.006314633	0.041924005	0.047314497	0.007602862	0.106025709	0.079181761	0.032280455	0.746816609	0.721022636	0.304458748	0.24417238
K7ES11;Q9C0C9	E2/E3 hybrid ubiquitin-protein ligase UBE2O	UBE2O	3.87714E-05	0	0	4.38125E-05	0	0	4.47006E-05	0	0	1.29238E-05	1.46042E-05	1.49002E-05	1.13002333	0.93547403	1.152927972	0.925004744
K7ESB6;U3KQB3;Q9HCP0-2;P78368;Q9HCP0;Q9Y6M4-3;Q9Y6M4-4;Q9Y6M4;Q9Y6M4-2;U3KQN9;U3KQA5;K7EP38;A0A087WWF5;Q9Y6M4-5;U3KQP7;K7EJC0;A0A087WZK4;A0A087WXD7;Q9Y6M4-6	Casein kinase I isoform gamma-1;Casein kinase I isoform gamma-2;Casein kinase I isoform gamma-3	CSNK1G2;CSNK1G1;CSNK1G3	0.000111152	6.95397E-05	0	0	0	0	0	0	0	6.02306E-05	0	0	0	0.136769269	0	0.136769269
M0QXF7;M0QYN0;Q969H8	Myeloid-derived growth factor	MYDGF	0.000487021	0	0	0.000642757	0	0	0.00052894	0	0	0.00016234	0.000214252	0.000176313	1.319772752	0.856275682	1.086072929	0.956304511
M0R299;M0QXL5;P22087;M0R0P1;M0R2Q4;M0R2U2;M0R1H0;M0R2B0	rRNA 2-O-methyltransferase fibrillarin	FBL	0.000608776	0.000546162	0	0.000720902	0.001454098	0	4.85702E-05	0.000299526	0	0.000384979	0.000725	0.000116032	1.883217927	0.50270405	0.301398325	0.278105159
M0QXN5;P37198	Nuclear pore glycoprotein p62	NUP62	0.000306235	0	0	0	0	0	0	0	0	0.000102078	0	0	0	0.373900966	0	0.373900966
M0QXU7;O43615;M0QXM9	Mitochondrial import inner membrane translocase subunit TIM44	TIMM44	0	0	0	0.000160163	0	0	5.81491E-05	0	0	0	5.33877E-05	1.9383E-05	#DIV/0!	0.373900966	#DIV/0!	0.373900966
M0QXZ5;Q96854	Zinc finger protein 428	ZNF428	0.001205824	0.000242915	0	0.000782791	0.000132158	8.9833E-05	0.000511196	0	0.000187282	0.000482913	0.000334927	0.000232826	0.693556105	0.748684445	0.48212893	0.563225282
M0QY25;Q86YD1-3;Q86YD1;M0QYH6;Q86YD1-2;M0QX53;M0QYQ4;M0QYH7	Prostate tumor-overexpressed gene 1 protein	PTOV1	0	0	0	0.000240748	0.000198343	9.91597E-05	0.00014901	0.000172923	0.000154773	0	0.000179417	0.000158902	#DIV/0!	0.012883498	#DIV/0!	2.50237E-05
M0QY97;Q9UPT8	Zinc finger CCCH domain-containing protein 4	ZC3H4	2.81081E-05	5.46791E-05	0.000377634	0.000162754	0.000107429	0.001031003	8.87113E-05	4.98919E-05	0.000604075	0.000153474	0.000433729	0.000247559	2.826076347	0.429879035	1.613041052	0.678742817
M0QYA2;Q9NWS0;M0R0J2;M0R2P8;M0R3A8;M0QYF4;M0R3A4;M0QXD5;Q9NWS0-3	PIH1 domain-containing protein 1	PIH1D1	0	0	0	0	0	0	0	0.000110329	0	0	0	3.67762E-05	#DIV/0!	#DIV/0!	#DIV/0!	0.373900966
M0QYE0;M0R0I3;Q99961;Q99961-3;Q99961-2;Q99962	Endophilin-A2;Endophilin-A1	SH3GL1;SH3GL2	0	0	0	0.000395179	0	0	0	0	0	0	0.000131726	0	#DIV/0!	0.373900966	#DIV/0!	#DIV/0!
M0QYT0;M0QXS7;M0R076;M0R280;M0R1A2;H7C464;B7WPG3;C9IYN3;D6W592;Q8WVV9-5;Q8WVV9-4;Q8WVV9			0	0	0.000275719	5.78248E-05	0	0.000113654	0.000129247	0.000137244	0.000134574	9.19062E-05	5.71597E-05	0.000133689	0.621935624	0.739784892	1.454619224	0.67306041
M0R0N4;M0QYZ2;P53680;M0QZ21;X6R390;P53680-2	AP-2 complex subunit sigma	AP2S1	0	8.41577E-05	0	0.000890514	0	0	0	0	0	2.80526E-05	0.000296838	0	10.58149288	0.418306591	0	0.373900966
M0QZI4;Q8IV08	Phospholipase D3	PLD3	0.000254251	0	0	0.000144747	8.53967E-05	0.000250938	0.000200001	0.000180965	0	8.47504E-05	0.00016036	0.000126989	1.892150882	0.481797634	1.49838697	0.710734616
M0QZL1;M0R192;P30043	Flavin reductase (NADPH)	BLVRB	0	0.000111899	0	0.000395179	0	0	0.00026043	0	0	3.72998E-05	0.000131726	8.68101E-05	3.5315636	0.528297928	2.327363061	0.627967512
M0QZM1		HNRNPM	0	0.000122697	0	0	0.000249487	0	0	0	0	4.08991E-05	8.31623E-05	0	2.033353426	0.672025945	0	0.373900966
M0R050;Q9NQT4	Exosome complex component RRP46	EXOSC5	0.000188076	0	0	0	0	0	0	0	0	6.26921E-05	0	0	0	0.373900966	0	0.373900966
M0R0F0;P46782;M0R0R2;M0QZN2	40S ribosomal protein S5;40S ribosomal protein S5, N-terminally processed	RPS5	0.273047088	0.210914538	0.00320666	0.08857669	0.304808535	0.012863325	0.05277479	0.072724758	0.012610975	0.162389429	0.135416183	0.046036841	0.833897774	0.832642105	0.283496537	0.23583089
M0R0Y2;P54920;M0R213;M0R2M1	Alpha-soluble NSF attachment protein	NAPA	0	3.0452E-05	0	5.92198E-05	0	0	0	0	0	1.01507E-05	1.97399E-05	0	1.944696261	0.688002217	0	0.373900966
M0R117;Q02543;M0R3D6;M0R1A7;M0R0P7	60S ribosomal protein L18a	RPL18A	0.065556219	0.064494776	0	0.010734709	0.079953667	0.001063525	0.009942295	0.01676992	0.001584451	0.043350332	0.030583967	0.009432222	0.705507107	0.718321986	0.217581301	0.199922452
M0R2S2;M0R165;Q9UBC2-4;Q9UBC2-3;Q9UBC2;Q9UBC2-2	Epidermal growth factor receptor substrate 15-like 1	EPS15L1	0	0	0	2.61214E-05	0	0	0	0	0	0	8.70713E-06	0	#DIV/0!	0.373900966	#DIV/0!	#DIV/0!
M0R2B7;P28340;M0QZR8;M0QZB4;M0R2I8;M0QXE6;M0R3H8	DNA polymerase;DNA polymerase delta catalytic subunit	POLD1	0	6.47688E-06	0	1.22445E-05	9.53341E-06	0.000704981	6.85712E-05	8.46897E-06	0	2.15896E-06	0.000242253	2.568E-05	112.2081534	0.358026481	11.89463567	0.339210955
M0R3F6;M0R2Z9;Q8IX01-4;Q8IX01-3;Q8IX01	SURP and G-patch domain-containing protein 2	SUGP2	2.61469E-05	1.23123E-05	0	0	0	0	0	0	0	1.28197E-05	0	0	0	0.164841683	0	0.164841683
O00148;B1Q2N1;O00148-2;K7EQN7;K7EPJ3	ATP-dependent RNA helicase DDX39A	DDX39A	3.70464E-05	1.95521E-05	0	6.35704E-05	0	0	3.93575E-05	0	0	1.88662E-05	2.11901E-05	1.31192E-05	1.12318138	0.926721971	0.695380927	0.751330035
O00151	PDZ and LIM domain protein 1	PDLIM1	0.000632663	0	0	0.000494663	0	0	0.000388124	0.000293873	0	0.000210888	0.000164888	0.000227333	0.781873606	0.871909027	1.077978925	0.948896055
O00154-4;O00154-2;O00154-3;O00154-6;O00154-5;O00154-7;O00154;K7EKP8	Cytosolic acyl coenzyme A thioester hydrolase	ACOT7	0.000523904	0.000235667	0	0.000556753	0	9.07445E-05	0.000528344	0.000522539	9.46011E-05	0.00025319	0.000215833	0.000381828	0.852451245	0.878610044	1.508066394	0.57108756
O00170;E9PMH2;V9GYQ3	AH receptor-interacting protein	AIP	0.000161229	2.97856E-05	0	0.00039715	5.13272E-05	6.07464E-05	0.000193736	5.31242E-05	0	6.36715E-05	0.000169741	8.22866E-05	2.665886398	0.440725255	1.292361005	0.818829598
O00231;O00231-2;J3QRY4;J3QS13;J3KSW3	26S proteasome non-ATPase regulatory subunit 11	PSMD11	0.176358216	0.169195837	0.192050797	0.319273747	0.32372335	0.334924077	0.324160822	0.306906059	0.273815082	0.179201617	0.325973725	0.301627321	1.819033393	5.72385E-05	1.68317299	0.001658485
O00232;O00232-2;J3KTJ5;J3KSK1;REV__A8MT70-3;REV__A8MT70;REV__A8MT70-2;P0C617	26S proteasome non-ATPase regulatory subunit 12	PSMD12	0.153654773	0.138221274	0.172209806	0.282776363	0.265596008	0.261097875	0.230342128	0.232389035	0.290505374	0.154695284	0.269823415	0.251078846	1.744225214	0.00062621	1.623054295	0.011927968
O00264;O00264-2;U3KQM0	Membrane-associated progesterone receptor component 1	PGRMC1	0.001648572	0.000565359	0	0.001707652	0.001313237	0.000317524	0.001523283	0.000505491	0.000194955	0.000737977	0.001112804	0.000741243	1.507912013	0.5875326	1.004425698	0.996101843
O00268;V9GY14	Transcription initiation factor TFIID subunit 4	TAF4	0	0	0	0	0	1.91678E-05	0.000816932	0.001327309	0	0	6.38925E-06	0.000714747	#DIV/0!	0.373900966	#DIV/0!	0.138144818
O00273;O00273-2;K7ERT1	DNA fragmentation factor subunit alpha	DFFA	0.000231696	0	0	0.000760892	0	0.000136889	0.000462876	9.2987E-05	0.000177322	7.72319E-05	0.000299261	0.000244395	3.874827989	0.418803133	3.164426864	0.286324936

O00299;A6PVS0;Q9NZA1-3;O15247;Q9NZA1-2;Q9NZA1	Chloride intracellular channel protein 1	CLIC1	0.002025137	0.000550579	0	0.002465029	0.000582816	0.000213313	0.001856217	0.001432737	0.000507267	0.000858572	0.001087053	0.001265407	1.266117069	0.816638088	1.47385079	0.604141186
O00303;H0YDT6	Eukaryotic translation initiation factor 3 subunit F	EIF3F	0.000525408	0.000941666	0	0.000483243	0.000396925	0.00013049	0.000835102	0.000534921	0.000677962	0.000489024	0.000336886	0.000682662	0.688894115	0.630316068	1.39596597	0.535374828
O00410;O00410-3;H0Y8C6;O00410-2;E7ETV3;H0Y3V4;C9JMV5;C9JZ53;E7EQT5;E7EV12;O60518;C9JXE0;C9JZD8;C9J875;C9JQT6;E7ESA1;E7ESZ1;E7EWK4;E7EX05;E7ETV8	Importin-5	IPO5	0.000920253	0.000294322	0	0.000606864	0.000183499	0.000253335	0.000367854	0.00039459	0.000151685	0.000404858	0.0003479	0.00030471	0.859312074	0.859276542	0.752632547	0.740446757
O00411;K7EMH3;K7ESD1	DNA-directed RNA polymerase, mitochondrial	POLRMT	0.000100729	0.000109104	0	0	4.26898E-05	0	3.70863E-05	0	0	6.99443E-05	1.42299E-05	1.23621E-05	0.203446376	0.214841897	0.176741929	0.196283266
O00425;O00425-2;F8WD15	Insulin-like growth factor 2 mRNA-binding protein 3	IGF2BP3	0.012533615	0.008438079	0.000278783	0.010560283	0.013183512	0.001411244	0.00717083	0.005296047	0.001491298	0.007083492	0.008385013	0.004652725	1.183739962	0.810068309	0.656840576	0.573497246
O00442;O00442-2	RNA 3-terminal phosphate cyclase	RTCA	0.000302347	8.51265E-05	0	0.000115997	0	0	0.000204362	9.54276E-05	0	0.000129158	3.86656E-05	9.99299E-05	0.299366604	0.407918884	0.773702889	0.799430231
O00458;O00458-2;H0YEE3;C9JLG5;C9JA65	Interferon-related developmental regulator 1	IFRD1	5.33055E-05	0.000123253	0	0.000182487	0.00011712	0	0	0	0	5.88528E-05	9.98691E-05	0	1.696930888	0.557717062	0	0.174473727
O00488;A9J4F5	Zinc finger protein 593	ZNF593	0.000341013	0	0	0	0	0	0	0	0	0.000113671	0	0	0	0.373900966	0	0.373900966
O00505;H0Y4S9	Importin subunit alpha-4	KPNA3	0.000907021	0.000561016	0.000484641	0.001205175	0.000841795	0.001165481	0.000431618	0.000432365	0.001106594	0.000650893	0.001070817	0.000656859	1.645151695	0.072827965	1.009166842	0.982771596
O00567;Q5JXT2;H0YDU4;H0Y653	Nucleolar protein 56	NOP56	7.35665E-05	0.000288976	2.15835E-05	9.99692E-05	0.000240178	0	0	0	0	0.000128042	0.000113382	0	0.885509566	0.898100547	0	0.192801497
O00571-2;O00571;O15523-2;O15523;O15523-3;C9J081;A0A087WVZ1;C9J8G5;B4DLA0;D6RCM4;Q9NQI0-3;Q9NQI0-2;Q9NQI0-4;Q9NQI0;A0A087WX09;H0Y960	ATP-dependent RNA helicase DDX3X;ATP-dependent RNA helicase DDX3Y	DDX3X;DDX3Y	0.00418582	0.004350515	0.001011612	0.002921134	0.00450184	0.002659642	0.001849772	0.002683914	0.001570377	0.003182649	0.003360872	0.002034688	1.055998416	0.891759568	0.639306326	0.369735474
O00629;H7C4F6	Importin subunit alpha-3	KPNA4	0.00032168	0.00017273	0	0.000407517	0.000445784	0.000344348	0.000342444	0.000398471	0.000209766	0.000164803	0.000399216	0.000316894	2.422378847	0.074089831	1.922859217	0.233571403
O00743-2;O00743;O00743-3;Q5T1S7	Serine/threonine-protein phosphatase 6 catalytic subunit;Serine/threonine-protein phosphatase 6 catalytic subunit, N-terminally processed	PPP6C	0.000136771	0.000117248	0	8.94208E-05	0	6.69706E-05	7.89109E-05	0.000121766	0	8.46729E-05	5.21305E-05	6.68925E-05	0.615668873	0.554057116	0.790010361	0.765295387
O00762-2;O00762;O00762-3;O00762-4	Ubiquitin-conjugating enzyme E2 C	UBE2C	6.08626E-05	0	0	0.000118934	0	0	0	0	0	2.02875E-05	3.96448E-05	0	1.954147255	0.686229773	0	0.373900966
O00767	Acyl-CoA desaturase	SCD	0	0	0	0.000257698	8.73424E-05	0.000165572	0.000293414	0.000389611	1.60085E-05	0	0.000170204	0.000233011	#DIV/0!	0.025884047	#DIV/0!	0.105965057
O14524-2;O14524	Transmembrane protein 194A	TMEM194A	0.000161384	0.000620135	0	0	0.00015451	2.78949E-05	0	0.00153637	0.00025994	0.000260506	6.08017E-05	0.00059877	0.233398015	0.356433011	2.298484768	0.543292939
O14545;F8VNX8;F8VVF3;O14545-2;S4R2Z9;F8VWK2	TRAF-type zinc finger domain-containing protein 1	TRAFD1	0	0	0	0.000383894	0.000481985	0.000431943	0.00014407	0.000190366	0.000430067	0	0.000432607	0.000254834	#DIV/0!	0.000107087	#DIV/0!	0.045228152
O14561;H3BNK3	Acyl carrier protein, mitochondrial;Acyl carrier protein	NDUFAB1	0.000241599	0	0	0	0	0.001171914	0.000672028	0.000571013	0	8.05329E-05	0.000390638	0.000414347	4.85066345	0.480287878	5.145064196	0.210710324
O14617-3;O14617-4;O14617-2;O14617;O14617-5;K7ELX8	AP-3 complex subunit delta-1	AP3D1	0	0	0	0	0	1.44417E-05	2.28074E-05	3.60338E-05	1.90152E-05	0	4.8139E-06	2.59521E-05	#DIV/0!	0.373900966	#DIV/0!	0.007327762
O14654	Insulin receptor substrate 4	IRS4	0.000289759	0.000384543	0	0.000315199	0.001098116	0.000132688	0.000337078	0.000640797	0.000152908	0.000224767	0.000515334	0.000376928	2.292744593	0.412424109	1.676968042	0.453226075
O14737;O14737-2;K7EQA1;Q3HM38;X6R2P6;K7ESJ4	Programmed cell death protein 5	PDCD5	0.002015835	0.000222924	0	0	0.000345781	0.000529483	0.000662346	0.001594579	3.08846E-05	0.000746253	0.000291755	0.000762603	0.390959605	0.52692756	1.021909727	0.984343967
O14744;O14744-5;O14744-2;O14744-3;O14744-4;G3V580;G3V5L5;H0YJX6;G3V2L6;G3V2X6;C9JSX3;H0YJ77;G3V507;H0YJY6;G3V2F5;H0YJD3;G3V5T6;H7BZ44	Protein arginine N-methyltransferase 5;Protein arginine N-methyltransferase 5, N-terminally processed	PRMT5	0.00301123	0.002915218	0.001834997	0.004237503	0.001438869	0.003840387	0.003909633	0.002731693	0.00314171	0.002587148	0.003172253	0.003261012	1.226158192	0.572093793	1.260465845	0.257902129
O14745;J3QRP6;O14745-2	Na(+)/H(+) exchange regulatory cofactor NHE-RF1	SLC9A3R1	0.000214962	3.75094E-05	0	0.000126534	0	0	5.85607E-05	8.18723E-05	0	8.41571E-05	4.2178E-05	4.6811E-05	0.501181374	0.621467843	0.556233318	0.624927846
O14818;O14818-4;Q8TAA3-2;Q8TAA3-5;Q8TAA3;A0A087WYS6;F5GY34	Proteasome subunit alpha type-7	PSMA7	0.89926601	0.827830203	0.754207486	0.940916012	0.737592081	0.834734584	0.883365212	0.871548605	0.721549436	0.827101233	0.837747559	0.825487751	1.012871854	0.889781475	0.998049233	0.981894505
O14818-2	Proteasome subunit alpha type-7	PSMA7	0.004853884	0.005486473	0.002493676	0.005750465	0.003354665	0	0.004872917	0.00516931	0	0.004278011	0.003035044	0.003347409	0.70945197	0.548718423	0.782468475	0.651151302
O14828-2;O14828	Secretory carrier-associated membrane protein 3	SCAMP3	5.75287E-05	0	0	0	0	0	0	0	0	1.91762E-05	0	0	0	0.373900966	0	0.373900966
O14907;A0A087X282	Tax1-binding protein 3	TAX1BP3	0	0	0	0.000479101	0	0	0.000224565	0.000327184	0	0	0.0001597	0.000183916	#DIV/0!	0.373900966	#DIV/0!	0.129690183
O14929;O14929-2;F8WEW1;F8W9G7	Histone acetyltransferase type B catalytic subunit	HAT1	0.000618035	0.000137413	6.61908E-05	0.000882117	0.00016215	0.000571049	0.000723783	0.000288153	0.000374729	0.000273879	0.000538439	0.000462222	1.965970959	0.384384361	1.687683935	0.437395024
Q5JS74;O14936-3;O14936-4;O14936-6;O14936-2;O14936	Peripheral plasma membrane protein CASK	CASK	1.38137E-05	0	2.02207E-05	3.03555E-05	0	3.88407E-05	2.29803E-05	1.37836E-05	0	1.13448E-05	2.30654E-05	1.22546E-05	2.033126024	0.425187466	1.080199058	0.923960911
O14974-5;O14974-4;O14974-3;O14974;O14974-2;F8VZN8;H0YIS4;H0YHL8;H0YIS3;H0YHI8;F8VW28;H0YIM2;H0YIL7	Protein phosphatase 1 regulatory subunit 12A	PPP1R12A	0.000516364	3.71949E-05	7.40301E-05	3.87522E-05	7.03105E-05	7.75721E-05	6.93917E-05	2.45287E-05	0	0.000209196	6.22116E-05	3.13068E-05	0.297383669	0.395051015	0.14965258	0.315856403
O14980;C9JKM9;C9JF49;C9IYM2;H7BZC5;F8WF71;C9IZS4;C9JQ02;C9JV99;C9J673	Exportin-1	XPO1	0.000145174	9.58692E-05	0	0.000191434	0	0	8.26102E-05	0	0	8.03477E-05	6.38115E-05	2.75367E-05	0.794191284	0.839923307	0.342719492	0.35675362
O15018;O15018-2	PDZ domain-containing protein 2;Processed PDZ domain-containing protein 2	PDZD2	9.77264E-06	3.50162E-05	0	0.000364369	0.000241341	0.000107057	0.000113902	0.000148408	0	1.49296E-05	0.000237589	8.74367E-05	15.91397551	0.04124508	5.856603583	0.190377051
O15020;O15020-2;A4QPE4	Spectrin beta chain, non-erythrocytic 2	SPTBN2	0.000214659	0	4.08463E-06	9.93692E-06	4.95671E-05	1.14048E-05	9.67826E-06	1.93143E-05	2.73258E-05	7.29146E-05	2.36363E-05	1.87728E-05	0.324164033	0.531626489	0.257462894	0.488589976
O15067;J3KT98;J3QSG0;J3QSH6	Phosphoribosylformylglycinamidine synthase	PFAS	0.00014239	9.22483E-05	0	0.00023224	4.07297E-05	2.66178E-05	0.000163003	0.000136921	0	7.82128E-05	9.98624E-05	9.99747E-05	1.276804255	0.79595413	1.278240099	0.756495204
O15143;C9J4Z7;F8VXW2;C9JEY1;C9JQM8;C9JFG9;C9J6C8;C9JTT6;C9JBJ7;C9K00	Actin-related protein 2/3 complex subunit 1B	ARPC1B	0.002973423	0.000388766	0.000605553	0.000826162	0.000990085	0.000433652	0.001153556	0.000454303	0	0.001322581	0.000749966	0.000535953	0.567047652	0.534748759	0.405232686	0.428220752
O15144;H7C3F9;C9JTV5;G5E9J0;G5E9S5	Actin-related protein 2/3 complex subunit 2	ARPC2	0.002188931	0.000480139	0.000289578	0.002205203	0.000382439	0.000260599	0.00158472	0.000899767	0.000384054	0.000986216	0.000949414	0.000956181	0.962683716	0.968353763	0.969544842	0.967685818
O15145;C9JZD1;F8VR50	Actin-related protein 2/3 complex subunit 3	ARPC3	0.003454816	0.00011853	0.001329874	0.003059287	0.00132178	0.002921951	0.003405988	0.002272747	0.002961041	0.001634407	0.002434339	0.002879925	1.489432983	0.515714066	1.762061674	0.292863264
O15160-2;O15160;E7EQB9;D6RDJ3;H0Y723	DNA-directed RNA polymerases I and III subunit RPAC1	POLR1C	0.001691083	0.000617634	0.000939159	0.002313442	0.00246484	0.001158692	0.002265179	0.001981161	0.000152372	0.001082626	0.001978991	0.001466237	1.827955319	0.160379363	1.354334763	0.629055865
O15173;O15173-2	Membrane-associated progesterone receptor component 2	PGRMC2	0.000148046	3.77175E-05	0.001061062	0	0	0.000225671	0.000111279	0	0	0.000415608	7.52236E-05	3.70929E-05	0.180996329	0.364362187	0.089249675	0.310701542
O15195-2;O15195;H7BZ43;D6R9H2	Villin-like protein	VILL	0	0	0	9.33505E-05	5.83502E-05	0	0	7.09213E-05	0	0	5.05669E-05	2.36404E-05	#DIV/0!	0.136843649	#DIV/0!	0.373900966
O15226;O15226-2;A0A087WXT2	NF-kappa-B-repressing factor	NKRF	0.002597932	0.00170858	0	0.000551693	0.002485098	1.91281E-05	0.000329441	0.000195602	0	0.001435504	0.00101864	0.000175014	0.709604175	0.716393183	0.121918387	0.176204124
O15234;J3QSC4;J3KSY7	Protein CASC3	CASC3	3.96134E-05	0	0	2.49078E-05	0	0	1.81426E-05	0	0	1.32045E-05	8.3026E-06	6.04752E-06	0.628771462	0.769026749	0.457990249	0.647989384
O15269-2;O15269	Serine palmitoyltransferase 1	SPTLC1	0	0	0	0.000494125	0	0	0	0	0	0	0.000164708	0	#DIV/0!	0.373900966	#DIV/0!	#DIV/0!
O15294;O15294-3;O15294-2;O15294-4;C9JZL3;H7C2T7	UDP-N-acetylglucosamine--peptide N-acetylglucosaminyltransferase 110 kDa subunit	OGT	3.29908E-05	1.00179E-05	1.91412E-05	0.000331499	8.65824E-05	0.000273703	0.000248711	0.000224067	0.000290949	2.07166E-05	0.000230595	0.000254576	11.13091207	0.047442331	12.28847725	0.000345839
O15355	Protein phosphatase 1G	PPM1G	0.000670663	0.000213999	0	0.00090621	0.000112289	0.000361179	0.000632679	0.000385169	0.000154742	0.000294888	0.000459892	0.000390863	1.559551916	0.619142638	1.32546545	0.710982593
O15371-2;O15371-3;O15371;B0QYA5;B0QYA4;B0QYA8;B0QYA6;B0QYA7	Eukaryotic translation initiation factor 3 subunit D	EIF3D	0.000956513	0.001065833	0	0.000911718	0.000516957	0.000383825	0.000555599	0.000577967	0.000122274	0.000674116	0.000604167	0.000418613	0.896236247	0.860668587	0.620981164	0.527401351
O15379;O15379-2;E7ESJ6	Histone deacetylase 3	HDAC3	0.000144439	0.000124837	0.000369997	0.000286113	0.000363696	0.000503253	0	0.000158531	0.000319797	0.000213091	0.000384354	0.000159443	1.803704103	0.165541381	0.748237203	0.681108299
O15381-3;O15381-4;O15381-2;O15381-5;O15381	Nuclear valosin-containing protein-like	NVL	5.02595E-05	8.4574E-05	0	0	0.000184754	0	0	0	0	4.49445E-05	6.15846E-05	0	1.370236811	0.814195653	0	0.141212685
O15446;O15446-2	DNA-directed RNA polymerase I subunit RPA34	CD3EAP	0.001580885	0.001092907	0	0.003051674	0.000702648	0.000248066	0.001681219	0.001470937	0.00010559	0.000891264	0.001334129	0.001085915	1.49689568	0.676726511	1.218399276	0.788893362
O15460-2;O15460;C9JX45;A8MXE0;E7ERI1;E7ENX0;E7EPI9;C9JCP0;C9JN43;C9JIG4;C9JFJ1;Q8IU57-2;REV__F5GZT0;REV__Q5TIA1	Prolyl 4-hydroxylase subunit alpha-2	P4HA2	0.000681146	6.59982E-05	0.008467658	0.001972001	0.000601788	0.00408774	0.001786518	0.00134734	0.002504979	0.003071601	0.00222051	0.001879613	0.722916128	0.782866053	0.611932565	0.684365377
O15511;O15511-2;B1ALC0	Actin-related protein 2/3 complex subunit 5	ARPC5	0.001783774	0	0	0.000115455	5.36815E-05	0	0.000258346	0	0	0.000594591	5.63788E-05	8.61155E-05	0.094819381	0.417230404	0.144831288	0.445025784
O15514;E9PB93;E9PHV4	DNA-directed RNA polymerase II subunit RPB4	POLR2D	0	0	0.000180226	0.00084497	0	0	0.000427416	0.000201981	0.00090256	6.00753E-05	0.000281657	0.000510653	4.688397085	0.484571216	8.500210045	0.104202216
O43143;O60231	Pre-mRNA-splicing factor ATP-dependent RNA helicase DHX15	DHX15	0.009592629	0.004713494	0.003427273	0.009747265	0.002978941	0.007276272	0.006115278	0.004962941	0.00545321	0.005911132	0.006667493	0.005510476	1.127955251	0.79524615	0.932220123	0.843881417
O43172-2;O43172	U4/U6 small nuclear ribonucleoprotein Prp4	PRPF4	0.002585258	0.002227144	0.000692054	0.001430921	0.004213261	0.001114823	0.001277906	0.001469771	0.001657654	0.001834819	0.002253002	0.001468444	1.227915215	0.732964795	0.800320819	0.568825291
O43175;Q5SZU1	D-3-phosphoglycerate dehydrogenase	PHGDH	0.004708027	0.001459241	0	0.005155535	0.001631246	0.00096418	0.003487185	0.00219971	0.000668568	0.002055756	0.002583654	0.002118488	1.256790009	0.795365045	1.030515134	0.970829583
O43242;H0YGV8;F5H8K4	26S proteasome non-ATPase regulatory subunit 3	PSMD3	0.192703235	0.176548271	0.125440409	0.384185354	0.246649763	0.309500327	0.327936737	0.313927079	0.256438185	0.164897305	0.313445148	0.299434	1.900850639	0.029133534	1.815881706	0.010731784
O43242-2	26S proteasome non-ATPase regulatory subunit 3	PSMD3	0.001226854	0.000776378	0.000152296	0.002089755	0.001276979	0.00130473	0.002146082	0.002469919	0.000998309	0.000718509	0.001557155	0.001871437	2.167201845	0.110209715	2.604610371	0.101600588
O43251-6;O43251-8;S4R469;F8VR27;F8VZY7;B0QYV1;J3QRF4;B0QYY4;A0A087X2B1;J3KNW3;B7Z1U7;F8VZG9;A6NFN3;A6NFN3-2;O43251-9;Q9NWB1-3;O43251-4;O43251-5;O43251-10;O43251-2;O43251;Q9NWB1-4;Q9NWB1-5;Q9NWB1;O43251-7;Q9NWB1-2;B0QYY6;I3L1D4;B0QYY7;S4R3K7;J3QQZ2;F5H0M1;F8VRS4;O43251-3	RNA binding protein fox-1 homolog 2;RNA binding protein fox-1 homolog;RNA binding protein fox-1 homolog 3;RNA binding protein fox-1 homolog 1	RBFOX2;RBFOX1;RBFOX3	0	0.000168402	0	0.000201479	0	0	0.000148189	0	0	5.61341E-05	6.71597E-05	4.93963E-05	1.196415522	0.905837941	0.87997085	0.93253247
O43252	Bifunctional 3-phosphoadenosine 5-phosphosulfate synthase 1;Sulfate adenylyltransferase;Adenylyl-sulfate kinase	PAPSS1	4.89448E-05	0	0	0	0	0	0.000109896	0	0	1.63149E-05	0	3.6632E-05	0	0.373900966	2.245306197	0.639052802
O43324;D6RBD7;C9J1V9;O43324-2;D6RCQ0;H0YAL7	Eukaryotic translation elongation factor 1 epsilon-1	EEF1E1;EEF1E1-BLOC1S5	0.000365094	9.64142E-05	0	0.000240659	0	5.84248E-05	0.000488456	0.000146634	0	0.000153836	9.96945E-05	0.000211697	0.648057098	0.700776526	1.376117918	0.765600738
O43347;H0YHB7	RNA-binding protein Musashi homolog 1	MSI1	8.90115E-05	0	0	0.000147678	0	0	9.79183E-05	0	0	2.96705E-05	4.92259E-05	3.26394E-05	1.659086939	0.750796723	1.100062968	0.949566943
O43390;O43390-2;O43390-3;O43390-4;B4DT28	Heterogeneous nuclear ribonucleoprotein R	HNRNPR	0.00769885	0.008071505	0.000608877	0.004336248	0.015723012	0.006388934	0.009518143	0.008008225	0.00745666	0.005459744	0.008816064	0.008327676	1.614739547	0.475113724	1.525286924	0.31606995
O43395;O43395-3	U4/U6 small nuclear ribonucleoprotein Prp3	PRPF3	0.001910041	0.001461113	0	0.000537877	0.002102373	0.00020404	0.000469519	0.000658832	0.000214955	0.001123718	0.000948097	0.000447769	0.843714434	0.8411722	0.398470773	0.316369377
O43396;K7ER96;K7EML9;K7EPB7;K7EKG2;K7EME7	Thioredoxin-like protein 1	TXNL1	0.023496098	0.016486823	0.014997885	0.157637354	0.11508608	0.169102357	0.14023405	0.182225753	0.119387174	0.018326935	0.147275264	0.147282326	8.0360006	0.001493685	8.036385932	0.002301785
O43447;C9JQD4;O43447-2;H0YEL5;A6NM32;C9JAN8	Peptidyl-prolyl cis-trans isomerase H;Peptidyl-prolyl cis-trans isomerase	PPIH	0.010976875	0.005653139	0.010112589	0.022166004	0.008593098	0.020782194	0.019032028	0.012310787	0.028358126	0.008914201	0.017180432	0.019900313	1.927310403	0.147878707	2.232428215	0.090061756
O43491;E9PHY5;O43491-4;O43491-3;E9PK52;E9PII3;O43491-2;I6L9B1;Q6ZSX4;H0Y5B0;Q6R5J7;E9PQD2;E9PRG1;E9PIG0;E9PMV8;E9PQN0;E9PJP4;E9PN54;E9PPC9;E9PMG5	Band 4.1-like protein 2	EPB41L2	0.001428648	0.000178824	0.000879316	0.00268782	0.00087291	0.000647653	0.001151625	0.001543503	0.000715572	0.000828929	0.001402794	0.0011369	1.692296652	0.481439726	1.371528311	0.516729134
O43583;F8VVL1	Density-regulated protein	DENR	0.000327394	8.14533E-05	0.00053845	0.001239657	0.000402268	0.000408133	0.000107545	0.000688105	0.000935592	0.000315766	0.000683353	0.000577081	2.1641117	0.298511349	1.82755862	0.401479744
O43592;F8WDU6;F5GYW6	Exportin-T	XPOT	0.000139915	5.38045E-05	0	7.11072E-05	0	0	1.59295E-05	0	0	6.45733E-05	2.37024E-05	5.30984E-06	0.367061831	0.434847644	0.082229686	0.222702716
O43660-2;O43660;H0YA24;D6RA26	Pleiotropic regulator 1	PLRG1	0.000250921	0.000146821	0	0.000146453	0.000153164	0	3.31627E-05	7.80657E-05	0	0.000132581	9.98724E-05	3.70761E-05	0.753294589	0.729815051	0.279649265	0.278439157
O43707;O43707-2;F5GXS2;O43707-3;H7C144;K7EJH8;P35609-2;P35609;F6THM6;K7EP19;G3V2E8;G3V5M4	Alpha-actinin-4	ACTN4	0.032638482	0.001198941	0.004218509	0.018608292	0.005941309	0.01051964	0.01672219	0.015721701	0.006594135	0.012685311	0.011689747	0.013012675	0.921518416	0.930195748	1.025806603	0.976666439
O43709;O43709-3;H7C0G4;H7C170	Probable 18S rRNA (guanine-N(7))-methyltransferase	WBSCR22	5.49316E-05	4.78702E-05	0	0.000111422	0.000153273	0	0.00024663	0.000155405	0	3.42673E-05	8.82317E-05	0.000134011	2.574809636	0.331586139	3.910769376	0.249149995
O43765;K7EMD6	Small glutamine-rich tetratricopeptide repeat-containing protein alpha	SGTA	0.00060897	0.000484976	0	0.001823324	0.000898282	0.001543466	0.002035814	0.001584418	0.00103544	0.000364649	0.001421691	0.001551891	3.898797412	0.033095975	4.255852931	0.02597105
O43776;K7EIU7;K7EPK2;K7EQ35;O43776-2;K7EMQ6;K7EJ19	Asparagine--tRNA ligase, cytoplasmic	NARS	0.000801634	0.000237389	0	0.000599184	3.16266E-05	0.000108551	0.000803134	0.000395218	0.000147032	0.000346341	0.000246454	0.000448462	0.711592522	0.753408918	1.294855239	0.754676053
O43809;H3BV41;H3BND3	Cleavage and polyadenylation specificity factor subunit 5	NUDT21	0.000128668	0.000291252	0	7.43405E-05	0	0	6.12891E-05	0	0	0.000139973	2.47802E-05	2.04297E-05	0.177034791	0.259909838	0.145954071	0.240072759
O43823;M0QYL4	A-kinase anchor protein 8	AKAP8	0	2.82013E-05	0	0	0.000134592	1.30186E-05	0	0	0	9.40043E-06	4.92036E-05	0	5.234187774	0.415644992	0	0.373900966
O43852-2;O43852;O43852-4;O43852-3;O43852-15;H0Y875;O43852-9;O43852-5;O43852-8;O43852-10;O43852-6;O43852-12;O43852-13;O43852-14;O43852-7;O43852-11	Calumenin	CALU	0.000916086	6.52345E-05	0	0.001419099	0.000246607	0.000177795	0.00118558	0.000394658	0.00022179	0.000327107	0.0006145	0.000600676	1.878592761	0.595734086	1.836330333	0.548935853
O60216	Double-strand-break repair protein rad21 homolog	RAD21	0	0	0	0	2.43738E-05	5.43085E-05	3.17234E-05	0	2.85474E-05	0	2.62275E-05	2.00902E-05	#DIV/0!	0.170237664	#DIV/0!	0.117219836
O60220	Mitochondrial import inner membrane translocase subunit Tim8 A	TIMM8A	0.000161064	0.000758648	0	0.001321989	0	0	0.001947634	0.000981821	0	0.000306571	0.000440663	0.000976485	1.437394445	0.800826899	3.18518695	0.332204323
O60264	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 5	SMARCA5	3.35557E-05	2.11708E-05	1.4012E-05	4.42559E-05	8.5651E-05	6.63249E-05	1.57311E-05	2.57086E-05	6.98082E-05	2.29128E-05	6.54106E-05	3.70826E-05	2.85475696	0.032679257	1.618421378	0.465131358
O60287	Nucleolar pre-ribosomal-associated protein 1	URB1	0	0	0	0	2.47921E-05	3.85772E-06	0	0	0	0	9.54995E-06	0	#DIV/0!	0.282771216	#DIV/0!	#DIV/0!
O60306;H0YH15;H0YLN9;REV__Q5JR59-4;REV__Q5JR59-3;REV__E7EPJ2;REV__Q9NZM3-4;REV__Q9NZM3-3;REV__Q5JR59;REV__J3KQA9;REV__Q9NZM3-2;REV__A0A087WVF7;REV__Q9NZM3	Intron-binding protein aquarius	AQR	0.000110802	1.97333E-05	0	3.80871E-05	7.32192E-05	1.79053E-05	1.23691E-05	0.000111013	3.16914E-05	4.35118E-05	4.30706E-05	5.16911E-05	0.98986033	0.991236506	1.187980611	0.866236991
O60337-5;O60337;D6RHY7;O60337-6	E3 ubiquitin-protein ligase MARCH6	38777	0	0	0	7.97882E-05	0	0	9.11188E-05	0	0	0	2.65961E-05	3.03729E-05	#DIV/0!	0.373900966	#DIV/0!	0.373900966
O60341;O60341-2;R4GMP9	Lysine-specific histone demethylase 1A	KDM1A	0	0	0	2.21008E-05	0	0	0	0	0	0	7.36695E-06	0	#DIV/0!	0.373900966	#DIV/0!	#DIV/0!
O60493;O60493-3;O60493-2;O60493-4;A0A087X0R6;Q9UMY4-2;Q9UMY4	Sorting nexin-3	SNX3	0	6.203E-05	0	0.000202634	0	0	0.000111094	0	8.52585E-05	2.06767E-05	6.75448E-05	6.54509E-05	3.266716337	0.543302135	3.165448123	0.31948956
O60506;O60506-2;F6UXX1	Heterogeneous nuclear ribonucleoprotein Q	SYNCRIP	0.012966461	0.008056531	0.001079093	0.012905072	0.010875447	0.006044728	0.009844632	0.008117466	0.004697945	0.007367361	0.009941749	0.007553348	1.34943144	0.555286329	1.025244597	0.962977932
O60506-3;O60506-4;B7Z645;O60506-5;H0YAA0	Heterogeneous nuclear ribonucleoprotein Q	SYNCRIP	0.000196224	4.73551E-05	0	5.16628E-05	0.000353353	0.000139596	0.000100624	0.000233443	0	8.1193E-05	0.000181537	0.000111356	2.235870292	0.402755985	1.371493749	0.753849432
Q5SRN1;O60508	Pre-mRNA-processing factor 17	CDC40	3.74223E-05	5.97898E-05	0	0	5.58701E-05	0	0	5.66235E-05	0	3.24041E-05	1.86234E-05	1.88745E-05	0.574723771	0.617796788	0.582473641	0.626410217
O60547-2;O60547	GDP-mannose 4,6 dehydratase	GMDS	0	0	0	4.03934E-05	0	0	0	0	0	0	1.34645E-05	0	#DIV/0!	0.373900966	#DIV/0!	#DIV/0!
Q5VUC6;Q5VUC7;O60551	Glycylpeptide N-tetradecanoyltransferase;Glycylpeptide N-tetradecanoyltransferase 2	NMT2	0	2.0506E-05	0	0	0	0	0	0	0	6.83532E-06	0	0	0	0.373900966	0	0.373900966
O60563-2;O60563	Cyclin-T1	CCNT1	0.000136768	7.57301E-05	4.97227E-05	0.000110271	0	0	0	0	0	8.74071E-05	3.67571E-05	0	0.420528043	0.322434728	0	0.027575189
O60568;H7C2V1;H7C2S8;H7C0B8;C9JIX5;H7C2A8;C9JU11	Procollagen-lysine,2-oxoglutarate 5-dioxygenase 3	PLOD3	0.000149137	7.67723E-05	0.000152529	0.000256736	0.000349953	0.000734844	0.000207619	0.00047218	0.000368922	0.000126146	0.000447177	0.000349574	3.544912462	0.096533198	2.771177369	0.050668691
O60645-2;O60645-3;O60645;D6RB59;H0Y995	Exocyst complex component 3	EXOC3	0	0	0	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
O60684;Q5TFJ7;S4R3E5	Importin subunit alpha-7	KPNA6	0.000619345	0.000229363	0.000801323	0.001114357	0.000462527	0.000555501	0.000701639	0.001173856	8.79776E-05	0.00055001	0.000710795	0.000654491	1.292329909	0.575929643	1.189960755	0.784195935
O60701-2;O60701;D6RHF4;E9PBD2;E7ER95;E7ER83;E7ETF4;E7EV97;O60701-3	UDP-glucose 6-dehydrogenase	UGDH	0	0	0	4.32819E-05	0	0	2.55564E-05	2.79069E-05	7.0751E-05	0	1.44273E-05	4.14048E-05	#DIV/0!	0.373900966	#DIV/0!	0.047886552
O60749-2;O60749;D6RC15	Sorting nexin-2	SNX2	0.000336696	0.00010523	0	1.75758E-05	0	0	1.78283E-05	3.20477E-05	0	0.000147308	5.85861E-06	1.66253E-05	0.039771057	0.228655621	0.112860626	0.26084503
O60763;O60763-2	General vesicular transport factor p115	USO1	0.000124698	2.30666E-05	0	0.000131102	0	0	5.19259E-05	7.94856E-06	0	4.92549E-05	4.37006E-05	1.99582E-05	0.887232906	0.928451213	0.405201376	0.519826121
O60784-3;O60784;O60784-4;O60784-2;B0QY01;V9GZ68;H7BYN7;V9GYF4;B0QY02;Q6UW50	Target of Myb protein 1	TOM1	3.38715E-05	0	4.51525E-05	0.001122955	0.000390897	0.001074587	0.000822127	0.001721675	0.000239823	2.63413E-05	0.000862813	0.000927875	32.75508648	0.024165287	35.22505874	0.104765707
U3KQK0;Q99880;Q99879;Q99877;Q93079;Q5QNW6;P62807;P58876;P57053;O60814;Q5QNW6-2;Q96A08	Histone H2B;Histone H2B type 1-L;Histone H2B type 1-M;Histone H2B type 1-N;Histone H2B type 1-H;Histone H2B type 2-F;Histone H2B type 1-C/E/F/G/I;Histone H2B type 1-D;Histone H2B type F-S;Histone H2B type 1-K;Histone H2B type 1-A	HIST1H2BN;HIST1H2BL;HIST1H2BM;HIST1H2BH;HIST2H2BF;HIST1H2BC;HIST1H2BD;H2BFS;HIST1H2BK;HIST1H2BA	0.016499683	0.015438615	0.000294079	0.004773097	0.00728249	0.001939754	0.003077796	0.007833484	0.001739227	0.010744126	0.004665113	0.004216836	0.434201301	0.327688627	0.392478263	0.304854559
O60832;O60832-2;C9IYT0;H7C2Q2;H7C0M1;H7BZF2	H/ACA ribonucleoprotein complex subunit 4	DKC1	0.00071949	0.000698197	5.55868E-05	3.86917E-05	0.000854824	1.27235E-05	3.37362E-05	6.00376E-05	0	0.000491091	0.00030208	3.12579E-05	0.615119332	0.619751073	0.063649954	0.103162729
O60869;O60869-2;O60869-3	Endothelial differentiation-related factor 1	EDF1	0.002853773	0.001527689	0	0.000762258	0.001168176	0	0.000761713	0.000628594	0	0.001460487	0.000643478	0.000463436	0.440591194	0.411896736	0.317315788	0.309477504
O60884;A0A087WT48	DnaJ homolog subfamily A member 2	DNAJA2	0.000810119	0.000494021	0.000148739	0.001151705	0.000882396	0.000534065	0.00049243	0.000355627	0.000463031	0.000484293	0.000856055	0.000437029	1.767639521	0.228342791	0.902407094	0.820819812
O60885;M0R0H4;M0QYW0;M0QZD9;O60885-2;O60885-3	Bromodomain-containing protein 4	BRD4	8.36219E-05	4.44111E-05	0	3.80289E-05	1.63127E-05	4.15255E-05	0	8.79758E-05	0	4.26777E-05	3.19557E-05	2.93253E-05	0.748769051	0.694745903	0.687134282	0.74298503
O60907-2;O60907;Q9BQ87;C9JCW3;C9JYQ8	F-box-like/WD repeat-containing protein TBL1X;F-box-like/WD repeat-containing protein TBL1Y	TBL1X;TBL1Y	1.26253E-05	0	0	0	0	0	4.88512E-05	0	0	4.20845E-06	0	1.62837E-05	0	0.373900966	3.869301448	0.512477794
O75083;D6RD66;O75083-3	WD repeat-containing protein 1	WDR1	0.000410247	0.000181235	0	0.000388305	0	5.66586E-05	0.000136305	3.04394E-05	0	0.000197161	0.000148321	5.55814E-05	0.752285839	0.787639704	0.281908912	0.322951388
O75131;A0A087WYQ3;A0A087WXR6;E5RHZ0;A0A087WUS8;H0YB26;E5RFT7;Q86YQ8-2;Q9HCH3-2;Q96FN4-2;Q96FN4;Q96A23;O95741;Q9UBL6-2;O95741-2;Q9UBL6	Copine-3	CPNE3	0.002173249	0.000552945	0.001254569	0.007577797	0.002203462	0.002998388	0.005612769	0.004216201	0.002614152	0.001326921	0.004259882	0.004147707	3.210350812	0.167003312	3.125812898	0.045780035
O75223;M0QZK8;B8ZZK2;O75223-3;H7BZK5;O75223-2;O75223-4	Gamma-glutamylcyclotransferase	GGCT	0.000271973	0	0.000162732	0.000309937	0	0	0	9.08673E-05	0.00027748	0.000144902	0.000103312	0.000122783	0.712980906	0.765155716	0.847349945	0.855160971
O75323;O75323-2;H7C333;F8WBI5;C9J7B1;C9K068	Protein NipSnap homolog 2	GBAS	0.002181197	0.001526641	0.000323353	0.004072481	0.001555101	0.004023409	0.002521033	0.002028065	0.005106492	0.00134373	0.003216997	0.00321853	2.394079126	0.132379416	2.395220016	0.163158761
O75348	V-type proton ATPase subunit G 1	ATP6V1G1	0	6.936E-05	0	0.00022241	0	8.80906E-05	0	0.000350961	0	2.312E-05	0.0001035	0.000116987	4.476656212	0.306789379	5.059998206	0.475215552
O75367-2;O75367-3;O75367;D6RCF2;B4DJC3	Core histone macro-H2A.1	H2AFY	5.29919E-05	7.49993E-05	0	0	4.06697E-05	0	0	0	0	4.26637E-05	1.35566E-05	0	0.317753934	0.326605168	0	0.127741283
O75368	SH3 domain-binding glutamic acid-rich-like protein	SH3BGRL	8.49473E-05	0	0	0.000282463	0	0	0.000196927	0	0	2.83158E-05	9.41543E-05	6.56422E-05	3.325155692	0.539760583	2.318222975	0.629161179
O75369-6;O75369-3;O75369-2;O75369-9;O75369;O75369-8;E7EN95;O75369-7;O75369-5;O75369-4	Filamin-B	FLNB	0.00025191	1.41935E-05	0	2.68603E-05	1.17543E-05	2.13422E-05	8.26244E-05	6.02036E-05	3.57308E-06	8.8701E-05	1.99856E-05	4.88003E-05	0.225314141	0.448297144	0.550166526	0.66330654
O75376;O75376-2;E7EVU5;E7EW50;J3KSS1;A0A088AWL3;O75376-3;J3KT44;C9JAP0;E7EVK1;Q9H4R4	Nuclear receptor corepressor 1	NCOR1	3.91258E-05	2.7508E-05	1.4575E-05	4.78116E-05	2.42864E-05	1.15072E-05	7.1044E-05	0.000109445	0	2.70696E-05	2.78684E-05	6.0163E-05	1.029507848	0.953160718	2.222527975	0.370520414
O75396;A0A087X1A9	Vesicle-trafficking protein SEC22b	SEC22B	0.000101911	0	0	0	0	0	4.74913E-05	0	0	3.39703E-05	0	1.58304E-05	0	0.373900966	0.466008337	0.653679973
O75436;S4R3Q6;O75436-2	Vacuolar protein sorting-associated protein 26A	VPS26A	0.00040608	0.000174542	0	0.000474959	0.000125158	0.0001105	0.001765396	0.000265498	8.77897E-05	0.000193541	0.000236872	0.000706228	1.223888133	0.808520705	3.648991651	0.400042028
O75439;G3V0E4;F8WAZ6;F8WEA6;F8WBE1	Mitochondrial-processing peptidase subunit beta	PMPCB	0.000676141	1.05153E-05	0.000118989	0.000940759	0.000241578	0.000382163	0.000712966	0.000837857	0.000340573	0.000268549	0.0005215	0.000630465	1.941921265	0.442125359	2.347676636	0.228226549
O75489;E9PS48;O75489-2	NADH dehydrogenase [ubiquinone] iron-sulfur protein 3, mitochondrial	NDUFS3	0.00017299	6.16407E-05	0	0.000142199	0	0	0.00013151	7.34897E-05	0	7.82102E-05	4.73996E-05	6.83331E-05	0.606053612	0.679811394	0.873711049	0.883611956
O75531;Q5JUR7	Barrier-to-autointegration factor;Barrier-to-autointegration factor, N-terminally processed	BANF1	0.021824864	0.001906691	0.013623534	0.032932732	0.019799126	0.077363213	0.063563117	0.03801445	0.030197269	0.012451696	0.043365024	0.043924945	3.482659888	0.167352055	3.527627379	0.053555179

O75533;H7C341;B4DGZ4;O75533-2;F8WC19	Splicing factor 3B subunit 1	SF3B1	0.003840617	0.00130496	0.00060124	0.003081454	0.002448097	0.001990839	0.002231821	0.002060254	0.000893405	0.001915606	0.002506797	0.001728494	1.308618228	0.597840742	0.902322192	0.869652012
O75534-2;O75534;O75534-4;E9PLT0;E9PNG3;E9PKN4;E9PLD4	Cold shock domain-containing protein E1	CSDE1	0.000731412	0.000161589	2.34943E-05	0.001139121	0.000787222	0.000150195	0.000596822	0.000343985	0.000223594	0.000305498	0.000692179	0.000388134	2.265737982	0.345049337	1.270492685	0.750889587
O75569;G5E9Q4;O75569-3;O75569-2;F8WEG8;C9JMM3	Interferon-inducible double-stranded RNA-dependent protein kinase activator A	PRKRA	0.010654228	0.00537117	0	0.005252713	0.006537612	0.000541305	0.003891747	0.003561878	0.000777912	0.0053418	0.004110543	0.002743846	0.769505306	0.74789832	0.51365569	0.466335148
O75607	Nucleoplasmin-3	NPM3	0.002022387	1.59447E-05	0	0.001133188	0.001220606	0.000706286	0.000795384	0.000494881	0.000423918	0.000679444	0.001020027	0.000571394	1.501266686	0.647477472	0.840973383	0.88163477
O75643;O75643-2;B4E0P5;Q86VH2-3;Q86VH2-2;Q86VH2	U5 small nuclear ribonucleoprotein 200 kDa helicase	SNRNP200	0.000316976	0.000230771	3.65331E-05	0.000236494	0.000230678	0.000113927	0.000160056	0.000152242	0.000138411	0.00019476	0.0001937	0.000150236	0.994556723	0.99136191	0.771391578	0.62082082
O75663;O75663-2	TIP41-like protein	TIPRL	0.000259772	2.7478E-05	0	0.000706661	0.000163982	0.001500357	0.000158441	0.000287032	0.001695127	9.57499E-05	0.000790333	0.000713533	8.254140964	0.154845726	7.452050281	0.283437832
O75683	Surfeit locus protein 6	SURF6	0.000122851	0.000206662	0	0.000149268	0.001424154	0	0	0	0	0.000109838	0.000524474	0	4.774997381	0.414505603	0	0.141184535
O75695	Protein XRP2	RP2	6.48387E-05	0	0	0	0	0	0	0	0	2.16129E-05	0	0	0	0.373900966	0	0.373900966
O75781-2;O75781	Paralemmin-1	PALM	0	0	0	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
O75792	Ribonuclease H2 subunit A	RNASEH2A	0	0	0	0.000206302	0	6.32389E-05	0.000108846	5.08676E-05	0	0	8.9847E-05	5.32378E-05	#DIV/0!	0.214905081	#DIV/0!	0.165683538
X6RA30;O75794;X6RKY7;X6RF82	Cell division cycle protein 123 homolog	CDC123	7.67049E-05	0.000141194	0	0.000200606	0	9.99255E-05	0.000166905	0	0	7.26329E-05	6.68686E-05	8.89435E-05	0.920637916	0.944875444	1.224562862	0.809607825
O75822-2;O75822;O75822-3;H0YGJ7;H0YLP3	Eukaryotic translation initiation factor 3 subunit J	EIF3J	0.000410312	0.000820088	0	0.000173909	0.000749335	0.000323364	0.000109445	0.000347081	0	0.000410133	0.000415536	0.000152175	1.013172569	0.986165043	0.371038135	0.373895106
O75844	CAAX prenyl protease 1 homolog	ZMPSTE24	0	0	0	0.000209184	0.000160064	3.15957E-05	0	0	0	0	0.000133615	0	#DIV/0!	0.065098532	#DIV/0!	#DIV/0!
O75874;C9J4N6	Isocitrate dehydrogenase [NADP] cytoplasmic	IDH1	0.000303121	0.000248186	0	0.000668507	4.81871E-05	8.77392E-06	0.000328959	3.76398E-05	5.29539E-05	0.000183769	0.000241823	0.000139851	1.315906138	0.815591864	0.761015012	0.75758368
O75909;O75909-4;G3V5E1;O75909-1;G3V2Q3;O75909-2	Cyclin-K	CCNK	3.84685E-05	0	3.00702E-05	5.63224E-05	0	0.000105861	0	0	0	2.28462E-05	5.40612E-05	0	2.366304515	0.394291437	0	0.122054172
O75934	Pre-mRNA-splicing factor SPF27	BCAS2	0	0.000140382	0	0.000203391	0.00010174	0.000181209	8.90321E-05	0.000261976	0	4.6794E-05	0.000162113	0.000117003	3.4644029	0.108781212	2.500376819	0.479031182
X6RA56;X6RLR1;O75935-3;O75935-2;O75935;X6RCK5	Dynactin subunit 3	DCTN3	0	0	0.000221176	5.5635E-05	0	7.43959E-05	0.000238249	0.000195792	0	7.37253E-05	4.33436E-05	0.00014468	0.587907283	0.713419082	1.962424853	0.532584589
O75937;S4R3J5	DnaJ homolog subfamily C member 8	DNAJC8	0.001062501	0.000544275	0	0.000403061	0.00010668	0.00062325	0	0.00039551	0.000365642	0.000535592	0.000377664	0.000253717	0.705133014	0.667622689	0.473714027	0.443767821
O75940	Survival of motor neuron-related-splicing factor 30	SMNDC1	0.00020313	0.000444246	0	0.000361481	0.000884653	0	0.00022758	0.00030574	0.000138831	0.000215792	0.000415378	0.00022405	1.92490032	0.52522225	1.038268543	0.954876218
O76003	Glutaredoxin-3	GLRX3	0.001035435	0.000566796	8.06603E-05	0.000944342	0.000298666	0.000212555	0.000892876	0.000815605	0.000261907	0.000560964	0.000485188	0.000656796	0.86491762	0.843394003	1.170834582	0.79190821
O76021;J3QSV6;I3L3U9;O76021-2;I3L3C4;I3L234;I3L1A3	Ribosomal L1 domain-containing protein 1	RSL1D1	0.001745194	0.001863266	0	0.000461054	0.004251262	0	0.000302016	0.000214807	0	0.00120282	0.001570772	0.000172275	1.305907731	0.815342106	0.143225559	0.165878373
O76071	Probable cytosolic iron-sulfur protein assembly protein CIAO1	CIAO1	0	0	0	0.00010968	0	0	0.000283074	0.000209527	0	0	3.65601E-05	0.0001642	#DIV/0!	0.373900966	#DIV/0!	0.124906978
O76080;Q5QPB1	AN1-type zinc finger protein 5	ZFAND5	0.000712358	0.000876272	4.24538E-05	0.000377714	0	0.000367612	0.000513382	0.000100441	0	0.000543695	0.000248442	0.000204608	0.456951225	0.356780784	0.37632834	0.320890098
O76094;O76094-2;R4GNC1;D6RDY6	Signal recognition particle subunit SRP72	SRP72	0.001713166	0.000737549	0	0.000123319	0.0010178	0	3.17716E-05	8.94182E-05	0	0.000816905	0.000380373	4.03966E-05	0.465626714	0.50096034	0.049450789	0.193104878
O94760;O94760-2	N(G),N(G)-dimethylarginine dimethylaminohydrolase 1	DDAH1	0.000192173	9.1579E-05	5.28928E-05	0.001259966	0	0	0.000364645	0.000169036	0	0.000112215	0.000419989	0.000177894	3.74271983	0.506248624	1.585297325	0.593015879
O94776;O94776-2	Metastasis-associated protein MTA2	MTA2	8.87537E-05	0	0	0.000137678	0	3.24479E-05	0	7.14821E-06	3.7548E-05	2.95846E-05	5.67086E-05	1.48987E-05	1.916831096	0.623064421	0.503598453	0.667685179
X6R3P0;O94813;A0A087WYV5;O94813-3;O94813-2;H0Y9Z6;E9PCX4;F5H0U4;H0Y968;Q5T0V3;Q5T0V4;Q5T0V0;O75093-O94826	Slit homolog 2 protein;Slit homolog 2 protein N-product;Slit homolog 2 protein C-product	SLIT2	0.00026946	0.000559878	5.69586E-06	4.11458E-05	0.000167848	0	6.29698E-06	6.51676E-05	0	0.000278345	6.96644E-05	2.38215E-05	0.250281289	0.281596148	0.085582894	0.189891501
O94826	Mitochondrial import receptor subunit TOM70	TOMM70A	3.25246E-05	0	0	0.000113805	0	7.54998E-05	6.85768E-05	5.20498E-05	2.05588E-05	1.08415E-05	6.31015E-05	4.70618E-05	5.820340151	0.211238186	4.340877926	0.111213564
O94832;K7EIG7;J3QRN6;J3KRL0;J3QRR	Unconventional myosin-Id	MYO1D	0.000496301	0	0	0.000107732	0	1.52431E-05	7.27247E-05	8.5053E-06	0	0.000165434	4.09918E-05	2.70767E-05	0.247783809	0.501951558	0.163670853	0.454013921
O94874;O94874-2;O94874-3	E3 UFM1-protein ligase 1	UFL1	8.45112E-05	7.06178E-05	0	0	0	0	0	0	0	5.17097E-05	0	0	0	0.11929718	0	0.11929718
X6RI56;O94886	CSC1-like protein 1	TMEM63A	0	0.001052252	0	0	0.00126995	0.001472394	0.004543589	0.002332863	0	0.000350751	0.000914114	0.002292151	2.606166872	0.385717105	6.534987848	0.226010416
O94952-1;O94952;H0YHF6;H0YIE9	F-box only protein 21	FBXO21	5.50756E-05	0	3.94651E-05	0.000148771	0	0	0.00012854	9.62194E-05	0	3.15136E-05	4.95902E-05	7.49198E-05	1.573613341	0.746699037	2.377383	0.359142425
O94992	Protein HEXIM1	HEXIM1	0.000189442	0	0	0	0	0	8.33994E-05	5.95665E-05	0	6.31475E-05	0	4.76553E-05	0	0.373900966	0.754667173	0.830571127
O95071-2;O95071;E7EMW7;E7ET84;E5RFK7	E3 ubiquitin-protein ligase UBR5	UBR5	2.32211E-06	0	0	0.000348606	0.000269642	0.000218226	0.000161362	0.000215624	6.10429E-05	7.74038E-07	0.000278825	0.00014601	360.2210376	0.001842018	188.6336578	0.032679184
O95163;F5H2T0	Elongator complex protein 1	IKBKAP	3.63375E-05	1.04063E-05	0	5.74733E-05	7.47421E-05	0.000667546	9.38102E-05	5.1406E-05	5.15568E-05	1.55813E-05	0.000266587	6.5591E-05	17.1094351	0.279495981	4.209600921	0.048115753
O95197-7;O95197-2;O95197;O95197-3;O95197-4;B7Z4M1;F5H891;F5GWG7;F5H617;O95197-6;O95197-5	Reticulon-3	RTN3	0	0	0	0.000303399	0	0	0.000100215	4.12468E-06	0	0	0.000101133	3.47799E-05	#DIV/0!	0.373900966	#DIV/0!	0.347967182
O95202;O95202-2;O95202-3	LETM1 and EF-hand domain-containing protein 1, mitochondrial	LETM1	8.2565E-05	2.28584E-05	0	0	0	0	4.84226E-05	0	0	3.51411E-05	0	1.61409E-05	0	0.226544871	0.459314856	0.553744512
O95218-2;O95218	Zinc finger Ran-binding domain-containing protein 2	ZRANB2	9.86952E-05	8.93134E-05	0.00012825	0.000103941	0	0.001006078	0	0	0.000359289	0.000105419	0.000370006	0.000119763	3.509848062	0.45436094	1.136060507	0.910867635
O95229-2;O95229;A6NH27	ZW10 interactor	ZWINT	0	0	0	0	7.14334E-05	0	0	0	8.67649E-05	0	2.38111E-05	2.89216E-05	#DIV/0!	0.373900966	#DIV/0!	0.373900966
O95336;M0R261;M0R1L2;M0R0U3	6-phosphogluconolactonase	PGLS	0.001060396	0.000333495	0	0.00098478	4.86928E-05	0	0.000726537	0.000194372	0	0.00046463	0.000344491	0.00030697	0.741430024	0.801825669	0.660675171	0.700239339
O95347;O95347-2	Structural maintenance of chromosomes protein 2	SMC2	5.08653E-05	1.1264E-05	0	2.35733E-05	0	0	7.166E-06	1.60434E-05	0	2.07098E-05	7.85776E-06	7.73646E-06	0.379422916	0.499054451	0.373565634	0.465720962
O95373	Importin-7	IPO7	2.14919E-05	0	0	6.75134E-05	0	0	7.44139E-05	1.90485E-05	0	7.16397E-06	2.25045E-05	3.11541E-05	3.141342872	0.551399306	4.348725617	0.363933417
O95400	CD2 antigen cytoplasmic tail-binding protein 2	CD2BP2	0	0.000112184	0	0	0.000151864	0	0.000137722	0	7.99911E-05	3.73946E-05	5.06214E-05	7.25709E-05	1.353709614	0.843810345	1.940678353	0.55522499
O95425-2;O95425-4;O95425-3;O95425	Supervillin	SVIL	0.00029629	0	4.86031E-06	8.17407E-06	9.39226E-05	7.0123E-05	3.44375E-05	0	7.29748E-06	0.000100383	5.74066E-05	1.39117E-05	0.571873522	0.693041269	0.13858525	0.429667999
O95429-2;O95429;H0YBT1	BAG family molecular chaperone regulator 4	BAG4	0	0	0	9.55493E-05	0	5.02113E-05	0	0	0	0	4.85869E-05	0	#DIV/0!	0.153085509	#DIV/0!	#DIV/0!
O95433;O95433-2;H0YJU2;H0YJG7;G3V438;G3V3W9;H0YJG6;H0YJ63	Activator of 90 kDa heat shock protein ATPase homolog 1	AHSA1	0.000760798	0.000275499	6.87835E-05	0.002244701	0.000161856	0.000925273	0.000802282	0.000386807	0.000337423	0.00036836	0.00111061	0.000508837	3.015009175	0.311973565	1.381357782	0.607730109
O95456;O95456-2;F8WBH7	Proteasome assembly chaperone 1	PSMG1	0.036200059	0.059322615	0.024038758	0.151609688	0.117080421	0.088586694	0.102946187	0.112394643	0.051403096	0.039853811	0.119092268	0.088914642	2.988227866	0.01941113	2.231019817	0.085541944
Q5TI78;O95568	Histidine protein methyltransferase 1 homolog	METTL18	9.19952E-05	0	0	0.000142329	0	0	0	0	0	3.06651E-05	4.74429E-05	0	1.547130146	0.781249337	0	0.373900966
O95602;B9ZVN9;Q86SQ6-1	DNA-directed RNA polymerase I subunit RPA1;DNA-directed RNA polymerase	POLR1A	0.000572258	0.000157156	7.59275E-05	0.001135763	0.001025857	0.000964441	0.001045871	0.001180922	0.000394302	0.000268447	0.00104202	0.000873699	3.881655652	0.008743698	3.2546363	0.102961345
O95714	E3 ubiquitin-protein ligase HERC2	HERC2	0	0	0	0	4.51841E-06	0	0	0	0	0	1.50614E-06	0	#DIV/0!	0.373900966	#DIV/0!	#DIV/0!
O95749;C9J6G3;C9J7M1;O95749-2	Geranylgeranyl pyrophosphate synthase	GGPS1	0	0	0	0.000304227	0	0	6.93207E-05	0	0	0	0.000101409	2.31069E-05	#DIV/0!	0.373900966	#DIV/0!	0.373900966
O95757;E9PDE8;D6RJ96	Heat shock 70 kDa protein 4L	HSPA4L	0.000451513	0.000110448	6.36005E-05	0.000488729	4.69527E-06	0.000225854	0.000369358	0.000359328	6.5873E-05	0.00020852	0.000239759	0.000264853	1.149811938	0.874629381	1.270154239	0.738888811
O95758-1;O95758-6;O95758-2;O95758;O95758-5;O95758-4;O95758-7;X6R242	Polypyrimidine tract-binding protein 3	PTBP3	8.70052E-05	0	0	0	0.000201511	0	0	9.6428E-05	0	2.90017E-05	6.71705E-05	3.21427E-05	2.316085054	0.629441828	1.108301941	0.945645991
O95777;F2Z2Y6;C9JIZ0;C9JNV3	U6 snRNA-associated Sm-like protein LSm8	LSM8	0.000300865	0.000579614	0.001079682	0.000187729	0.000565844	0.001712554	0.000887056	0.000870898	0.003095117	0.000653387	0.000822042	0.00161769	1.25812464	0.758345703	2.475852697	0.280302474
O95782-2;O95782	AP-2 complex subunit alpha-1	AP2A1	0	0	0	0.000138292	3.88468E-05	0	0.00057692	0.000529582	0.001056278	0	5.90461E-05	0.000720927	#DIV/0!	0.224906962	#DIV/0!	0.012793463
O95793-2;O95793;Q5JW30;O95793-3;A0A087X1A5;Q5JW28;F6UDC6	Double-stranded RNA-binding protein Staufen homolog 1	STAU1	0.003340751	0.002037268	7.54372E-05	0.000470615	0.00214546	6.19024E-05	0.000351132	0.000877874	0	0.001817819	0.000892659	0.000409669	0.491060556	0.463740722	0.225362749	0.225147313
Q5TA95;O95801	Tetratricopeptide repeat protein 4	TTC4	0	3.24945E-05	0	0.000100408	0	0	0	0	0	1.08315E-05	3.34694E-05	0	3.09000656	0.554927161	0	0.373900966
O95816;O95816-2;A2A296;O15056-3;O15056-2;O15056	BAG family molecular chaperone regulator 2	BAG2	0.002306433	0.003983043	0.003924123	0.004345428	0.006692759	0.003996348	0.005039568	0.002928192	0.002580539	0.003404533	0.005011511	0.0035161	1.472011521	0.186538177	1.032770093	0.911663399
O95817;C9JFK9	BAG family molecular chaperone regulator 3	BAG3	2.37174E-05	0	0	0.000567971	8.59567E-06	0.000510754	0.000241999	6.88666E-05	6.21941E-05	7.90578E-06	0.00036244	0.000124353	45.84493239	0.11701505	15.72940271	0.121421847
O95831-3;O95831;O95831-2;E9PMA0;O95831-5;O95831-6;O95831-4	Apoptosis-inducing factor 1, mitochondrial	AIFM1	0.004318359	0.003847674	0.002175556	0.004214216	0.002528099	0.003719084	0.00285408	0.005008029	0.001972365	0.003447196	0.003487133	0.003278158	1.011585362	0.96350913	0.95096353	0.886494215
Q5SSV3;Q5SRR8;O95865	N(G),N(G)-dimethylarginine dimethylaminohydrolase 2	DDAH2	0	0	0	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
O96019;O96019-2;H7C5S0;C9JQT2;O94805	Actin-like protein 6A	ACTL6A	0.000266646	0.000147979	0.000212349	0.000410002	0.000565016	0.000262546	0.000267616	0.001011767	0.000430853	0.000208991	0.000412521	0.000570079	1.973870135	0.095873927	2.727764615	0.189055573
P00338;P00338-3;P00338-4;P00338-5;P00338-2;F5GYU2;F5GXY2;F5GXH2;F5H5J4;F5H6W8;F5GZQ4;F5H8H6;F5GXC7;F5GWW2;F5GXU1;F5H5G7;F5H155;A0A087WUM2;G3XAP5;F5H245;Q6ZMR3;P07864;Q9BYZ2	L-lactate dehydrogenase A chain	LDHA	0.013188791	0.006256457	0.001261593	0.011554893	0.002882081	0.003486686	0.00881605	0.006196218	0.004461562	0.00690228	0.005974553	0.006491277	0.865591188	0.844934049	0.940453943	0.916509685
P00367;P00367-3;P00367-2;P49448	Glutamate dehydrogenase 1, mitochondrial;Glutamate dehydrogenase 2, mitochondrial	GLUD1;GLUD2	0.00041246	0.0002985	0	0.000467905	9.49941E-05	0	0.000386478	0.000382545	0.000105293	0.000236987	0.000187633	0.000291438	0.791746025	0.806337596	1.229767668	0.741865498
P00374;B4DM58;P00374-2;C9JJ68;Q86XF0	Dihydrofolate reductase	DHFR	0	9.34149E-05	0	0.000740382	0.000725763	0.000364787	0.000521843	0.000326085	0	3.11383E-05	0.000610311	0.000282643	19.60000994	0.010256907	9.077010717	0.18077753
P00390-5;P00390-4;P00390-2;P00390-3;P00390;E5RI06;H0YC68	Glutathione reductase, mitochondrial	GSR	0.000717858	0.000410823	0	0.000618843	3.88011E-05	6.61207E-05	0.000915503	0.000339633	0	0.000376227	0.000241255	0.000418379	0.641248998	0.656056901	1.112038836	0.906928653
P00441;H7BYH4	Superoxide dismutase [Cu-Zn]	SOD1	0.002050742	0.000626934	0.000534585	0.002404349	0.000185734	0.000127627	0.003425578	0.00297126	0.002108251	0.001070754	0.000905903	0.002835029	0.846042683	0.862942778	2.647695545	0.047590952
P00491;G3V5M2;G3V2H3	Purine nucleoside phosphorylase	PNP	0.001065101	0.00090992	0	0.000843224	5.53273E-05	0.000278284	0.000625978	0.000359822	0	0.00065834	0.000392279	0.0003286	0.595859949	0.548615759	0.499134119	0.43281596
P00492;Q9NRG1-2;Q9NRG1	Hypoxanthine-guanine phosphoribosyltransferase	HPRT1	0.004519637	0.001809058	0.000242367	0.005650153	0.001485156	0.001482008	0.003461917	0.002729001	0.001156126	0.002190354	0.002872439	0.002449015	1.311403823	0.733509215	1.118090632	0.864557733
P00505;P00505-2	Aspartate aminotransferase, mitochondrial	GOT2	0.001869678	0.00103888	5.80145E-05	0.002632066	6.45247E-05	0.00059144	0.001934972	0.000866457	0.000451929	0.000988857	0.00109601	0.001084452	1.10836059	0.914905459	1.09667243	0.89576457
P00558;P00558-2;P07205	Phosphoglycerate kinase 1	PGK1	0.007497141	0.004412958	0.000809997	0.008683691	0.001197205	0.00269976	0.006105057	0.00404976	0.000845958	0.004240032	0.004193552	0.003666925	0.989037757	0.988356198	0.864834283	0.827552188
Q5T9B7;P00568;H0Y4J6;H0YID2	Adenylate kinase isoenzyme 1	AK1	0.000444037	0	0	0.000493655	0	0	4.42179E-05	0	0	0.000148012	0.000164552	1.47393E-05	1.111742799	0.944018722	0.099581629	0.42090727
P00918;E5RID5;E5RK37	Carbonic anhydrase 2	CA2	0.005551592	0.003015696	0.000355125	0.004994992	0.002292636	0.001833596	0.005056602	0.002302132	0.001553195	0.002974138	0.003040408	0.002970643	1.022282094	0.972324184	0.998824926	0.998575404
P00966;Q5T6L6;Q5T6L5	Argininosuccinate synthase	ASS1	5.19135E-05	0	0	0.000260049	0	0	0.000151528	0	0	1.73045E-05	8.66832E-05	5.05092E-05	5.009280943	0.476400845	2.918848327	0.567692174
P01009;P01009-3;P01009-2;G3V2B9;G3V5R8;G3V387;G3V544	Alpha-1-antitrypsin;Short peptide from AAT	SERPINA1	0.01652589	0.001870004	0.000164778	0.00182375	0	0.000163595	0.010764479	0	0.000863379	0.006186891	0.000662448	0.003875953	0.107072886	0.350033531	0.626478281	0.729751401
P01023;P20742-2;P20742	Alpha-2-macroglobulin	A2M	3.61249E-05	3.92225E-06	0.000118914	3.3965E-05	6.95905E-06	0	1.71739E-05	0	0	5.2987E-05	1.36413E-05	5.72463E-06	0.25744674	0.333233126	0.108038274	0.245122642
P01024	Complement C3;Complement C3 beta chain;C3-beta-c;Complement C3 alpha chain;C3a anaphylatoxin;Acylation stimulating protein;Complement C3b alpha chain;Complement C3c alpha chain fragment 1;Complement C3dg fragment;Complement C3g fragment;Complement C3d fragment;Complement C3f fragment;Complement C3c alpha chain fragment 2	C3	0.000178214	0	0	2.15043E-05	0	0	5.8362E-05	0	0	5.94047E-05	7.16812E-06	1.9454E-05	0.120665749	0.431936899	0.327482384	0.557509337
P01116-2;P01116	GTPase KRas;GTPase KRas, N-terminally processed	KRAS	0.000143	0	0	0.000294061	3.24581E-05	0	0.000244205	0.000137525	0	4.76667E-05	0.00010884	0.000127243	2.283351273	0.589988407	2.669435876	0.403450993
P01859;P01861	Ig gamma-2 chain C region;Ig gamma-4 chain C region	IGHG2;IGHG4	0.008066392	0.003137737	0.000235146	0.00954888	0.000339467	0.001709136	0.009379598	0.001914406	0.00322096	0.003813092	0.003865828	0.004838321	1.013830187	0.989217967	1.268870918	0.767769277
P01876;A0A075B6N7;P01877	Ig alpha-1 chain C region;Ig alpha-2 chain C region	IGHA1;IGHA2	3.68445E-05	0	0	0	0	0	6.26688E-05	0	9.8813E-05	1.22815E-05	0	5.38273E-05	0	0.373900966	4.382792596	0.255973896
P30480;P01889;Q29836;Q29718;P30460;Q31610;P30495;P30493;P30492;Q95365;P30475;P30462;P18463;Q29865;Q04826;P30479;P30486;Q29940;P30685;P30498;P30491;P30490;P30484;P30466;P30464;P18465;P18464;P10319;P03989;P30504;P04222;Q6DU44;Q2L6I5;P13747;P30488;P30487;P30485;P30483;P30481;P30461;Q31611	HLA class I histocompatibility antigen, B-42 alpha chain;HLA class I histocompatibility antigen, B-7 alpha chain;HLA class I histocompatibility antigen, B-67 alpha chain;HLA class I histocompatibility antigen, B-82 alpha chain;HLA class I histocompatibility antigen, B-8 alpha chain;HLA class I histocompatibility antigen, B-81 alpha chain;HLA class I histocompatibility antigen, B-56 alpha chain;HLA class I histocompatibility antigen, B-55 alpha chain;HLA class I histocompatibility antigen, B-54 alpha chain;HLA class I histocompatibility antigen, B-38 alpha chain;HLA class I histocompatibility antigen, B-39 alpha chain;HLA class I histocompatibility antigen, B-14 alpha chain;HLA class I histocompatibility antigen, B-37 alpha chain;HLA class I histocompatibility antigen, Cw-18 alpha chain;HLA class I histocompatibility antigen, B-40 alpha chain;HLA class I histocompatibility antigen, B-41 alpha chain;HLA class I histocompatibility antigen, B-48 alpha chain;HLA class I histocompatibility antigen, B-59 alpha chain;HLA class I histocompatibility antigen, B-35 alpha chain;HLA class I histocompatibility antigen, B-78 alpha chain;HLA class I histocompatibility antigen, B-53 alpha chain;HLA class I histocompatibility antigen, B-52 alpha chain;HLA class I histocompatibility antigen, B-46 alpha chain;HLA class I histocompatibility antigen, B-18 alpha chain;HLA class I histocompatibility antigen, B-15 alpha chain;HLA class I histocompatibility antigen, B-57 alpha chain;HLA class I histocompatibility antigen, B-51 alpha chain;HLA class I histocompatibility antigen, B-58 alpha chain;HLA class I histocompatibility antigen, B-27 alpha chain;HLA class I histocompatibility antigen, Cw-4 alpha chain;HLA class I histocompatibility antigen, Cw-3 alpha chain	HLA-B;HLA-C	0	0	0	0	0	7.09776E-05	8.16307E-05	0	0	0	2.36592E-05	2.72102E-05	#DIV/0!	0.373900966	#DIV/0!	0.373900966
P10316;P01892	HLA class I histocompatibility antigen, A-69 alpha chain;HLA class I histocompatibility antigen, A-2 alpha chain	HLA-A	0	0	0	0.000110045	2.05234E-05	0	2.75849E-05	0	0	0	4.35229E-05	9.19497E-06	#DIV/0!	0.267130087	#DIV/0!	0.373900966
P02545-2;P02545-6;P02545-3;P02545;Q5TCI8;P02545-5;P02545-4;H0YAB0	Prelamin-A/C;Lamin-A/C	LMNA	3.0093E-05	0	6.02065E-05	6.6208E-05	0	6.9945E-05	0	0	8.81313E-05	3.00998E-05	4.53843E-05	2.93771E-05	1.507794565	0.621413153	0.975989296	0.984121439
Q5VY30;P02753	Retinol-binding protein 4;Plasma retinol-binding protein(1-182);Plasma retinol-binding protein(1-181);Plasma retinol-binding protein(1-179);Plasma retinol-binding protein(1-176)	RBP4	0.000239279	0	0	0	0	0	0	0	0	7.97596E-05	0	0	0	0.373900966	0	0.373900966
P02763	Alpha-1-acid glycoprotein 1	ORM1	0	0.000103907	0	0	0	0	0	0	0	3.46358E-05	0	0	0	0.373900966	0	0.373900966
P02787;C9JVG0;C9JB55;F8WCI6;H7C5E	Serotransferrin	TF	0	2.78329E-05	0.000529282	0	0	0	1.52584E-05	2.25435E-05	8.38682E-05	0.000185705	0	4.05567E-05	0	0.340980658	0.21839336	0.449521076
P02794;G3V1D1;G3V192;E9PPQ4;E9PRK8;E9PKY7;E9PQR3;E9PKM5;E9PK45	Ferritin heavy chain;Ferritin heavy chain, N-terminally processed;Ferritin	FTH1	0.001049634	0.000611046	0.00017258	0.003667427	0.000406497	0.002162491	0.002224752	0.001943634	0.001132521	0.000611087	0.002078805	0.001766969	3.401817514	0.206952975	2.891519814	0.049180473
P04003	C4b-binding protein alpha chain	C4BPA	0	0	0	0	0	0	2.19869E-05	0	0	0	0	7.32896E-06	#DIV/0!	#DIV/0!	#DIV/0!	0.373900966
P04035-2;P04035;P04035-3;H0Y8F6;H0Y8K6	3-hydroxy-3-methylglutaryl-coenzyme A reductase	HMGCR	0	0	0	4.03733E-05	0.000246427	0.000122395	0.000109959	7.77875E-05	0	0	0.000136398	6.2582E-05	#DIV/0!	0.085034068	#DIV/0!	0.127662486
P04040	Catalase	CAT	0	0	0	0	0	1.37837E-05	0	0	4.86259E-05	0	4.59455E-06	1.62086E-05	#DIV/0!	0.373900966	#DIV/0!	0.373900966
P04075;P04075-2;H3BQN4;J3KPS3;H3BPS8;H3BUH7;H3BR04;H3BMQ8;H3BR68;H3BU78;Q5T7D5;A0A087WXX2;P05062	Fructose-bisphosphate aldolase A;Fructose-bisphosphate aldolase	ALDOA	0.028230547	0.019327469	0.002001753	0.028288832	0.011035452	0.010070036	0.019489964	0.021082351	0.009566687	0.016519923	0.016464773	0.016713001	0.99666164	0.995741312	1.011687578	0.982968901
P04181;P04181-2	Ornithine aminotransferase, mitochondrial;Ornithine aminotransferase, hepatic form;Ornithine aminotransferase, renal form	OAT	0.000985234	0.000864128	0	0.001181709	0.000364153	0.000273964	0.000811169	0.000909076	0.000215771	0.000616454	0.000606609	0.000645339	0.98402935	0.982578091	1.046856425	0.942812907
P04350;M0R2D3;M0R0X0;M0QY85;M0QY37;M0QX14;M0QYM7;M0R042;M0QZL7;M0R278;M0R2T4;A0A075B724	Tubulin beta-4A chain	TUBB4A	0	0	0	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
P04406;P04406-2;E7EUT5;O14556	Glyceraldehyde-3-phosphate dehydrogenase	GAPDH	0.013308656	0.013166248	0.000566168	0.021833049	0.005247004	0.004894131	0.013805935	0.013339489	0.00426617	0.009013691	0.010658061	0.010470532	1.182430336	0.825939475	1.161625328	0.794867534
P19961;P04746;P04745;P19961-2;Q5T085;A0A087WZK1;CON__Q3MHH8;P04746-2	Alpha-amylase 2B;Pancreatic alpha-amylase;Alpha-amylase 1	AMY2B;AMY2A;AMY1A	9.19007E-05	0	0	0	0	0	0	0	0	3.06336E-05	0	0	0	0.373900966	0	0.373900966
P04792;F8WE04;C9J3N8	Heat shock protein beta-1	HSPB1	0.000153251	0.000406316	4.8886E-05	0.002681998	0	0.00039313	0.001632501	0.000939246	6.53026E-05	0.000202817	0.001025043	0.000879017	5.054015869	0.384571451	4.334027879	0.220111312
P04843;B7Z4L4;F8WF32	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 1	RPN1	0.000116366	4.56749E-05	0	0	0	3.99302E-05	6.75207E-05	4.10561E-05	0	5.40135E-05	1.33101E-05	3.61923E-05	0.246421284	0.325769352	0.670059853	0.672468455
P04844-2;P04844;Q5JYR4;Q5JYR7	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 2	RPN2	0.000245165	0.00011164	0	0.000188987	0	0	8.54294E-05	0	6.35741E-05	0.000118935	6.29957E-05	4.96678E-05	0.529665165	0.58693223	0.417605016	0.410010548
P04899;P04899-4;P04899-6;P04899-3;P04899-5;P04899-2	Guanine nucleotide-binding protein G(i) subunit alpha-2	GNAI2	0.00468719	0.000282238	0.00015704	0.002067163	0.000518815	0.000430637	0.001684455	0.000422876	0.000217913	0.001708823	0.001005538	0.000775082	0.588439067	0.67955647	0.453576343	0.58139036
Q99878;Q96KK5;Q9BTM1;Q16777;Q93077;Q7L7L0;Q6FI13;P20671;P0C0S8;P04908;Q96QV6;P16104;Q9BTM1-2;H0YFX9;C9J0D1;Q71UI9-2;Q71UI9;P0C0S5;C9J386;Q71UI9-5;Q71UI9-3;Q71UI9-4;Q8IUE6	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 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;Histone H2A;Histone H2A.V;Histone H2A.Z	HIST1H2AJ;HIST1H2AH;H2AFJ;HIST2H2AC;HIST1H2AC;HIST3H2A;HIST2H2AA3;HIST1H2AD;HIST1H2AG;HIST1H2AB;HIST1H2AA;H2AFX;H2AFV;H2AFZ	0.017825286	0.019050442	0	0.012209607	0.005593585	0.002084937	0.003880391	0.009915565	0.001145741	0.012291909	0.006629376	0.004980565	0.539328459	0.453939764	0.405190552	0.335154224
P05023-4;P05023;P05023-3;P05023-2;M0R116;P13637;P13637-2;P13637-3;Q13733;Q5TC01;M0QXF2;E9PRA5;Q5TC02	Sodium/potassium-transporting ATPase subunit alpha-1;Sodium/potassium-transporting ATPase subunit alpha-3	ATP1A1;ATP1A3	0.001577792	0.000669251	1.90752E-05	0.00207444	0.001422411	0.000296492	0.000796775	0.000621663	0.000233312	0.000755373	0.001264448	0.000550583	1.673938724	0.500686797	0.728889692	0.692612886
P05091;P05091-2;S4R3S4;F8VP50;P00352;Q5SYQ7;Q5SYQ9;Q5SYQ8;H0Y2X5;H0YMG7;O94788-4;O94788-2;O94788-3;P47895;O94788	Aldehyde dehydrogenase, mitochondrial	ALDH2	0.000464681	5.66871E-05	0	0.000321759	0	0	0.00055682	8.89718E-05	0	0.000173789	0.000107253	0.000215264	0.617144415	0.732428161	1.238648707	0.863545418
P05109	Protein S100-A8;Protein S100-A8, N-terminally processed	S100A8	0.000485496	0.00045657	0.000295258	0.000402748	0	0.001411434	0.000645653	0.000210052	0.000640318	0.000412441	0.000604727	0.000498674	1.466214133	0.673647474	1.209080147	0.609815474
P05141;Q9H0C2	ADP/ATP translocase 2;ADP/ATP translocase 2, N-terminally processed	SLC25A5	0.004238234	0.000771586	0	0.006418166	0.049675677	0.002680295	0.00523461	0.002287327	0.002813711	0.00166994	0.019591379	0.003445216	11.73178579	0.301982351	2.063077694	0.326242896
P05198;H0YJS4;G3V4T5	Eukaryotic translation initiation factor 2 subunit 1	EIF2S1	0.00120389	0.001378035	0	0.000807958	0.000233981	0.00010522	0.000451633	0.000336493	0.00012143	0.000860642	0.000382386	0.000303185	0.444303729	0.379124625	0.352278344	0.277553822
P05204;A0A087WZE9;Q15651-2;Q15651	Non-histone chromosomal protein HMG-17;High mobility group nucleosome-binding domain-containing protein 3	HMGN2;HMGN3	0.000752142	9.93507E-05	0	0	0.001245206	0	0	0	0	0.000283831	0.000415069	0	1.4623813	0.797016466	0	0.29525607
P05386	60S acidic ribosomal protein P1	RPLP1	0.083918319	0.051580846	0	0.032901385	0.001323694	0	0.010013838	0.000123684	0	0.045166388	0.01140836	0.003379174	0.252585164	0.274727082	0.074816126	0.165420327
P05387;P05386-2	60S acidic ribosomal protein P2	RPLP2	0.272144879	0.187629333	0.006577131	0.132982587	0.297722622	0.029314462	0.087445065	0.096244053	0.022378519	0.155450448	0.15333989	0.068689212	0.986422958	0.985695347	0.441872079	0.348242699
P05388;F8VWS0;P05388-2;F8VU65;G3V210;F8VW21;Q8NHW5;F8VQY6;F8VPE8;F8VRK7;F8VZS0;F8VWV4;F8VS58;F8W1K8;F8VYN4	60S acidic ribosomal protein P0;60S acidic ribosomal protein P0-like	RPLP0;RPLP0P6	0.149227505	0.100909541	0.002304223	0.059148154	0.133766603	0.010945269	0.045154825	0.04422794	0.010785154	0.08414709	0.067953342	0.033389306	0.807554271	0.7871308	0.396796921	0.319456845
P05412	Transcription factor AP-1	JUN	0	0	0	0.00037337	0	0.000524854	0.000277794	0.000440014	0.000214671	0	0.000299408	0.000310826	#DIV/0!	0.127304838	#DIV/0!	0.009797891
P05455;E7ERC4;E9PGX9;E9PFL9	Lupus La protein	SSB	0.01770628	0.008148474	0.001441618	0.018423118	0.008166229	0.004734372	0.016371286	0.006768891	0.00457258	0.009098791	0.01044124	0.009237586	1.147541483	0.840670426	1.015254217	0.982504998
P05556;P05556-2;P05556-5;P05556-4;P05556-3;C9JPK5;E7ERX5;Q5T3E6;E9PLR6;E7EUI6;E7EQW5	Integrin beta-1	ITGB1	5.86565E-05	0	0	6.2153E-05	0	0	1.6478E-05	0	0	1.95522E-05	2.07177E-05	5.49268E-06	1.059610847	0.969325101	0.280924396	0.526851837
P05976-2;P05976;P08590	Myosin light chain 1/3, skeletal muscle isoform;Myosin light chain 3	MYL1;MYL3	0.000955504	0	0.000487563	0.001104438	0	0	0	0.001033772	0.000530393	0.000481022	0.000368146	0.000521389	0.765340609	0.818245329	1.083917579	0.92566006
P06576;H0YH81;F8W079;F8W0P7;H0YI37	ATP synthase subunit beta, mitochondrial;ATP synthase subunit beta	ATP5B	0.001825169	0.001045992	2.89837E-05	0.002495929	0.000397697	0.000718607	0.001845542	0.001115086	0.000958445	0.000966715	0.001204077	0.001306358	1.245535106	0.790169971	1.351337066	0.594170635
P06733;P06733-2;K7EM90;P13929-3;P13929-2;P13929;E5RGZ4;E5RI09;E5RG95;K7EPM1;K7EKN2;K7ERS8;U3KQP4	Alpha-enolase	ENO1	0.065805401	0.025507407	0.006967681	0.069136794	0.018617664	0.017874961	0.053311367	0.037987532	0.024478982	0.032760163	0.035209807	0.038592627	1.074775081	0.924486882	1.178035268	0.777133656
P06737-2;P06737;E9PK47	Glycogen phosphorylase, liver form;Alpha-1,4 glucan phosphorylase	PYGL	0.000236443	0.000223194	4.4971E-05	0.000509933	7.36049E-05	9.37213E-05	0.000225098	0.000173556	1.49936E-05	0.000168203	0.000225753	0.000137883	1.3421506	0.72929835	0.819741759	0.748775477
P06744;K7EQ48;P06744-2;K7EPY4;K7EP41;K7ENA0;K7ELR7;K7ERC6;K7ERK8;K7EIL4;K7ESF4	Glucose-6-phosphate isomerase	GPI	0.003825795	0.001644489	0.000131352	0.004496567	0.00075345	0.000683498	0.003541126	0.002073579	0.000285627	0.001867212	0.001977838	0.001966777	1.05924662	0.949888338	1.053322918	0.947717599
P06748;P06748-2;P06748-3;E5RI98;E5RGW4	Nucleophosmin	NPM1	0.098624325	0.092131543	0.016050037	0.060466986	0.179230733	0.055094287	0.091808659	0.04224725	0.066235116	0.068935302	0.098264002	0.066763675	1.425452556	0.577356744	0.968497611	0.9459923

P06753-2;Q5VU59;A0A087WWU8;P06753-3;P06753-6;P06753-5;Q5VU61;P06753-4;D6R904;D6RFM2	Tropomyosin alpha-3 chain	TPM3;DKFZp686J1372	0.042163231	0.005539633	0.026940191	0.067128319	0.021470887	0.041242972	0.054412912	0.059488004	0.036513004	0.024881018	0.043280726	0.050137973	1.739507845	0.338945006	2.015109418	0.117703603
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	0.00037418	0.00085414	0	0	0	0	0	0	0	0.00040944	0	0	0	0.172998004	0	0.172998004
P07195;A8MW50;C9J7H8;F5H793	L-lactate dehydrogenase B chain;L-lactate dehydrogenase	LDHB	0.045617402	0.029310906	0.004444071	0.062618764	0.0270339	0.018382724	0.047110919	0.037289916	0.023025499	0.02645746	0.036011796	0.035808778	1.361120702	0.624964745	1.353447316	0.536952363
P07196;A0A087X0W2	Neurofilament light polypeptide	NEFL	0.002418135	0.000225619	0.000781596	0.00294263	0.002186261	0.001675689	0.002398926	0.002944118	0.001673163	0.001141783	0.002268193	0.002338736	1.986535726	0.209485716	2.048318413	0.187607024
P07237;H7BZ94;F5H8J2;H0Y3Z3;I3L398;I3L312;I3L4M2;I3NI03;I3L0S0;I3L3U6;I3L514;I3L3P5;I3L1Y5	Protein disulfide-isomerase	P4HB	0.006824136	0.003000422	0.016765142	0.018373186	0.005541298	0.022428448	0.01395612	0.01235206	0.016840253	0.008863234	0.015447644	0.014382811	1.742890315	0.37080063	1.622749846	0.269276124
P07305-2;P07305	Histone H1.0;Histone H1.0, N-terminally processed	H1F0	0.000246432	0.000103314	5.27231E-05	0	0	0	0	0	0	0.000134156	0	0	0	0.081781235	0	0.081781235
P07339;H7C1V0;H7C469;F8WD96;C9JH19;F8W787	Cathepsin D;Cathepsin D light chain;Cathepsin D heavy chain	CTSD	0.001525979	0.000214703	0	0.001755233	0.000592188	0.00050273	0.000921522	0.000642479	0.000490563	0.000580227	0.00095005	0.000684855	1.637376241	0.585667575	1.180321619	0.842411386
P07355;P07355-2;H0YN42;H0YMD0;H0YMU9;A6NMY6;H0YM50;H0YKS4;H0YN28;H0YL33;H0YNP5;H0YMM1;H0YKZ7;H0YLV6;H0YMT9;H0YKX9;H0YKL9;H0YMW4;H0YNA0;H0YKV8;H0YMD9;H0YNB8;H0YN52;H0YKN4;H0YLE2	Annexin A2;Annexin;Putative annexin A2-like protein	ANXA2;ANXA2P2	0.006022459	0.001426822	0.002932073	0.014279882	0.003046085	0.013006468	0.00769009	0.005907751	0.005212728	0.003460451	0.010110812	0.006270189	2.921818685	0.155026562	1.811957067	0.142288228
Q5JP53;P07437;Q5ST81;I3L2F9;A6NNZ2;G3V2A3;CON__ENSEMBL:ENSBTAP00000025008;Q9H4B7;G3V5W4;G3V2R8;G3V3R4;G3V2N6	Tubulin beta chain	TUBB	0.012711909	0.005047723	0.004778054	0.010735381	0.015160996	0.005956421	0.011299636	0.005673343	0.01169721	0.007512562	0.010617599	0.00955673	1.413312725	0.450689773	1.27209998	0.563236549
P07737;K7EJ44;I3L3D5;CON__P02584	Profilin-1	PFN1	0.009765767	0.009158947	0.000744591	0.016424271	0.005529583	0.00248208	0.013618275	0.013414859	0.001725836	0.006556435	0.008145311	0.009586323	1.242338439	0.772516373	1.462124355	0.56916733
P07741;H3BQZ9;P07741-2;H3BQB1;H3BQF1;H3BSW3	Adenine phosphoribosyltransferase	APRT	0.003507015	0.001296335	0	0.003899175	0.000940826	0.001004938	0.001763494	0.002003481	0.00073798	0.001601117	0.001948313	0.001501652	1.216846561	0.818145501	0.937877753	0.931982415
P07814;V9GYZ6;V9GZ76	Bifunctional glutamate/proline--tRNA ligase;Glutamate--tRNA ligase;Proline--tRNA ligase	EPRS	0.000696054	0.000293229	0.000116722	0.000443656	0.000320123	0.000213856	0.000242189	0.000342751	0.000185233	0.000368668	0.000325878	0.000256725	0.883933978	0.827384088	0.696356407	0.562529013
P07900;P07900-2;G3V2J8;Q14568;Q58FG0	Heat shock protein HSP 90-alpha	HSP90AA1	0.019749998	0.012735584	0.004131065	0.026922979	0.007815362	0.01232494	0.028716822	0.020589758	0.010818972	0.012205549	0.01568776	0.020041851	1.285297379	0.659295888	1.642027774	0.317545375
P07948;P07948-2;E5RJ37	Tyrosine-protein kinase Lyn	LYN	0.000466872	0	0	8.0039E-05	0	0	3.64333E-05	0	0	0.000155624	2.66797E-05	1.21444E-05	0.171436818	0.459972905	0.078037112	0.410020331
P07954-2;P07954	Fumarate hydratase, mitochondrial	FH	0.000247162	0.000180262	0	0.000454874	0	5.57827E-05	0.000169592	0.000178518	0	0.000142475	0.000170219	0.000116037	1.194730046	0.871656124	0.814437584	0.792288165
P08107;P08107-2;V9GZ37	Heat shock 70 kDa protein 1A	HSPA1A	0.467129414	0.370017624	0.534019157	0.941856435	0.637417848	0.998078023	0.812616502	0.830902955	1.040666741	0.457055398	0.859117435	0.894728733	1.879679002	0.029851059	1.957593622	0.007415828
P08133;P08133-2;E7EMC6;E5RJF5;E5RK63;E5RI05;E5RFF0;E5RJR0;E5RIU8	Annexin A6;Annexin	ANXA6	0.002353047	0.002311599	0.000717722	0.015513852	0.004260691	0.002545224	0.003651565	0.005423009	0.001287093	0.001794123	0.007439922	0.003453889	4.146830328	0.240803191	1.925113052	0.274967229
P08237-2;P08237;P08237-[illegible]W30;F8VSL1;F8VU[illegible]8VZI0;F8VX13;F8V[illegible];F8VP00	ATP-dependent 6-phosphofructokinase, muscle type	PFKM	3.62087E-05	0	0	0.000266341	0.000179219	0.000445117	3.16808E-05	0	0	1.20696E-05	0.000296893	1.05603E-05	24.59848694	0.022823718	0.874950353	0.929546116
P08238;[illegible]W8;Q58FF8;Q58F[illegible]	Heat shock protein HSP 90-beta	HSP90AB1	0.062952702	0.046964236	0.016800732	0.088587885	0.036246729	0.037620503	0.077181959	0.065652145	0.055447571	0.042239224	0.054151706	0.066093892	1.282024176	0.61540865	1.564751583	0.185015712
P08243-[illegible]T45;C9JLN6;C9JM[illegible]	Asparagine synthetase [glutamine-hydrolyzing]	ASNS	0.001294348	0.00014404	5.89997E-05	0.00101259	0	0.000351707	0.001593294	0.000376645	0.000112227	0.000499129	0.000454766	0.000694055	0.911117963	0.933135019	1.390532665	0.763645664
P08559-[illegible]8559-2;P08559-[illegible]JPU0;Q5JPT9;Q5J[illegible]	Pyruvate dehydrogenase E1 component subunit alpha, somatic form, mitochondrial	PDHA1	0.000402664	0.000200612	0	0.000421086	0	0.000471514	0.000303606	0.000633978	0.000165393	0.000201092	0.000297533	0.000367659	1.479587011	0.637342047	1.828311022	0.409995353
P08579	U2 small nuclear ribonucleoprotein B	SNRPB2	0.003465986	0.00593915	5.54195E-05	0.002258584	0.00377382	0.001264731	0.001850936	0.004537194	0.001197937	0.003153518	0.002432378	0.002528689	0.771321981	0.717280102	0.801862758	0.769036394
P08621;P08621-2;P08621-3;M0QYR1;P08621-4;M0QX04	U1 small nuclear ribonucleoprotein 70 kDa	SNRNP70	0.011018978	0.007465341	3.67523E-05	0.000675627	0.010892591	0	0.000427445	0.002047401	0	0.006173691	0.003856073	0.000824949	0.624597632	0.653378663	0.133623263	0.179843814
P08670;[illegible]C5;Q5JVS8;H7C5W[illegible]ELP4;K7EKH6;F8W[illegible]61726;A0A087X10[illegible]_Q6NT21;CON__[illegible];CON__P78386;O[illegible];P78386	Vimentin	VIM	0.014961202	0.000465015	0.009671599	0.020331954	0.012048337	0.013490017	0.015177472	0.010113858	0.013369314	0.008365939	0.015290103	0.012886881	1.827661358	0.234138839	1.540398718	0.370660263
P08697-2;P08697	Alpha-2-antiplasmin	SERPINF2	6.84175E-05	0	0	0	0	0	0	0	0	2.28058E-05	0	0	0	0.373900966	0	0.373900966
P08754;[illegible]88;P09471-[illegible]A087WTB6;A2A2R[illegible]3BTM2;A0A087W[illegible];P38405-2	Guanine nucleotide-binding protein G(k) subunit alpha	GNAI3	0.001963185	4.81248E-05	0	0.000660446	0.000108452	0.000133008	0.000346419	6.12175E-05	0	0.000670437	0.000300635	0.000135879	0.448417104	0.610951068	0.202672052	0.460418973
[illegible]8758;D6RBL5;E9PHT9;D6RBE9;D6RC[illegible]3	Annexin A5;Annexin	ANXA5	0.002040797	0.001198087	0.000112149	0.001871263	0.000153747	0.000395077	0.002316907	0.001716135	0.000632462	0.001117011	0.000806696	0.001555168	0.722191422	0.70913265	1.392257973	0.587891132
[illegible]9012;M0R268;M0R221;M0R2B8;M0[illegible]ZG7;M0QXK2;M0R0G9	U1 small nuclear ribonucleoprotein A	SNRPA	0.007601325	0.005135473	0.001159795	0.008906929	0.003553528	0.002172959	0.003578034	0.005540549	0.003709713	0.004632198	0.004877805	0.004276099	1.053021835	0.933889043	0.923125229	0.866046448
[illegible]9132;A0A087WWU9;A0A087WYR0;P[illegible]132-2	Signal recognition particle 19 kDa protein	SRP19	0.000704947	0.000543331	0	0.000329394	0.001147061	8.53037E-05	0.00023206	0.0002019	0.000440827	0.000416093	0.000520586	0.000291596	1.251129835	0.799714231	0.700794857	0.611133385
[illegible]9234;Q5TAL2	U1 small nuclear ribonucleoprotein C	SNRPC	0.00266345	0.001347158	0	0.000302503	0.002643817	0	0	0.000297485	0	0.001336869	0.000982107	9.91616E-05	0.734631822	0.770305586	0.074174523	0.185610085
[illegible]5T7C4;P09429;Q5T7C6;B2RPK0	High mobility group protein B1;Putative high mobility group protein B1-like 1	HMGB1;HMGB1P1	0.015454409	0.009708358	0.002141639	0.013755036	0.002686704	0.005143621	0.009571233	0.00898713	0.001427795	0.009101469	0.00719512	0.006662053	0.790544951	0.728080798	0.731975568	0.628481421
[illegible]9496-2;P09496-4;P09496-[illegible]P09496;F8WF69;P09496-5;C9J8P9	Clathrin light chain A	CLTA	0.001115216	0.000763964	0.00067869	0.004204588	0.003120087	0.000593173	0.001604707	0.000894698	0.000581154	0.000852624	0.002639283	0.001026853	3.09548456	0.172842164	1.204345042	0.626396557
[illegible]9497-2;P09497;D6RJD1;H0Y9Q6	Clathrin light chain B	CLTB	0.00126726	0.000356391	0.000262119	0.001313727	0.001971169	0.002903435	0.001625687	0.001074867	0.000820817	0.00062859	0.002062777	0.00117379	3.281594469	0.063058555	1.867338671	0.243512972
[illegible]6P452;P09525;P09525-2	Annexin;Annexin A4	ANXA4	0	0	0	0	0	0	4.41129E-05	0	0	0	0	1.47043E-05	#DIV/0!	#DIV/0!	#DIV/0!	0.373900966
[illegible]9601;B1AHA8	Heme oxygenase 1	HMOX1	0	0	0	0	0	0	0.000169942	0	0	0	0	5.66472E-05	#DIV/0!	#DIV/0!	#DIV/0!	0.373900966
[illegible]9622;E9PEX6;P09622-3;P09622-[illegible]8WDM5;F2Z2E3	Dihydrolipoyl dehydrogenase, mitochondrial;Dihydrolipoyl dehydrogenase	DLD	0.001109287	0.000418789	0.000287338	0.044302899	0.000201634	0.000920359	0.00116318	0.000940121	0.000928897	0.000605138	0.015141631	0.001010733	25.02176615	0.375311738	1.67025094	0.202115427
[illegible]9661;H0YMA0;H0YLR3;H0YKK0	U2 small nuclear ribonucleoprotein A	SNRPA1	0.008649391	0.007518201	0.00025922	0.00508478	0.010582868	0.002413238	0.003739007	0.005483349	0.001799313	0.005475604	0.006026962	0.00367389	1.100693555	0.884508004	0.670956092	0.559722442
[illegible]9874;Q5VX84;Q5VX85	Poly [ADP-ribose] polymerase 1	PARP1	0.005155265	0.003361904	4.3835E-05	0.001430518	0.001972398	0.000636235	0.001214737	0.001389332	0.000463714	0.002853668	0.001346384	0.001022594	0.471808104	0.384987799	0.358343867	0.295819921
[illegible]9936;D6RE83;D6R956;D6R974;D6RF[illegible]	Ubiquitin carboxyl-terminal hydrolase isozyme L1;Ubiquitin carboxyl-terminal hydrolase	UCHL1	0.013018875	0.005971944	0.000532275	0.01836423	0.002545528	0.002948538	0.013264531	0.006652024	0.004597516	0.006507698	0.007952765	0.008171357	1.222055113	0.830842316	1.255644843	0.728125042
[illegible]9960;P09960-4;P09960-2;P09960-[illegible]4DEH5	Leukotriene A-4 hydrolase	LTA4H	0.00140953	0.000609339	0	0.001624268	9.41941E-05	0	0.001243099	0.000364308	9.18854E-05	0.000672956	0.000572821	0.000566431	0.851200696	0.887781032	0.841705504	0.852141603
[illegible]9972;K7EKH5;C9J8F3;J3KSV6;J3QKP5;[illegible]MVZ9	Fructose-bisphosphate aldolase C	ALDOC	0.001906582	0.000925972	0.000286985	0.002770666	1.31064E-05	0.000161038	0.001216355	0.001533476	0.000119145	0.001039847	0.000981604	0.000956325	0.943989055	0.95685931	0.91967931	0.901972777
[illegible]C221	Coiled-coil domain-containing protein 175	CCDC175	1.80199E-05	0	0	0	0	0	0	0	0	6.00663E-06	0	0	0	0.373900966	0	0.373900966
[illegible]CG38	POTE ankyrin domain family member I	POTEI	0	0	0	0	0	0	0	0.000229316	0	0	0	7.64386E-05	#DIV/0!	#DIV/0!	#DIV/0!	0.373900966
[illegible]CG39	POTE ankyrin domain family member J	POTEJ	5.46825E-05	0	2.78901E-05	0.000109824	1.17695E-05	1.29856E-05	0.000268456	0.000148969	0	2.75242E-05	4.48595E-05	0.000139142	1.629823311	0.656307727	5.055256025	0.231735489
[illegible]0155;P10155-3;P10155-5;P10155-[illegible]10155-[illegible]H0Y9N5;G5E9R9;D6RE09;D6RDN1	60 kDa SS-A/Ro ribonucleoprotein	TROVE2	0.003552125	0.00095402	1.05647E-05	0.0013455	0.001378639	0.000367232	0.001477944	0.001225359	0.000359152	0.00150557	0.001030457	0.001020818	0.684429682	0.690579303	0.678027815	0.685324321
[illegible]0253;I3L0S5;I3L3L3	Lysosomal alpha-glucosidase;76 kDa lysosomal alpha-glucosidase;70 kDa lysosomal alpha-glucosidase	GAA	6.90662E-05	0	0	1.72057E-05	0	0	2.06809E-05	0	0	2.30221E-05	5.73524E-06	6.89365E-06	0.249119072	0.506605086	0.299436274	0.538906089
[illegible]0412;P16402;P22492;Q02539	Histone H1.4;Histone H1.3	HIST1H1E;HIST1H1D	5.2472E-05	0	0	0	0.000165093	0	0	0	0	1.74907E-05	5.50311E-05	0	3.146307798	0.55106492	0	0.373900966
[illegible]0599;P10599-2	Thioredoxin	TXN	0.010303226	0.007898252	0.010909952	0.013592701	0.009740844	0.01786689	0.018869351	0.015719683	0.017505678	0.00970381	0.013733478	0.017364904	1.415266639	0.185131948	1.789493409	0.004089853
[illegible]0606	Cytochrome c oxidase subunit 5B, mitochondrial	COX5B	0.001302059	4.14956E-05	0	0.001369033	0	0	0.000434486	0.00020269	0.00029388	0.000447852	0.000456344	0.000310352	1.018962869	0.989811757	0.692979398	0.766482339
[illegible]R5C5;X6R8A1;P10619-2;P10619	Carboxypeptidase;Lysosomal protective protein;Lysosomal protective protein 32 kDa chain;Lysosomal protective protein 20 kDa chain	CTSA	0	0	0	0.000105383	0	0	0	0	0	0	3.51278E-05	0	#DIV/0!	0.373900966	#DIV/0!	#DIV/0!
[illegible]0636-5;P10636-8;P10636;P10636-[illegible]3L170;P10636-3;P10636-2;P10636-[illegible]10636-6;P10636-7	Microtubule-associated protein tau;Microtubule-associated protein	MAPT	0	0.000113347	7.53288E-05	8.96134E-05	0.000139718	0.000179445	9.78246E-05	9.44114E-05	0.000160126	6.2892E-05	0.000136259	0.000117454	2.166552703	0.157456156	1.86754792	0.239985363
[illegible]0644;P10644-[illegible]7EPB2;K7EM13;K7EIE5;K7EID3;K7EJ4[illegible]7EK41;K7EMU2;K7EMZ6;K7EKR1;K7E[illegible]5;K7EQK3;X6RAV4;H7BYW5;C9JSK5;[illegible]1321	cAMP-dependent protein kinase type I-alpha regulatory subunit;cAMP-dependent protein kinase type I-alpha regulatory subunit, N-terminally processed	PRKAR1A	0.000127645	2.27491E-05	4.44643E-05	0.001845581	0.000137284	0.000454779	0.001993399	0.000739046	0.000291332	6.49529E-05	0.000812548	0.001007926	12.50979668	0.227961302	15.51778882	0.138391056
[illegible]0768;X6RA14;H7BZT7;U3KQT1	S-formylglutathione hydrolase	ESD	0.0012751	2.37284E-05	0	0.00080751	0	0	0.000272022	0.000411212	0.000234976	0.000432943	0.00026917	0.00030607	0.621721785	0.759592237	0.706952032	0.77993752
[illegible]0809;E7ESH4;E7EXB4;P10809-[illegible]C9JL25;C9JL19;C9JCQ4	60 kDa heat shock protein, mitochondrial	HSPD1	0.006258967	0.002424207	0.000942011	0.006752688	0.003830393	0.004132843	0.007400508	0.004606283	0.003692975	0.003208395	0.004905308	0.005233255	1.528897769	0.407636518	1.631113138	0.354943833
[illegible]1021;REV__H3BUZ0;REV__Q9NXD2-[illegible]REV__Q9NXD2	78 kDa glucose-regulated protein	HSPA5	0.045411183	0.037482441	0.12943312	0.085614356	0.058204487	0.221331428	0.0784141	0.074743581	0.230333556	0.070775581	0.121716757	0.127830412	1.71975637	0.432177209	1.806137228	0.389043801
[illegible]1047	Laminin subunit gamma-1	LAMC1	0	0	0	1.65107E-05	0	0	0	2.72923E-05	0	0	5.50357E-06	9.09742E-06	#DIV/0!	0.373900966	#DIV/0!	0.373900966
[illegible]1142;E9PKE3;E9PNE6;P11142-[illegible]A8K7Q2;E9PS65;E9PLF4;E9PQQ4;E9P[illegible]K7;E9PK54;E9PPY6;E9PM13;E9PN25;E[illegible]I65	Heat shock cognate 71 kDa protein	HSPA8	0.180012163	0.181055568	0.172120241	0.369698355	0.186779516	0.242581979	0.318227243	0.273931939	0.255676429	0.177729324	0.266353283	0.28261187	1.498645678	0.177353701	1.590125164	0.005045474
[illegible]1171-2;P11171;P11171-4;P11171-[illegible]P11171-5;P11171-7;P11171-[illegible]Q4VXN1	Protein 4.1	EPB41	0.00153208	0.000670839	0.000325851	0.002845676	0.000927112	0.000702227	0.001525242	0.001029062	0.000598644	0.000842923	0.001491672	0.001050983	1.769641434	0.446317216	1.246830821	0.666207912
[illegible]1177-3;P11177-[illegible]P11177;C9J634;F8WF02	Pyruvate dehydrogenase E1 component subunit beta, mitochondrial	PDHB	0.000342474	8.08049E-05	0.000148496	0.000426997	0.00059656	0.000494636	0.000484708	0.000574109	0.000187463	0.000190592	0.000506064	0.000415427	2.655224511	0.027120054	2.17966735	0.185381311
[illegible]1216	Glycogen phosphorylase, brain form	PYGB	4.11064E-05	0	0	0	0	0	0	0	0	1.37021E-05	0	0	0	0.373900966	0	0.373900966
[illegible]1387;E5RJ95;E5RFS0;E5RIC7;Q969P6-[illegible]Q969P6;E5RJ33;H0YBR3;H0YC03;E5R[illegible]7;E5RGR4;E5RFE3;E5RGR2	DNA topoisomerase 1	TOP1	0.000824769	0.000513727	0.000226849	0.000228568	0.000738306	0.000252742	0.000267647	0.000479314	0.000110021	0.000521782	0.000406539	0.00028566	0.779135377	0.655564709	0.547471019	0.309655892
[illegible]1441;Q5HYB1;F8WB70	Ubiquitin-like protein 4A	UBL4A	0.000109133	0	0	0.006076031	0.005827592	0.002744626	0.003744685	0.005317357	0.003303148	3.63776E-05	0.004882749	0.00412173	134.22393	0.010654074	113.3039492	0.002622913
[illegible]1766;D6RFE4;H0YAG8;D6RAY0;D6R9[illegible]	Alcohol dehydrogenase class-3	ADH5	0.00036243	8.50202E-05	0	0.000372923	3.06009E-05	0.000118882	0.00047074	0.00029163	0	0.00014915	0.000174135	0.000254123	1.167515003	0.875800756	1.703809815	0.581921834
[illegible]1802;F8VYH9;F8VTV8;F8VWX7;F8VZ[illegible];F8VZ51;Q96BE9;F8W1L8;F8VXD2;P1[illegible]02-2;F8VVY1;REV__Q8IZS6	Cyclin-dependent kinase 4	CDK4	0.000483756	0.001921816	4.03702E-05	0.001082606	0	0.000175951	0.000341394	0.000519376	0.014494184	0.000815314	0.000419519	0.005118318	0.51454922	0.580766769	6.277726956	0.413747744
[illegible]1926	Ornithine decarboxylase	ODC1	0	0	0	7.10423E-05	9.27826E-05	0	0.000110362	7.27315E-05	8.81347E-05	0	5.46083E-05	9.04093E-05	#DIV/0!	0.123073862	#DIV/0!	0.001162615
[illegible]1940;A0A087WTT1;E7EQV3;E7ERJ7;P[illegible]940-[illegible]H0YAR2;Q9H361;H0YBN4;H0YAP2;Q[illegible]XU2;E5RGH3;E5RH24;E5RJB9;H0YB8[illegible]Q4VXU2-2;H0YAS7;H0YAS6;H0YB75;H0YC10;E5RHG7;H0YEQ8;E5RGC4;E5RFD8;Q5JQF8;Q96DU9-2;Q96DU9	Polyadenylate-binding protein 1;Polyadenylate-binding protein;Polyadenylate-binding protein 3	PABPC1;PABPC3	0.004532526	0.00267997	0.00015812	0.003208187	0.001652646	0.000673433	0.002295614	0.00161701	0.000147876	0.002456872	0.001844755	0.0013535	0.750855371	0.697887153	0.550903863	0.479763484
P12004	Proliferating cell nuclear antigen	PCNA	0.008780426	0.002321183	0.0014032	0.008961116	0.004467839	0.011219921	0.00882769	0.006331031	0.006711301	0.00416827	0.008216292	0.007290007	1.971151742	0.255630248	1.748928959	0.271217428
P12081-4;P12081;P12081-3;P12081-2;B4DDD8;B4E1C5;B3KWE1;E7ETE2;D6RF05	Histidine--tRNA ligase, cytoplasmic	HARS	0.000803718	0.000679059	0.00017068	0.001450603	0.000488871	0.000466245	0.000752457	0.000503181	0.000360211	0.000551152	0.000801906	0.000538616	1.454962483	0.543164775	0.977254737	0.95823797
P12236;P12235;I7HJJ0;V9GYG0	ADP/ATP translocase 3;ADP/ATP translocase 3, N-terminally processed;ADP/ATP translocase 1	SLC25A6;SLC25A4	0.000356738	0.000130996	0	0.000334724	0	3.85439E-05	0.000180225	0.000163148	8.00526E-05	0.000162578	0.000124422	0.000141142	0.765309811	0.809828335	0.868147991	0.853258231
P12270;Q15624	Nucleoprotein TPR	TPR	8.11236E-06	0	0	0	5.6573E-05	0	0	0	4.15584E-06	2.70412E-06	1.88577E-05	1.38528E-06	6.97367954	0.444235434	0.512284228	0.68662323
P12277;H0YJG0;G3V4N7;G3V461;H0YJK0;P06732;H0YJJ7;G3V2I1	Creatine kinase B-type	CKB	0.013002979	0.008054884	0.000577199	0.018675913	0.003076372	0.004615681	0.017033916	0.015789668	0.004061555	0.007211687	0.008789322	0.012295046	1.218760838	0.809844663	1.704877954	0.406753858
P12814-2;P12814;P12814-3;H9KV75;P12814-4;H7C5W8;H0YJW3;G3V2W4;G3V2N5;H0YJ11;G3V2X9	Alpha-actinin-1	ACTN1	0.000593954	3.29422E-05	2.28155E-05	0.000747995	0.000259999	0.000345559	0.000531864	0.000356479	5.22571E-05	0.000216571	0.000451184	0.000313534	2.083311726	0.386042838	1.447720094	0.701095194
P12955-3;P12955-2;P12955;V9GYE4	Xaa-Pro dipeptidase	PEPD	2.39322E-05	3.37164E-05	0	6.23411E-05	4.52213E-05	0	5.76778E-05	5.38375E-05	6.37073E-05	1.92162E-05	3.58541E-05	5.84076E-05	1.865830009	0.474903093	3.039498495	0.019745232
P12956;P12956-2;B1AHC9;P51449-2;P51449	X-ray repair cross-complementing protein 6	XRCC6	0.008085296	0.003219198	0.002951872	0.01138696	0.004345836	0.007121024	0.009196764	0.005995009	0.00608311	0.004752122	0.00761794	0.007091628	1.603060716	0.338944759	1.492307609	0.301303073
P13010;C9JZ81;H7C0H9	X-ray repair cross-complementing protein 5	XRCC5	0.004371847	0.001841553	0.001544147	0.009667105	0.003233805	0.005317623	0.005540941	0.004926603	0.002891527	0.002585849	0.006072844	0.004453024	2.348491708	0.171636292	1.722074281	0.195419604
P13073;H3BPG0;H3BN72;H3BNV9;Q86WV2	Cytochrome c oxidase subunit 4 isoform 1, mitochondrial	COX4I1	0.000842835	0.000286326	0	0.000547214	0	0	0.000414187	0	0	0.000376387	0.000182405	0.000138062	0.484620564	0.562278451	0.366809248	0.447634319
P13489;E9PMJ3;E9PLZ3;E9PIM9;H0YCR7;E9PMA9;E9PMN0;E9PIK5	Ribonuclease inhibitor	RNH1	0.000326149	0.000248905	0.000143247	0.000721305	8.40909E-05	0.000119342	0.000564371	0.000485011	0.000133751	0.000239433	0.000308246	0.000394378	1.287396833	0.763327721	1.647129375	0.338133115
P13639	Elongation factor 2	EEF2	0.048760096	0.048049881	0.00172924	0.072484254	0.063893218	0.007941183	0.042241976	0.046500238	0.006164067	0.032846406	0.048106218	0.031635427	1.464580896	0.582161613	0.963132094	0.954949043
P13667	Protein disulfide-isomerase A4	PDIA4	0.007690042	0.001230432	0.001763769	0.003700118	0.000999857	0.003044915	0.00215988	0.001631882	0.004070437	0.003561415	0.00258163	0.002620733	0.724888955	0.682305885	0.735868532	0.690783156
P13674-2;P13674-3	Prolyl 4-hydroxylase subunit alpha-1	P4HA1	0.0042653	0.001611696	0.007553153	0.008318493	0.003099801	0.012904393	0.006415364	0.007113213	0.006962373	0.004476716	0.008107562	0.006830317	1.81105124	0.334638818	1.525742617	0.245626465
Q5W0H4;P13693;J3KPG2;E9PJF7;P13693-2;Q56UQ5;H0YCX0	Translationally-controlled tumor protein;TPT1-like protein	TPT1	0.00292509	0.000929986	0	0.000416406	0	0	0.001765112	0.000898421	0	0.001285025	0.000138802	0.000887845	0.108015009	0.259888835	0.690915994	0.712080266
P13796;Q5TBN3;P13796-2	Plastin-2	LCP1	0.000357447	0.000138417	0	0.000457113	7.71536E-05	4.82885E-05	0.000196989	7.8373E-05	4.40349E-05	0.000165288	0.000194185	0.000106466	1.174828216	0.871685812	0.64412225	0.632805923
P13797;P13797-3;P13797-2;F8W8D8;U3KQI3;H7C4N2	Plastin-3	PLS3	0.002931105	0.001377661	3.34549E-06	0.001711481	0.000342438	0.000352514	0.001415712	0.001406627	0.000294331	0.00143737	0.000802144	0.00103889	0.55806388	0.544411284	0.722771329	0.688512429
P13807-2;P13807	Glycogen [starch] synthase, muscle	GYS1	1.82974E-05	0	0	0	0	0	0	0	0	6.09915E-06	0	0	0	0.373900966	0	0.373900966
P13861-2;P13861;H7C330;H7C1L0;H7C4A9;C9J830;P31323	cAMP-dependent protein kinase type II-alpha regulatory subunit	PRKAR2A	0.00137546	0.000134919	5.75667E-05	0.001509603	0.000191831	0.000742938	0.000817329	0.000420072	0.000851116	0.000522649	0.000814791	0.000696173	1.558964489	0.636998293	1.332008236	0.718744998
P13995;B9A062;P13995-2;B8ZZU9;F8W7P9;Q9H903-3;Q9H903-1;Q9H903-5;Q9H903	Bifunctional methylenetetrahydrofolate dehydrogenase/cyclohydrolase, mitochondrial;NAD-dependent methylenetetrahydrofolate dehydrogenase;Methenyltetrahydrofolate cyclohydrolase	MTHFD2	0.000286151	0.000138742	0	9.02918E-05	0.000107869	0.000164758	0.000250627	0.0001678	0.000279223	0.000141631	0.000120973	0.00023255	0.854141715	0.821202794	1.641942099	0.365308701
P14174	Macrophage migration inhibitory factor	MIF	0.003934061	0.003529618	0.001787009	0.007799693	0.000281185	0.000286071	0.003389522	0.003472152	0	0.003083562	0.002788983	0.002287225	0.904467735	0.914942502	0.741747502	0.578847299
P14324-2;P14324;A0A087X1D8;A0A087X090;A0A087WVN4;A0A087WTP2	Farnesyl pyrophosphate synthase	FDPS	0.000154862	0	0	0.000369407	0	0.000338817	0.000361466	0.000109743	0.000351945	5.16207E-05	0.000236075	0.000274384	4.573261146	0.226371505	5.315399543	0.083702389
P14550;V9GYG2;V9GYP9;Q5T621	Alcohol dehydrogenase [NADP(+)]	AKR1A1	0.000817315	0.000298949	0	0.000608767	0	2.91174E-05	0.000464778	0.001624817	0	0.000372088	0.000212628	0.000696532	0.571446	0.634449645	1.871953119	0.579617135
P14618;P14618-2;H3BTN5;P14618-3;H3BQ34;H3BR70;H3BUW1;H3BTJ2;H3BT25;H3BU13;P30613-2;P30613;H3BN34;H3BQZ3	Pyruvate kinase PKM;Pyruvate kinase	PKM	0.009744071	0.006018065	4.10797E-05	0.007959789	0.003430667	0.002657743	0.008773181	0.006592357	0.001053681	0.005267739	0.004682733	0.005473073	0.888945608	0.866883966	1.038979592	0.957745454
P14625;Q96GW1;Q58FF3;H0YIV0;F8W026	Endoplasmin	HSP90B1	0.005050222	0.002375989	0.00081358	0.005311601	0.000966313	0.0038138	0.004365865	0.002280598	0.00362329	0.002746597	0.003363905	0.003423251	1.224753615	0.745671935	1.246360876	0.649419205
P14649;F8W1I5	Myosin light chain 6B	MYL6B	0.000539521	0.000157261	0.000275318	0.000350487	0.000279219	0.000208119	0.00031536	0.000350804	0.000141803	0.000324033	0.000279275	0.000269322	0.861870899	0.728608746	0.831155845	0.69582505
P14735;Q5T5N3	Insulin-degrading enzyme	IDE	0.000192851	8.95215E-05	0	0.000172353	0	0	4.23499E-05	3.7743E-05	0	9.41243E-05	5.74509E-05	2.66976E-05	0.610372687	0.670576148	0.283642208	0.304627919
P14866;M0QXS5;P14866-2;M0R1W6;B4DVF8;M0QYL7	Heterogeneous nuclear ribonucleoprotein L	HNRNPL	0.008783219	0.009086621	0.004203188	0.009607992	0.006960766	0.01046528	0.006298395	0.008419168	0.010355087	0.007357676	0.009011346	0.00835755	1.224754432	0.433096071	1.135895363	0.63791993
P14868;P14868-2;C9J7S3;C9JLC1;H7BZ35;C9JQM9;H7C278	Aspartate--tRNA ligase, cytoplasmic	DARS	0.001094594	0.00034507	0.000186835	0.000557604	0.000253659	0.000242012	0.000393149	0.000128552	0.000107524	0.000542166	0.000351092	0.000209742	0.647571558	0.556820457	0.386858385	0.322341605
P14923;C9JTX4;C9J826;C9JK18;C9JKY1;C9JPI2;K7ERP3;P35222-2	Junction plakoglobin	JUP	0.002601799	6.29015E-05	4.09453E-05	0.000181587	0	0	0.000153472	0.000295264	3.43507E-05	0.000901882	6.05289E-05	0.000161029	0.067114041	0.37936742	0.178547909	0.434270988
P15104;A0A087WYJ1	Glutamine synthetase	GLUL	0.000256098	0.000120041	0	0.000979182	0.000434526	0.000339221	0.000738291	0.000818364	0.000352559	0.00012538	0.00058431	0.000636405	4.660319948	0.097066149	5.075815887	0.034177518
P15121;E9PCX2;E9PEF9;C9JRZ8-2;C9JRZ8	Aldose reductase	AKR1B1	0.002704908	0.001479591	0.00025222	0.001963067	0.000252604	0.000112662	0.001460938	0.000673345	0.000409127	0.001478906	0.000776111	0.000847804	0.524787104	0.489590616	0.573263801	0.461326247
P15531;P15531-2	Nucleoside diphosphate kinase A	NME1	0.001702339	0.000533314	0.000291675	0.002644381	0.000640789	0.000923255	0.001072615	0.00065051	0	0.000842443	0.001402808	0.000574375	1.665167685	0.503274471	0.681797092	0.643108043
P15880;H0YEN5;E9PQD7;E9PMM9;I3L404;E9PPT0;E9PM36;H3BNG3;H0YE27	40S ribosomal protein S2	RPS2	0.097782263	0.070283882	4.8662E-05	0.028338092	0.140392502	0.003078861	0.020968248	0.02022323	0.00157024	0.056038269	0.057269819	0.014253906	1.021976938	0.981981802	0.254360213	0.233274179
P15924;P15924-2;P15924-3	Desmoplakin	DSP	9.37417E-06	0	0	2.01233E-05	1.24166E-05	0	2.79375E-06	9.61543E-06	0	3.12472E-06	1.08466E-05	4.13639E-06	3.471231945	0.309675479	1.323764059	0.822858812
P15927;P15927-2;P15927-3;Q5TEJ7;Q5TEJ0	Replication protein A 32 kDa subunit	RPA2	0.00059737	0.000355972	0	0.000786284	0.000367782	0.001217634	0.00170237	0.000461413	0.000604417	0.00031778	0.000790566	0.000922733	2.487775331	0.190739678	2.903681557	0.231019474
Q5TD07;P16083	Ribosyldihydronicotinamide dehydrogenase [quinone]	NQO2	8.12525E-05	0	0	0	0	0	0	0	0	2.70842E-05	0	0	0	0.373900966	0	0.373900966
P16152;E9PQ63;A8MTM1;P16152-2	Carbonyl reductase [NADPH] 1	CBR1	0.001247583	0.00041524	0.000119755	0.00122938	0.00030818	0.000534468	0.001047461	0.000837543	0.000444995	0.000594193	0.000690676	0.000776666	1.16237677	0.836010139	1.307094367	0.657011515
P16403	Histone H1.2	HIST1H1C	0.026458351	0.023755401	0	0.005792784	0.031020869	0.001180887	0.003421603	0.004318488	0.001308818	0.016737917	0.012664847	0.003016303	0.756656062	0.761172304	0.18020779	0.179829003
P16615;H7C5W9;P16615-5;P16615-2;P16615-3;P16615-4;Q93084-4;Q93084-2;Q93084-3;Q93084-7;Q93084;Q93084-6;Q93084-5;O14983-3;O14983-	Sarcoplasmic/endoplasmic reticulum calcium ATPase 2	ATP2A2	0.000130769	8.63529E-05	0	5.59888E-05	0	9.13783E-05	0.00018977	3.54169E-05	0	7.23739E-05	4.91224E-05	7.50621E-05	0.678730541	0.644735783	1.037143877	0.971111383

P31944	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	2.7989E-05	0	0	0	0	0	5.91914E-05	9.32968E-06	0	1.97305E-05	0	0.373900966	2.114807691	0.6585458
P31946-2;P31946;Q4VY20;Q4VY19	14-3-3 protein beta/alpha;14-3-3 protein beta/alpha, N-terminally processed	YWHAB	0.004656257	0.003688346	0.001699	0.008756685	0.006027597	0.006079861	0.007598389	0.006075089	0.006535039	0.003347868	0.006954714	0.006736172	2.077356341	0.045067824	2.012078277	0.025913768
P31948;P31948-2;P31948-3;F5H783;F5GXD8;H0YGI8	Stress-induced-phosphoprotein 1	STIP1	0.008944327	0.009144871	0.003046151	0.011303218	0.00314666	0.007031293	0.007767879	0.011227576	0.004537054	0.007045116	0.00716039	0.00784417	1.016362205	0.972031222	1.11341945	0.788120558
P31949	Protein S100-A11;Protein S100-A11, N-terminally processed	S100A11	0.00236078	0.000916733	0.000262095	0.004351697	0.000142553	0.000317168	0.002209137	0.000520655	0	0.00117987	0.001603806	0.000909931	1.359307851	0.792581729	0.771212844	0.781614005
P32119;A6NIW5;P32119-2	Peroxiredoxin-2	PRDX2	0.010114407	0.003775797	0.002407647	0.019370707	0.003419239	0.010958562	0.012784735	0.006781004	0.007009513	0.005432617	0.011249503	0.008858417	2.070733662	0.324527084	1.630598599	0.328533264
P32121-5;P32121-2;P32121;P32121-3;P32121-4;K7EL17;I3L412;Q68DZ5;K7ENA6	Beta-arrestin-2	ARRB2;DKFZp686L0365	8.13771E-05	0.000123641	0	7.9618E-05	0	4.21355E-05	0	0	0.000117208	6.83393E-05	4.05845E-05	3.90693E-05	0.593868318	0.553407326	0.571695769	0.612231231
P32322;P32322-3;J3QL24;J3QKT4;J3QK22;E2QRB3;P32322-2;J3QR88;J3QLK9;J3QL23;J3QL32	Pyrroline-5-carboxylate reductase 1, mitochondrial;Pyrroline-5-carboxylate reductase	PYCR1	0.000159768	0.000198351	0	8.33372E-05	0.000155827	0.000119914	0.00012638	0	0	0.000119373	0.000119693	4.21265E-05	1.002678583	0.996265886	0.35289793	0.354895133
P32929;P32929-2;P32929-3	Cystathionine gamma-lyase	CTH	0.000144201	2.73552E-05	0	0.000279462	0	3.37417E-05	0.00026089	4.4773E-05	0.000118075	5.71854E-05	0.000104401	0.000141246	1.825665414	0.656872492	2.469970173	0.338202234
P32969;D6RAN4;H0Y9V9;E7ESE0;H0Y9R4;REV__O75648-5;REV__O75648-2;REV__O75648	60S ribosomal protein L9	RPL9	0.058166699	0.039471042	0	0.009415206	0.048121347	0.000218877	0.003098237	0.004642173	0	0.032545914	0.01925181	0.002580137	0.591527717	0.58748668	0.079276823	0.156414082
P33176;J3KNA1;O60282;Q12840;O60282-2	Kinesin-1 heavy chain	KIF5B	0.000284153	0.000113964	1.39273E-05	0.000351965	0.000127146	0.000109616	0.000261333	0.000179249	0.000135128	0.000137348	0.000196243	0.000191903	1.428796296	0.623647228	1.397203602	0.565121933
P33991;E5RFR3;E5RFJ8;E5RG31	DNA replication licensing factor MCM4	MCM4	0.000161345	0	0	0.000164543	0	4.8628E-05	8.64003E-05	7.20114E-05	0	5.37817E-05	7.10569E-05	5.28039E-05	1.321210296	0.823671111	0.981819769	0.987790135
P33992;B1AHB1;B1AHB2;B1AHA9	DNA replication licensing factor MCM5;DNA helicase	MCM5	0.000272016	7.93179E-05	3.44519E-06	0.000191938	0	0	0.00028626	0.000136798	0.000110332	0.00011826	6.39794E-05	0.000177796	0.541007539	0.624076617	1.503439585	0.572166184
P33993;P33993-3;P33993-2;C9J8M6	DNA replication licensing factor MCM7	MCM7	0.00030297	6.06988E-05	0	0.000730328	9.86285E-05	3.6709E-05	0.000200811	0.0005065	0.00015577	0.000121223	0.000288555	0.000287694	2.380366478	0.524321861	2.373259832	0.31167462
P34897-3;P34897;P34897-2;H0YIZ0;G3V2Y4;G3V5L0;G3V4W5;G3V241;G3V3Y8;G3V4T0;G3V4X0;G3V2W0;G3V2E4;G3V540	Serine hydroxymethyltransferase, mitochondrial;Serine hydroxymethyltransferase	SHMT2	0.003218523	0.002555083	7.3587E-05	0.004871393	0.002290093	0.000813774	0.004334636	0.002434477	0.001178158	0.001949064	0.00265842	0.00264909	1.363946646	0.665777464	1.359160055	0.625439514
P34931	Heat shock 70 kDa protein 1-like	HSPA1L	0.000152527	0.000653902	0	0.000886036	0.000234827	0.001164389	0.001179448	0.000723546	0.000736819	0.00026881	0.00076175	0.000879938	2.833788963	0.219530795	3.273458134	0.069301125
P34932;A0A087WYC1;A0A087WTS8;P34932-2;REV__A0A087X226;REV__Q3KQV9	Heat shock 70 kDa protein 4	HSPA4	0.003507659	0.001858923	0.00051917	0.006067522	0.000804308	0.001858877	0.004747999	0.002701859	0.002037131	0.001961918	0.002910236	0.00316233	1.483363006	0.630807104	1.611856629	0.369586606
P35222;B4DGU4;E7EMJ5;E9PDF9;E7EV28	Catenin beta-1	CTNNB1	0.001063468	0	0.000470075	0.001475188	0.000259173	0.000314106	0.001447282	0.0008759	0.001328972	0.000511181	0.000682822	0.001217385	1.335774485	0.749565487	2.381515243	0.116443702
P35232;C9JW96;C9JZ20;E7ESE2;E9PCW0;P35232-2;D6RBK0	Prohibitin	PHB	0.000564095	5.00909E-06	0	0.000278701	0	0	0.000104127	8.69956E-05	0	0.000189701	9.29004E-05	6.37076E-05	0.489718854	0.667305607	0.335830815	0.543427773
P35241;P35241-5;P35241-4;P35241-2;H0YE16;E9PQ82;E9PNV3;P35241-3	Radixin	RDX	7.63247E-05	3.684E-05	0	0.000213048	0	0	0.000120619	4.99457E-05	4.18282E-05	3.77216E-05	7.10161E-05	7.07977E-05	1.88263938	0.677501395	1.876848101	0.377337782
P35244;B5MC59	Replication protein A 14 kDa subunit	RPA3	0.000114888	2.0461E-05	0	0.00093955	0	0.000194415	0.000402859	0.000234542	0	4.51162E-05	0.000377988	0.000212467	8.378095326	0.312846947	4.709325287	0.242244935
P35249;C9JZI1;P35249-2;H7C1P0;C9J8M3	Replication factor C subunit 4	RFC4	0.000193953	0	0	0	0	0	5.04865E-05	8.2128E-05	0	6.46511E-05	0	4.42048E-05	0	0.373900966	0.683744097	0.781526063
P35250-2;P35250;H7C5P4;A0A087WVY3;H7C5S7;H7C5P1;H7C5Q7;F8WC37;H7C5A0;H7C5G4	Replication factor C subunit 2	RFC2	0.00047323	0.000237509	0	0.000401247	0.000367353	1.06652E-05	0.000191799	0.000450243	0	0.000236913	0.000259755	0.000214014	1.096415779	0.907749195	0.903344003	0.909354388
P35520;P35520-2;C9JMA6;H7C2H4	Cystathionine beta-synthase	CBS	0.000123132	0.000169585	0	0.000430736	0.000250853	9.9568E-05	0.000225524	0.000241698	0	9.75725E-05	0.000260386	0.000155741	2.668639477	0.207069368	1.596155237	0.565504364
P35573-2;P35573-3;P35573	Glycogen debranching enzyme;4-alpha-glucanotransferase;Amylo-alpha-1,6-glucosidase	AGL	1.2415E-05	0	7.56588E-07	1.34949E-05	0	0	1.65027E-05	0	0	4.39054E-06	4.49828E-06	5.50091E-06	1.024539464	0.986603791	1.252900067	0.878423902
P35579;P35579-2;Q5KBV1;B1AH99;REV__S4R3H4;REV__E7EQT4;REV__Q9UKV3-	Myosin-9	MYH9	0.003562436	0.001584891	0.000547878	0.002041995	0.002700418	0.000655463	0.001188306	0.002140514	0.000300224	0.001898402	0.001799292	0.001209681	0.947792998	0.930659851	0.637210213	0.540919506
P35580;P35580-3;P35580-5;E7ERA5;A0A087X0T3;P13533;A7E2Y1;REV__Q8IYT3;REV__Q08AF3;P13535;Q9UKX3;Q9Y623;P12882	Myosin-10	MYH10	0.016806219	0.004545631	0.011011538	0.014381313	0.013992392	0.010942895	0.009321398	0.019814979	0.006721208	0.010787796	0.013105533	0.011952528	1.214848068	0.565438556	1.107967559	0.838131386
P35580-2;P35580-4	Myosin-10	MYH10	2.23232E-05	0	0	4.27669E-05	0	0	0	0	0	7.44108E-06	1.42556E-05	0	1.915801633	0.693529135	0	0.373900966
P35606-2;P35606;D6R997;D6RBZ7;D6RCL6;D6RBG7;D6RBT6	Coatomer subunit beta	COPB2	0.000173753	3.2776E-05	0	0.000469115	5.65587E-05	5.52818E-05	0.000245679	9.76909E-05	0.000112422	6.88428E-05	0.000193652	0.000151931	2.812953127	0.445642965	2.206917943	0.30750387
P35613-2;P35613;A0A087WUV8;P35613-3;P35613-4;A0A087X2B5;I3L192;R4GMX5;R4GN83	Basigin	BSG	0.002626717	0.000680332	0	0.003639886	0.002490498	0.001290629	0.003675129	0.003348107	0.000402876	0.00110235	0.002473671	0.002475371	2.243998681	0.257346188	2.245540173	0.352000167
P35658-2;P35658-4;P35658;P35658-3;P35658-5;H0YF36;H0Y837;H0YDS4;E9PKD2;B7ZAV2	Nuclear pore complex protein Nup214	NUP214	0.000175602	5.56479E-05	0.000256509	0	0	0	0	0	0	0.000162586	0	0	0	0.049488264	0	0.049488264
P35716	Transcription factor SOX-11	SOX11	0	0	0	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
P35914	Hydroxymethylglutaryl-CoA lyase, mitochondrial	HMGCL	0	0	0	7.13087E-05	0	0	0	0	0	0	2.37696E-05	0	#DIV/0!	0.373900966	#DIV/0!	#DIV/0!
P35998;P35998-2;C9JLS9;D6RAE5;D6R9M8;Q9UBT6-7;Q9UBT6-4;Q9UBT6-6;Q9UBT6-2;Q9UBT6-5;Q9UBT6-8;Q9UBT6	26S protease regulatory subunit 7	PSMC2	0.315816088	0.222699397	0.304214383	0.501827844	0.423154705	0.505294061	0.448765994	0.38088473	0.532032972	0.280909956	0.47675887	0.453894565	1.697194636	0.007868763	1.615800921	0.03028614
P36021	Monocarboxylate transporter 8	SLC16A2	0	0.002606146	0	0.00017547	0	0.00644282	0	0	0.005644844	0.000868715	0.002206096	0.001881615	2.539492936	0.590582789	2.165973912	0.650611407
P36404	ADP-ribosylation factor-like protein 2	ARL2	0.000342646	9.05083E-05	0	0	0	0	0	3.31939E-05	0	0.000144385	0	1.10646E-05	0	0.231783935	0.076633064	0.265644355
P36405	ADP-ribosylation factor-like protein 3	ARL3	0.000449107	0	0	0.000212986	0	0	0	0	0	0.000149702	7.09953E-05	0	0.474243075	0.659531797	0	0.373900966
P36542-2;P36542	ATP synthase subunit gamma, mitochondrial	ATP5C1	2.72918E-05	0.000159597	0	0.000196645	0	0	0	0.000101148	0	6.22964E-05	6.55483E-05	3.37159E-05	1.052200553	0.970270052	0.541217077	0.657190786
P36551	Oxygen-dependent coproporphyrinogen-III oxidase, mitochondrial	CPOX	0.000116544	9.17737E-06	0	8.16735E-05	0	0	1.96393E-05	0	0	4.19071E-05	2.72245E-05	6.54643E-06	0.649639705	0.766868174	0.15621299	0.404548172
P36578;H3BM89;H3BTP7;H3BU31	60S ribosomal protein L4	RPL4	0.045701179	0.035971523	0	0.003832673	0.041104008	0.000131653	0.001746545	0.004017683	0	0.027224234	0.015022778	0.001921409	0.551816374	0.557462671	0.070577172	0.143850946
P36871;P36871-2;P36871-3	Phosphoglucomutase-1	PGM1	0.000177106	0.00010943	0	0.000107466	0	3.93344E-05	0.0002186	0.000156122	0	9.55119E-05	4.89334E-05	0.000124907	0.512327627	0.483609993	1.307767919	0.741081046
P36915;A2A827;P36915-2	Guanine nucleotide-binding protein-like 1	GNL1	0.000127961	0.000119282	0	0.000144113	0.000143938	0	0.000135118	4.34496E-05	0	8.24143E-05	9.60172E-05	5.95226E-05	1.165051131	0.840404073	0.722236148	0.710222683
P36957;P36957-2;Q86SW4;H0YJF9;G3V3F0;G3V5M3	Dihydrolipoyllysine-residue succinyltransferase component of 2-oxoglutarate dehydrogenase complex, mitochondrial	DLST	0.000878451	0.000138214	0	4.33826E-05	0.000115763	7.92552E-06	7.92828E-05	0.0001768	0	0.000338888	5.56905E-05	8.53608E-05	0.164332852	0.360599079	0.2518849	0.412557403
P37108;H0YLA2	Signal recognition particle 14 kDa protein	SRP14	0.006397306	0.011062943	6.52174E-06	0.001876436	0.015523006	0.005650434	0.009607289	0.009699775	0.002102273	0.005822257	0.007683292	0.007136446	1.31964156	0.737505049	1.225718098	0.76323006
P37802;P37802-2;X6RJP6;C9J5W6;Q9UI15	Transgelin-2	TAGLN2	0.008210961	0.000902418	0.000796327	0.007475247	0.002415553	0.001878604	0.004486524	0.001589689	0.001002955	0.003303235	0.003923135	0.002359723	1.187664413	0.848044572	0.714367203	0.742552031
P37837;F2Z393;E9PM01;E9PKI8	Transaldolase	TALDO1	0.002136409	0.001239042	0.000249768	0.002445997	0.00065099	0.00058788	0.00238087	0.001928874	0.000711267	0.001208407	0.001228289	0.00167367	1.01645303	0.981756211	1.385022532	0.562900618
P38117;P38117-2;M0QY67	Electron transfer flavoprotein subunit beta	ETFB	0.003828373	0.001503431	0.00024628	0.00378498	0.000681962	0.001100794	0.003258926	0.002340041	0.00113399	0.001859361	0.001855912	0.002244319	0.998144923	0.998191393	1.207037716	0.767463037
P38159;P38159-2;H3BT71;H0Y6E7;Q96E39;H3BUY5;H3BR27;P38159-3;H3BNC1;O75526;Q8IZ40;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	0.009053452	0.006947676	0.000881508	0.003675488	0.010470293	0.001755758	0.002317815	0.003137028	0.000718065	0.005627545	0.005300513	0.002057636	0.941887263	0.932062249	0.365636516	0.234193324
P38432	Coilin	COIL	0.000278783	5.95802E-05	0	3.95851E-05	7.18506E-05	0	0	0	0	0.000112788	3.71452E-05	0	0.329337957	0.434972625	0	0.254090005
P38606-2;P38606;C9JA17;C9JVW8	V-type proton ATPase catalytic subunit A	ATP6V1A	0.000427346	0.000104785	0	0.000361011	0	8.8036E-05	0.000495837	0.000155992	4.53022E-05	0.000177377	0.000149682	0.000232377	0.843864421	0.877321094	1.310074717	0.783121653
P38646;D6RJI2;H0YBG6;D6RA73;H0Y8S0	Stress-70 protein, mitochondrial	HSPA9	0.064417718	0.038193725	0.03848464	0.083948463	0.033858091	0.075319343	0.067427041	0.055187909	0.075000423	0.047032028	0.064375299	0.065871791	1.36875449	0.383538348	1.400573072	0.14531501
P38919;I3L3H2;E9PBH4;F8WE11;C9JUF	Eukaryotic initiation factor 4A-III;Eukaryotic initiation factor 4A-III, N-terminally processed	EIF4A3	0.015020275	0.010047678	0.003615831	0.016740208	0.008385949	0.008423783	0.009562432	0.011517389	0.006894737	0.009561261	0.011183314	0.009324853	1.169648359	0.726058556	0.975274337	0.950277432
P39019;M0R2L9;M0QXK4;M0QYF7;M0R140;A0A075B6E2	40S ribosomal protein S19	RPS19	0.095120747	0.082610815	0.000875969	0.031591509	0.150335638	0.004967957	0.024906271	0.024755264	0.013363165	0.059535843	0.062298368	0.021008234	1.046401037	0.961346714	0.352866987	0.265643671
P39023;G5E9G0;B5MCW2;H7C422;H7C3M2;F8WCR1;Q92901	60S ribosomal protein L3	RPL3	0.077087309	0.07058337	0.000184699	0.018850787	0.115606094	0.0011256	0.013626508	0.017278663	0.000836257	0.049285126	0.045194161	0.010580476	0.916993913	0.929215157	0.214678887	0.198238123
U3KQ84;P39656-3;P39656;P39656-2	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase 48 kDa subunit	DDOST	0.000167847	0	0	0.00017791	0	0	1.75594E-05	0	0	5.59491E-05	5.93034E-05	5.85314E-06	1.059952186	0.969154828	0.104615402	0.423507065
P39748;P39748-2;I3L3E9;F5H1Y3;CON__P01030;CON__ENSEMBL:ENSBTAP00000007350	Flap endonuclease 1	FEN1	0.00045742	0.000524823	0	0.000116691	0.000206597	0	0.000202398	0.000162506	0	0.000327414	0.000107763	0.000121635	0.329132496	0.278622569	0.371500598	0.307473544
P40222	Alpha-taxilin	TXLNA	9.22595E-05	3.89544E-05	0	0	0	0	0	0	0	4.3738E-05	0	0	0	0.177250197	0	0.177250197
P40227;P40227-2;J3KRI6	T-complex protein 1 subunit zeta	CCT6A	0.010979883	0.00777022	0.005994958	0.014484312	0.008836247	0.012598406	0.015238795	0.013504136	0.01416762	0.008248354	0.011972988	0.014303517	1.451560951	0.167201739	1.734105636	0.017214999
P40306;J3QQN1;J3QL48	Proteasome subunit beta type-10	PSMB10	0	0.00106194	0.000400049	0.000327738	0	0	0	0.000229092	0	0.00048733	0.000109246	7.63639E-05	0.224172388	0.313687444	0.156698599	0.267016747
P40429;M0QYS1;Q8J015;Q6NVV1;M0QZU1;A0A096LPE0	60S ribosomal protein L13a	RPL13A;RPL13a	0.048160772	0.035001181	6.66127E-06	0.003085037	0.051615731	0.000920311	0.002197383	0.007288402	0.001507797	0.027722872	0.01854036	0.003664527	0.668774862	0.696762355	0.132184265	0.172055834
Q5QNY5;P40855;P40855-5;H0YDY4;E9PS71;B7Z8B3;H0YJ60	Peroxisomal biogenesis factor 19	PEX19	5.6242E-05	0	0	0.000143063	0	0	0.000170663	0	0.000176249	1.87473E-05	4.76877E-05	0.000115637	2.543705164	0.602382574	6.168198843	0.186271319
P40925;P40925-3;P40925-2;B9A041;B8ZZ51;C9JF79;C9JRL4;C9JLV6	Malate dehydrogenase, cytoplasmic;Malate dehydrogenase	MDH1	0.003877565	0.002126965	8.5379E-05	0.004514928	0.001035458	0.000717254	0.003443747	0.002010165	0.000529164	0.00202997	0.002089213	0.001994359	1.029184376	0.97286693	0.982457398	0.980670731
P40926;P40926-2;G3XAL0	Malate dehydrogenase, mitochondrial;Malate dehydrogenase	MDH2	0.013055178	0.007786243	0.001457622	0.015229261	0.001739563	0.00401154	0.011908609	0.008382829	0.007130437	0.007433014	0.006993455	0.009140625	0.940863892	0.938470923	1.229733266	0.663830139
P40937-2;P40937;F5H304;C9JH72;F5H0U6	Replication factor C subunit 5	RFC5	0.000108783	0.000102474	0	0.000142517	0.000306037	6.5627E-05	0.000233905	0	0	7.0419E-05	0.000171394	7.79684E-05	2.433909814	0.271200813	1.107205753	0.933938495
P40938-2;P40938;A0A087X270	Replication factor C subunit 3	RFC3	5.32174E-05	0	0	0	0.000480671	0	0	4.91157E-05	0	1.77391E-05	0.000160224	1.63719E-05	9.032201067	0.426685558	0.922925609	0.957549266
P40939;H0YFD6;P40939-2	Trifunctional enzyme subunit alpha, mitochondrial;Long-chain enoyl-CoA hydratase;Long chain 3-hydroxyacyl-CoA dehydrogenase	HADHA	0.000353279	1.20194E-05	0	0.000235688	2.44153E-05	4.13023E-05	0.000164054	1.61661E-05	0	0.000121766	0.000100469	6.00732E-05	0.825093756	0.881584348	0.493348749	0.652610717
P41091;Q2VIR3;F8W810;Q2VIR3-2;H7BZU1	Eukaryotic translation initiation factor 2 subunit 3;Putative eukaryotic translation initiation factor 2 subunit 3-like protein	EIF2S3;EIF2S3L	0.001156503	0.00118753	0	0.002088031	0.002549243	0.000349832	0.001264647	0.000919664	9.00272E-05	0.000781344	0.001662369	0.000758113	2.127574446	0.319275972	0.97026707	0.966739875
P41208	Centrin-2	CETN2	0	0	0	0.000203557	0	0	0	0	0	0	6.78523E-05	0	#DIV/0!	0.373900966	#DIV/0!	#DIV/0!
P41227-2;P41227;F8W808;A8MWP7;C9JN83;C9JW55;Q9BSU3;H0Y8T0	N-alpha-acetyltransferase 10	NAA10	0.000782344	0.000300177	7.13432E-05	0.001266616	0.000401697	0.000434981	0.000582428	0.000776866	0.000222525	0.000384621	0.000701098	0.000527273	1.822826359	0.419526986	1.370887638	0.619050129
P41240;H3BUM9	Tyrosine-protein kinase CSK	CSK	0.000180734	4.08786E-05	3.62267E-05	0.000178474	7.43135E-05	5.89636E-05	8.10828E-05	0.000157372	6.75093E-05	8.59464E-05	0.000103917	0.000101988	1.209092959	0.781139005	1.186645833	0.785220926
P41250;H7C443	Glycine--tRNA ligase	GARS	0.000897182	0.000415615	8.84642E-06	0.001282715	0.000219815	8.71861E-05	0.000808585	0.000369848	0.000138055	0.000440548	0.000529905	0.00043883	1.202832723	0.854581991	0.996099863	0.996015083
P41252;J3KR24;Q5TCC4;Q5TCD1;Q5TCC5;Q5TCD2;Q5TCC9;Q5TCC6	Isoleucine--tRNA ligase, cytoplasmic	IARS	0.000318136	0.000140923	0	0.000476772	0.00035621	0.000280136	0.00020891	0.000134151	1.3383E-05	0.00015302	0.000371039	0.000118815	2.424784108	0.114605514	0.776467295	0.767794026
P41743	Protein kinase C iota type	PRKCI	0	0	0	0	0	0.000267602	0.000237213	6.09371E-05	0.000559361	0	8.92007E-05	0.000285837	#DIV/0!	0.373900966	#DIV/0!	0.12171756
P42126-2;P42126;Q96DC0;H3BS70	Enoyl-CoA delta isomerase 1, mitochondrial	ECI1;DCI	0.000515956	0.000152859	0	0.000767677	4.53813E-05	0.000231983	0.000341536	0.000174758	0	0.000222938	0.000348347	0.000172098	1.562526096	0.660817585	0.771953624	0.793862073
P42166;P42167-3;P42167-2	Lamina-associated polypeptide 2, isoform alpha;Thymopoietin;Thymopoietin	TMPO	0.001048195	0.000216949	0	0.001159385	0.000152276	0.000570741	0.000387784	0.000361953	0.000298659	0.000421715	0.000627467	0.000349465	1.487894995	0.659343506	0.828676666	0.832713395
P42285;H0Y8U3;H0YAC4;D6REC7	Superkiller viralicidic activity 2-like 2	SKIV2L2	0.000767694	0.00148898	0.000284086	0.001061559	0.000877596	0.001868871	0.002371303	0.002091277	0.001057405	0.00084692	0.001269342	0.001839995	1.498774403	0.414047694	2.172572164	0.134922016
P42566-2;P42566	Epidermal growth factor receptor substrate 15	EPS15	0	0	0	6.1385E-05	0	5.48814E-05	6.25723E-05	0	0	0	2.04617E-05	3.91512E-05	#DIV/0!	0.373900966	#DIV/0!	0.117819205
P42677;Q5T4L4;C9J1C5	40S ribosomal protein S27	RPS27	0.076384875	0.060754169	0.000391163	0.013156747	0.119891928	0.002417274	0.011479915	0.012471171	0.003203744	0.045843402	0.045155317	0.00905161	0.984990524	0.988292523	0.197446296	0.190306649
P42696;A2A2V2;P42696-2;Q5TCT4	RNA-binding protein 34	RBM34	0.000123072	0	0	0	0.000384325	0	0	0	0	4.1024E-05	0.000128108	0	3.122764937	0.552661055	0	0.373900966
P42704;B8ZZ38;C9JCA9;Q9NP80-3;Q9NP80-2;Q9NP80	Leucine-rich PPR motif-containing protein, mitochondrial	LRPPRC	0.001293188	0.000403381	0.000136381	0.001572881	0.000508871	0.000483858	0.001216072	0.001055127	0.000539753	0.000610983	0.000855203	0.000936984	1.399716694	0.651506261	1.533567182	0.46581569
P42766;F2Z388;REV__Q9P209	60S ribosomal protein L35	RPL35	0.098016408	0.079698292	0.000226173	0.030677955	0.204162859	0.00069983	0.015250719	0.024914527	0.001527712	0.059313624	0.078513548	0.013897653	1.323701748	0.797900077	0.234307932	0.213995845
P43034;I3L3N5;P43034-2	Platelet-activating factor acetylhydrolase IB subunit alpha	PAFAH1B1	7.25806E-05	0	0	4.15354E-05	3.02437E-05	0	0.000108113	0.000116387	3.32767E-05	2.41935E-05	2.39264E-05	8.59258E-05	0.988957249	0.99262968	3.55160382	0.160030145
P43246;V9H019;E9PHA6;P43246-2;A0A087X1E7;A0A087X078;V9H015;V9H0B2;C9J809	DNA mismatch repair protein Msh2	MSH2	0.000112084	0.000145352	0	0.000493476	4.99585E-05	0.000275768	0.000159406	9.68856E-05	1.06475E-05	8.58122E-05	0.000273068	8.89797E-05	3.182154285	0.238796057	1.036912456	0.961446891
P43487-2;P43487;F6WQW2;C9JXG8;C9JJ34;C9JDM3;C9JGV6;C9JIC6;Q5T0Z6;Q9C010;Q9C010-2	Ran-specific GTPase-activating protein	RANBP1	0.005572644	0.001972429	0.001113881	0.006831728	0.002161461	0.003547456	0.004035686	0.003587898	0.002767562	0.002886318	0.004180215	0.003463715	1.448286269	0.542301051	1.200046316	0.704210749
P43490;C9JF35;C9JG65	Nicotinamide phosphoribosyltransferase	NAMPT	0.000299233	5.44305E-05	0	0.000257206	0	0	9.63625E-05	3.98583E-05	0	0.000117888	8.57353E-05	4.54069E-05	0.727262186	0.810837822	0.385171015	0.493006458
P43686;P43686-2	26S protease regulatory subunit 6B	PSMC4	0.239815726	0.215152296	0.185328712	0.479324855	0.369010332	0.489792932	0.374695615	0.472673913	0.285617161	0.213432245	0.446042707	0.37766223	2.089856233	0.005073075	1.769471293	0.043301389
P43897;C9JT21;P43897-2;C9JG32;F8VPA7;F8VS27;P43897-4;F8WCK2;P43897-3	Elongation factor Ts, mitochondrial;Elongation factor Ts	TSFM	0.00028759	0.000238243	0	0.00041813	6.20903E-05	4.34601E-05	0.000134266	8.8974E-05	0.00017506	0.000175278	0.00017456	0.000132767	0.995907315	0.996432529	0.757466524	0.668717707
P45877	Peptidyl-prolyl cis-trans isomerase C	PPIC	0	0	0.001192628	0	8.39366E-05	0	0	0	0	0.000397543	2.79789E-05	0	0.07037957	0.406245304	0	0.373900966
P45880-2;P45880;P45880-1;Q5JSD2;Q5JSD1;A2A3S1	Voltage-dependent anion-selective channel protein 2	VDAC2	7.28169E-05	0.000209941	0	0	8.01194E-05	0	0.000146366	0	0	9.42527E-05	2.67065E-05	4.87888E-05	0.283349616	0.370990597	0.51763817	0.593703219
P45954-2;P45954	Short/branched chain specific acyl-CoA dehydrogenase, mitochondrial	ACADSB	3.60647E-05	0	0	3.62891E-05	0	2.26043E-05	4.51832E-05	0	0	1.20216E-05	1.96312E-05	1.50611E-05	1.632994343	0.659453596	1.252836708	0.882313524
P45974-2;P45974;F5H571	Ubiquitin carboxyl-terminal hydrolase 5	USP5	0.000146712	3.42045E-05	0	0.000239987	0	0.000173245	0.00029489	4.93939E-05	0.000123001	6.03055E-05	0.000137744	0.000155762	2.284100988	0.40944192	2.582878	0.325147415
P46060;H0Y4Q3;B0QYT5;B0QYT4;B0QYT6	Ran GTPase-activating protein 1	RANGAP1	0.001996932	0.001019113	0.000177723	0.001049759	0.000299694	0.000290225	0.000984577	0.000445218	9.22509E-05	0.001064589	0.000546559	0.000507349	0.513399119	0.424277887	0.476567345	0.395636765
P46063;F5H2L2;F8WA66;F8WD97	ATP-dependent DNA helicase Q1	RECQL	1.98209E-05	3.76487E-05	0	0	0	0	0	3.15475E-05	0	1.91565E-05	0	1.05158E-05	0	0.152896552	0.548942674	0.598408883
P46109	Crk-like protein	CRKL	9.36536E-05	0	0	0.000340187	0	0	0.000135067	4.70947E-05	0	3.12179E-05	0.000113396	6.07206E-05	3.632396769	0.523227714	1.945058298	0.589805969
P46379-2;P46379;P46379-3;P46379-5;P46379-4;X6REW1;F6S6P2;F6UR09;F6U1F2;F6XTU0;H0Y710;F6RG75;F6WML8;F6VEM6;F6X9W3;F6U341;H0Y4L1;F6TC96;H0Y7K4;K7EKW3;H0Y759;H0Y5B3;E7ESS3;O95164;Q71RG4-2;Q71RG4	Large proline-rich protein BAG6	BAG6	0	0.000105502	0	0.007809097	0.003088658	0.003288708	0.004715918	0.003614143	0.002355736	3.51674E-05	0.004728821	0.003561932	134.4660476	0.038228862	101.2850735	0.006671895
X6RJS7;P46736-2;P46736-3;P46736;A0A087WZR3;H9KVA9;P46736-4;P46736-5	Lys-63-specific deubiquitinase BRCC36	BRCC3	0	0	0	0.000233471	0	0	0	0	0	0	7.78238E-05	0	#DIV/0!	0.373900966	#DIV/0!	#DIV/0!
P46776;E9PLL6;E9PJD9;E9PLX7;H0YF34	60S ribosomal protein L27a	RPL27A	0.111738576	0.098010496	0.000126378	0.02002654	0.111568838	0.001233871	0.013294909	0.023591076	9.13355E-05	0.069958483	0.044276416	0.012325774	0.632895602	0.627568964	0.176186974	0.18264242
P46777;Q5T7N0;R4GNJ2	60S ribosomal protein L5	RPL5	0.145270674	0.100738833	0.008516919	0.074882334	0.186059495	0.022799952	0.072477681	0.073164413	0.025874736	0.084842142	0.094580594	0.057172277	1.114783191	0.88421692	0.673866492	0.556726803
P46778;M0R181;G3V1B3	60S ribosomal protein L21	RPL21	0.062355526	0.054851257	0	0.006186419	0.063236056	0.001706192	0.00524483	0.005196452	6.18183E-05	0.039068928	0.023709556	0.003501034	0.606864772	0.611294904	0.089611713	0.145763541
P46779;H0YKD8;P46779-2;P46779-3;H0YMF4;P46779-4;P46779-5;H0YLP6	60S ribosomal protein L28	RPL28	0.092873817	0.064232724	0.000155159	0.012494645	0.112640297	0.001152804	0.008360385	0.014924042	0.00140098	0.052420567	0.042095915	0.008228469	0.803041973	0.829002387	0.156970243	0.185682373
P46781;B5MCT8;C9JM19;F2Z3C0;A8MXK4	40S ribosomal protein S9	RPS9	0.120277339	0.097460935	8.0236E-06	0.022894832	0.104985797	0.000423895	0.014579856	0.024181021	0.000107288	0.072582099	0.042768175	0.012956055	0.589238601	0.573364987	0.178502069	0.187387
P46783;F6U211;S4R435;Q9NQ39	40S ribosomal protein S10;Putative 40S ribosomal protein S10-like	RPS10;RPS10-NUDT3;RPS10P5	0.057999145	0.045730345	0.000170748	0.013137939	0.067890472	0.001144591	0.012037501	0.013071435	0.001135903	0.034633413	0.027391001	0.00874828	0.790883671	0.802110856	0.252596522	0.223821851
P46821;D6RA32;D6RA40;D6RCL2;D6RGJ3	Microtubule-associated protein 1B;MAP1B heavy chain;MAP1 light chain LC1	MAP1B	2.86172E-05	5.59474E-06	1.32401E-05	7.59146E-05	1.28298E-05	0.000117134	0.000146261	6.14687E-05	7.39825E-05	1.58173E-05	6.86263E-05	9.39042E-05	4.338673844	0.164482956	5.936788281	0.045817369
P46926-2;P46926;D6RAY7;D6R9P4;D6RFF8	Glucosamine-6-phosphate isomerase 1;Glucosamine-6-phosphate isomerase	GNPDA1	5.99045E-05	3.66514E-05	0	0	0	0	0.000129449	0	0	3.21853E-05	0	4.31495E-05	0	0.138653996	1.340659463	0.825321061
P46940;H0YLE8;A0A087X225;A0A087WWP1;F2Z2E2;Q86VI3	Ras GTPase-activating-like protein IQGAP1	IQGAP1	0.000335837	0	0	0	0	0	5.90689E-06	0	0	0.000111946	0	1.96896E-06	0	0.373900966	0.017588595	0.381585132
P46977;E9PN73;E9PI32;P46977-2	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit STT3A	STT3A	0	0	0	4.72249E-05	7.91365E-05	0	0	0	0	0	4.21205E-05	0	#DIV/0!	0.140839389	#DIV/0!	#DIV/0!
P47755;F8W9N7;C9JUG7;P47755-2	F-actin-capping protein subunit alpha-2	CAPZA2	0.00165826	0.000455432	5.01634E-05	0.00048696	0.000156196	0.000486826	0.000226998	0.000944652	0	0.000721285	0.000376661	0.00039055	0.52220763	0.524866824	0.54146426	0.586898317
P47756-2;B1AK87;B1AK88;P47756;B1AK85	F-actin-capping protein subunit beta	CAPZB	0.017276871	0.003900684	0.003461921	0.012081306	0.007415065	0.006277364	0.010493351	0.010822914	0.003046371	0.008213158	0.008591245	0.008120879	1.046034216	0.941833752	0.988764387	0.98668154
P47813;A6NJH9;O14602;X6RAC9	Eukaryotic translation initiation factor 1A, X-chromosomal;Eukaryotic translation initiation factor 1A, Y-chromosomal	EIF1AX;EIF1AY	0.017875981	0.010218237	0.013094865	0.027581275	0.021075447	0.023601121	0.015040063	0.020351313	0.025632204	0.013729694	0.024085948	0.020341193	1.754295996	0.024079985	1.481547423	0.155722669
P47897-2;P47897;H7C0R3;C9J165;C9JSG9;F2Z2V6	Glutamine--tRNA ligase	QARS	0.000272553	0.000191493	3.4096E-05	0.001011112	0.000422155	0.000458553	0.00046969	0.000464621	0.000323824	0.000166047	0.000630607	0.000419378	3.797754403	0.083992957	2.525657192	0.04039297
P47914	60S ribosomal protein L29	RPL29	0.084173945	0.078018164	0	0.014208902	0.165667496	0.001672294	0.001897837	0.022231959	0	0.054064036	0.060516231	0.008043265	1.119343558	0.91853496	0.148772935	0.175716062
P48163-2;P48163	NADP-dependent malic enzyme	ME1	0	0	0	0.000113373	1.23941E-05	0	0	0	0	0	4.19222E-05	0	#DIV/0!	0.307811632	#DIV/0!	#DIV/0!
P48426;P48426-2;Q5JUT3;H7BXS3	Phosphatidylinositol 5-phosphate 4-kinase type-2 alpha	PIP4K2A	7.92977E-05	3.22758E-05	0.000155888	0.000347755	0.000142421	0.000221384	0.000299745	0.000154945	0.000239276	8.91538E-05	0.000237187	0.000231322	2.660421652	0.101286601	2.594641747	0.061994342
R4GMR5;P48556;K7EJR3;K7EJC1;K7ERW6;K7ENY6	26S proteasome non-ATPase regulatory subunit 8	PSMD8	0.162232202	0.134997284	0.099520788	0.26407985	0.195474045	0.243127961	0.261875271	0.254371781	0.127745984	0.132250091	0.234227285	0.214664345	1.77109356	0.020041037	1.623169732	0.155385637
P48634-3;P48634;P48634-2;P48634-4;Q5JSZ5-5;Q5JSZ5	Protein PRRC2A	PRRC2A	2.65529E-05	5.42837E-06	0	6.6947E-06	9.1454E-06	0	9.01876E-06	0	0	1.06604E-05	5.28003E-06	3.00625E-06	0.495293294	0.563227044	0.282001476	0.425679894
P48637;P48637-2	Glutathione synthetase	GSS	5.5793E-05	8.396E-05	0	0.000193	0	0	0	4.49996E-05	0	4.65843E-05	6.43332E-05	1.49999E-05	1.38100406	0.80942691	0.321993567	0.335446355
P48643;B7ZAR1;E9PCA1;E7ENZ3;P48643-2;D6RIZ7;H0Y914	T-complex protein 1 subunit epsilon	CCT5	0.005544933	0.003776246	0.00264523	0.009799212	0.004680702	0.007840295	0.005943232	0.008259681	0.005390015	0.003988803	0.00744007	0.006530976	1.86523872	0.114220073	1.637327259	0.10525612
P48729-3;P48729;P48729-2;U3KQ83;U3KPX3;H0Y9X2;U3KQK7;D6REM4;E7ETM0;E5RG27;D6RGE5;Q8N752	Casein kinase I isoform alpha	CSNK1A1	0.000135018	0.00013214	0	5.7789E-05	0	0.000155666	0	0.000182244	0	8.90526E-05	7.11518E-05	6.07479E-05	0.79898628	0.792375769	0.682157296	0.726162304
P48735-2;P48735;H0YL11	Isocitrate dehydrogenase [NADP], mitochondrial	IDH2	7.07461E-05	3.04999E-05	0	0.000138229	0	4.32322E-05	5.86658E-05	5.9654E-05	0	3.37486E-05	6.0487E-05	3.94399E-05	1.792279717	0.589728523	1.168637245	0.851138841
P48739;P48739-2;P48739-3;B3KYB6;B3KYB7;I3L4C0;I3L459;I3L4H1;F5GWE5;Q00169;I3L3W1;I3L2X8;I3L471;I3L4U7	Phosphatidylinositol transfer protein beta isoform	PITPNB	0.000146413	0	0	0.000623098	5.28758E-05	0.000120123	0.000382844	0.000209011	0	4.88045E-05	0.000265366	0.000197285	5.437317334	0.309954721	4.042351344	0.286914272
P49006	MARCKS-related protein	MARCKSL1	0.006513304	0.0022234	0.000159647	0.005260773	0.00421869	0.003105211	0.005817179	0.003978653	0.004178039	0.00296545	0.004194891	0.004657957	1.414588208	0.566792554	1.570741788	0.436520402

P49189;P49189-2	4-trimethylaminobutyraldehyde dehydrogenase	ALDH9A1	0.000545708	0.00037737	0	0.00100117	9.7777E-05	4.72939E-05	0.000230373	0.000113725	0	0.000307693	0.00038208	0.000114699	1.241760402	0.841801241	0.372772766	0.330794762
P49207	60S ribosomal protein L34	RPL34	0.119892826	0.079854026	8.68521E-05	0.016619073	0.12209199	0.001661612	0.015823068	0.020230183	0.003419016	0.066611235	0.046790892	0.013157423	0.702447444	0.721109297	0.197525578	0.207328359
P49321;P49321-3;P49321-4;P49321-2;Q5T624;E9PPR5;E9PI86;E9PRH9;H0YF33;H0YDS9;E9PPQ8;E9PNB5;E9PQG5;E9PAU3;E9PKR5	Nuclear autoantigenic sperm protein	NASP	0.002397083	0.00113226	0	0.002586612	0.000797594	0.000887078	0.001794411	0.001239647	0.000787101	0.001176448	0.001423761	0.00127372	1.210220545	0.798054348	1.082683005	0.90320959
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	0.001848025	0.001279413	0.000130626	0.002824853	0.000905454	0.000985829	0.001544945	0.001633273	0.000728108	0.001086021	0.001572045	0.001302109	1.447527136	0.578582155	1.19897173	0.729040738
P49368;P49368-2;B4DUR8;E9PRC8;Q5SZX6;E9PQ35;Q5SZW8;E9PM09;Q5SZX9	T-complex protein 1 subunit gamma	CCT3	0.009994542	0.006191319	0.004510773	0.016731476	0.007748503	0.012620957	0.01174792	0.011474994	0.009056687	0.006898878	0.012366979	0.010759867	1.79260727	0.148609621	1.559654645	0.103006865
P49411;H3BNU3	Elongation factor Tu, mitochondrial	TUFM	0.002296551	0.000719161	0	0.001569007	0.000194305	0.000125467	0.001072956	0.000440014	0	0.001005237	0.000629593	0.000504323	0.6263127	0.672575526	0.501695636	0.538855961
P49419-2;P49419;F8VS02;P49419-4;P49419-3;H0YHM6;F8VVF2	Alpha-aminoadipic semialdehyde dehydrogenase	ALDH7A1	0.000537523	5.08336E-05	0	0.000756974	0	4.16536E-05	0.000261089	0.000127343	0	0.000196119	0.000266209	0.000129477	1.357386022	0.826467045	0.66019762	0.739801945
P49427	Ubiquitin-conjugating enzyme E2 R1	CDC34	0.000105543	0	0	0	0	0	0.000150562	0.000196864	0	3.51811E-05	0	0.000115809	0	0.373900966	3.29179176	0.307855114
P49458;E9PE20;P49458-2	Signal recognition particle 9 kDa protein	SRP9	0.00136197	0.00060272	0	0.002048399	0.001028915	0.000315981	0.001177688	0.000930835	0.000473347	0.000654897	0.001131098	0.000860623	1.72713962	0.497369598	1.314135719	0.667742996
P49588;P49588-2;H3BPK7	Alanine--tRNA ligase, cytoplasmic	AARS	0.000319769	0.000176833	3.6823E-06	0.000346434	1.67159E-05	0.00010791	0.000394881	0.00010857	5.54237E-05	0.000166761	0.00015702	0.000186292	0.941585059	0.945624579	1.117115927	0.895434479
P49590-2;P49590;B4DQ67;D6RJE6	Probable histidine--tRNA ligase, mitochondrial	HARS2	0.000283251	6.36921E-05	0	9.80571E-05	0.000168768	1.8932E-05	4.79115E-05	3.91899E-05	4.23474E-05	0.000115648	9.52522E-05	4.31496E-05	0.823642036	0.842289723	0.37311285	0.445868711
Q5T5C7;P49591	Serine--tRNA ligase, cytoplasmic	SARS	0.001721436	0.000261244	3.13265E-05	0.001240307	0.000127944	0.000104135	0.001003314	0.00031395	8.76052E-05	0.000671335	0.000490795	0.00046829	0.73107294	0.794511401	0.697549569	0.750718942
P49643	DNA primase large subunit	PRIM2	2.38076E-05	0	0	0	0	0	0	0	0	7.93586E-06	0	0	0	0.373900966	0	0.373900966
P49674;H0Y5S9;H0Y682;H0Y645;B0QY35;B0QY34;H7BYT1;P48730-2;P48730	Casein kinase I isoform epsilon;Casein kinase I isoform delta	CSNK1E;CSNK1D	0	0.000169405	2.05184E-05	0	8.53167E-05	0	0	0	0	6.3308E-05	2.84389E-05	0	0.449215139	0.595150005	0	0.301249344
P49720;A0A087WXQ8;A0A087WY10	Proteasome subunit beta type-3	PSMB3	0.7486186	0.902447678	1.268357369	0.738904107	0.854595357	0.876063014	0.695847062	0.83882123	1.277698959	0.973141216	0.823187493	0.93745575	0.845907541	0.401496958	0.963329613	0.885811193
P49736;H0Y8E6	DNA replication licensing factor MCM2	MCM2	0.00031326	2.08938E-05	0	0.000430423	4.38441E-05	0.00013593	0.00014654	0.000204314	4.29862E-05	0.000111385	0.000203399	0.00013128	1.826098243	0.583119564	1.178618635	0.867158554
P49755;G3V2K7	Transmembrane emp24 domain-containing protein 10	TMED10	4.43028E-05	5.2367E-05	0	0.000134648	0	0	2.80514E-05	0	0	3.22233E-05	4.48828E-05	9.35045E-06	1.392870781	0.8039929	0.290177127	0.290027675
P49756;E9PQU5;P49756-2;P49756-3;E9PSE8;P49756-4	RNA-binding protein 25	RBM25	0.000232276	0.000318625	8.85632E-05	0.000324468	0.000314666	0.00036011	0	0.000150732	0.000164584	0.000213155	0.000333082	0.000105105	1.562627538	0.154896921	0.493093203	0.27410483
P49770;H0YJJ8;G3V5E5	Translation initiation factor eIF-2B subunit beta	EIF2B2	7.91087E-05	3.00461E-05	0	0.000226821	4.71956E-05	0	0.000134692	2.657E-05	0	3.63849E-05	9.13389E-05	5.37541E-05	2.510349397	0.492577311	1.477371274	0.731543648
P49773;D6RC06;D6REP8;D6RE99;D6RD60	Histidine triad nucleotide-binding protein 1	HINT1	0.003147635	0.002374642	0.000241283	0.003583909	0.000151839	0.000320871	0.002550957	0.001972907	0.000631676	0.001921187	0.001352206	0.001718513	0.703839012	0.708206142	0.894506044	0.85477858
P49792;F8VYC4;P0DJD0;P0DJD1;F8WBP7;C9J1W9;C9JF75;C9J6W1;Q7Z3J3-2;Q05823-2;Q05823	E3 SUMO-protein ligase RanBP2	RANBP2	0.000169194	0.000154311	4.26612E-05	4.75317E-06	0	1.44346E-06	0	0.000131865	0	0.000122056	2.06554E-06	4.3955E-05	0.016922961	0.039815351	0.36012305	0.258770337
P49841;P49841-2	Glycogen synthase kinase-3 beta	GSK3B	3.00994E-05	2.6304E-05	0	0	0	4.42293E-05	4.31192E-05	0	0	1.88012E-05	1.47431E-05	1.43731E-05	0.784158608	0.828190457	0.76447868	0.809635094
P49903-2;P49903;Q5T5U6;P49903-4;P49903-3	Selenide, water dikinase 1	SEPHS1	8.59934E-05	9.12496E-05	0	0.000393545	0.000101303	0	9.35802E-05	0	0.000142349	5.9081E-05	0.000164949	7.86431E-05	2.791917204	0.433197935	1.331107115	0.721733177
P49914-2;P49914	5-formyltetrahydrofolate cyclo-ligase	MTHFS	0	4.13908E-05	0	8.25378E-05	0	0	5.88532E-05	0.000101695	0	1.37969E-05	2.75126E-05	5.3516E-05	1.994112335	0.678920765	3.878837498	0.289348799
P49915-2;P49915	GMP synthase [glutamine-hydrolyzing]	GMPS	0.00068671	0.000335831	0	0.001159251	6.40932E-05	0	0.000876211	0.000334048	0.00010531	0.000340847	0.000407781	0.000438523	1.196376755	0.882550492	1.286568492	0.763010726
P49916-2;P49916	DNA ligase 3	LIG3	1.02353E-05	0	0	0	0	0	0	0	0	3.41178E-06	0	0	0	0.373900966	0	0.373900966
P50151;Q9H1X3-3	Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-10	GNG10	0.000154082	0	0	0	0	0	0	0	0	5.13607E-05	0	0	0	0.373900966	0	0.373900966
P50395;P50395-2;Q5SX87;V9GYJ7;V9GYF8;Q5SX90;Q5SX86;Q5SX91	Rab GDP dissociation inhibitor beta	GDI2	0.003198116	0.00167938	0	0.002300679	0.000484956	0.000702726	0.002076071	0.002408232	0.000752839	0.001625832	0.001162787	0.001745714	0.715195067	0.691935694	1.073736109	0.914838833
P50402;Q5HY57	Emerin	EMD	0.0005485	0.000211918	0	0.000856972	0.000252924	0.000231342	0.000520963	0.000290172	0.000342619	0.000253473	0.000447079	0.000384585	1.763817172	0.497692533	1.517262897	0.493770117
P50502;H7C3I1;Q3KNR6;A0A087X1H6;Q8NFI4;F6VDH7;Q8IZP2;F8WAQ7	Hsc70-interacting protein;Putative protein FAM10A5;Putative protein FAM10A4	ST13;ST13P5;ST13P4	0.004306759	0.001588785	4.21544E-05	0.005960045	0.001371724	0.001765538	0.002731292	0.003224734	0.001050641	0.001979233	0.003032436	0.002335556	1.532127055	0.613560489	1.180031	0.812883486
P50570-3;P50570-2;P50570-5;P50570-4;P50570;K7EMQ3;Q05193-5;Q05193-3;Q05193-4;Q05193-2;Q05193	Dynamin-2;Dynamin-1	DNM2;DNM1	2.74057E-05	1.21469E-05	0	0	0	0	0	0	0	1.31842E-05	0	0	0	0.171661135	0	0.171661135
P50750;P50750-2;X6RE90;H0YAZ9;Q9BVE2;E7EUK8;E5RGN0;A0A087X209;A0A087WZU2;Q00534;Q96Q40-2;Q96Q40-4;Q96Q40-3;O94921-3;Q96Q40-5;Q96Q40;O94921-2;O94921;Q07002;Q07002-2;Q00536;Q00536-3;Q07002-3;Q00536-2;Q14004-2;Q14004	Cyclin-dependent kinase 9	CDK9	0.000489019	0.000210001	0	0.000187267	0.000219792	0.000143529	0.000113615	0.00037503	3.51398E-05	0.000233007	0.000183529	0.000174595	0.787657685	0.747365047	0.749313819	0.755280968
P50990;P50990-2;P50990-3;H7C4C8;H7C2U0	T-complex protein 1 subunit theta	CCT8	0.010454239	0.007818138	0.005155405	0.017690708	0.010336861	0.011096956	0.013204344	0.012817063	0.009879246	0.007809261	0.013041508	0.011966884	1.670005513	0.134140741	1.532396564	0.088520963
P50991;P50991-2	T-complex protein 1 subunit delta	CCT4	0.005375232	0.004673363	0.003238244	0.013351549	0.007778218	0.006267631	0.008649115	0.007108054	0.007294403	0.004428946	0.009132466	0.007683857	2.061995212	0.104124352	1.734917661	0.014895445
P50995-2;P50995;H0YE61	Annexin A11	ANXA11	0.00032733	0	0	0.000261482	0	0	0.000110572	2.72743E-05	4.16164E-05	0.00010911	8.71608E-05	5.98209E-05	0.798834498	0.882722877	0.548261888	0.682869946
P51114;B4DXZ6;P51114-2;E9PFF5;P51114-3;E7EU85;C9JAJ4;C9JZE0;C9JY20;H7C4S4;C9JYQ6;C9J5B4;C9JZ22	Fragile X mental retardation syndrome-related protein 1	FXR1	0.002421142	0.002269072	8.31021E-05	0.001111222	0.004310121	0.00051035	0.001072871	0.00072007	0.00025858	0.001591105	0.001977231	0.00068384	1.242677599	0.796417601	0.429789287	0.315448255
P51116;I3L1Z2	Fragile X mental retardation syndrome-related protein 2	FXR2	0.000930886	0.000702165	0	0.000105504	0.00056133	4.44666E-05	4.14442E-05	8.91266E-05	3.75959E-05	0.00054435	0.0002371	5.60555E-05	0.435565601	0.39678446	0.102976954	0.156758419
P51148;P51148-2;F8VWU4;F8VVZ0;F8VUA5;F8VVK3;K7ERI8;K7ERQ8;P61020-2;P20339-2;P61020;P20339;K7EIP6;F8WCY6;F8WD79;F8VPW9;F8VSF8;F8VWZ7;K7ENY4	Ras-related protein Rab-5C;Ras-related protein Rab-5B;Ras-related protein Rab-5A	RAB5C;RAB5B;RAB5A	0.000499093	0.000212831	0	0.000248205	0	0	0.000135286	0.000257153	0	0.000237308	8.27349E-05	0.000130813	0.348638872	0.405999885	0.551236548	0.548139096
P51149;C9J592;C9J8S3;C9J4S4;C9IZZ0;C9J4V0;C9J7D1	Ras-related protein Rab-7a	RAB7A	0.000263295	0.00012617	0	0.000125952	0	0	8.22496E-05	0	0	0.000129822	4.19839E-05	2.74165E-05	0.323397382	0.369048755	0.211186467	0.27388202
V9GYJ9;V9GYL9;P51398-2;P51398-3;P51398;V9GYC9;V9GYW1;V9GY11;V9GYA7;V9GZ03	28S ribosomal protein S29, mitochondrial	DAP3	0	0	0	0.000434364	0	0	8.958E-05	0	0	0	0.000144788	2.986E-05	#DIV/0!	0.373900966	#DIV/0!	0.373900966
P51532-5;P51532-2;P51532-3;P51532-4;P51532;P51531-2;P51531	Transcription activator BRG1	SMARCA4	7.24946E-06	1.14388E-05	0	1.68027E-05	0	0	5.33994E-06	0	1.27268E-05	6.22942E-06	5.60089E-06	6.02224E-06	0.899103269	0.927859527	0.966741096	0.968794741
P51570;P51570-2;K7EIl7	Galactokinase	GALK1	4.25907E-05	4.70346E-05	0	0.000104875	0	0	4.43571E-05	9.96469E-05	0	2.98751E-05	3.49584E-05	4.80013E-05	1.170150589	0.900142884	1.606732855	0.6066531
P51571;A6NLM8	Translocon-associated protein subunit delta	SSR4	0.000319812	0.000960384	6.77865E-05	0.003988067	0.001348381	0.0018768	0.002602883	0.003277672	0.00181957	0.000449327	0.002404416	0.002566708	5.351146078	0.082689106	5.712335975	0.013146955
P51572;P51572-2;C9JMD7;C9JSP1;C9JQ75;C9J0M4;C9JM14	B-cell receptor-associated protein 31	BCAP31	0.000310789	8.38372E-05	0	0.000678874	0.000110015	0.000161812	0.000589043	0.000165633	0.000103653	0.000131542	0.0003169	0.00028611	2.409113572	0.414853377	2.175040893	0.435500092
P51665;H3BNT7;H3BTM8;H3BQV2	26S proteasome non-ATPase regulatory subunit 7	PSMD7	0.159815571	0.144100227	0.088688144	0.353352901	0.178139274	0.18394356	0.232028514	0.178457282	0.158404064	0.130867981	0.238478578	0.189629953	1.822283623	0.154427634	1.449017187	0.129011453
P51858;P51858-2;P51858-3	Hepatoma-derived growth factor	HDGF	0.001592291	0.00068475	0.000117735	0.001237194	7.20077E-05	0.00024892	0.000709588	0.000313097	3.2075E-05	0.000798259	0.000519374	0.000351587	0.650633566	0.645755651	0.440441974	0.397803559
P51970	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 8	NDUFA8	6.20806E-05	0	0	8.10802E-05	0	0	0	0	0	2.06935E-05	2.70267E-05	0	1.30604754	0.861455117	0	0.373900966
P51991;H7C1J8	Heterogeneous nuclear ribonucleoprotein A3	HNRNPA3	0.009447631	0.004517779	0.000469108	0.004949314	0.005706445	0.00351802	0.004578793	0.004110549	0.002670515	0.004811506	0.004724593	0.003786619	0.981936466	0.975629608	0.786992483	0.719508855
P51991-2	Heterogeneous nuclear ribonucleoprotein A3	HNRNPA3	0	0	0	0.000182671	6.87591E-05	0.000210234	0.000166444	0	0	0	0.000153888	5.54813E-05	#DIV/0!	0.023716433	#DIV/0!	0.373900966
P52209;P52209-2;P52209;K7EM49;K7EMN2;K7EPF6;K7ELN9	6-phosphogluconate dehydrogenase, decarboxylating	PGD	0.001501405	0.000561271	0.000290591	0.001772967	0.000179548	0.000217279	0.000738546	0.000442459	0.000858358	0.000784422	0.000723265	0.000679788	0.922035008	0.928520016	0.866609447	0.800334169
P52272;P52272-2;P52272;A0A087X0X3;M0R2T0;M0R019;M0R2I7;M0R0N3;M0QYQ7;M0R0Y6;M0QY96	Heterogeneous nuclear ribonucleoprotein M	HNRNPM	0.007627962	0.009975501	0.000507927	0.002377256	0.015762156	0.001182881	0.002172883	0.004065014	0.001776836	0.00603713	0.006440764	0.002671578	1.066858586	0.94474039	0.442524415	0.315106518
P52292;J3QLL0;J3KS65;J3QL07	Importin subunit alpha-1	KPNA2	0.01927462	0.008192948	0.001672154	0.025778797	0.010438007	0.009242043	0.015337877	0.008515398	0.007631556	0.00971324	0.015152949	0.010494944	1.56003025	0.502997491	1.080478129	0.897289347
P52294;C9JYI4;C9J352;C9JWD9;F2Z3G4;C9J4U1;H0Y3K0;Q5TD90	Importin subunit alpha-5;Importin subunit alpha-5, N-terminally processed	KPNA1	0.002444557	0.001394043	0.000512854	0.00302682	0.000786736	0.001338699	0.002205759	0.001155978	0.001076534	0.001450484	0.001717419	0.001479424	1.184031161	0.775550689	1.019951601	0.967445788
P52298;C9JQX9;B3KSB0;P52298-3;P52298-2;F8WE41;A6PVI3	Nuclear cap-binding protein subunit 2	NCBP2	0.000317943	0.001865362	8.49523E-05	0.001272908	0.000195477	0.000666287	0.000710979	0.000116354	0.000627133	0.000756086	0.000711557	0.000484822	0.941106804	0.947858098	0.64122612	0.668939323
P52306-6;P52306-2;P52306-3;P52306-4;P52306;P52306-5;D6RBC6;D6REZ0;D6RB97	Rap1 GTPase-GDP dissociation stimulator 1	RAP1GDS1	2.02945E-05	5.71453E-05	0	2.48854E-05	0	0	6.32196E-05	0	0	2.58133E-05	8.29513E-06	2.10732E-05	0.321351146	0.401203276	0.816369966	0.868708563
P52597	Heterogeneous nuclear ribonucleoprotein F;Heterogeneous nuclear ribonucleoprotein F, N-terminally processed	HNRNPF	0.019856544	0.008826365	0.004980518	0.017044055	0.008926821	0.009375928	0.011308154	0.010990027	0.004888896	0.011221142	0.011782268	0.009062359	1.050006086	0.918925551	0.807614648	0.683672761
P52657;H0YK39;A8MYR4;REV__Q6UB9	Transcription initiation factor IIA subunit 2	GTF2A2	0.0001126	0	0.000789633	0.001169305	0.000540301	0.001710109	0.001899824	0.001932597	0.001548378	0.000300744	0.001139905	0.0017936	3.790279831	0.115374682	5.963871281	0.005626109
P52701;P52701-2;A0A087WWJ1;P52701-3;P52701-4;F8WAX8;U3KQ72;C9JH55;F8W7G9;C9J8Y8;REV__Q6ZP68;C9J7Y7;A0A087WYT	DNA mismatch repair protein Msh6	MSH6	7.75685E-05	3.68685E-05	0	0.000177071	3.63982E-05	4.15943E-05	0.000107545	9.46155E-05	0	3.81457E-05	8.5021E-05	6.7387E-05	2.228851203	0.411784973	1.766570224	0.511542786
P52888;K7EP46;K7EIK4;K7EKB6;K7EL32;K7EL02;P52888-2	Thimet oligopeptidase	THOP1	6.07702E-05	0	0	5.7583E-05	0	0	2.21033E-05	1.77497E-05	0	2.02567E-05	1.91943E-05	1.32843E-05	0.947553341	0.97145591	0.655798489	0.760414993
P52907	F-actin-capping protein subunit alpha-1	CAPZA1	0.007836544	0.000792371	0.013434269	0.003010922	0.002691847	0.003851781	0.002476489	0.007594815	0.002855762	0.007354395	0.00318485	0.004309022	0.43305401	0.319783248	0.585911132	0.48997298
P52948-6;P52948-5;P52948;P52948-2;H7C3P6;P52948-4;P52948-3;H0YCT1;H0YDF4	Nuclear pore complex protein Nup98-Nup96;Nuclear pore complex protein Nup98;Nuclear pore complex protein Nup96	NUP98	0.000303293	9.35766E-05	2.02744E-05	0	8.41338E-06	0	9.31686E-06	0	0	0.000139048	2.80446E-06	3.10562E-06	0.020169023	0.18361751	0.022334889	0.184429689
P53396-2;P53396;P53396-3;K7ESG8;K7EIE7	ATP-citrate synthase	ACLY	0.0010854	0.00056783	0.001556073	0.001370085	0.000709677	0.000836895	0.001264222	0.004118849	0.001434696	0.001069768	0.000972219	0.002272589	0.908813195	0.794176199	2.124376067	0.281671855
P53582;H0Y955	Methionine aminopeptidase 1	METAP1	0	0.000185832	0	0	0.000127818	0	0	5.39003E-05	0	6.19441E-05	4.2606E-05	1.79668E-05	0.687812575	0.809700169	0.290048169	0.532769342
P53597	Succinyl-CoA ligase [ADP/GDP-forming] subunit alpha, mitochondrial	SUCLG1	0.000431342	0.000258997	0	0.000540005	9.43026E-05	0.000144887	0.000134354	0.000226086	0	0.000230113	0.000259731	0.000120147	1.128711994	0.882810477	0.522120508	0.480480401
Q5T4U8;P53611	Geranylgeranyl transferase type-2 subunit beta	RABGGTB	0.000252189	9.95544E-05	0	0.000187379	0	0	0.000457624	0.000206223	0.000320012	0.000117248	6.24598E-05	0.000327953	0.532716328	0.599935113	2.797094017	0.110855041
P53618;E9PP73	Coatomer subunit beta	COPB1	0.000119594	1.06991E-05	0	0	0	0	0	0	0	4.34311E-05	0	0	0	0.319124837	0	0.319124837
P53621;P53621-2	Coatomer subunit alpha;Xenin;Proxenin	COPA	0.000239322	6.00159E-05	0	0.000126959	0	1.51743E-05	0.00014876	5.95643E-05	2.82529E-05	9.97792E-05	4.73779E-05	7.8859E-05	0.474827272	0.558854587	0.790334595	0.807657941
Q5T8R3;Q5T8R5;P53985-2;P53985	Monocarboxylate transporter 1	SLC16A1	0	0.000194323	0	0.00041719	0	0	0	0	0	6.47743E-05	0.000139063	0	2.146889278	0.653525061	0	0.373900966
P53992;G5EA31;P53992-2	Protein transport protein Sec24C	SEC24C	0.000175819	1.03545E-05	2.06796E-05	5.6309E-05	0	0.000120332	0.00011753	0.000130293	0.000110632	6.8951E-05	5.88803E-05	0.000119485	0.853943666	0.882251852	1.732896313	0.400968137
P54136;P54136-2;E5RJM9;E5RH09;E5RI24	Arginine--tRNA ligase, cytoplasmic	RARS	0.000811064	8.83969E-05	0	0.000618776	8.94225E-05	0.00015743	0.000344176	0.000288939	0	0.00029982	0.000288543	0.000211038	0.962386001	0.972368006	0.703881929	0.765579191
P54289-4;P54289-5;P54289-3;P54289-2;P54289	Voltage-dependent calcium channel subunit alpha-2/delta-1;Voltage-dependent calcium channel subunit alpha-2-1;Voltage-dependent calcium channel subunit delta-1	CACNA2D1	2.50105E-05	0	0	0	0	0	0	0	0	8.33684E-06	0	0	0	0.373900966	0	0.373900966
P54577	Tyrosine--tRNA ligase, cytoplasmic;Tyrosine--tRNA ligase, cytoplasmic, N-terminally processed	YARS	0.001383537	0.000556674	0.00017447	0.001722632	0.000329152	0.000574206	0.001311974	0.00074046	0.000754821	0.000704894	0.00087533	0.000935751	1.241790172	0.775415167	1.327507188	0.597743221
P54578;P54578-2;P54578;A6NJA2;B7Z4N8;J3QQT6;J3KS55;H0YA47	Ubiquitin carboxyl-terminal hydrolase 14;Ubiquitin carboxyl-terminal hydrolase	USP14	0.001341434	0.000355867	0.000798707	0.012710718	0.003709247	0.012352951	0.009509058	0.006948791	0.0096251	0.000832003	0.009590972	0.008694316	11.52757259	0.041444449	10.44986497	0.001023673
P54652	Heat shock-related 70 kDa protein 2	HSPA2	0.000179443	0.000271845	0.000320265	0.000923227	0.00018868	0.00042221	0.001081331	0.000574355	0.000341765	0.000257185	0.000511372	0.000665817	1.988347173	0.313363027	2.588868916	0.139769437
P54725-2;P54725-3;P54725;K7ENJ0;K7ELW1;K7EQ16	UV excision repair protein RAD23 homolog A	RAD23A	0.000753452	0.000423776	0	0.006318526	0.004523555	0.004825053	0.005142909	0.003570177	0.002993219	0.000392409	0.005222378	0.003902102	13.30849999	0.001262418	9.943961055	0.006635184
P54727;Q5W0S5;P54727-2;Q5W0S4;H0Y579	UV excision repair protein RAD23 homolog B	RAD23B	0.013665458	0.005421185	0.004634043	0.050970949	0.051735734	0.063647206	0.052797502	0.043828662	0.054894189	0.007906895	0.055451297	0.050506784	7.013030404	0.000692487	6.387688569	0.000668858
P54886	Delta-1-pyrroline-5-carboxylate synthase;Glutamate 5-kinase;Gamma-glutamyl phosphate reductase	ALDH18A1	0.051204653	0.016310125	0.00010662	0.004673009	0.004150116	0.001199284	0.002543717	0.004225174	0.001218125	0.022540466	0.003340803	0.002662339	0.148213572	0.272853777	0.11811373	0.258423921
P55010;H0YLZ1;H0YN40;H0YMJ8;H0YM54;H0YK11;H0YK29	Eukaryotic translation initiation factor 5	EIF5	0.000596618	0	0	0.000713759	0.000120315	0.000184046	0.000241744	0.000298203	0.000247413	0.000198873	0.000339373	0.000262453	1.706484919	0.634807499	1.319705071	0.766105316
P55036;A6PVX3;H0Y3Y9;H0Y561	26S proteasome non-ATPase regulatory subunit 4	PSMD4	0.007261708	0.00729673	0.020133491	0.026788633	0.006573041	0.013416903	0.018270031	0.019421981	0.005024851	0.011563976	0.015592859	0.014238954	1.348399447	0.611393034	1.231319924	0.692988121
P55060-3;P55060;P55060-4;P55060-2	Exportin-2	CSE1L	0.000436476	0.00031894	0	0.000896179	2.43707E-05	0	0.000254346	0.00021467	0	0.000251805	0.00030685	0.000156339	1.218599769	0.872683631	0.620872244	0.565161511
P55072;C9IZA5;C9JUP7	Transitional endoplasmic reticulum ATPase	VCP	0.004240812	0.001666652	0.000233873	0.014828686	0.004780991	0.007598402	0.011279763	0.00760289	0.007198073	0.002047112	0.009069359	0.008693575	4.430319059	0.094208928	4.246751138	0.019110354
P55145	Mesencephalic astrocyte-derived neurotrophic factor	MANF	0.000453833	0.000224631	0.000111954	0.001038742	7.85936E-05	0.000615891	0.000199862	0.000395959	0.000617841	0.000263472	0.000577742	0.000404554	2.19279942	0.347451354	1.535469977	0.420057202
P55263-3;P55263;P55263-2;P55263-4	Adenosine kinase	ADK	0.000154757	7.95665E-05	0	0.000152501	0	2.36569E-05	0.000500152	0	0	7.81078E-05	5.87193E-05	0.000166717	0.751772345	0.780756478	2.134455051	0.6347407
P55265-5;P55265;P55265-4;H0YCK3;P55265-3;P55265-2	Double-stranded RNA-specific adenosine deaminase	ADAR	0.000345954	0.001541915	0	2.30292E-05	0.001547215	0	0	0.000110789	0	0.00062929	0.000523415	3.69295E-05	0.831754724	0.885974177	0.058684452	0.27481161
P55735-2;P55735;P55735-3;A8MXL6;E7ERC8	Protein SEC13 homolog	SEC13	0.000560744	0.000532041	0	0.000477646	0	0.000413261	0.001169142	0.000445779	0	0.000364262	0.000296969	0.000538307	0.815261966	0.78957742	1.477802975	0.675720322
P55769;B1AHD1	NHP2-like protein 1;NHP2-like protein 1, N-terminally processed	NHP2L1	0.003259767	0.003114827	0.000175955	0.004867139	0.002360838	0.002924799	0.002644446	0.00317045	0.000929956	0.002183516	0.003384259	0.002248284	1.549912352	0.394294659	1.029662244	0.959916489
P55795	Heterogeneous nuclear ribonucleoprotein H2	HNRNPH2	0.002109837	0.000612588	0.000568431	0.002614377	0.000266473	0.000359042	0.001190662	0.000205162	9.43142E-05	0.001096952	0.001079964	0.000496713	0.984513573	0.986148631	0.452811711	0.384236758
P55884;P55884-2;C9JZG1;C9JQN7	Eukaryotic translation initiation factor 3 subunit B	EIF3B	0.001461364	0.0009511	0.000121537	0.001175171	0.000141067	0.000254332	0.000811396	0.001180608	0.000155453	0.000844667	0.000523523	0.000715819	0.619798732	0.562754285	0.847457026	0.806429613
P56192;P56192-2;H0YHV5;H0YIC2;H0YIP0;H0YHL6;H0YI94;H0YI27;F5H2V6	Methionine--tRNA ligase, cytoplasmic	MARS	0.000273756	6.10656E-05	0	0.000298181	9.1514E-05	0.000222813	0.000294692	0.000142065	8.44626E-05	0.000111607	0.000204169	0.00017374	1.829356525	0.418047611	1.556706186	0.582425882
P56270;P56270-2;I3L2Z5;A0A087WWR2;P56270-3;P56270;H3BQI4;H3BQS2;I3L0M3;P56270-4;I3L4Y2;I3L411;H3BPU3;I3L0V8;Q9HBE1-4;Q9HBE1-2;Q9HBE1-3;Q9HBE1	Myc-associated zinc finger protein	MAZ	0.000682671	0.001166686	0	0.001266213	0.000164427	0.000103765	0.000917263	0.000229652	0	0.000616453	0.000511468	0.000382305	0.829696467	0.846126874	0.620169801	0.620052585
P56537;P56537-2;B7ZBH1;F8WD20;F8WDS6	Eukaryotic translation initiation factor 6	EIF6	0.028307879	0.017307421	0.000445751	0.019246213	0.017793641	0.005056264	0.019029189	0.006354808	0.003403269	0.015353684	0.014032039	0.009595755	0.913920055	0.893539607	0.624980656	0.57382592
Q5SQP8;P56545;P56545-2;A0A087WYL1	C-terminal-binding protein 2	CTBP2	0.000220676	0.000143399	0.000563387	0.001635128	0.001474527	0.001847578	0.002668691	0.001250549	0.001167501	0.000309154	0.001652411	0.00169558	5.344941355	0.00133601	5.484578928	0.051315876
P57088;D6RAA6;J3KN43;D6RBY2;H0Y8N0	Transmembrane protein 33	TMEM33	3.86253E-05	0	0.000123682	0	0	0	0	0	0	5.41025E-05	0	0	0	0.212742714	0	0.212742714
P57740;P57740-2;P57740-3;G3V1T4	Nuclear pore complex protein Nup107	NUP107	9.78381E-05	2.20423E-05	0	0	0	0	0	0	0	3.99601E-05	0	0	0	0.248754584	0	0.248754584
P58107;A0A075B730;A0A087X1U6	Epiplakin	EPPK1	1.10658E-05	2.36835E-06	0	0.000237412	2.35792E-05	5.99203E-06	9.04999E-05	3.37525E-05	1.20347E-06	4.47805E-06	8.89945E-05	4.18186E-05	19.87347143	0.319743686	9.338568705	0.228791478
P60174-1;P60174;P60174-4;U3KPZ0;U3KQF3;U3KPS5	Triosephosphate isomerase	TPI1	0.032775962	0.017302929	0.004527508	0.042043644	0.009949136	0.005991554	0.019690967	0.014071874	0.01071786	0.018202133	0.019328111	0.0148269	1.061859708	0.939914171	0.814569402	0.71398626
P60228;E5RGA2;H0YBR5;E5RIT4;H0YAW4;E5RHS5;E5RIP5;E5RJ25;E5RII3	Eukaryotic translation initiation factor 3 subunit E	EIF3E	0.001217037	0.000507797	0.000195068	0.001405105	0.001654675	0.000846343	0.001475871	0.001565553	0.000914892	0.000639967	0.001302041	0.001318772	2.034542675	0.160920235	2.060686744	0.136030607
S4R3B5;P60468	Protein transport protein Sec61 subunit beta	SEC61B	0.004175938	0.002233882	0.00046899	0	0.003123516	0.001025092	0.002255498	0.001546464	0.001323438	0.002292937	0.001382869	0.001708467	0.603099618	0.554079095	0.745099789	0.625380158
P60604-2;P60604	Ubiquitin-conjugating enzyme E2 G2	UBE2G2	0	0	0	0.001292299	0	0.002888005	0.003208108	0.001051874	0	0	0.001393435	0.001419994	#DIV/0!	0.170575397	#DIV/0!	0.207046383
P60660;P60660-2;F8W1R7;G8JLA2;G3V1V0;P60660;J3KND3;B7Z6Z4;G3V1Y7;F8VPF3;F8VZU9;F8W180;F8VXL3;H0YI43	Myosin light polypeptide 6	MYL6	0.028591431	0.00849603	0.017913223	0.033514899	0.019531118	0.01026018	0.024147114	0.027808174	0.0102936	0.018333561	0.021102066	0.020749629	1.151007466	0.771518972	1.131783891	0.774528539
P60709;G5E9R0;E7EVS6;C9JZR7;C9JUM1;C9JTX5;F8WCH0	Actin, cytoplasmic 1;Actin, cytoplasmic 1, N-terminally processed	ACTB	0.007238508	0.000238033	0.000371365	0.001090511	0.002290664	0.004623989	0.00508187	0.007927472	0.001116091	0.002615969	0.002668388	0.004708477	1.020038184	0.984484695	1.799898273	0.529151265
P60842;J3KT12;P60842-2;J3QS69;J3KTB5;J3QL43;J3KSZ0;J3QR64;J3QLN6;J3KS25;J3QKZ9;J3KTN0;J3QL52;J3KT04;J3KS93;J3KSN7;J3QQP0;E7EMV8	Eukaryotic initiation factor 4A-I	EIF4A1	0.018331167	0.009664932	0.001611886	0.023116503	0.008221087	0.008445385	0.013702594	0.014535755	0.006130933	0.009869328	0.013260992	0.011456427	1.343656963	0.648732247	1.160811227	0.78793812
P60866;P60866-2;E5RJX2;E5RIP1;G3XAN0	40S ribosomal protein S20	RPS20	0.223790777	0.176368579	0.002182768	0.088196042	0.317751754	0.013465804	0.064585169	0.062906545	0.014784197	0.134114041	0.139804534	0.047425304	1.04243025	0.962473004	0.353619227	0.279264618
P60891;B1ALA9;P60891-2	Ribose-phosphate pyrophosphokinase 1	PRPS1	0.000935419	0.000343932	0	0.001344805	0.000262247	0.00025946	0.000971432	0.000751653	0.000183166	0.00042645	0.000622171	0.000635417	1.458952802	0.687945951	1.490014187	0.592976414
P60900;G3V295;G3V5Z7;P60900-2;G3V3I1;P60900-3;G3V3U4;G3V4S5;G3V2S7;H0YJC4	Proteasome subunit alpha type-6;Proteasome subunit alpha type	PSMA6	1.064413207	1.203043946	1.055098538	1.13410585	1.128888752	0.943028839	1.023357944	1.141061564	0.863140234	1.107518564	1.06867448	1.00918658	0.964926923	0.648604458	0.911214144	0.353093878
P60953;Q5JYX0;P60953-1	Cell division control protein 42 homolog	CDC42	0.002579673	0.00020756	0.000232918	0.001165722	0	0	0.000960899	0.000343088	0.000330264	0.001006717	0.000388574	0.00054475	0.385981269	0.519905427	0.5411154	0.600511394
P60981;F6RFD5;P60981-2	Destrin	DSTN	0.000759467	0.000497749	0	0.000686643	0.000591931	0.000306462	0.001041471	0.000944877	0.000506345	0.000419072	0.000528345	0.000830898	1.260750917	0.684998811	1.982708622	0.211275009
P61019;E9PE37;H7C125;H0YD31;E9PKL7;Q5HYI5;P61019-2;Q8WUD1	Ras-related protein Rab-2A;Ras-related protein Rab-2B	RAB2A;RAB2B;DKFZp313C1541	0	0	0	0	0	0	0	3.29876E-05	0	0	0	1.09959E-05	#DIV/0!	#DIV/0!	#DIV/0!	0.373900966
P61081;M0QX69;M0QYI6	NEDD8-conjugating enzyme Ubc12	UBE2M	0.001814729	0.000947131	0	0.00257273	0.000255401	0.000565162	0.001954078	0.001428766	0.000638815	0.00092062	0.001131098	0.001340553	1.228626055	0.825748331	1.456141777	0.55264289
P61088;Q5JXB2;F8VQQ8;F8VSD4;F8VV71;F8VZ29	Ubiquitin-conjugating enzyme E2 N;Putative ubiquitin-conjugating enzyme E2 N-like	UBE2N;UBE2NL	0.003146991	0.001980665	0	0.004608299	0.001329809	0.000820088	0.002161867	0.001632398	0.001566414	0.001709219	0.002252732	0.001786893	1.317989312	0.735570598	1.04544459	0.937960341
P61158;B4DXW1;F8WDR7;Q9P1U1-2;Q9P1U1;Q9P1U1-3;F8WEW2;F8WE84;H7C4J1;C9IZN3;Q9C0K3	Actin-related protein 3	ACTR3	0.005536341	0.001317224	0.001471835	0.003506436	0.002625131	0.004863984	0.004853611	0.002593964	0.000680012	0.002775133	0.003665183	0.002709196	1.320723453	0.591281901	0.976239911	0.973040268
P61160;P61160-2;F5H6T1	Actin-related protein 2	ACTR2	0.007114347	0.00089541	0.000750554	0.003173705	0.037358189	0.002657743	0.003247854	0.002332863	0.002307366	0.002920104	0.014396546	0.002629361	4.9301489	0.381147422	0.900434178	0.897554832
R4GMT0;P61163;P42025	Alpha-centractin;Beta-centractin	ACTR1A;ACTR1B	0.000173482	0.000151047	1.53132E-05	0.000139664	7.63907E-05	0	0.000385143	4.75097E-05	0	0.000113281	7.20183E-05	0.000144218	0.635750697	0.553091317	1.273100205	0.824807103

P61201;P61201-2;B4DIH5;H0YKU5;H0YMC2;H0YCS3;E9PMC9;Q7Z589-2;Q7Z589-6;Q7Z589;Q7Z589-5;Q7Z589-4;Q7Z589-7	COP9 signalosome complex subunit 2	COPS2	0.000118196	0	0	0.000120446	0	0	0.00014581	0	0	3.93986E-05	4.01486E-05	4.86033E-05	1.019036491	0.990000377	1.233630077	0.890155239
P61204-2;P84077;P61204;F5H423;F5H1V1;F5H6T5;F8WDB3;H0YGG7;F5H0C7;C9JPM4;C9J1Z8;P84085;P18085	ADP-ribosylation factor 3;ADP-ribosylation factor 1	ARF3;ARF1	0.002284522	0.000670794	0	0.001761637	0.00026499	0.000228517	0.001463011	0.000975002	7.11882E-05	0.000985105	0.000751715	0.0008364	0.763080715	0.796171778	0.84904674	0.860050399
P61221;D6R9I9;H0Y990;D6RGF4	ATP-binding cassette sub-family E member 1	ABCE1	0.000399206	6.61509E-05	2.509E-05	0.000409913	0	0.000154216	0.000398174	0.000180306	0.000115531	0.000163482	0.000188043	0.000231337	1.150234046	0.891024118	1.41505767	0.666450501
P61247;H0Y9Y4;D6RG13;D6RAT0;E9PFI5;H0Y8L7;D6RB09;D6R9B6;D6RI02;D6RAS7;D6RED7;D6RGE0	40S ribosomal protein S3a	RPS3A	0.120419115	0.126653544	0.00261671	0.03054137	0.207448666	0.00532332	0.027828772	0.039147234	0.004518608	0.08322979	0.081104452	0.023831538	0.974464219	0.978837566	0.286334234	0.226654616
P61254;J3KTJ8;J3QRI7;J3QQQ9;J3QQV1;J3QRC4;J3KS10;J3KSS0	60S ribosomal protein L26	RPL26	0.009327981	0.006796884	0.000288918	0.00571979	0.016975332	0	0.000556337	0.003450618	0.001755589	0.005471261	0.007565041	0.001920848	1.382686891	0.730498058	0.351079616	0.276504832
P61289;P61289-2;P61289-3;K9J957;K7ESG5;A0A087WTV2;K7ENH2;B7Z8D3;K7EJF8	Proteasome activator complex subunit 3	PSME3	0.137137905	0.151226547	0.098674635	0.88173651	0.959912592	0.458126002	0.419495561	0.552215565	0.589557436	0.129013029	0.766591701	0.520422854	5.94197118	0.015226552	4.03387826	0.001914971
P61313;E7EQV9;E7ENU7;E7EX53;P61313-2;E7ERA2	60S ribosomal protein L15;Ribosomal protein L15	RPL15	0.055586811	0.052295125	0	0.007823203	0.0678619	0.001648484	0.00536407	0.007334162	0.002196075	0.035960645	0.025777863	0.004964769	0.716835373	0.732259056	0.138061172	0.161386789
P61353;K7ELC7;K7EQQ9;K7ERY7	60S ribosomal protein L27	RPL27	0.128242555	0.110541081	0.000310743	0.023490433	0.0862167	0.004013202	0.019832351	0.022940566	0.002043451	0.079698126	0.037906778	0.014938789	0.475629479	0.424896661	0.187442165	0.185474491
P61457	Pterin-4-alpha-carbinolamine dehydratase	PCBD1	0	0	0	0.000507179	0	0	0	0	0	0	0.00016906	0	#DIV/0!	0.373900966	#DIV/0!	#DIV/0!
P61586;Q5JR08;P08134;E9PLA2;C9J1T2;C9JRM1;Q5JR06;Q5JR07;E9PN11;C9JNR4;E9PQH6;C9JX21;Q5JR05;U3KQA9;U3KQV3	Transforming protein RhoA;Rho-related GTP-binding protein RhoC	RHOA;RHOC	0.002504704	0.000338586	0	0.000509463	0.000350181	0.000370128	0.00068046	0.000438444	0	0.000947763	0.000409924	0.000372968	0.432517387	0.53147869	0.393524075	0.516849753
P61604;B8ZZL8;B8ZZ54	10 kDa heat shock protein, mitochondrial	HSPE1	0.0168741	0.006239087	0.001428679	0.017074283	0.003290664	0.006584063	0.011324052	0.008505304	0.002916224	0.008180622	0.008983003	0.00758186	1.098083161	0.902839167	0.926807308	0.913697737
P61956-2;P61956;A8MUA9;A8MU27;Q6EEV6;P55854;P55854-2	Small ubiquitin-related modifier 2	SUMO2	0.007221108	0.006757052	0.00285995	0.012519499	0.010003994	0.003562411	0.006874435	0.006623536	0.008370424	0.005612703	0.008695301	0.007289465	1.549218031	0.362868957	1.298744065	0.322403405
P61962;A0A087WWI6;P61962-2	DDB1- and CUL4-associated factor 7	DCAF7	0.000550347	0.001168917	0.000417231	0.001775654	0.003033228	0.001397214	0.002373233	0.001220065	0.000612171	0.000712165	0.002068699	0.001401823	2.904801166	0.067892623	1.968395504	0.28997936
P61964;V9GZ59;V9GYQ5	WD repeat-containing protein 5	WDR5	0.00073414	0.000174901	0	0.000283941	0	0	0	0	0	0.000303014	9.46469E-05	0	0.312351783	0.435643674	0	0.242940083
P61970;H3BRV9	Nuclear transport factor 2	NUTF2	0.006624147	0.000487177	0.002820117	0.03138999	0.002785364	0.001638158	0.009828165	0.009525707	0	0.00331048	0.011937837	0.006451291	3.60607397	0.432462748	1.948747637	0.442553413
P61978-2;P61978;Q5T6W1;S4R457;S4R359	Heterogeneous nuclear ribonucleoprotein K	HNRNPK	0.031555831	0.016954025	0.005220929	0.044157357	0.028142217	0.019280745	0.026303644	0.022047573	0.016717279	0.017910262	0.030526773	0.021689498	1.704429202	0.297247013	1.211009581	0.665323589
P61978-3;Q5T6W5;Q5T6W2	Heterogeneous nuclear ribonucleoprotein K	HNRNPK	0.001170638	0.00046822	0	0.000815616	0.000318095	5.6134E-05	0.000351387	0.000262873	0	0.000546286	0.000396615	0.000204753	0.726020741	0.731454662	0.374810181	0.391909191
P61981	14-3-3 protein gamma;14-3-3 protein gamma, N-terminally processed	YWHAG	0.004331892	0.002724743	0.000664053	0.008643611	0.004101258	0.010367715	0.008899518	0.007683643	0.00803532	0.002573563	0.007704194	0.00820616	2.993591032	0.075410085	3.1886381	0.00736811
P62081;B5MCP9	40S ribosomal protein S7	RPS7	0.080051709	0.054375071	0.000395453	0.022939614	0.077922182	0.002042375	0.014356991	0.017264756	0.003889733	0.044940744	0.03430139	0.01183716	0.763258166	0.760549592	0.263394838	0.236996719
P62136;P62136-2;P62136-3;E9PMD7;H0Y3Y6;F8W1A0;F5H1L6;F5H037	Serine/threonine-protein phosphatase PP1-alpha catalytic subunit;Serine/threonine-protein phosphatase	PPP1CA	0.00013665	2.52439E-05	0	0.000205729	0	0.000787543	0.000326773	0.000249011	0.000692719	5.39647E-05	0.000331091	0.000422834	6.135315352	0.311683726	7.835381193	0.061468467
P62140;E7ETD8;C9J9S3;C9JP48	Serine/threonine-protein phosphatase PP1-beta catalytic subunit;Serine/threonine-protein phosphatase	PPP1CB	0.005718716	0.001310021	0.001117393	0.003961646	0.00199637	0.003050375	0.00397124	0.002773191	0.001244701	0.002715377	0.003002797	0.002663044	1.10584913	0.866696222	0.980727209	0.976879052
P62166;P62166-2	Neuronal calcium sensor 1	NCS1	0.000324494	0	0	0	0	0	0	0	0	0.000108165	0	0	0	0.373900966	0	0.373900966
P62191	26S protease regulatory subunit 4	PSMC1	0.267526429	0.230171627	0.267917013	0.507291256	0.426126217	0.427147483	0.339633554	0.401387006	0.323219851	0.255205023	0.453521652	0.354746804	1.777087485	0.00260087	1.390046324	0.020797083
P62191-2	26S protease regulatory subunit 4	PSMC1	0.000438645	0.000519552	0	0.001230992	0	0.000941557	0.000590263	0.001376703	0.000393653	0.000319399	0.000724183	0.000786873	2.267329045	0.374281596	2.463604673	0.242235625
P62195;J3QQM1;J3QSE0;J3QRW1;J3KTQ9	26S protease regulatory subunit 8	PSMC5	0.25575475	0.227850594	0.251653906	0.439267296	0.439155153	0.476285824	0.419041315	0.459439402	0.364446856	0.245086417	0.451569424	0.414309191	1.842490623	0.000166203	1.690461662	0.004226429
P62241;Q5JR95	40S ribosomal protein S8	RPS8	0.102606933	0.101292886	7.54679E-05	0.023044852	0.086685284	0.00131508	0.018790994	0.027660127	0.001755077	0.067991762	0.037015072	0.016068733	0.544405244	0.506819252	0.236333521	0.209970694
P62249;M0R210;M0R3H0;M0R1M5;A0A087WZ27;Q6IPX4;M0QX76	40S ribosomal protein S16	RPS16;ZNF90	0.126779688	0.097314186	0.002513711	0.051221728	0.168607578	0.008970477	0.035016637	0.040015328	0.011039983	0.075535861	0.076266594	0.028690649	1.009673989	0.990973158	0.379828187	0.291015811
P62258;P62258-2;B4DJF2;I3L3T1;K7EIT4;K7EM20;I3L0W5	14-3-3 protein epsilon	YWHAE	0.043288844	0.017231051	0.012163626	0.0550394	0.029209389	0.049024396	0.064721442	0.045084819	0.045643817	0.02422784	0.044424395	0.051816693	1.833609374	0.178807364	2.138725211	0.076176743
P62263;H0YB22;E5RH77	40S ribosomal protein S14	RPS14	0.154591352	0.086980347	0.000611752	0.023271001	0.222417656	0.000896882	0.013346296	0.008708981	0.000735828	0.080727817	0.08219518	0.007597035	1.018176667	0.986793107	0.094106779	0.177262669
P62266;D6RD47;D6RDJ2;D6RIX0;D6R9I7	40S ribosomal protein S23	RPS23	0.07221538	0.045877094	0.000212045	0.019421311	0.098857054	0.001640271	0.014368631	0.018611311	0.000599054	0.03943484	0.039972879	0.011192999	1.013643739	0.988958781	0.283835278	0.263460168
P62269;J3JS69	40S ribosomal protein S18	RPS18	0.141423398	0.128425016	0.002905675	0.068543432	0.227389224	0.013858911	0.05218711	0.052419878	0.01036226	0.09091803	0.103263856	0.038323083	1.135790733	0.881593235	0.421512464	0.319652631
P62273;A0A087WTT6;P62273-2	40S ribosomal protein S29	RPS29	0.03059992	0.037539344	0	0.00947499	0.038215356	0.00104076	0.010508398	0.006723804	0.00087554	0.022713088	0.016243702	0.006035914	0.71516924	0.708562137	0.265746083	0.232640092
P62277;J3KMX5;E9PS50	40S ribosomal protein S13	RPS13	0.095982141	0.071612112	0.000220297	0.020873593	0.062333174	0.002959457	0.014268697	0.019800622	0.002014893	0.055938183	0.028722075	0.012028071	0.513460987	0.464441045	0.215024343	0.207202249
P62280;M0QZC5;M0R1H6;M0R1H5	40S ribosomal protein S11	RPS11	0.109390685	0.099458521	0.000787865	0.024990633	0.176870667	0.00273964	0.023193199	0.032056677	0.003308613	0.069879024	0.068200313	0.019519496	0.975976906	0.980564284	0.279332697	0.23108184
P62304;A6NHK2	Small nuclear ribonucleoprotein E	SNRPE	0.00656314	0.003700326	0	0.003114369	0.010678013	6.46893E-05	0.003026409	0.003590141	6.84042E-05	0.003421155	0.004619024	0.002228318	1.350135618	0.761277188	0.65133503	0.615125238
P62306;F8W0W6	Small nuclear ribonucleoprotein F	SNRPF	0.017761272	0.015549425	0.001004824	0.009355869	0.014980419	0.003739974	0.006965852	0.007743086	0.002819963	0.011438507	0.009358754	0.005842967	0.818179689	0.753261787	0.510815516	0.364427011
P62310;REV__Q9Y4P9	U6 snRNA-associated Sm-like protein LSm3	LSM3	0.001180218	0.002134003	0	0.003413961	0.0005031	0.002894414	0.000617177	0.002162856	0.000680524	0.00110474	0.002270492	0.001153519	2.055226538	0.344411915	1.044153925	0.954160239
P62312	U6 snRNA-associated Sm-like protein LSm6	LSM6	0.001765623	0.001097205	0.000816927	0	0.000570273	0.001772565	0.000383241	0.001301109	0.000805274	0.001226585	0.000780946	0.000829875	0.636683241	0.494419017	0.676573638	0.362942736
P62314;J3QLI9;J3QLR7	Small nuclear ribonucleoprotein Sm D1	SNRPD1	0.009231745	0.009904672	0	0.004073153	0.010214857	0.000518825	0.002499882	0.003964745	0	0.006378806	0.004935612	0.002154876	0.773751666	0.752352556	0.337818068	0.281788919
P62316;K7EJB5;K7ERG4	Small nuclear ribonucleoprotein Sm D2	SNRPD2	0.008268315	0.006028547	0.001139596	0.001758435	0.014501263	0.001650122	0.002906034	0.004091931	0.000271321	0.005145486	0.00596994	0.002423096	1.160228627	0.870814976	0.47091678	0.317977808
P62316-2	Small nuclear ribonucleoprotein Sm D2	SNRPD2	0.033358101	0.015338286	0.001816165	0.007577126	0.037332474	0.003497368	0.005825696	0.011307207	0.000596219	0.016837517	0.016135656	0.005909707	0.958315617	0.962532737	0.35098448	0.320534445
P62318-2;P62318;H3BT13	Small nuclear ribonucleoprotein Sm D3	SNRPD3	0.023706614	0.021435865	0.000409406	0.007868881	0.019868842	0.002081092	0.009282503	0.0088171	0.000601684	0.015183962	0.009939605	0.006233762	0.654612094	0.594493243	0.410549147	0.322370782
P62424;Q5T8U3;Q5T8U2	60S ribosomal protein L7a	RPL7A	0.150161936	0.128124031	0	0.020638487	0.148404155	0.002249848	0.016391443	0.025457366	0.000606603	0.092761989	0.057097497	0.014151804	0.615526872	0.615581874	0.152560377	0.172389812
P62487;E9PIU7;H0YEE4;E9PKH3	DNA-directed RNA polymerase II subunit RPB7	POLR2G	0.000851019	5.57198E-05	5.05358E-05	0.001900506	0.000793508	8.37512E-05	0.00190871	0.000771011	0.000155039	0.000319092	0.000925922	0.00094492	2.901742443	0.363101555	2.961282027	0.340144238
P62495;B7Z7P8;P62495-2;I3L492;D6RCB3;D6RJE8	Eukaryotic peptide chain release factor subunit 1	ETF1	0.000500382	0.000363519	0	0.000530354	0	0.000142131	0.000410922	0.000298741	0	0.000287967	0.000224162	0.000236554	0.778428197	0.784076488	0.821463025	0.803317747
P62633-2;P62633;P62633-7;P62633-3;P62633-5;P62633-6;D6RAT4	Cellular nucleic acid-binding protein	CNBP	0.00639838	0.002069164	0.000439929	0.007117438	0.003412953	0.002209516	0.006651571	0.003505799	0.002789117	0.002969157	0.004246636	0.004315496	1.430249367	0.609895907	1.453441193	0.562941386
P62633-8;P62633-4	Cellular nucleic acid-binding protein	CNBP	0.000118262	0	0	7.42039E-05	0	0	0.000103872	4.61234E-05	0	3.94208E-05	2.47346E-05	4.99984E-05	0.627451173	0.768105909	1.268324466	0.841450273
P62699	Protein yippee-like 5	YPEL5	0	0	0	5.64568E-05	9.66227E-05	0.000190842	0.000112111	0.000249257	0.000165584	0	0.00011464	0.000175651	#DIV/0!	0.045079483	#DIV/0!	0.01168006
P62701;A6NH36;Q8TD47;C9JEH7;P22090	40S ribosomal protein S4, X isoform	RPS4X	0.091316432	0.107472824	0.000350741	0.027641731	0.155527212	0.005902061	0.027496321	0.036215453	0.005643478	0.066379999	0.063023668	0.023118418	0.94943761	0.956147249	0.348273844	0.278854758
P62753;A2A3R7	40S ribosomal protein S6	RPS6	0.08887832	0.08026732	3.95335E-05	0.014132101	0.125386368	0.000639724	0.009069008	0.017547167	0.000142766	0.056395058	0.046719398	0.008919647	0.828430708	0.851919915	0.158163626	0.173783179
P62805	Histone H4	HIST1H4A	0.04734234	0.060954826	0.000959288	0.011489511	0.047775623	0.003400516	0.008436755	0.018143168	0.001709406	0.036418818	0.02088855	0.009429776	0.57356475	0.531713922	0.258925935	0.223968925
P62829;C9JD32;J3KT29;B9ZVP7;J3KTJ3;J3QQT9	60S ribosomal protein L23	RPL23	0.052978997	0.02263831	0	0.006370697	0.028513656	0.000911243	0.003650145	0.006967633	0.001210439	0.025205769	0.011931865	0.003942739	0.473378342	0.490726605	0.156422094	0.240460211
P62851	40S ribosomal protein S25	RPS25	0.168702329	0.108756131	0.000136457	0.05813384	0.172059103	0.00298462	0.042321469	0.053451721	0.003323233	0.092531639	0.077725855	0.033032141	0.839992195	0.843013738	0.356982126	0.313254759
P62854;Q5JNZ5	40S ribosomal protein S26;Putative 40S ribosomal protein S26-like 1	RPS26;RPS26P11	0.06796211	0.053946803	0.00193201	0.013351773	0.211623068	0.002755545	0.016628218	0.014838578	0.003855574	0.041280307	0.075910129	0.011774123	1.838894465	0.650510898	0.285223732	0.22307313
P62857	40S ribosomal protein S28	RPS28	0.068267142	0.034796032	0.000493809	0.017580096	0.19279397	0.003074826	0.023285183	0.020787154	0.048718165	0.034518995	0.07114963	0.030930168	2.061173317	0.597872417	0.896033272	0.875551239
P62873;P62873-2;F6UT28;B1AKQ8;F6X3N5;B3KVK2;F5H8J8;F5H100;F5H0S8;E9PCP0;P16520-2;P16520	Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-1	GNB1	0.004711249	0.000231579	0	0.000653438	0.000403668	0	0.000148533	0.000225301	0.000236233	0.001647609	0.000352369	0.000203355	0.213866618	0.449025789	0.123424508	0.399626266
P62875	DNA-directed RNA polymerases I, II, and III subunit RPABC5	POLR2L	0.000848699	0.000451164	0	0.001786357	0.000350724	0.000760647	0	0.001133614	0	0.000433288	0.000965909	0.000377871	2.22925599	0.340187962	0.872102749	0.908018314
P62877	E3 ubiquitin-protein ligase RBX1;E3 ubiquitin-protein ligase RBX1, N-terminally processed	RBX1	0.00241749	0.001317149	0.001392876	0.002250299	0.002231434	0.000385344	0.000698402	0.001003759	0.00088613	0.001709172	0.001622359	0.000862764	0.949207685	0.908973696	0.504784601	0.081688615
P62879;C9JIS1;C9JXA5;C9JZN1;E7EP32;P62879-2;C9JD14	Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-2	GNB2	0.008030948	0.00014437	0	0.001003812	0.000845738	0.000316741	0.001496852	0.000402867	0.00030765	0.002725106	0.000722097	0.00073579	0.264979403	0.493544941	0.270004097	0.499219455
P62888;E5RI99;E5RJH3	60S ribosomal protein L30	RPL30	0.066398281	0.047376032	0.000417231	0.008478813	0.060575982	0.002595311	0.010010431	0.009239707	0.000671779	0.038063848	0.023883369	0.006640639	0.627455441	0.626045664	0.174460534	0.188316084
Q59GN2;P62891	Putative 60S ribosomal protein L39-like 5;60S ribosomal protein L39	RPL39P5;RPL39	0.035136742	0.02568111	0	0	0.008968823	0	0.002222367	0	0	0.020272617	0.002989608	0.000740789	0.14747023	0.188490638	0.036541358	0.137030774
P62899;H7C2W9;C9JU56;B7Z4E3;B7Z4C8;P62899-3;P62899-2;B8ZZK4	60S ribosomal protein L31	RPL31	0.098596399	0.044430566	0	0.028508264	0.123037731	0.004440729	0.016368163	0.025253241	0.007485354	0.047675655	0.051995575	0.016368919	1.090610594	0.929807173	0.343339153	0.340596801
P62906	60S ribosomal protein L10a	RPL10A	0.05926009	0.051230445	0.000957025	0.014653812	0.085185242	0.002862842	0.010396824	0.013513333	0.00295988	0.037149187	0.034233966	0.008956679	0.921526652	0.930754732	0.241100264	0.202412989
P62913;Q5VVC8;Q5VVC9	60S ribosomal protein L11	RPL11	0.104346907	0.06197009	0.003195347	0.022429098	0.122743437	0.005406167	0.026058635	0.030547045	0.008323626	0.056504115	0.050192901	0.021643102	0.888305229	0.899465578	0.383035856	0.311263101
P62913-2	60S ribosomal protein L11	RPL11	0.000804835	0.000831574	0	0	0.002589244	0	0.000287935	0.000539609	0	0.00054547	0.000863081	0.000275848	1.582272243	0.743377348	0.505707366	0.439253087
P62917;E9PKZ0;G3V1A1;E9PKU4;E9PP36	60S ribosomal protein L8	RPL8	0.058213957	0.056490955	4.88482E-05	0.019832634	0.070421972	0.005112524	0.008551452	0.012830522	0.000684691	0.038251253	0.031789043	0.007355555	0.831058867	0.825760512	0.192295793	0.187123729
P62937;F8WE65;C9J5S7;P62937-2;A0A075B767;A0A075B759;Q9Y536;F5H284;E5RIZ5;A2BFH1	Peptidyl-prolyl cis-trans isomerase A;Peptidyl-prolyl cis-trans isomerase A, N-terminally processed;Peptidyl-prolyl cis-trans isomerase	PPIA	0.02068851	0.010088259	0.003911867	0.02223049	0.004084686	0.005403556	0.017580146	0.018981204	0.004225179	0.011562878	0.01057291	0.01359551	0.914383951	0.902947805	1.175789381	0.779597576
P62979	Ubiquitin-40S ribosomal protein S27a;Ubiquitin;40S ribosomal protein S27a	RPS27A	0.212055616	0.134756196	0.077037631	0.567097707	0.338380903	0.414043926	0.472159628	0.445868421	0.382107276	0.141283148	0.439840845	0.433378442	3.1131869	0.018512108	3.067446104	0.003513607
P62987;J3QTR3;F5H6Q2;F5GYU3;F5H2Z3;F5H265;B4DV12;F5H388;F5H747;J3QKN0;Q5PY61;Q96C32;P0CG47;P0CG48;M0R1V7;A0A087WV77;F5GZ39;M0R2S1;J3QLP7;J3QRK5;M0R1M6;J3QSA3;K7EMA8;J3KSM4	Ubiquitin-60S ribosomal protein L40;Ubiquitin;60S ribosomal protein L40;Polyubiquitin-B;Ubiquitin;Polyubiquitin-C;Ubiquitin	UBA52;RPS27A;UBC;UBB;UBBP4	0.000595114	0	0	0	0	0	0	0	0	0.000198371	0	0	0	0.373900966	0	0.373900966
P62993;J3KT38;P62993-2;J3QRL5;J3QLF6	Growth factor receptor-bound protein 2	GRB2	0.000349885	0	0.00041009	0.000531362	0	0.000461734	0.001146771	0.000703381	0.000782012	0.000253325	0.000331032	0.000877388	1.306748419	0.730247086	3.463487193	0.02895314
P63000;P63000-2;B1AH78;P60763;P15153;B1AH77;B1AH80;F8WET9;B1AH79;J3KSC4;J3QLK0;G3V4H1;G3V476;P84095;Q9H4E5-2;P17081;Q9H4E5	Ras-related C3 botulinum toxin substrate 1;Ras-related C3 botulinum toxin substrate 3;Ras-related C3 botulinum toxin substrate 2	RAC1;RAC2;RAC3	0.002351328	0.000413683	0	0.001594062	0.000381211	0	0.001617937	0.000357175	0	0.00092167	0.000658424	0.00065837	0.714381573	0.777192471	0.7143231	0.778534191
P63010;P63010-2;P63010-3;A0A087X253;A0A087WU93;A0A087WZQ6;A0A087WYD1	AP-2 complex subunit beta	AP2B1	7.04969E-05	0	0	3.84969E-05	0	0	0	0	0	2.3499E-05	1.28323E-05	0	0.546079486	0.710692338	0	0.373900966
P63092-3;P63092-2;P63092;P63092-4;Q5JWF2-2;Q5JWF2;S4R3E3;H0Y7F4;Q5JWE9;S4R3V9	Guanine nucleotide-binding protein G(s) subunit alpha isoforms short;Guanine nucleotide-binding protein G(s) subunit alpha isoforms XLas	GNAS	0.00100113	9.28129E-05	8.08866E-05	0.002541158	0.001149689	0.001342759	0.002844711	0.001661066	0.000702318	0.00039161	0.001677869	0.001736032	4.28454327	0.072698697	4.433065667	0.12337552
P63096;P63096-2;C9JPP4;C9JL77	Guanine nucleotide-binding protein G(i) subunit alpha-1	GNAI1	0.000815339	0	0	3.5389E-05	0	0	4.54444E-05	0	0	0.00027178	1.17963E-05	1.51481E-05	0.043404062	0.393345441	0.055736817	0.399165782
P63104;E7EX29;B0AZS6;P63104-2;B7Z2E6;H0YB80;E7ESK7;E9PD24;E7EVZ2;E5RIR4;E5RGE1;REV__P53355-4;REV__P53355;REV__P53355-3	14-3-3 protein zeta/delta	YWHAZ	0.022664777	0.00858962	0.004089582	0.029424057	0.013248942	0.014648685	0.020307889	0.014751544	0.014574458	0.011781326	0.019107228	0.016544631	1.621823173	0.39082195	1.404309667	0.46493776
P63151;P63151-2;E5RIY1;E5RFR9;Q66LE6;Q9Y2T4-3;Q00005-6;Q9Y2T4-4;Q00005;Q00005-2;Q9Y2T4-2;Q9Y2T4;Q00005-3;Q00005-4;Q00005-5;Q00005-	Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B alpha isoform	PPP2R2A	0.001200582	0.000279737	0.000210735	0.002053997	0.000420755	0.001022362	0.001979658	0.001116881	0.000744095	0.000563685	0.001165705	0.001280211	2.068008581	0.353293402	2.271147876	0.214008046
P63167;F8VXL2;F8VRV5;F8VXI7	Dynein light chain 1, cytoplasmic	DYNLL1	0.009010704	0.009182457	0.002980391	0.018642551	0.008513953	0.009169404	0.012510484	0.019686447	0.002545321	0.007057851	0.012108636	0.011580751	1.715626508	0.260393304	1.64083246	0.447226013
Q5VTU3;P63172	Dynein light chain Tctex-type 1	DYNLT1	0	0	0	0.000446253	0.001950855	0	0.000462109	0.000456905	0	0	0.000799036	0.000306338	#DIV/0!	0.247187734	#DIV/0!	0.116129281
P63173;J3KT73;J3QL01;J3KSP2	60S ribosomal protein L38	RPL38	0.023889204	0.011844308	0	0.001850417	0.01499442	0	0.00165033	0.000763519	0	0.01191117	0.005614946	0.000804616	0.471401682	0.493118459	0.067551413	0.183402068
P63218	Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-5	GNG5	0.00244649	0	0	0.000358077	0	0	0	0	0	0.000815497	0.000119359	0	0.14636374	0.445871637	0	0.373900966
Q8WVC2;P63220;Q9BYK1;Q9BYK2	40S ribosomal protein S21	RPS21	0.043290992	0.02857716	0.000838564	0.027234214	0.034686686	0.007155919	0.017892156	0.014347331	0.007445729	0.024235572	0.023025606	0.013228405	0.950074805	0.939244192	0.545825998	0.438907641
P63244;J3KPE3;D6RAC2;H0Y8W2;D6REE5;H0YAF8;D6R9Z1;H0YAM7;D6R9L0;D6RFX4;D6RFZ9;D6RAU2;E9PD14;D6RBD0;H0Y8R5;D6RGK8;D6RHJ5;D6R909;D6RDI0	Guanine nucleotide-binding protein subunit beta-2-like 1;Guanine nucleotide-binding protein subunit beta-2-like 1, N-terminally processed	GNB2L1	0.153081226	0.105448284	0.012998701	0.118956844	0.157030111	0.036929718	0.092543969	0.070306656	0.03363439	0.090509404	0.104305558	0.065495005	1.15242785	0.811910588	0.723626518	0.604547924
P63261;I3L3I0;I3L1U9;I3L4N8;I3L3R2;J3KT65;K7EM38	Actin, cytoplasmic 2;Actin, cytoplasmic 2, N-terminally processed	ACTG1	1.456981497	0.427773916	0.824138847	1.54139875	1.374867068	1.009258776	1.245852983	1.21120447	1.167227394	0.902964753	1.308508198	1.208094949	1.449124335	0.296921041	1.337920384	0.367438989
P67775;P62714;P67775-2;E5RHC1;E7ESG8;H0YC23;E5RFI3;E5RHP4;H0YBN9;E5RI56	Serine/threonine-protein phosphatase 2A catalytic subunit alpha isoform;Serine/threonine-protein phosphatase 2A catalytic subunit beta isoform;Serine/threonine-protein phosphatase	PPP2CA;PPP2CB	0.000873338	0.000211199	0.000311804	0.001948669	8.67996E-05	0.001377108	0.000741044	0.001769297	0.001900323	0.000465447	0.001137526	0.001470221	2.443942012	0.316758366	3.158729734	0.075195388
P67809;A0A087X1S2;H0Y449;C9J5V9;Q9Y2T7	Nuclease-sensitive element-binding protein 1	YBX1	0.033132549	0.015455087	0.002975206	0.036607101	0.027794778	0.011256715	0.026252541	0.021321918	0.012912602	0.017187614	0.025219531	0.020162354	1.467308482	0.522640698	1.173074643	0.771590337
Q5SRQ6;P67870;Q5SRQ3;N0E472	Casein kinase II subunit beta	CSNK2B;CSNK2B-LY6G5B-1181;CSNK2B-LY6G5B--991	0.004678813	0.002171289	4.89048E-05	0.004776903	0.004368979	0.001191807	0.003385547	0.003069509	0.000938769	0.002299669	0.003445896	0.002464609	1.498431556	0.548977928	1.071723238	0.920018323
P67936;P67936-2;K7ENT6;K7EMU5;K7EPB9;K7EPV9;U3KQK2;Q2TAC2-2;Q2TAC2	Tropomyosin alpha-4 chain	TPM4	0.008020208	0.000916374	0.001745361	0.008706306	0.00279605	0.003938189	0.007581638	0.006502182	0.002898632	0.003560648	0.005146848	0.005660818	1.445480844	0.611335649	1.589828046	0.472741235
P68032;P68133;P62736;P63267;Q5T8M7;Q5T8M8;A6NL76;P63267-2;C9JFL5;F6UVQ4;F6QUT6;F8WB63;B8ZZJ2	Actin, alpha cardiac muscle 1;Actin, alpha skeletal muscle;Actin, aortic smooth muscle;Actin, gamma-enteric smooth muscle	ACTC1;ACTA1;ACTA2;ACTG2	0.049795489	0.002885119	0.075078988	0.022361701	0.112417433	0.138045502	0.018818532	0.031388222	0.095287703	0.042586532	0.090941546	0.048498152	2.135453197	0.303206414	1.138814321	0.861337361
P68036-2;P68036;P68036-3	Ubiquitin-conjugating enzyme E2 L3	UBE2L3	0.000363826	0.000271231	0	0.000343993	0	0	0.00014399	0	0	0.000211686	0.000114664	4.79967E-05	0.541672537	0.573124224	0.226735359	0.2417954
Q5VTE0;P68104;A0A087WVQ9;P68104-2;A0A087WV01;A6PW80;Q5JR01	Putative elongation factor 1-alpha-like 3;Elongation factor 1-alpha 1;Elongation factor 1-alpha	EEF1A1P5;EEF1A1	0.043200771	0.022602372	0.002970256	0.03748259	0.017392201	0.010568779	0.023583282	0.017914368	0.008167859	0.022924466	0.021814523	0.01655517	0.951582608	0.941234146	0.722161621	0.636057261
P68363;P68366-2;P68366;P68363-2;C9JDS9	Tubulin alpha-1B chain;Tubulin alpha-4A chain	TUBA1B;TUBA4A	0.043177142	0.021504747	0.002856179	0.047565273	0.026421026	0.023410977	0.034954178	0.024535437	0.014914345	0.022512689	0.032465758	0.02480132	1.44210929	0.513827631	1.101659579	0.868893344
P68371;Q13509-2	Tubulin beta-4B chain	TUBB4B	0.028344397	0.029376794	0.002541523	0.046665153	0.029406538	0.012519832	0.029636669	0.025627845	0.007723103	0.020087571	0.029530508	0.020995872	1.470088496	0.513888662	1.045217061	0.938520807
P68871;P02042;F8W6P5;E9PFT6;C9JRG0;E9PEW8	Hemoglobin subunit beta;LVV-hemorphin-7;Spinorphin;Hemoglobin subunit delta	HBB;HBD	0.000934774	0	0	0.00013674	0	0	4.80762E-05	0	0	0.000311591	4.55799E-05	1.60254E-05	0.146281077	0.445825963	0.051430796	0.397118774
P78318	Immunoglobulin-binding protein 1	IGBP1	0	2.21142E-05	0	0.000291106	0.000159262	2.67222E-05	0.000154071	0.000235866	1.34407E-05	7.3714E-06	0.00015903	0.000134459	21.57389999	0.119086359	18.24067774	0.123788484
Q5VUC9;Q5VUC3;P78345	Ribonuclease P protein subunit p38	RPP38	0	0.000229108	9.49247E-05	0	0	0	0	0	0	0.000108011	0	0	0	0.179448746	0	0.179448746
P78346;P78346-2;Q5VU11;Q5VU10	Ribonuclease P protein subunit p30	RPP30	0.000418475	0.000617095	0	0.000279037	4.98043E-05	0	0.000138471	4.71732E-05	0	0.00034519	0.000109614	6.18814E-05	0.317546214	0.30653411	0.179267651	0.203081892
P78347-2;P78347-4;P78347-3;P78347;P78347-5;A0A087WW90;Q86UP8-3;Q86UP8;Q6EKJ0;C9J6M0;Q86UP8-2;Q6EKJ0-2;Q86UP8-5	General transcription factor II-I	GTF2I	0.000839656	0.000677188	1.24764E-05	0.00069916	0.001134117	9.52168E-05	0.000653233	0.000518411	0.000142308	0.000509773	0.000642831	0.000437984	1.261014383	0.752198554	0.859174632	0.820077282
P78356;A0A087WT35;P78356-2	Phosphatidylinositol 5-phosphate 4-kinase type-2 beta	PIP4K2B	0	1.73149E-05	0	5.4914E-05	0	0	0	3.12671E-05	0	5.77164E-06	1.83047E-05	1.04224E-05	3.171487226	0.549387077	1.805790251	0.716162717
P78362;P78362-2;H7C5L6;C9J2M4;C9JWF7	SRSF protein kinase 2;SRSF protein kinase 2 N-terminal;SRSF protein kinase 2 C-terminal	SRPK2	0.000560336	0.000341821	9.24664E-05	0.000191172	0.000593217	7.82985E-05	0.000149583	0.000385461	0.000376027	0.000331541	0.000287563	0.00030369	0.867350941	0.841842691	0.915995583	0.866649967
P78363;F6TT59	Retinal-specific ATP-binding cassette transporter	ABCA4	6.52641E-05	0.0001727	5.32605E-05	6.9204E-05	0.000167779	9.52263E-05	8.5418E-05	9.56048E-05	0	9.70748E-05	0.000110736	6.03409E-05	1.140732821	0.790402724	0.621591943	0.491705555
P78371;P78371-2;F5GWF6;F8VQ14	T-complex protein 1 subunit beta	CCT2	0.007226049	0.006869959	0.004607409	0.014666575	0.011008594	0.007705461	0.013078575	0.011810118	0.006406941	0.006234472	0.011126877	0.010431878	1.784734318	0.087320976	1.673257565	0.129540005
P78406;E9PQ57;E9PPG9;B0QZ36;B0QZ37	mRNA export factor	RAE1	0.002629939	0.001250258	0.001449161	0.00107833	0.000720592	0.001674027	0.00111557	0.000570878	0.000937027	0.001776453	0.001157649	0.000874492	0.651663546	0.293842249	0.49226854	0.121128027
P78417;Q5TA02;P78417-3;P78417-2;Q5TA01	Glutathione S-transferase omega-1	GSTO1	0.003504437	0.001721158	0.00010535	0.005763676	0.000944255	0.00075457	0.001648513	0.001785851	0.000159846	0.001776982	0.0024875	0.00119807	1.399845765	0.728826406	0.674216274	0.629876475
P78527;P78527-2;F5GX40;H0YG84	DNA-dependent protein kinase catalytic subunit	PRKDC	0.000738716	0.000121219	0.000170883	0.001158467	0.000260182	0.00112109	0.001129509	0.000515406	0.000802405	0.000343606	0.00084658	0.000815773	2.463809366	0.228405352	2.374153337	0.150435725
P78563-2;P78563-3;P78563-4;P78563;P78563-5	Double-stranded RNA-specific editase 1	ADARB1	4.78923E-05	3.17832E-05	0	0.000164343	0.000127892	0	0	0	0	2.65585E-05	9.74119E-05	0	3.667825704	0.243007518	0	0.132115646
P79522-2;P79522	Proline-rich protein 3	PRR3	0	0.000247767	0	0	0	0	0	0	0	8.25889E-05	0	0	0	0.373900966	0	0.373900966
P80723;P80723-2;U3KQP0	Brain acid soluble protein 1	BASP1	0.006500845	0.000317877	0.000659999	0.001200786	0.001103259	0.000824432	0.000961978	0.000781913	0.000726947	0.002492907	0.001042826	0.000823613	0.418317244	0.51047363	0.330382361	0.452465026
P81605;P81605-2	Dermcidin;Survival-promoting peptide;DCD-1	DCD	0.00054618	0.000318071	0	0	0.001252607	0.001259437	0	0.001133861	0.003400604	0.000288084	0.000837348	0.001511489	2.906611688	0.287089034	5.246696743	0.293326867
P82663;E7EPW2;P82663-3;P82663-2	28S ribosomal protein S25, mitochondrial	MRPS25	8.25478E-05	0	0	0.000157816	0.000126835	0	0.000133375	0	0	2.75159E-05	9.48838E-05	4.44583E-05	3.448321952	0.292089434	1.615729454	0.762142426
P82673	28S ribosomal protein S35, mitochondrial	MRPS35	3.70099E-05	0	0	0	0	0	1.92697E-05	0	0	1.23366E-05	0	6.42322E-06	0	0.373900966	0.520662176	0.692593854
P82675;P82675-2	28S ribosomal protein S5, mitochondrial	MRPS5	3.44472E-05	2.39321E-05	0	0	0	0	0	3.77498E-05	0	1.94598E-05	0	1.25833E-05	0	0.128857694	0.64662924	0.692936033
P82932	28S ribosomal protein S6, mitochondrial	MRPS6	0	0	0	0.000169675	0	0	0.000129897	0.000238894	0	0	5.65583E-05	0.00012293	#DIV/0!	0.373900966	#DIV/0!	0.14963338
P82933	28S ribosomal protein S9, mitochondrial	MRPS9	0.000284325	0.000138193	0	0.000577375	0.000417383	6.79177E-05	0.000210784	7.48602E-05	0.000200113	0.000140839	0.000354225	0.000161919	2.515105249	0.28100817	1.149672954	0.831737425
P82979;F8VZQ9;H0YHG0;F8VS12	SAP domain-containing ribonucleoprotein	SARNP	0.001113433	0.000118659	0.00022436	0.0004083	0.000358181	0.000173674	0.000391304	0.000314802	0.00033081	0.000485484	0.000313385	0.000345639	0.645511317	0.622824736	0.711946473	0.681260892
P83876;K7ESL1;K7EPA6;K7EJU2;K7EMX5;O14835;K7ES07	Thioredoxin-like protein 4A	TXNL4A	0.002203323	0.001266805	0.003592968	0.004274224	0.002068629	0.006289945	0.005435897	0.004458236	0.00410972	0.002354365	0.004210933	0.004667951	1.788563851	0.253671965	1.982678982	0.041879982
P84090;G3V279	Enhancer of rudimentary homolog	ERH	0.112514046	0.079825575	0.08047174	0.143378744	0.083390906	0.127814282	0.123001118	0.132668118	0.079061978	0.09093712	0.118194644	0.111577072	1.299740349	0.263364147	1.226969485	0.354139812
P85037;P85037-2;U3KQ26	Forkhead box protein K1	FOXK1	2.59407E-05	0.000114382	8.76935E-05	0.000211421	0.000185117	0	0.000104729	0.000190864	0.000241668	7.60054E-05	0.000132179	0.000179087	1.739075011	0.475969654	2.35623999	0.097190362
P98175-4;P98175-3;P98175-2;P98175	RNA-binding protein 10	RBM10	5.93159E-05	2.82193E-05	0	0	4.74413E-05	6.53516E-05	0	0	0	2.91784E-05	3.75976E-05	0	1.288543696	0.761887911	0	0.163706103
P98179	RNA-binding protein 3	RBM3	0.001152851	0.00184874	0	0.002468611	0.000486356	0	0.000329413	0	0	0.001000531	0.000984989	0.000109804	0.98446702	0.987436337	0.109746121	0.180753761
Q00059;Q00059-2;H7BYN3	Transcription factor A, mitochondrial	TFAM	0.002872247	0.001884529	0	0.002085031	0.00055173	4.54589E-05	0.00217399	0.000985612	0.000289464	0.001585592	0.000894073	0.001149688	0.563873385	0.543215296	0.725084706	0.687204799
Q00341;Q00341-2;H0Y394;H7C0A4;C9JMQ6;C9JQ82	Vigilin	HDLBP	0.000289287	8.86874E-05	2.14513E-05	0.000360899	0.000106937	0	5.36492E-05	4.8961E-05	2.92261E-05	0.000133142	0.000155945	4.39454E-05	1.171271983	0.873029686	0.330064735	0.331550146
Q00403;B1APE1;B1APE2	Transcription initiation factor IIB	GTF2B	0.000204911	0.000236895	0	0.000253086	1.99406E-05	0	6.74611E-05	0.000149983	0	0.000147269	9.10088E-05	7.24813E-05	0.617977887	0.636076172	0.492170653	0.433354209
Q00535-2;Q00535	Cyclin-dependent-like kinase 5	CDK5	0.000190798	0	0	0.000185501	0	0	0.000113198	0	0	6.35993E-05	6.18336E-05	3.77326E-05	0.972237115	0.985071958	0.593287254	0.744140241
Q00577	Transcriptional activator protein Pur-alpha	PURA	0.000486269	0.00021346	0	0.002044413	0.000234847	0.000541994	0.00168261	0.000259912	0	0.000233243	0.000940418	0.000647507	4.031921106	0.28722231	2.776105193	0.486944516
Q00688;G3V5F2	Peptidyl-prolyl cis-trans isomerase FKBP3	FKBP3	0.000280458	0.000224436	0	0.000410092	0.000431241	0	0.000245148	5.55737E-05	0.000218654	0.000168298	0.000280444	0.000173125	1.666352861	0.532702436	1.028681925	0.965268291

Q8WVM8;Q8WVM8-2;Q8WVM8-3;G3V3K9;G3V4I1;G3V363;H0YJS6;G3V5F3;J3KNG4;G3V2M8	Sec1 family domain-containing protein 1	SCFD1	6.90619E-05	1.88947E-05	0	0.000170044	5.70416E-05	9.98458E-05	0.000103628	0.0001637	5.91607E-05	2.93189E-05	0.000108977	0.000108829	3.716962772	0.109663665	3.711918569	0.09577099
Q8WVY7	Ubiquitin-like domain-containing CTD phosphatase 1	UBLCP1	0.000944527	0.00087154	6.86303E-05	0.01238045	0.00695648	0.011573147	0.010322725	0.009722655	0.006605749	0.000628233	0.010303359	0.00888371	16.40055013	0.004837148	14.14079798	0.002237041
Q8WW12;Q8WW12-2;Q8WW12-3	PEST proteolytic signal-containing nuclear protein	PCNP	0.002404602	0.001584442	0.002515361	0.00542893	0.004060399	0.007241614	0.005561382	0.0057938	0.004553109	0.002168135	0.005576981	0.005302764	2.572248453	0.024333287	2.445772176	0.002858446
Q8WWH5	Probable tRNA pseudouridine synthase 1	TRUB1	0.000165508	0	0	9.07352E-05	0.000107272	0.000129212	0.000111761	9.09099E-05	7.70329E-05	5.51694E-05	0.000109073	9.32347E-05	1.977058945	0.392440392	1.689972878	0.534560418
Q8WWM7-6;Q8WWM7-8;Q8WWM7-5;Q8WWM7-4;Q8WWM7-9;Q8WWM7-2;Q8WWM7;Q8WWM7-3;H3BUF6;H3BSK9;H3BRB0;Q8WWM7-7	Ataxin-2-like protein	ATXN2L	6.21257E-05	3.65076E-05	0	6.68395E-05	6.32446E-05	0	0.000239044	1.82802E-05	0	3.28778E-05	4.33614E-05	8.57747E-05	1.318866175	0.729059138	2.608896083	0.539317046
Q8WWY3;E7EVX8;E7ESA8;Q8WWY3-3;Q8WWY3-2;E7EU94;E7ESX0;E7EN72	U4/U6 small nuclear ribonucleoprotein Prp31	PRPF31	0.001605395	0.000992159	0.000229086	0.001752658	0.001243406	0.001205219	0.001862576	0.001804783	0.000471024	0.000942213	0.001400428	0.001379461	1.486316932	0.352036091	1.464064665	0.509325002
Q8WXE1-5;Q8WXE1-3;Q8WXE1-2;Q8WXE1	ATR-interacting protein	ATRIP	0	0.000496297	0.000924664	0.001687075	0.005275291	0.007974417	0.008839898	0.001550815	0.009155749	0.000473654	0.004978927	0.006515488	10.51175029	0.070611575	13.75581005	0.072893574
Q8WXF1-2;Q8WXF1;X6RDA4	Paraspeckle component 1	PSPC1	0.000414715	4.03545E-05	0	0.000182357	0	0	0.000106151	0.000136114	0	0.00015169	6.07857E-05	8.0755E-05	0.400723172	0.565604831	0.532368831	0.635125179
Q8WXX5	DnaJ homolog subfamily C member 9	DNAJC9	7.06644E-05	0.000217788	0.000119902	0.000106037	0	0	0	0	0	0.000136118	3.53457E-05	0	0.259669994	0.145483651	0	0.034576615
Q8WZ42-3;Q8WZ42-10;Q8WZ42-9;Q8WZ42-5;Q8WZ42-11;Q8WZ42-4;Q8WZ42-7;Q8WZ42-2;Q8WZ42;Q8WZ42-8;Q8WZ42-13;Q8WZ42-12	Titin	TTN	2.29913E-05	2.53517E-05	1.80209E-06	1.32116E-06	6.20589E-06	0	2.96225E-06	0	0	1.6715E-05	2.50902E-06	9.87416E-07	0.150105493	0.139640406	0.059073566	0.105726371
Q92522	Histone H1x	H1FX	0.001558587	0.002175183	0	0.000694234	0.003971825	0	0.000224604	6.31825E-05	0	0.00124459	0.001555353	9.5929E-05	1.249691219	0.833488759	0.077076761	0.15227568
Q92526;Q92526-2;Q92526-3	T-complex protein 1 subunit zeta-2	CCT6B	0.000138435	0	0	0.00023177	6.32818E-05	0.000156084	0.000354255	0	4.12543E-05	4.61451E-05	0.000150379	0.000131836	3.258817635	0.195319389	2.856993221	0.517881258
Q92538	Golgi-specific brefeldin A-resistance guanine nucleotide exchange factor 1	GBF1	0	0	0	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Q92542-2;Q92542;H0Y6T7;Q5T205;H0Y3Z4	Nicastrin	NCSTN	4.464E-05	0	0	0	0	2.02775E-05	9.0392E-05	5.85078E-05	0	1.488E-05	6.75917E-06	4.96332E-05	0.454245375	0.64533441	3.335566849	0.316232881
Q92572;F5H459	AP-3 complex subunit sigma-1	AP3S1	6.94937E-05	0	0	0	0	0	9.52439E-05	0.000182049	0	2.31646E-05	0	9.24308E-05	0	0.373900966	3.990179929	0.294375439
Q92598-2;Q92598;Q92598-3;Q92598-4;R4GN69;Q5TBM3;Q8TDX9	Heat shock protein 105 kDa	HSPH1	0.00151627	0.000591893	0.000165947	0.003069587	0.000484128	0.000966791	0.002360827	0.002330844	0.001164187	0.000758037	0.001506835	0.001951953	1.987812813	0.446637445	2.575010491	0.100162019
Q92614-4;Q92614;Q92614-3;Q92614-2;Q92614-5;H0YEV9	Unconventional myosin-XVIIIa	MYO18A	0.000362559	0	8.20603E-05	0.000125967	9.76284E-05	5.90064E-05	0.000156141	0.000349526	1.63244E-06	0.000148206	9.42008E-05	0.0001691	0.635604882	0.653360707	1.140974101	0.895201878
Q92615;H0Y4V9;H0Y641;A0A087X183	La-related protein 4B	LARP4B	0.000386725	2.51181E-05	0	0	0.000265105	0	8.53839E-05	0	0	0.000137281	8.83682E-05	2.84613E-05	0.64370222	0.76524151	0.207321299	0.44357196
Q92616	Translational activator GCN1	GCN1L1	3.42968E-06	0	0	7.36419E-05	0	0	0	0	0	1.14323E-06	2.45473E-05	0	21.47191869	0.394828285	0	0.373900966
Q92621;U3KPX2;U3KQ97;U3KQ47	Nuclear pore complex protein Nup205	NUP205	0.000527599	0.000497375	0.000348478	0.000101978	0.000125601	0.000167956	8.49325E-05	4.99547E-05	7.62848E-06	0.000457817	0.000131845	4.75052E-05	0.287985403	0.005123669	0.103764568	0.002348118
Q92665	28S ribosomal protein S31, mitochondrial	MRPS31	9.015E-05	0	0	9.00702E-05	0	0	9.69331E-05	0	0	3.005E-05	3.00234E-05	3.2311E-05	0.999114437	0.999530151	1.075242468	0.961589699
Q92688-2;Q92688;Q5T6W8	Acidic leucine-rich nuclear phosphoprotein 32 family member B	ANP32B	0.003806462	0.003687897	0.001564487	0.004167643	0.008601669	0.001797419	0.00254014	0.004483134	0.002533638	0.003019616	0.004855577	0.003185638	1.608011621	0.435924747	1.05498113	0.873107511
Q92747;E9PF58;Q92747-2	Actin-related protein 2/3 complex subunit 1A	ARPC1A	0.002043525	0.00020163	3.16753E-05	0.001655481	1.75622E-06	0.000309215	0.000736587	0.000121652	0.000303079	0.000758943	0.000655484	0.000387106	0.863679922	0.905714437	0.510059374	0.608216659
Q92769-3;Q92769;Q13547;Q5TEE2;E5RFI6;E5RJ04;E5RGV4;E5RHE7;E5RH52;E5RG37;E5RFP9;H3BM24;E5RK19	Histone deacetylase 2;Histone deacetylase 1	HDAC2;HDAC1	0.000410269	0.000223837	5.75007E-06	0.001148951	0.000722906	0.000310379	0.000493452	0.000446519	5.05491E-05	0.000213285	0.000727412	0.000330173	3.410509102	0.128381465	1.548035758	0.557209204
Q92797;A0A087WUE9;M0R3C7;Q92797-2	Symplekin	SYMPK	1.582E-05	0	0	3.7599E-05	0	0	0.000181752	0	0	5.27334E-06	1.2533E-05	6.0584E-05	2.376673763	0.62169605	11.4887394	0.414523025
Q92820	Gamma-glutamyl hydrolase	GGH	0	4.41011E-05	0	0.000153755	0	0	0	0	0	1.47004E-05	5.12516E-05	0	3.486412972	0.530675325	0	0.373900966
Q92828	Coronin-2A	CORO2A	0.000100276	0	0	0	0	1.82028E-05	1.37006E-05	0	0	3.34254E-05	6.0676E-06	4.56687E-06	0.181526453	0.465784015	0.136628665	0.440530131
Q92878-3;Q92878;Q92878-2;E7ESD9;E7EN38	DNA repair protein RAD50	RAD50	9.08546E-06	5.69087E-06	5.8533E-06	1.26939E-05	5.28243E-05	0.000618407	4.00644E-05	0	0	6.87655E-06	0.000227975	1.33548E-05	33.15256839	0.321429214	1.94208156	0.654058045
Q92900-2;Q92900	Regulator of nonsense transcripts 1	UPF1	0.000300779	9.8033E-05	3.25592E-05	0.00024086	5.191E-05	4.63847E-05	9.08434E-05	0.000113841	7.99672E-05	0.00014379	0.000113052	9.4884E-05	0.786225128	0.780191254	0.659876917	0.580137825
Q92905;E5RHH5;E5RHF2	COP9 signalosome complex subunit 5	COPS5	0.000289652	0.000155509	0	0.000521599	9.81027E-05	0.000278973	0.000229607	0.000139292	9.27018E-05	0.000148387	0.000299558	0.000153867	2.018762182	0.366283371	1.036929313	0.955763638
Q92917	G patch domain and KOW motifs-containing protein	GPKOW	9.97392E-05	0	0	4.94909E-05	0	9.05285E-05	0	0	2.7718E-05	3.32464E-05	4.66731E-05	9.23933E-06	1.403855205	0.766866235	0.277904568	0.524903609
Q92945;A0A087WTP3;M0R0I5;M0R0C6;M0R251;M0QYG1;M0R263;M0QYH3;M0R3J3;M0QXW7	Far upstream element-binding protein 2	KHSRP	0.002699323	0.000797911	0.000281352	0.00364011	0.001077144	0.000931136	0.00267613	0.001352545	0.0010903	0.001259529	0.001882797	0.001706325	1.494842326	0.615557428	1.354732729	0.639816603
Q92973-2;Q92973;Q92973-3;E7EW37;S4R398	Transportin-1	TNPO1	5.17825E-05	1.49546E-05	0	0.000135656	0	0	9.67486E-05	0	0	2.22457E-05	4.52187E-05	3.22495E-05	2.032692447	0.655669342	1.449696218	0.793383663
Q92995-2;Q92995;H7C5J3	Ubiquitin carboxyl-terminal hydrolase 13	USP13	0	0	0	5.48871E-05	0	0	0	0	0	0	1.82957E-05	0	#DIV/0!	0.373900966	#DIV/0!	#DIV/0!
Q93008-1;Q93008;O00507-2;O00507;REV__Q01970;REV__O43432-4;REV__O43432;REV__O43432-3	Probable ubiquitin carboxyl-terminal hydrolase FAF-X	USP9X	8.19592E-06	4.6232E-06	0	3.60585E-05	0	2.36707E-05	4.19268E-05	0.000337547	3.01559E-05	4.27304E-06	1.99097E-05	0.000136543	4.659382495	0.222645248	31.95461293	0.258836239
Q93009-3;Q93009;H3BND8;F5H2X1;I3L2D8;REV__J3QKR9;REV__Q86YS3	Ubiquitin carboxyl-terminal hydrolase 7;Ubiquitin carboxyl-terminal hydrolase	USP7	0.000149425	0	3.33512E-05	0.000483713	1.61667E-05	0.00018128	0.000337419	0.000155822	5.54407E-05	6.09254E-05	0.000227053	0.000182894	3.726743604	0.313438926	3.001930068	0.264765611
Q969E8	Pre-rRNA-processing protein TSR2 homolog	TSR2	0.000694056	0.000314657	9.46371E-05	0.000968166	0.00070482	0.000660092	0.000937023	0.000557263	0.000345215	0.000367784	0.000777692	0.000613167	2.114538091	0.109377608	1.667194725	0.375330427
Q969Q0	60S ribosomal protein L36a-like	RPL36AL	0.020084889	0.049289762	0.000799249	0.009253542	0.071456286	0.00216814	0.012559032	0.010741712	0.002508873	0.0233913	0.02762599	0.008603205	1.181036952	0.879145045	0.367795098	0.363391763
Q969S3	Zinc finger protein 622	ZNF622	0.001760575	0.000499142	0	0.001834744	0.001177862	0.000128111	0.000508755	0.000941983	0.000203057	0.000753239	0.001046905	0.000551265	1.38987165	0.705064706	0.73185949	0.739252709
R4GN77;R4GND1;Q96LR5;Q969T4	Ubiquitin-conjugating enzyme E2 E2;Ubiquitin-conjugating enzyme E2 E3	UBE2E3;UBE2E2	8.52716E-05	3.69089E-05	0	9.4414E-05	0	0	0.000133389	0.000164981	0	4.07269E-05	3.14713E-05	9.94566E-05	0.772741891	0.828369561	2.442038805	0.355496981
Q969U7-2;Q969U7;K7ENR6;V9GZ55;K7ER45	Proteasome assembly chaperone 2	PSMG2	0.035598587	0.037690585	0.015529146	0.096189641	0.081227989	0.05371509	0.078845633	0.070836036	0.064192383	0.029606106	0.07704424	0.07129135	2.602309131	0.029480645	2.407994845	0.007177178
Q96A33-2;Q96A33;A0A087WYW6;J3QR89	Coiled-coil domain-containing protein 47	CCDC47	0.000792161	0.000653573	0	8.6716E-05	0	0	0	0	0	0.000481911	2.89053E-05	0	0.059980604	0.139307876	0	0.119758739
Q96A35;X6RJ73	39S ribosomal protein L24, mitochondrial	MRPL24	7.79766E-05	0.000124506	0	0	0	0	0	0	0	6.74943E-05	0	0	0	0.136681641	0	0.136681641
Q96A72;F5H6N1;F5H124	Protein mago nashi homolog 2	MAGOHB	0.003380706	0.002484105	6.10032E-05	0.004600462	0.001280379	0.00090519	0.003632827	0.002512763	0.001069736	0.001975271	0.00226201	0.002405109	1.145164365	0.861074032	1.217609361	0.746000356
Q96AY3;H0Y827;Q96AY3-2;K7EM43;K7ELI6;K7ESG6	Peptidyl-prolyl cis-trans isomerase FKBP10	FKBP10	0.000125944	0	0	0.000836507	0.00011514	4.70233E-05	9.96756E-05	0.000174368	4.11074E-05	4.19814E-05	0.00033289	0.00010505	7.929474104	0.319332983	2.50231002	0.330618645
Q96B26	Exosome complex component RRP43	EXOSC8	0.000148398	4.52886E-05	0	0.00010706	0.000187668	7.78926E-05	3.07155E-05	0	0.000125703	6.45623E-05	0.000124207	5.21396E-05	1.923832307	0.337795081	0.807585471	0.840775282
Q96BJ3;Q96BJ3-3;Q96BJ3-2	Axin interactor, dorsalization-associated protein	AIDA	0.000198596	0.000145987	0.000195801	0.000467861	0.000294408	0.000538029	0.000412029	0.000328283	0	0.000180128	0.000433433	0.000246771	2.406251642	0.027152966	1.369975935	0.627201409
Q96BP3;F5H7P7;Q96BP3-2;D6R9Q1;H0Y8N5;D6RB19;D6RHV0;D6RD43;D6RA12;D6RDA4;D6RHY8;Q9NXL9-3;Q9NXL9-2;Q9NXL9	Peptidylprolyl isomerase domain and WD repeat-containing protein 1	PPWD1	0.000147449	0.000145015	6.33318E-06	0.000230852	4.66442E-05	0.000156481	0.000295742	0.000256189	6.20028E-05	9.95991E-05	0.000144659	0.000204645	1.452411168	0.560025286	2.054683116	0.288870321
Q96BR5	Cytochrome c oxidase assembly factor 7	COA7	0.000233951	8.1037E-05	0	7.72312E-05	2.91465E-05	9.90126E-05	0.000443684	0.000101975	0	0.000104996	6.84634E-05	0.000181886	0.652056615	0.636883107	1.732315989	0.636727518
Q96BT7;Q96BT7-4	Alkylated DNA repair protein alkB homolog 8	ALKBH8	0	0	0	2.35643E-05	5.42901E-05	0	0	0	0	0	2.59515E-05	0	#DIV/0!	0.174060444	#DIV/0!	#DIV/0!
Q96BW5-2;Q96BW5	Phosphotriesterase-related protein	PTER	0	0	0	6.2162E-05	0	0	2.26197E-05	0	0	0	2.07207E-05	7.5399E-06	#DIV/0!	0.373900966	#DIV/0!	0.373900966
Q96C90	Protein phosphatase 1 regulatory subunit 14B	PPP1R14B	0.000342496	0.000264613	0	0.000870362	0	0.000129685	0.000627455	0.000260182	0	0.000202369	0.000333349	0.000295879	1.647229109	0.675175578	1.462071961	0.678379573
Q96CB9-4;Q96CB9;Q96CB9-3	5-methylcytosine rRNA methyltransferase NSUN4	NSUN4	4.36218E-05	9.45784E-05	0	6.2462E-05	0.000217132	0	0	7.57575E-05	0	4.60667E-05	9.31979E-05	2.52525E-05	2.023107749	0.538124293	0.548172141	0.60574898
Q96CN7;D6RGE2	Isochorismatase domain-containing protein 1	ISOC1	0.000166445	9.07779E-05	0	0.000234098	0	0	4.25969E-05	2.28486E-05	0	8.57408E-05	7.80328E-05	2.18152E-05	0.910100173	0.937031526	0.254431277	0.267466511
Q96CS3	FAS-associated factor 2	FAF2	0	0	0	0.000282709	5.21043E-05	6.51641E-05	0.000147684	0.000134633	0	0	0.000133326	9.41056E-05	#DIV/0!	0.149205868	#DIV/0!	0.11696579
Q96CT7;M0R2F5	Coiled-coil domain-containing protein 124	CCDC124	0.001678023	0.006127528	0	0.00021769	0.011824903	0.000121274	0.000575642	0.000250177	0	0.00260185	0.004054622	0.000275273	1.5583612	0.752122971	0.105799009	0.273784522
Q96CX2	BTB/POZ domain-containing protein KCTD12	KCTD12	0.000560766	0.000140229	0	0.000524801	0	7.7622E-05	0.00065187	0.000510695	5.87542E-05	0.000233665	0.000200808	0.000407107	0.859382553	0.895473995	1.742265583	0.519244796
Q96D09	G-protein coupled receptor-associated sorting protein 2	GPRASP2	0	0	0	2.43861E-05	0	0	0	0	0	0	8.12869E-06	0	#DIV/0!	0.373900966	#DIV/0!	#DIV/0!
Q96DG6	Carboxymethylenebutenolidase homolog	CMBL	9.25E-05	0	0	4.84542E-05	0	0	7.54672E-05	4.24469E-05	0	3.08333E-05	1.61514E-05	3.93047E-05	0.5238289	0.694850313	1.274746112	0.833592727
Q96DI7;Q96DI7-2;Q9NSS8	U5 small nuclear ribonucleoprotein 40 kDa protein	SNRNP40	0.000620741	0.000214943	0	0.000152286	0.000399754	0.000168668	0	0	0	0.000278561	0.000240236	0	0.862416892	0.856493003	0	0.200614671
Q96DV4;Q96DV4-2	39S ribosomal protein L38, mitochondrial	MRPL38	0.000286559	0.000247632	0	8.74258E-05	0.000107886	8.08812E-05	6.42587E-05	9.39919E-06	0	0.000178064	9.20643E-05	2.45526E-05	0.517030698	0.393916623	0.137886897	0.170333076
Q96EE3;Q96EE3-1;K7ENI5;K7ELV2;K7EP88;K7EPZ5	Nucleoporin SEH1	SEH1L	0.000264068	0	3.35821E-05	2.14345E-05	0	2.3528E-05	0	0	0	9.92167E-05	1.49875E-05	0	0.151058225	0.369311605	0	0.297929831
Q96EK5	KIF1-binding protein	KIAA1279	7.18416E-05	2.87524E-05	9.39795E-05	0.000197171	5.60244E-05	0	0.000280133	0.000247126	0	6.48578E-05	8.43985E-05	0.000175753	1.301283929	0.767332413	2.709821731	0.287391315
Q96EX3	WD repeat-containing protein 34	WDR34	5.14173E-05	0.000127146	0	7.07982E-05	7.14791E-05	3.44419E-05	0	0	0	5.95212E-05	5.89064E-05	0	0.989671888	0.988148489	0	0.182284461
Q96EY1-2;Q96EY1;Q96EY1-3	DnaJ homolog subfamily A member 3, mitochondrial	DNAJA3	2.26562E-05	5.46012E-05	0	0	0	0	0	0	0	2.57525E-05	0	0	0	0.179275157	0	0.179275157
Q96EY7;Q96EY7-2	Pentatricopeptide repeat domain-containing protein 3, mitochondrial	PTCD3	8.27089E-06	5.51942E-05	0	0	0	1.74669E-05	1.87101E-05	0	0	2.1155E-05	5.8223E-06	6.23669E-06	0.275220704	0.445701505	0.294809145	0.460317675
Q96F45-2;Q96F45	Zinc finger protein 503	ZNF503	0	0	0	4.55859E-05	0	0	3.53147E-05	0.000157387	0	0	1.51953E-05	6.42341E-05	#DIV/0!	0.373900966	#DIV/0!	0.249170709
Q96F63	Coiled-coil domain-containing protein 97	CCDC97	0	0	0	7.2529E-05	0.00014167	0	4.86043E-05	0	0	0	7.13996E-05	1.62014E-05	#DIV/0!	0.155798075	#DIV/0!	0.373900966
Q96G03;Q96G03-2;E9PD70;E7ENQ8	Phosphoglucomutase-2	PGM2	0.000170833	0	0	0.000366049	0	0	0.000105757	7.59997E-05	0	5.69444E-05	0.000122016	6.05855E-05	2.142724518	0.654168055	1.063941336	0.95805985
Q96G46-2;Q96G46;K7EJX8	tRNA-dihydrouridine(47) synthase [NAD(P)(+)]-like	DUS3L	0.000351647	0	0	0.000246324	3.94325E-05	0	2.27972E-05	0	0	0.000117216	9.52521E-05	7.59905E-06	0.812623342	0.882863265	0.064829715	0.403540507
Q96GA3;A0A075B6Q4	Protein LTV1 homolog	LTV1	0.000540079	0.000317802	0	7.59795E-05	0.000769364	0	0	0	0	0.00028596	0.000281781	0	0.985385601	0.989216425	0	0.142102851
Q96GM8;Q96GM8-2	Target of EGR1 protein 1	TOE1	0.000521155	0.000710536	6.17102E-05	0.000514949	0.001018371	0.000129728	0.000375718	0.000357825	0	0.000431133	0.000554349	0.000244514	1.285795094	0.720953918	0.567142949	0.45941404
Q96H79;Q96H79-2	Zinc finger CCCH-type antiviral protein 1-like	ZC3HAV1L	0.00014822	0	0	0	0	0	9.06986E-05	0.000107872	0	4.94067E-05	0	6.61904E-05	0	0.373900966	1.339704648	0.792460846
Q96HS1-2;Q96HS1;F5GXG4	Serine/threonine-protein phosphatase PGAM5, mitochondrial	PGAM5	0.000106738	0.000356211	0	8.6566E-05	0.000476813	0.000134589	0.000222779	0.000193868	0	0.000154316	0.000232656	0.000138882	1.507657552	0.6539113	0.899983792	0.908858766
Q96HY6-2;Q96HY6	DDRGK domain-containing protein 1	DDRGK1	3.6808E-05	0	0	0	0	0	7.99387E-05	0	0	1.22693E-05	0	2.66462E-05	0	0.373900966	2.171775492	0.649736225
Q96I24;Q96I24-2	Far upstream element-binding protein 3	FUBP3	0.000127061	0	0	9.55269E-05	6.43275E-05	0	4.17991E-05	5.05132E-05	0	4.23537E-05	5.32848E-05	3.07708E-05	1.25809074	0.840279074	0.726519013	0.810111142
Q96I25;H0Y6J6;Q5W012;Q5W011;Q5W010	Splicing factor 45	RBM17	8.32567E-05	0	0.000508847	0.000111467	0	0.000372478	0	0	0	0.000197368	0.000161315	0	0.817332176	0.860475824	0	0.278628931
Q96I99;E9PDQ8;Q96I99-2;H0Y852	Succinyl-CoA ligase [GDP-forming] subunit beta, mitochondrial	SUCLG2	7.25376E-05	1.25113E-05	2.60115E-05	5.5438E-05	0	7.37289E-05	0.000109842	5.74939E-05	9.86729E-05	3.70201E-05	4.30556E-05	8.86697E-05	1.163032223	0.843546772	2.395173551	0.099379575
Q96IX5	Up-regulated during skeletal muscle growth protein 5	USMG5	0.000939608	0.000504128	0	0.00042843	0.000382782	0.000617837	0.000648123	0.000939807	0	0.000481245	0.00047635	0.00052931	0.989827502	0.986928019	1.099875685	0.907476081
Q96IZ0;H0YI16	PRKC apoptosis WT1 regulator protein	PAWR	0	0	0	6.09014E-05	0	0	0	0	7.48365E-05	0	2.03005E-05	2.49455E-05	#DIV/0!	0.373900966	#DIV/0!	0.373900966
Q96J01;Q96J01-2;D6RGZ2;D6REC9	THO complex subunit 3	THOC3	7.32078E-05	0	0	3.52726E-05	0	0	7.44792E-05	0.000120468	0	2.44026E-05	1.17575E-05	6.49823E-05	0.481814645	0.664917838	2.662924801	0.396235236
Q96JB5-2;Q96JB5;Q96JB5-4;J3QRM1;Q96JB5-3;J3QL86;J3QQY1;J3QS62	CDK5 regulatory subunit-associated protein 3	CDK5RAP3	0.000107253	0.000327925	0	0.000251698	0.000164807	0	3.90197E-05	0	0	0.000145059	0.000138835	1.30066E-05	0.957091588	0.961605107	0.089663736	0.246681254
Q96JP5-2;Q96JP5	E3 ubiquitin-protein ligase ZFP91	ZFP91	0	0	0	0.00013294	0.000201674	0	5.85182E-05	0	0	0	0.000111538	1.95061E-05	#DIV/0!	0.132621873	#DIV/0!	0.373900966
Q96K17;E9PL10;Q96K17-2	Transcription factor BTF3 homolog 4;Transcription factor BTF3	BTF3L4	0.007820218	0.00871241	4.44384E-05	0.005110082	0.01149375	0	0.0009429	0.002354846	0.001782712	0.005525689	0.005534611	0.001693486	1.00161461	0.998449779	0.306475044	0.240561316
Q96KB5;Q96KB5-2	Lymphokine-activated killer T-cell-originated protein kinase	PBK	7.59209E-05	0	0	8.94567E-05	0	0	0	0	0	2.5307E-05	2.98189E-05	0	1.178287917	0.913715771	0	0.373900966
Q96KP4-2;Q96KP4;J3KSS4;J3QRP4;J3QQN6;J3QR27;J3QLU1;J3QKQ0;J3QRD0;J3QRA8;J3QL02;J3KSV5;A0A087WYZ1;J3QKT2	Cytosolic non-specific dipeptidase	CNDP2	0.000158402	5.33658E-05	0	0.000139306	0	0	3.44687E-05	9.21189E-05	0	7.05893E-05	4.64353E-05	4.21959E-05	0.657823075	0.731909568	0.597765871	0.625166312
Q96KR1;H0Y8W1;Q05D65	Zinc finger RNA-binding protein	ZFR	0.001348974	0.00114671	3.38461E-05	0.001210213	0.002492356	0.000329583	0.001003371	0.000593848	0.000175313	0.000843177	0.00134405	0.000590844	1.594031525	0.540436002	0.700735687	0.622404323
Q96N67-4;Q96N67-3;Q96N67-5;Q96N67-2;Q96N67-6;Q96N67;H0Y7L2;Q96N67-7;A2A369	Dedicator of cytokinesis protein 7	DOCK7	0.000538254	2.52169E-06	5.49811E-06	4.01449E-05	3.52038E-05	0	1.72511E-05	0	0	0.000182091	2.51162E-05	5.75037E-06	0.137932277	0.428911879	0.031579615	0.378346167
Q96P11-5;Q96P11;Q96P11-2;Q96P11-4;Q63ZY6-4;Q63ZY6-5;Q63ZY6	Probable 28S rRNA (cytosine-C(5))-methyltransferase;Putative methyltransferase NSUN5C	NSUN5;NSUN5P2	0	0	0	3.96859E-05	0	0	0	0	0	0	1.32286E-05	0	#DIV/0!	0.373900966	#DIV/0!	#DIV/0!
Q96P16;Q96P16-3;K7EQR8;K7EP82	Regulation of nuclear pre-mRNA domain-containing protein 1A	RPRD1A	0	0	0	0.000107723	0	0	0	0	0.000127749	0	3.59078E-05	4.25831E-05	#DIV/0!	0.373900966	#DIV/0!	0.373900966
Q96P70	Importin-9	IPO9	5.63494E-05	0	0	6.48892E-05	0	0	0	0	0	1.87831E-05	2.16297E-05	0	1.151551293	0.925626625	0	0.373900966
Q96PK6;Q96PK6-2	RNA-binding protein 14	RBM14	0.002582251	0.000811763	0.000111334	0.000210518	0.001459784	1.63327E-05	4.04051E-05	0.000124692	7.66913E-05	0.001168449	0.000562212	8.0596E-05	0.481160484	0.521208923	0.068976888	0.213288229
Q96PU5-2;Q96PU5-6;Q96PU5-5;Q96PU5-7;Q96PU5;Q96PU5-9;Q96PU5-4;Q96PU5-3	E3 ubiquitin-protein ligase NEDD4-like	NEDD4L	0	0	0	5.71957E-05	0	5.0292E-05	1.99874E-05	0	0	0	3.58292E-05	6.66245E-06	#DIV/0!	0.117754735	#DIV/0!	0.373900966
Q96QK1;I3L4S0;I3L4P4	Vacuolar protein sorting-associated protein 35	VPS35	0.000473209	0.000191418	0	0.000430244	7.26849E-05	0.000125754	0.000231123	0.0003408	3.67863E-05	0.000221542	0.000209561	0.000202903	0.945918425	0.949254372	0.91586637	0.914819149
Q96QR8	Transcriptional activator protein Pur-beta	PURB	0.000124705	0	0	0.000220699	0	0	0	0	0.000189469	4.15682E-05	7.35665E-05	6.31562E-05	1.769777929	0.724162987	1.519339544	0.789417752
Q96RF0-3;Q96RF0-2;Q96RF0	Sorting nexin-18	SNX18	0	0	0	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Q96RP9;Q96RP9-2;F8WAU4;C9IZ01	Elongation factor G, mitochondrial	GFM1	3.10854E-05	0	0	6.3548E-05	0	0	0	0	0	1.03618E-05	2.11827E-05	0	2.044303914	0.670149812	0	0.373900966
Q96RS6;Q96RS6-3;Q96RS6-2;E5RGX7	NudC domain-containing protein 1	NUDCD1	0	0	0	0.000244219	0.000211272	0.000382306	0.000457198	0.000336942	0.000182808	0	0.000279265	0.000325649	#DIV/0!	0.005963503	#DIV/0!	0.01484305
Q96S55-2;Q96S55;Q96S55-3;Q96S55-4	ATPase WRNIP1	WRNIP1	0	0	0	0.000742509	0.000663447	0.000405332	0.000565308	0.000277521	0.000595125	0	0.000603763	0.000479318	#DIV/0!	0.004051794	#DIV/0!	0.009081944
Q96S59;Q96S59-2;Q96S59-3	Ran-binding protein 9	RANBP9	1.79675E-05	0	0	2.81702E-05	0	2.85643E-05	1.76091E-05	2.76512E-05	0	5.98916E-06	1.89115E-05	1.50868E-05	3.157618977	0.312591247	2.519008313	0.416902523
Q96S82;H3BV23;H3BUV9;H3BSE0;H3BSQ2	Ubiquitin-like protein 7	UBL7	0	0	0	0	3.12809E-05	0.000151835	0.000278364	0.000100607	0.000108979	0	6.10387E-05	0.00016265	#DIV/0!	0.25770709	#DIV/0!	0.048376726
Q96SB4;H3BLV9;Q5R363;B4DS61;Q96SB4-3;D6RBF8;D6RBM8;H7C521;A8MPP7;A8MPY5;E7ETV6;Q9UPE1-2;Q9UPE1-3;Q9UPE1-4;Q9UPE1;H0Y932;H7C2I2;F8WBW4	SRSF protein kinase 1	SRPK1	0.006313959	0.007092479	0.000806603	0.005317423	0.00677819	0.002092771	0.004348547	0.005027544	0.002279151	0.00473768	0.004729461	0.003885081	0.998265187	0.997446973	0.820038604	0.711192429
Q96SI9-2;Q96SI9;H0YC91;E9PKQ0;Q5JPA5	Spermatid perinuclear RNA-binding protein	STRBP	0.002773218	0.019454751	1.11398E-06	0.022251314	0.001702648	0.000381404	0.020345364	0.015294384	0.000490222	0.007409694	0.008111788	0.012043323	1.094753414	0.943624629	1.625346817	0.615001494
Q96T58	Msx2-interacting protein	SPEN	0	0	1.35441E-05	0	0	5.36676E-06	2.23449E-06	1.37605E-05	0	4.5147E-06	1.78892E-06	5.33167E-06	0.396243357	0.604550367	1.180957832	0.901681029
Q99436;Q5TBG5;Q99436-2	Proteasome subunit beta type-7;Proteasome subunit beta type	PSMB7	0.58561952	0.670119737	0.74126771	0.665707819	0.588130753	0.657195625	0.594919428	0.624467021	0.583272103	0.665668989	0.637011399	0.600886184	0.956949189	0.605911286	0.902680152	0.237062191
Q99459	Cell division cycle 5-like protein	CDC5L	0.000125594	0.000248336	0	9.26586E-05	0.000174311	0	5.62668E-05	0.00012167	0	0.000124643	8.89897E-05	5.93123E-05	0.713955871	0.704862779	0.475856575	0.459176897
Q99460;Q99460-2;C9J9M4;F8WCE3	26S proteasome non-ATPase regulatory subunit 1	PSMD1	0.010716953	0.003710958	0.004722665	0.015322856	0.008685957	0.012710688	0.011418024	0.01190276	0.003299424	0.006383525	0.012239834	0.008873403	1.917409776	0.115063767	1.390047405	0.521170737
Q99497;K7ELW0;K7EN27	Protein deglycase DJ-1	PARK7	0.012268108	0.004947994	0.000119025	0.013868782	0.002624388	0.00303091	0.007306252	0.0055567	0.002316009	0.005778376	0.006508027	0.005059654	1.126272703	0.893196955	0.875618694	0.860000999
Q99536;K7ERT7;Q99536-3;Q99536-2;K7EJM4;K7ESA3;K7ENX2;K7EM19	Synaptic vesicle membrane protein VAT-1 homolog	VAT1	0.000271372	0.000136367	0	0.000318871	0	9.89224E-05	0.000328817	6.18254E-05	0	0.000135913	0.000139264	0.000130214	1.024658107	0.979492032	0.958069231	0.966552382
Q99567;J3KMX1;I3L4K7;I3L2W3;I3L245	Nuclear pore complex protein Nup88	NUP88	0.000543989	0.000138548	9.39607E-05	0.000270954	0.000159553	7.41301E-05	7.60378E-05	0	5.93896E-05	0.000258832	0.000168212	4.51425E-05	0.649888808	0.588047946	0.174408043	0.214576145
Q99575;E5RK39	Ribonucleases P/MRP protein subunit POP1	POP1	0.000175533	0.000192466	0	4.99678E-05	0.000603703	0	5.51738E-06	6.3483E-05	2.93597E-05	0.000122666	0.00021789	3.27867E-05	1.776281255	0.663427003	0.267283281	0.231597486
Q99576;Q5JRJ0;E7EWD5;Q99576-4;Q99576-3;Q5JRJ2;D6RD92;D6R9J1;H0Y865;H7BZ77;Q15714-2;Q9Y3Q8-2;Q9Y3Q8;Q15714-3;O75157-2;O75157;Q15714	TSC22 domain family protein 3	TSC22D3	0	0	0	0.003396272	0.001859966	0.001543727	0.002946349	0.003897003	0.000497395	0	0.002266655	0.002446916	#DIV/0!	0.01665358	#DIV/0!	0.073051865
Q99584	Protein S100-A13	S100A13	0.000367908	0.000111134	0	0	0.000390611	0.000192007	0.00013241	0.000279136	0	0.000159681	0.000194206	0.000137182	1.216215764	0.836501478	0.859101518	0.876202906
Q99613-2;Q99613;B5ME19;H3BPE3;H3BTY8;H3BPE4	Eukaryotic translation initiation factor 3 subunit C;Eukaryotic translation initiation factor 3 subunit C-like protein	EIF3C;EIF3CL	0.001370971	0.001201322	4.38821E-05	0.001732394	0.001064516	0.000580758	0.001250452	0.00114898	0.000282027	0.000872058	0.001125889	0.00089382	1.291071168	0.659434114	1.024954048	0.968502256
Q99614;H0YB37	Tetratricopeptide repeat protein 1	TTC1	0.000273627	2.12637E-05	0	0.000304563	0	0	6.48833E-05	0.000100295	0	9.82969E-05	0.000101521	5.50595E-05	1.032798925	0.981993944	0.560134329	0.665038014
Q99615-2;Q99615;K7EPP7;K7ESP1;K7EIH8;K7ER44;K7EJL5;K7EN19;K7EJV7;K7EJE9;K7EK03;K7ELJ8;K7EJ24	DnaJ homolog subfamily C member 7	DNAJC7	0.000167686	0	0	0.000311191	2.59033E-05	0.000257703	0.0002548	9.8615E-05	0	5.58954E-05	0.000198266	0.000117805	3.547083342	0.242379151	2.107599202	0.541532138
Q99707;B1ANE3;B7ZLW7	Methionine synthase	MTR	0	0	0	4.15197E-05	0	4.445E-05	4.03938E-05	1.20308E-05	0	0	2.86566E-05	1.74749E-05	#DIV/0!	0.116578435	#DIV/0!	0.21822926
Q99714;Q99714-2;Q5H928	3-hydroxyacyl-CoA dehydrogenase type-2	HSD17B10	0.002097185	0.000775959	0.000456027	0.00387656	0.000397897	0.001480109	0.002499513	0.001041399	0.000822491	0.001109723	0.001918188	0.001454468	1.728528197	0.518740765	1.31065767	0.660315716
Q99733;Q99733-2;C9JZI7;C9J6D1;E9PNW0;E9PJJ2;E9PS34;E9PNJ7;A8MXH2;E9PKT8;E9PP22;E9PKI2;C9J1B1;H0YCI4	Nucleosome assembly protein 1-like 4	NAP1L4	0.005819677	0.003087124	0.00021951	0.010725977	0.004295549	0.001668947	0.007438835	0.00473616	0.001754564	0.003042104	0.005563491	0.004643187	1.828830192	0.466816537	1.526307866	0.525374728
Q99832;Q99832-3;Q99832-4;Q99832-2;F8WAM2;F8WBP8	T-complex protein 1 subunit eta	CCT7	0.00613545	0.004496815	0.001803249	0.009547985	0.004224404	0.005032288	0.009907658	0.006061855	0.004925788	0.004145171	0.006268226	0.0069651	1.51217531	0.365705592	1.680292575	0.224881366
Q99873-4;E9PKG1;H7C2I1;Q99873-3;Q99873-2;Q99873;E9PIX6;A0A087X1W2;E9PQ98;E9PNR9;H0YDE4;E9PMW9;E9PI83;Q9NR22-2;Q9NR22;E9PMZ2	Protein arginine N-methyltransferase 1	PRMT1	0.012657132	0.008758831	0.006679187	0.017648613	0.011162884	0.009115518	0.013079994	0.013791482	0.009793164	0.00936505	0.012642338	0.012221547	1.349948817	0.351706303	1.305016696	0.253138089
Q99942	E3 ubiquitin-protein ligase RNF5	RNF5	0	0	0	0	0	6.60828E-05	0	0	0	0	2.20276E-05	0	#DIV/0!	0.373900966	#DIV/0!	#DIV/0!
Q99996-5;Q99996-3;Q99996-2;Q99996;Q99996-6;A0A087WX84;H7BYL6;Q99996-4	A-kinase anchor protein 9	AKAP9	1.13487E-05	0	0	2.54429E-05	2.04571E-05	0.0005113	8.3354E-05	7.22313E-05	3.59972E-06	3.7829E-06	0.000185733	5.30617E-05	49.09806698	0.326404875	14.0266995	0.122441842
Q9BPW8;H7C2U6;C9JDV8;F8WCR5	Protein NipSnap homolog 1	NIPSNAP1	0.001891868	0.001704387	0.000293891	0.003129595	0.002762392	0.003409774	0.002611542	0.002468797	0.004290423	0.001296715	0.003100587	0.003123587	2.391108386	0.028496786	2.408845994	0.077194014
Q9BPX3;H0Y9Z8	Condensin complex subunit 3	NCAPG	1.18531E-05	0	0	0	0	0	0	0	0	3.95103E-06	0	0	0	0.373900966	0	0.373900966
Q9BPX5	Actin-related protein 2/3 complex subunit 5-like protein	ARPC5L	0.000873961	0	0.000625729	0.000309892	0	0	8.19941E-05	0.000101042	0	0.000499897	0.000103297	6.10121E-05	0.206637289	0.229302393	0.122049376	0.169039299
Q9BQ67;M0QX71	Glutamate-rich WD repeat-containing protein 1	GRWD1	0.008697294	0.009684249	0.000350482	0.001217132	0.003270663	0.007297162	0.00236023	0.001579415	0.000832431	0.006244008	0.003928319	0.001590692	0.629134169	0.539673474	0.254754983	0.195004048
Q9BQA1;Q9BQA1-2;H0Y711	Methylosome protein 50	WDR77	0.003874773	0.001499986	0.001484091	0.003099367	0.002232148	0.00041167	0.00164204	0.002132304	0.003621582	0.002286283	0.001914395	0.002465309	0.837339372	0.756866009	1.078304057	0.865629777
Q9BQG0;Q9BQG0-2;I3L1L3;I3L2H8	Myb-binding protein 1A	MYBBP1A	2.89781E-05	3.6542E-05	0	1.43712E-05	0.000461842	0	1.49268E-05	1.06078E-05	0	2.184E-05	0.000158738	8.51153E-06	7.268188722	0.418750224	0.389721119	0.328486315
Q9BQI0-3;Q9BQI0;Q9BQI0-2;A6PVM9;Q5JUP3;Q9BQI0-4	Allograft inflammatory factor 1-like	AIF1L	0.00212859	0	0	0.000594012	0.000588616	0.000920003	0.000328334	0.000739809	0	0.00070953	0.000700877	0.000356048	0.987804487	0.990960795	0.501807904	0.658274698
Q9BQP7;Q5QPE8;Q5QPE7	Mitochondrial genome maintenance exonuclease 1	MGME1	0.000310596	1.15009E-05	0.000139481	0.00010788	0	0.000302118	0.000314423	0.000105268	0.000184041	0.000153859	0.000136666	0.000201244	0.888252269	0.896234048	1.307973605	0.677861813
Q9BRA2;I3L0K2;I3L3M7;I3L2R6	Thioredoxin domain-containing protein 17	TXNDC17	0.000554773	0.000307724	0	0.001036615	0.000194848	9.92191E-05	0.0007055	0.000342191	0	0.000287499	0.000443561	0.00034923	1.542826501	0.668535697	1.214718204	0.823530093
Q9BRF8-3;Q9BRF8-2;Q9BRF8	Serine/threonine-protein phosphatase CPPED1	CPPED1	0	0	0	0.000169827	0	0	9.16241E-05	0	0	0	5.6609E-05	3.05414E-05	#DIV/0!	0.373900966	#DIV/0!	0.373900966
Q9BRG1;K7ENE3;K7EKV4	Vacuolar protein-sorting-associated protein 25	VPS25	0	0	0	0.000232688	0	0	0.00016174	0	0	0	7.75625E-05	5.39132E-05	#DIV/0!	0.373900966	#DIV/0!	0.373900966
Q9BRJ6;C9JQV0;H7C0T1;H7C2R9	Uncharacterized protein C7orf50	C7orf50	0.005612599	0.004778933	0.000489826	0.002011275	0.007570498	0.000593292	0.00228386	0.001908237	0.000242245	0.003627119	0.003391688	0.001478114	0.935091462	0.93361552	0.407517384	0.276397111
Q9BRK5;Q9BRK5-6;H0Y3T6;G3V1E2;Q9BRK5-4;Q9BRK5-3;Q9BRK5-2;Q9BRK5-5	45 kDa calcium-binding protein	SDF4	0.000114533	0.00012753	0	0.000427781	0	5.45056E-05	0.000140637	0	2.92179E-05	8.06876E-05	0.000160762	5.66184E-05	1.992401262	0.598978328	0.701698467	0.704065994
Q9BRP1	Programmed cell death protein 2-like	PDCD2L	0.000217282	0.000185937	0	0.000392089	0.000185914	7.69122E-05	0.000603351	7.9932E-05	0.00010474	0.000134406	0.000218305	0.000262674	1.624216642	0.504773449	1.954328841	0.523013488
Q9BRP8-2;Q9BRP8	Partner of Y14 and mago	WIBG	3.42431E-05	0.000198396	0	0	0.000176419	0	7.46864E-05	0	0	7.75464E-05	5.88064E-05	2.48955E-05	0.758338806	0.836101404	0.321040025	0.470297513

Q9BRS2	Serine/threonine-protein kinase RIO1	RIOK1	4.24038E-05	9.03661E-05	0	0	0	2.73276E-05	0	0	0	4.42566E-05	9.10919E-06	0	0.20582653	0.272515042	0	0.165230036
Q9BRT6	Protein LLP homolog	LLPH	0.0002364	0.000347182	0	0	0.001036058	0	0	0	0	0.000194527	0.000345353	0	1.775342296	0.696930094	0	0.130248282
Q9BRX2	Protein pelota homolog	PELO	0	0	0	1.77368E-05	0	0	0	0	0	0	5.91228E-06	0	#DIV/0!	0.373900966	#DIV/0!	#DIV/0!
Q9BRX5	DNA replication complex GINS protein PSF3	GINS3	0	0	0	4.79146E-05	0	0	0	0	0	0	1.59715E-05	0	#DIV/0!	0.373900966	#DIV/0!	#DIV/0!
Q9BS26	Endoplasmic reticulum resident protein 44	ERP44	0.000630623	8.6883E-05	0.000477923	0.000869892	0.000114692	0.001319471	0.000656044	0.000180696	0.00108118	0.000398476	0.000768018	0.000639307	1.927387642	0.393706284	1.604377917	0.475766536
Q9BSJ8;Q9BSJ8-2	Extended synaptotagmin-1	ESYT1	0	0	0	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Q9BTE3-2;Q9BTE3;Q9BTE3-3	Mini-chromosome maintenance complex-binding protein	MCMBP	0.000286301	7.46594E-05	0	0.000531921	0	0.000228942	0.000646789	0.000218493	0.001272951	0.00012032	0.000253621	0.000712744	2.107886045	0.491678999	5.923731071	0.135892357
Q9BTT0;Q9BTT0-3;E9PPH5;Q5TB19;E9PLC4;Q9BTT0-2;E9PI45;Q5TB25	Acidic leucine-rich nuclear phosphoprotein 32 family member E	ANP32E	0.005155265	0.002704678	0	0.004752721	5.21872E-05	0.000339767	0.001538131	0.002288449	0	0.002619981	0.001714892	0.001275527	0.654543559	0.692551878	0.486845838	0.456861806
Q9BTY7;E9PIX0	Protein HGH1 homolog	HGH1	4.05135E-05	0	0	0.000446388	0.001142632	0.000164388	0.000183833	9.49139E-05	0.000161376	1.35045E-05	0.000584469	0.000146708	43.27961177	0.121289201	10.86361679	0.011226131
Q9BUH6;Q9BUH6-2	Protein PAXX	C9orf142	0	0	0	5.90407E-05	0	2.53027E-05	4.41186E-05	0	0.000141386	0	2.81145E-05	6.18348E-05	#DIV/0!	0.175525483	#DIV/0!	0.21283631
Q9BUK6-5;Q9BUK6-7;Q9BUK6-3;Q9BUK6-2;Q9BUK6	Protein misato homolog 1	MSTO1	0	0	0	0	0	7.21811E-05	0	0	0	0	2.40604E-05	0	#DIV/0!	0.373900966	#DIV/0!	#DIV/0!
Q9BUP0;A0A087X1Z2;Q9BUP0-2;C9JTV4;Q8WYH2;H7C0I0	EF-hand domain-containing protein D1	EFHD1;PP1187	0.000434349	9.79581E-05	0	0	0	0	0	0	0	0.000177436	0	0	0	0.248647816	0	0.248647816
Q9BUT1;Q9BUT1-2;D6RFG2;D6R9U8;D6RIR6;Q9BUT1-3;D6RBF6;D6R9P2	3-hydroxybutyrate dehydrogenase type 2	BDH2	0.000240181	5.14386E-05	0	0.000183165	0	0.000131119	0.000397294	0.00014695	0.000195187	9.72065E-05	0.000104761	0.000246477	1.077719545	0.937896489	2.535603534	0.231413296
U3KQC1;Q9BV38;K7EIR0;K7EML4;U3KQK3	WD repeat-containing protein 18	WDR18	0.002069667	0.001696301	0	0.00054352	0.003104944	0	0.000109257	0.000325412	0	0.001255323	0.001216155	0.00014489	0.968798408	0.974457675	0.115420331	0.159741713
Q9BV86-2;Q9BV86;S4R344;S4R3J7	N-terminal Xaa-Pro-Lys N-methyltransferase 1;N-terminal Xaa-Pro-Lys N-methyltransferase 1, N-terminally processed	NTMT1	0.000379637	0	0	0.000198806	0.000260859	0	9.74867E-05	0	0	0.000126546	0.000153221	3.24956E-05	1.210800556	0.866623113	0.256789567	0.511431588
Q9BVA1	Tubulin beta-2B chain	TUBB2B	0.000177789	0.000211319	0	0.000212625	0	2.46855E-05	0.000197526	4.08969E-05	0.000139429	0.000129703	7.91036E-05	0.00012595	0.609884453	0.618380711	0.971070786	0.964809556
Q9BVG4;A6NDF3	Protein PBDC1	PBDC1	0.002577095	0.00078972	0	0.001145257	0.000104143	0.00020377	0.000787747	0.000691402	8.30723E-05	0.001122272	0.00048439	0.00052074	0.431615343	0.485687218	0.464005531	0.490654361
Q9BVK6	Transmembrane emp24 domain-containing protein 9	TMED9	0.000151878	0.000123251	0	0.000136415	8.52795E-05	0.000191386	0.000303919	0.000110181	0	9.17099E-05	0.000137693	0.000138033	1.501401998	0.455923973	1.505105674	0.668223196
Q9BVP2-2;Q9BVP2;C9JZT7;B4DMU5;C9JYH9	Guanine nucleotide-binding protein-like 3	GNL3	0.003233989	0.003696732	0	0.000458882	0.004448982	0	0.000219687	0.00044782	5.57857E-05	0.002310241	0.001635955	0.000241098	0.708131692	0.731165658	0.10436041	0.151266975
Q9BVS4-2;Q9BVS4;H0Y919	Serine/threonine-protein kinase RIO2	RIOK2	0	0.000190774	0	0	6.85705E-05	0	0	0	0	6.35913E-05	2.28568E-05	0	0.359433183	0.579143727	0	0.373900966
Q9BWF3;E9PB51;Q9BWF3-4;Q9BQ04;D6R9K7;J3QRR5;Q9BWF3-3;Q9BWF3-2;E9PLB0;E9PM61;U3KQD5	RNA-binding protein 4;RNA-binding protein 4B	RBM4;RBM4B	0.00051224	0.000151826	0	0.000358234	0.000220183	0.00025889	0.000825591	0.000378103	0.000420571	0.000221355	0.000279103	0.000541422	1.26088136	0.732239166	2.445941238	0.199307741
Q9BWJ5	Splicing factor 3B subunit 5	SF3B5	0.001896379	0.001145138	0.001225437	0.0021915	0.002788992	0.001202465	0.001811502	0.001747718	0.03628072	0.001422318	0.002060986	0.01327998	1.449033218	0.286951201	9.33685825	0.360861576
Q9BXJ9;Q9BXJ9-4;Q6N069-5;Q6N069-4;Q6N069-3;Q6N069-2;Q6N069	N-alpha-acetyltransferase 15, NatA auxiliary subunit	NAA15	0.00059172	0.00028399	8.31823E-05	0.000404046	0.000371525	0.000322177	0.000179983	0.000387524	0.000259758	0.000319631	0.000365916	0.000275755	1.144808169	0.77273667	0.862731345	0.797194102
Q9BXP5-4;Q9BXP5-2;Q9BXP5-3;Q9BXP5;Q9BXP5-5;H7C3A1;H7C1K0;H7C0U8;REV__Q8IWL3;Q58EX7-2;Q58EX7	Serrate RNA effector molecule homolog	SRRT	0.002650561	0.003656151	0.001799807	0.001542227	0.002239348	0.001021294	0.000913743	0.003181217	0.000807324	0.002702173	0.001600957	0.001634095	0.592469991	0.161504366	0.604733493	0.320162214
Q9BXR0-2;Q9BXR0;K7ESP6;K7EJ21	Queuine tRNA-ribosyltransferase	QTRT1	0	0	5.64023E-05	0.000136462	0.000194357	7.30405E-05	0.000105274	9.88551E-05	0.000137844	1.88008E-05	0.00013462	0.000113991	7.160331988	0.043546528	6.063095271	0.013046327
Q9BY32-2;Q9BY32	Inosine triphosphate pyrophosphatase	ITPA	8.19206E-05	0	0	0	0	0	6.6175E-05	0	0	2.73069E-05	0	2.20583E-05	0	0.373900966	0.807794996	0.888381705
Q9BY44-3;Q9BY44;C9JZE1;F8WAE5;Q9BY44-4;H7C5Q3;H7C5R5;Q9BY44-2	Eukaryotic translation initiation factor 2A;Eukaryotic translation initiation factor 2A, N-terminally processed	EIF2A	9.3645E-05	6.0582E-05	0	2.66252E-05	0	0	1.53123E-05	7.43824E-05	0	5.1409E-05	8.87506E-06	2.98983E-05	0.172636348	0.21402068	0.581576438	0.578098977
Q9BYD2;Q5SZR1	39S ribosomal protein L9, mitochondrial	MRPL9	7.19898E-05	0.000126291	0	4.68398E-05	0	0	3.30378E-05	0	0	6.60937E-05	1.56133E-05	1.10126E-05	0.236229418	0.273149511	0.16662127	0.222763459
Q9BYD6;H0YAB5;H0Y8N7	39S ribosomal protein L1, mitochondrial	MRPL1	0.000114099	0.000198561	0	0.000135213	4.81071E-05	0	0.000117229	0	0	0.00010422	6.11066E-05	3.90765E-05	0.586323135	0.57036118	0.374941983	0.401956492
Q9BYG3;H7BZL0;C9J808;C9J6C5	MKI67 FHA domain-interacting nucleolar phosphoprotein	NIFK	0.000511574	0.000504593	0	9.9761E-05	0.000551244	0	4.5981E-05	0.000152105	0	0.000338722	0.000217002	6.60286E-05	0.640647935	0.63828357	0.194934465	0.194703492
Q9BYN8	28S ribosomal protein S26, mitochondrial	MRPS26	0.000226497	0	0	0.000655206	0.000373868	0	0.000183876	5.32566E-05	0	7.54991E-05	0.000343025	7.90441E-05	4.543425303	0.260398241	1.046953449	0.971477823
S4R369;Q9BZE1;H0Y4J2;A6NHR2	39S ribosomal protein L37, mitochondrial	MRPL37	3.12508E-05	2.00642E-05	0	5.90407E-05	5.46244E-05	0	5.31439E-05	4.98739E-05	3.83781E-05	1.7105E-05	3.78884E-05	4.7132E-05	2.215045224	0.379847216	2.755449038	0.041979824
Q9BZE4;Q9BZE4-2;Q9BZE4-3;Q5T3R7	Nucleolar GTP-binding protein 1	GTPBP4	0.001257701	0.001897108	4.91688E-06	8.06547E-05	0.003084658	0	8.37714E-05	0.000254147	0	0.001053242	0.001055104	0.00011264	1.001768246	0.998792964	0.106945631	0.168751364
Q9BZH6;S4R3Z0	WD repeat-containing protein 11	WDR11	1.23558E-05	0	0	0	1.50227E-05	0	7.42294E-06	1.75034E-05	0	4.11858E-06	5.00757E-06	8.30879E-06	1.21584726	0.897567838	2.017389418	0.556217188
Q9BZI7-2;Q9BZI7;A0A087WYC8	Regulator of nonsense transcripts 3B	UPF3B	0	0.000104556	0	0	6.77648E-05	0	0	0	0	3.48519E-05	2.25883E-05	0	0.648120413	0.782469543	0	0.373900966
Q9BZK3	Putative nascent polypeptide-associated complex subunit alpha-like protein	NACAP1	0	0	0	0	0	0	0	0.000359059	0	0	0	0.000119686	#DIV/0!	#DIV/0!	#DIV/0!	0.373900966
Q9BZK7;C9IYU9;C9JCW4;C9JLJ1;C9JTW8;C9JY82;C9JCK0;C9JBN1;C9JEC9;C9J3H2;C9J903;C9J7E1	F-box-like/WD repeat-containing protein TBL1XR1	TBL1XR1	0.002716508	0.001448085	0.001849681	0.00342538	0.001756021	0.004795617	0.002069286	0.003163272	0.001371159	0.002004758	0.003325673	0.002201239	1.658889774	0.238910387	1.098007412	0.774815145
Q9BZL1;K7EQ43	Ubiquitin-like protein 5	UBL5	0.004186894	0.005966253	0.002770621	0.007847609	0.006085599	0.004374499	0.005981559	0.00557801	0.004854054	0.004307923	0.006102569	0.005471208	1.416592103	0.258549871	1.270033844	0.301560878
Q9C005	Protein dpy-30 homolog	DPY30	0.011951046	0.00624343	0.003431044	0.01592719	0.007161058	0.016893381	0.014144064	0.008665688	0.008555568	0.007208507	0.01332721	0.010455107	1.848817	0.199303627	1.450384575	0.355744539
Q9C0J8;C9J8B4;Q9C0J8-3;Q9C0J8-2	pre-mRNA 3 end processing protein WDR33	WDR33	0	0	4.07992E-05	1.55053E-05	0	0.000342402	4.94531E-05	4.25052E-05	0.000198914	1.35997E-05	0.000119302	9.69574E-05	8.772405212	0.40049668	7.129359173	0.189532632
Q9GZL7	Ribosome biogenesis protein WDR12	WDR12	0.000339102	0.000545128	0	0.000128572	0.000742678	0.000166206	0.000418871	0.000159173	8.16547E-05	0.000294743	0.000345819	0.0002199	1.173287206	0.850708101	0.746071344	0.712066459
Q9GZN8;Q9GZN8-2;H7BYU9	UPF0687 protein C20orf27	C20orf27	0.000247979	0	0	0.000635995	0	0	0.000162878	0.000174359	0	8.26595E-05	0.000211998	0.000112412	2.564717268	0.600144954	1.359945141	0.780903955
Q9GZP4;Q9GZP4-2;X6R8S9;X6RHB9	PITH domain-containing protein 1	PITHD1	0.029145645	0.037079629	0.029226453	0.001932839	7.6745E-05	0.001309572	0.000878681	0.000576419	0.000863004	0.031817242	0.001106385	0.000772701	0.034773139	0.000334461	0.02428561	0.000296178
Q9GZR2	RNA exonuclease 4	REXO4	0	0	0	0	4.36812E-05	0	0	0	0	0	1.45604E-05	0	#DIV/0!	0.373900966	#DIV/0!	#DIV/0!
Q9GZS1-2;Q9GZS1;E7EX70	DNA-directed RNA polymerase I subunit RPA49	POLR1E	0.00089628	0.000312321	0.000125325	0.001877846	0.002772078	0.000257442	0.001036787	0.004467657	0.000234808	0.000444642	0.001635789	0.001913084	3.678888632	0.197571345	4.302525464	0.327870913
Q9GZT3-2;Q9GZT3;A0A087WUN7;H0YJ40;G3V4X6;G3V2S9;H0YJW7;H0YJI1;H0YJ07;H0YJU7	SRA stem-loop-interacting RNA-binding protein, mitochondrial	SLIRP	0.001089525	0.000420721	3.27431E-05	0.000123981	0	0.000370437	0.000131549	0.001094831	0.000466891	0.00051433	0.000164806	0.000564424	0.320428791	0.345695897	1.097396819	0.910446404
Q9GZU8;H3BUL4;H3BMX9;H3BP64;H3BTP8;H3BSY6;H3BTI2;H3BQQ6;Q6P4H7;H3BSF0;H3BU93;H3BN22;H3BNK9;H3BPH9;H3BPF9	Protein FAM192A	FAM192A;NIP30	0.00850783	0.007910531	0.005092945	0.090146301	0.082616599	0.094231669	0.064974116	0.116111521	0.079868141	0.007170435	0.08899819	0.086984593	12.41182517	2.12508E-05	12.13100582	0.00632485
Q9H0D6;Q9H0D6-2	5-3 exoribonuclease 2	XRN2	0.00151309	0.001351605	0.000124823	0.000551827	0.001075259	5.381E-05	0.000300228	0.000465159	0.000106297	0.000996506	0.000560299	0.000290561	0.562263085	0.455379864	0.291580245	0.192119487
Q9H0S4-2;Q9H0S4;F5H1N9	Probable ATP-dependent RNA helicase DDX47	DDX47	0.000173796	0.000565464	0	4.8125E-05	0.000377753	0	4.36217E-05	0	0	0.00024642	0.000141959	1.45406E-05	0.576088243	0.63730878	0.059007385	0.239300841
Q9H2C0	Gigaxonin	GAN	0	0	0	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Q9H2H8;B8ZZ77;H7BZ14;Q9H2H8-2;C9K058;F8WC82;C9J4N2;E9PKJ0;E9PJW4;H0YCG9;Q5T9L3-3	Peptidyl-prolyl cis-trans isomerase-like 3;Peptidyl-prolyl cis-trans isomerase	PPIL3	0.009486082	0.005499351	0.009767999	0.010828304	0.009494552	0.022616693	0.018789006	0.010013141	0.012454183	0.008251144	0.014313183	0.01375211	1.734690607	0.239584579	1.666691251	0.136266039
Q9H2J4;H7BZP2;C9JST4	Phosducin-like protein 3	PDCL3	0.000111083	6.97643E-05	0	0.000367997	0.000478071	0.000286355	0.000416032	0.001077401	0.000320456	6.02826E-05	0.000377474	0.00060463	6.261748468	0.007861438	10.0299308	0.086075014
Q9H2U1-2;Q9H2U1;Q9H2U1-3;E7EWK3;H7C514;H7C5F5	ATP-dependent RNA helicase DHX36	DHX36	0.000177686	0.000194877	7.46948E-05	0.000270596	0.000421155	0.000132166	0.000189704	0.000244816	0.000370835	0.000149086	0.000274639	0.000268452	1.842150901	0.241921144	1.800651497	0.142186316
Q9H2W6;A0A087WT90	39S ribosomal protein L46, mitochondrial	MRPL46	0.000270083	0.000372548	0	0.000192854	0.000538444	0	0.000180815	5.23302E-05	0	0.00021421	0.000243766	7.77151E-05	1.137974413	0.88556083	0.362798168	0.330783517
Q9H307;Q9H307-2;G3V5F0;G3V579	Pinin	PNN	7.9128E-05	0.00020494	0	0.000102262	5.55216E-05	2.30782E-05	8.20509E-05	0.00019324	0	9.46893E-05	6.02873E-05	9.17635E-05	0.636685431	0.619111041	0.969101353	0.973191039
Q9H3G5;H7C0X5;H7C218;A0A087WVP6;A0A087WXJ9;C9J6L4;C9JI22;C9JLV0	Probable serine carboxypeptidase CPVL	CPVL	0.00035807	0.000167833	4.25433E-05	0.000485885	0.000236507	0.000171429	0.00023673	0.000267472	7.88912E-05	0.000189482	0.00029794	0.000194364	1.572393304	0.459489913	1.025766362	0.966342315
Q9H3K6;Q9H3K6-2;H3BV85;H3BTW0;H3BVE0	BolA-like protein 2	BOLA2	0.000918964	0.000334289	0	0.001996161	0	0	0.001789727	0.000802079	0	0.000417751	0.000665387	0.000863935	1.592783549	0.747387902	2.068062385	0.486806273
Q9H3P7	Golgi resident protein GCP60	ACBD3	0.000116157	0	0	0.000265177	0	0	9.17888E-05	7.48625E-05	3.28381E-05	3.87191E-05	8.83923E-05	6.64965E-05	2.282913953	0.63386769	1.717407949	0.549047118
Q9H3U1-2;Q9H3U1;Q9H3U1-3	Protein unc-45 homolog A	UNC45A	0	0	0	3.16117E-05	0	0	7.86469E-05	4.5354E-05	0	0	1.05372E-05	4.13336E-05	#DIV/0!	0.373900966	#DIV/0!	0.143960824
Q9H444	Charged multivesicular body protein 4b	CHMP4B	0.000676872	0.000218177	0	0.000464569	6.00731E-05	9.05902E-05	0.000324445	0.000266754	0.000115623	0.00029835	0.000205077	0.000235607	0.687373245	0.71524358	0.789701703	0.778933384
Q9H4A4;A6NKB8;C9JMZ3;A0A087WUS4;A0A087WU27	Aminopeptidase B	RNPEP	0.000244348	0	0	0.000400105	0.000107229	1.39892E-05	0.000157458	0.000100742	0	8.14494E-05	0.000173774	8.60667E-05	2.133525924	0.551040649	1.056688586	0.963006727
Q9H4L4;A0A087X0R7;J3KSF5;J3QRE4;A0A087WV50;J3QL36	Sentrin-specific protease 3	SENP3;SENP3-EIF4A1	0.000146489	0.000119512	0	4.15398E-05	0.000259842	1.91561E-05	0	4.01746E-05	0	8.8667E-05	0.000106846	1.33915E-05	1.205024192	0.848112827	0.151031782	0.184218993
Q9H5U6-2;Q9H5U6-3;Q9H5U6;H0Y8V8;A0A087X0K5	Zinc finger CCHC domain-containing protein 4	ZCCHC4	0	6.95936E-05	0	0	0	0	0	0	0	2.31979E-05	0	0	0	0.373900966	0	0.373900966
Q9H6F5;Q9H6F5-2;H0YG79	Coiled-coil domain-containing protein 86	CCDC86	0.000613158	0.000122374	0	9.07038E-05	0.000770536	0.000112923	0.0004367	7.84291E-05	0	0.000245177	0.000324721	0.00017171	1.324432684	0.79829186	0.700348858	0.765958887
Q9H6S0;D6RA70;D6RF50;D6R9T8	Probable ATP-dependent RNA helicase YTHDC2	YTHDC2	0.000179857	0.000284109	3.54017E-06	7.06482E-05	0.000196243	0.000179046	5.58892E-05	1.14752E-05	0	0.000155836	0.000148646	2.24548E-05	0.953861782	0.940707104	0.144092839	0.185980883
Q9H6T3-3;Q9H6T3-2;Q9H6T3	RNA polymerase II-associated protein 3	RPAP3	0	0	0	0	2.40947E-05	1.01102E-05	0	0	0	0	1.14016E-05	0	#DIV/0!	0.177974671	#DIV/0!	#DIV/0!
Q9H773;H3BPN2;H3BSA6	dCTP pyrophosphatase 1	DCTPP1	0.000627959	0	0	0.000882229	0.000253784	0.000182655	0.000909172	0.000292079	0	0.00020932	0.000439556	0.000400417	2.099927143	0.492772603	1.912945182	0.604131247
Q9H7B2;Q5VXN0	Ribosome production factor 2 homolog	RPF2	9.14904E-05	9.97775E-05	0	0	0.000451413	0	0	0	0	6.3756E-05	0.000150471	0	2.360106561	0.603055492	0	0.116862657
Q9H7D7-2;Q9H7D7;H0Y9R3;C9JCS7;H0Y917;Q9H7D7-3;Q9H7D7-4	WD repeat-containing protein 26	WDR26	3.28769E-05	0	0	3.66698E-05	1.82671E-05	0	6.36483E-05	9.42701E-05	0.0001712	1.0959E-05	1.83123E-05	0.000109706	1.670986014	0.654597113	10.01062547	0.043243042
Q9H7E9;Q9H7E9-2	UPF0488 protein C8orf33	C8orf33	0.000657109	0.000540546	0	0.005555887	0.003015513	0	0.003701248	0.000604436	0.000118629	0.000399218	0.002857133	0.001474771	7.156818963	0.203472482	3.694145875	0.398919432
Q9H7S9	Zinc finger protein 703	ZNF703	0	0	0	0	6.31846E-05	0.0003683	0.000386109	0	0.000337963	0	0.000143828	0.000241357	#DIV/0!	0.274584446	#DIV/0!	0.117872145
Q9H814	Phosphorylated adapter RNA export protein	PHAX	0.000168455	0	0	7.3465E-05	0	0	0	0	0	5.61518E-05	2.44883E-05	0	0.436109656	0.632507439	0	0.373900966
Q9H8H0	Nucleolar protein 11	NOL11	0	0	0	9.67315E-05	2.87779E-05	0	0	0	0	0	4.18365E-05	0	#DIV/0!	0.21835902	#DIV/0!	#DIV/0!
Q9H8M7;X6R9S5;X6RC97;X6RC30;Q9H8M7-2	Protein FAM188A	FAM188A	0	0	0	8.3129E-05	0	4.94208E-05	0.000213177	6.94969E-05	0	0	4.41833E-05	9.42247E-05	#DIV/0!	0.141176281	#DIV/0!	0.207719739
Q9H8Y8-2;Q9H8Y8;Q9H8Y8-3	Golgi reassembly-stacking protein 2	GORASP2	0	6.30512E-05	0	0.000145349	0	0	3.2294E-05	0	4.77344E-05	2.10171E-05	4.84497E-05	2.66761E-05	2.305254408	0.630872077	1.269259325	0.833891239
Q9H993	Protein-glutamate O-methyltransferase	ARMT1	6.05812E-05	0	0	0	0	0	0	0	0	2.01937E-05	0	0	0	0.373900966	0	0.373900966
Q9H9L3	Interferon-stimulated 20 kDa exonuclease-like 2	ISG20L2	0	3.38362E-05	0	0	0	0	0	0	0	1.12787E-05	0	0	0	0.373900966	0	0.373900966
Q9H9L7;B4DQP0;H0YEQ5;Q9H9L7-2	Akirin-1	AKIRIN1	0.001066905	0.000577518	0	0.008230496	0.002965512	0.005511328	0.005223821	0.006077332	0.002561854	0.000548141	0.005569112	0.004621002	10.15999853	0.031762949	8.43031709	0.020949677
Q9H9Y6;Q9H9Y6-3;Q9H9Y6-2;Q9H9Y6-4;Q9H9Y6-5;H7C0D9;C9JJG2;C9JS83;F8WDS4;F8WAK7;F8WBB9;F8WCS3	DNA-directed RNA polymerase I subunit RPA2	POLR1B	0.000442899	0.000124741	0.000129857	0.001387595	0.000755678	0.000467669	0.001071451	0.000752685	0.000787614	0.000232499	0.000870314	0.000870583	3.74330005	0.093767616	3.744458226	0.011908207
Q9HAV0;H7C5J5	Guanine nucleotide-binding protein subunit beta-4	GNB4	0.000142231	0	0	0	0	0	0	0	0	4.74104E-05	0	0	0	0.373900966	0	0.373900966
Q9HAV4;E2QRM3;H0Y9I3	Exportin-5	XPO5	3.66662E-06	0	0	0	0	0	0	0	0	1.22221E-06	0	0	0	0.373900966	0	0.373900966
Q9HAV7	GrpE protein homolog 1, mitochondrial	GRPEL1	0.000385823	2.14404E-05	0	0.000315691	0	0	0.00020606	0.000299638	0.000720354	0.000135755	0.00010523	0.000408684	0.775152043	0.861022071	3.010463348	0.247445663
Q9HB71;Q9HB71-3;B2ZWH1;Q9HB71-2;Q9HB71-3	Calcyclin-binding protein	CACYBP	0.003161598	0.001406546	0.000128825	0.003633841	0.001370896	0.001620046	0.002323692	0.001691774	0.002696818	0.001565656	0.002208261	0.002237428	1.410437727	0.601235042	1.429067143	0.50865887
Q9HCC0;Q9HCC0-2;D6RDF7;D6R9R1	Methylcrotonoyl-CoA carboxylase beta chain, mitochondrial	MCCC2	0.009154628	0.007471631	0.006426284	0.009291831	0.003748962	0.00862366	0.008212188	0.00591964	0.005864489	0.007684181	0.007221484	0.006665439	0.939785826	0.821342657	0.867423458	0.410294995
Q9HCM4-2;Q9HCM4-4;Q9HCM4-3;Q9HCM4	Band 4.1-like protein 5	EPB41L5	0.00012002	0.000436249	0	9.77078E-05	0.000485899	5.32783E-05	6.06872E-05	0.000113915	4.13671E-05	0.000185423	0.000212295	7.19899E-05	1.144923376	0.893939563	0.388246918	0.438305024
Q9HCN4-3;Q9HCN4-2;Q9HCN4-4;Q9HCN4;Q9HCN4-5	GPN-loop GTPase 1	GPN1	0.000108398	0	0	0.000174782	0	0.000178099	0	0	0.000365677	3.61328E-05	0.000117627	0.000121892	3.255415441	0.303199035	3.373454634	0.536937131
Q9HCN8	Stromal cell-derived factor 2-like protein 1	SDF2L1	9.27363E-05	0.000192107	0	0.000250936	8.96882E-05	0.000349927	0.000311811	0.000498021	0	9.49477E-05	0.000230184	0.000269944	2.424322148	0.223462791	2.84308317	0.323413351
Q9HCS7	Pre-mRNA-splicing factor SYF1	XAB2	0	2.03712E-05	0	0	0.000136198	0	0	0	0	6.79039E-06	4.53994E-05	0	6.685821212	0.447647539	0	0.373900966
Q9HDC5	Junctophilin-1	JPH1	0.000171287	8.72139E-05	0	0	8.74367E-05	0	0	0	0	8.61668E-05	2.91456E-05	0	0.33824595	0.37673682	0	0.156372847
Q9NPD3;E9PPI9;E9PI41	Exosome complex component RRP41	EXOSC4	0.000222523	0.000188004	0	0.000127033	0.000331866	0.000109609	0.000162469	0.000221346	0	0.000136842	0.000189503	0.000127938	1.384827234	0.624175876	0.934933272	0.930358034
Q9NPD8	Ubiquitin-conjugating enzyme E2 T	UBE2T	0	0	0	0.000147391	0	0	0	0.000263815	0	0	4.91304E-05	8.79385E-05	#DIV/0!	0.373900966	#DIV/0!	0.373900966
Q9NPE3	H/ACA ribonucleoprotein complex subunit 3	NOP10	0	0.000606868	0	0	0.001310008	0	0	0	0	0.000202289	0.000436669	0	2.158638223	0.651725018	0	0.373900966
Q9NPH2-2;Q9NPH2-	Inositol-3-phosphate synthase 1	ISYNA1	4.4481E-05	5.39738E-05	0	0	0	0	0.000288389	8.21594E-05	0	3.28183E-05	0	0.000123516	0	0.119801038	3.763639537	0.357901078
Q9NQ50	39S ribosomal protein L40, mitochondrial	MRPL40	0.000204479	0.001231735	0	0	0.00040164	0	0	0	0	0.000478738	0.00013388	0	0.279651767	0.441351882	0	0.277404917
Q9NQ55-2;Q9NQ55;Q9NQ55-3;A8MV53;H7C446;C9JHF7;C9J3W3	Suppressor of SWI4 1 homolog	PPAN	9.43904E-05	0.000260929	0	0	0.000349381	0	0	0	0	0.00011844	0.00011646	0	0.983287611	0.98933679	0	0.195439442
Q9NQ88	Fructose-2,6-bisphosphatase TIGAR	TIGAR	5.36879E-05	0	0	0.000153452	0	0	0.000118425	8.95887E-05	0	1.7896E-05	5.11508E-05	6.93378E-05	2.85823323	0.572621048	3.874492296	0.266740821
Q9NQH7-2;Q9NQH7-4;Q9NQH7;Q9NQH7-3;Q9NQH7-5	Probable Xaa-Pro aminopeptidase 3	XPNPEP3	3.19683E-05	4.14132E-05	0	0.000123386	0	0	2.2061E-05	5.95239E-05	0	2.44605E-05	4.11286E-05	2.7195E-05	1.681429278	0.718002417	1.11179104	0.904583651
Q9NQR4;F8WF70;H7C579	Omega-amidase NIT2	NIT2	8.54413E-05	2.27566E-05	0	7.04489E-05	0	0	6.11045E-05	0	0	3.6066E-05	2.3483E-05	2.03682E-05	0.651111359	0.735234617	0.564747469	0.655997166
Q9NQT5;Q9NQT5-2	Exosome complex component RRP40	EXOSC3	0.000264712	0.000100096	0	0	0.000560387	0	8.73145E-05	0	6.11078E-05	0.000121603	0.000186796	4.94741E-05	1.536111732	0.763181754	0.40684941	0.425563721
Q9NQX4;H0YM93;H0YMK3;Q9NQX4-2	Unconventional myosin-Vc	MYO5C	9.81818E-05	1.76608E-05	0.005126886	0.005058134	3.72725E-05	0.001550469	0.005443562	3.42078E-05	0.000173441	0.001747576	0.002215292	0.001883737	1.267636922	0.84554579	1.077914224	0.958423216
Q9NR09	Baculoviral IAP repeat-containing protein 6	BIRC6	2.71608E-06	0	0	0.000266677	0.000227721	0.000289987	0.000235044	0.000325905	0.000119613	9.0536E-07	0.000261462	0.000226854	288.7933071	0.000137873	250.5677305	0.019355629
Q9NR28-2;Q9NR28;F5GXT8;F5H796;Q9NR28-3;F5GX50;F5GYH3;H7BZK7;F5H0Q4;H7BZQ7	Diablo homolog, mitochondrial	DIABLO	0.000624608	0.000232013	0	0.001403739	0.000174668	0.000121042	0.000346277	0.000157441	0.000190261	0.00028554	0.000566483	0.000231326	1.983896658	0.571849457	0.810135527	0.791003747
Q9NR30;Q9NR30-2	Nucleolar RNA helicase 2	DDX21	0.00984804	0.014634339	0	0.001736044	0.022074618	0.000623725	0.002292491	0.004724496	0.00020109	0.008160793	0.008144796	0.002406026	0.998039704	0.998536066	0.294827417	0.27027915
Q9NR33	DNA polymerase epsilon subunit 4	POLE4	0	0	0	0	0	0	0.000265657	9.41377E-05	0	0	0	0.000119932	#DIV/0!	#DIV/0!	#DIV/0!	0.19788267
Q9NR45;Q5TBR0;Q5TBR1	Sialic acid synthase	NANS	0.000740692	0.000150762	0	0.000788344	4.30069E-05	0.000240802	0.000811822	0.000255404	0	0.000297151	0.000357384	0.000355742	1.202699817	0.858748751	1.197173078	0.867475772
Q9NRF8	CTP synthase 2	CTPS2	0	0	0	1.92191E-05	0	0	2.07076E-05	0	0	0	6.40637E-06	6.90254E-06	#DIV/0!	0.373900966	#DIV/0!	0.373900966
Q9NRF9;Q8N9C0-2	DNA polymerase epsilon subunit 3	POLE3	0	0	0	0.000166737	0	0	0.001435217	0.000636086	0	0	5.5579E-05	0.000690434	#DIV/0!	0.373900966	#DIV/0!	0.171668424
Q9NRG4-2;Q9NRG4	N-lysine methyltransferase SMYD2	SMYD2	0.002284522	0.004354857	0	0.000643877	0	0.002323579	0.000830105	0.004082959	0	0.002213126	0.000989152	0.001637688	0.446947712	0.441975416	0.739988401	0.761431949
Q9NRR5;Q9NRR5-2	Ubiquilin-4	UBQLN4	0	0	0	0.000300376	0	0.000326806	0.000345312	0	0.000124525	0	0.00020906	0.000156612	#DIV/0!	0.116822387	#DIV/0!	0.195810471
Q9NRX4-2;Q9NRX4	14 kDa phosphohistidine phosphatase	PHPT1	0.000262715	0.000134933	0	0.000197399	6.71533E-05	0	0.000406095	0.000187948	0	0.000132549	8.81842E-05	0.000198014	0.665294345	0.666251517	1.493894108	0.663783532
Q9NS69	Mitochondrial import receptor subunit TOM22 homolog	TOMM22	0.000107086	0	0	0.000301182	0.000168453	0	0.000164999	3.90082E-05	0	3.56953E-05	0.000156545	6.80024E-05	4.385598045	0.268705116	1.905081545	0.625839563
Q9NS86	LanC-like protein 2	LANCL2	0	1.09439E-05	0	0.000105551	0.000533329	6.62323E-05	2.94465E-05	0	0	3.64797E-06	0.000235038	9.81548E-06	64.42978213	0.196886125	2.690673622	0.587527076
Q9NSD9;Q9NSD9-2;REV__Q6ZSS7	Phenylalanine--tRNA ligase beta subunit	FARSB	7.95147E-05	1.15221E-05	0	6.69783E-05	0	0	0	0	0	3.03456E-05	2.23261E-05	0	0.735728231	0.821924428	0	0.288390182
Q9NSE4	Isoleucine--tRNA ligase, mitochondrial	IARS2	2.35498E-05	1.82328E-05	0	4.23011E-05	3.21609E-05	0	6.66605E-05	4.87434E-05	6.15416E-05	1.39275E-05	2.48207E-05	5.89818E-05	1.78212866	0.497325784	4.234904431	0.007173903
Q9NT62-2;Q9NT62;F8WDI0;C9JNW8	Ubiquitin-like-conjugating enzyme ATG3	ATG3	2.61812E-05	0	0	5.15218E-05	0	0	0	0	0	8.72708E-06	1.71739E-05	0	1.967888479	0.683683105	0	0.373900966
Q9NTZ6;A6PVI1;A6PVI0;Q5JX62	RNA-binding protein 12	RBM12	0	0	0	1.94119E-05	0	0	0	2.87323E-05	0	0	6.47064E-06	9.57745E-06	#DIV/0!	0.373900966	#DIV/0!	0.373900966
Q9NU22	Midasin	MDN1	0	0	0	2.14331E-06	1.22843E-05	0	0	0	0	0	4.80922E-06	0	#DIV/0!	0.273112545	#DIV/0!	#DIV/0!
Q9NUD5;Q9NUD5-2	Zinc finger CCHC domain-containing protein 3	ZCCHC3	0.000237023	0.000260764	0	5.32459E-05	0.000239132	0	5.7797E-05	4.5677E-05	0	0.000165929	9.74594E-05	3.44913E-05	0.587355604	0.568653909	0.207867902	0.197292709
Q9NUJ1;Q9NUJ1-2;Q9NUJ1-3;F8WBJ5;F8WBQ6	Mycophenolic acid acyl-glucuronide esterase, mitochondrial	ABHD10	5.4487E-05	0.000115757	0	0.000461054	0	0.005342548	7.7693E-05	0.000156762	0	5.67479E-05	0.001934534	7.81515E-05	34.0899779	0.333693753	1.377171211	0.722983423
Q9NUL7	Probable ATP-dependent RNA helicase DDX28	DDX28	0.000397015	0.000125246	1.34152E-05	0.000174805	0.000289551	0	0.000154449	2.34834E-05	0	0.000178559	0.000154785	5.93108E-05	0.866858901	0.874843561	0.332164385	0.38935257
Q9NUP9;G3V1D4;H0YI92;H0YIA8;Q14910;Q9HAP6	Protein lin-7 homolog C	LIN7C	0.000986157	0.000460822	7.37944E-05	0.00195682	0.000616389	0.000970755	0.000931657	0.001010399	0	0.000506925	0.001181321	0.000647352	2.33036798	0.232985087	1.277017972	0.754098295
Q9NUQ9-2;A0A087X178;Q9NUQ9;Q9H0Q0	Protein FAM49B	FAM49B	6.16918E-05	9.8867E-05	0	0.00021557	0.000191691	0.000740304	0.000381055	0	0	5.35196E-05	0.000382521	0.000127018	7.147315151	0.143813859	2.373305443	0.602694271
Q9NVH0-2;Q9NVH0	Exonuclease 3-5 domain-containing protein 2	EXD2	9.45536E-05	4.64117E-05	0	3.47083E-05	7.3102E-05	0	0	6.75341E-05	0	4.69884E-05	3.59368E-05	2.25114E-05	0.764800765	0.764802275	0.479083335	0.527123822
Q9NVP1;H7C452	ATP-dependent RNA helicase DDX18	DDX18	0.000232491	0.000621962	0	0.000160038	0.001288236	0.000132239	0	0	0	0.000284818	0.000526838	0	1.849737114	0.59683933	0	0.191558597
Q9NVP2;K7ELW9	Histone chaperone ASF1B	ASF1B	0	0	0	0	0	0	0.000370324	0	0	0	0	0.000123441	#DIV/0!	#DIV/0!	#DIV/0!	0.373900966
Q9NVR0	Kelch-like protein 11	KLHL11	0	0	0	3.14101E-05	3.30552E-05	0	3.61608E-05	0	0	0	2.14885E-05	1.20536E-05	#DIV/0!	0.116375474	#DIV/0!	0.373900966
Q9NVS9-2;Q9NVS9-4;Q9NVS9-3;Q9NVS9	Pyridoxine-5-phosphate oxidase	PNPO	0.000129744	0	0	0.000314169	0	0	0	0	0	4.3248E-05	0.000104723	0	2.421448219	0.616237526	0	0.373900966
Q9NVV4;Q9NVV4-2	Poly(A) RNA polymerase, mitochondrial	MTPAP	2.31588E-05	0.000100904	0	0	0.000135884	0	0	0	0	4.13541E-05	4.52946E-05	0	1.095285999	0.945946414	0	0.246841279
Q9NVX2;K7ERN7	Notchless protein homolog 1	NLE1	0.000146832	4.01194E-05	6.19318E-05	0	0.000211063	0.000100772	0.000112741	4.5188E-05	0.000285399	8.29612E-05	0.000103945	0.000147776	1.25293369	0.776508344	1.781264088	0.455818469
Q9NW13;Q9NW13-2;H7C5G8;C9JE21;C9JAA9	RNA-binding protein 28	RBM28	0.000147855	0.000445878	8.26519E-06	0	0.000486385	0	0	1.40219E-05	0	0.000200666	0.000162128	4.67395E-06	0.80795123	0.861517372	0.023292189	0.203710628
Q9NW64-2;Q9NW64;E5RJW4	Pre-mRNA-splicing factor RBM22	RBM22	0.000426036	0.000505596	3.79661E-05	0.000234233	0.000289494	3.98116E-05	0	0	0	0.000323199	0.000187846	0	0.581207874	0.453250955	0	0.08887941
Q9NWK9;Q9NWK9-2	Box C/D snoRNA protein 1	ZNHIT6	4.18152E-05	3.13265E-06	0	1.52375E-05	0	0	0	1.46284E-05	0	1.49826E-05	5.07918E-06	4.87613E-06	0.339004765	0.528717267	0.325452404	0.518817204
Q9NWV4;B1ARP7	UPF0587 protein C1orf123	C1orf123	0.001350865	0.000748136	0	0.000792665	0.000846681	0	0.001007516	0.001536213	0	0.000699667	0.000546449	0.00084791	0.78101243	0.764143761	1.21187596	0.815938177
Q9NWX6	Probable tRNA(His) guanylyltransferase	THG1L	0	0	0	0.000104002	5.64473E-05	5.10208E-05	0.000168062	0	0	0	7.049E-05	5.60208E-05	#DIV/0!	0.013822105	#DIV/0!	0.373900966
Q9NX09	DNA damage-inducible transcript 4 protein	DDIT4	0	0	0	0.002314785	0.002729134	0.002316196	0.002517825	0.002704775	0.000616407	0	0.002453372	0.001946336	#DIV/0!	5.86183E-05	#DIV/0!	0.043356663
Q9NX31	Oxidative stress-responsive serine-rich protein 1	OSER1	0	0	0	0.000169655	0	0.000258415	0.000280599	0.000275951	0.000146315	0	0.00014269	0.000234288	#DIV/0!	0.13292923	#DIV/0!	0.005989881
Q9NX46	Poly(ADP-ribose) glycohydrolase ARH3	ADPRHL2	3.76522E-05	0	0	4.84967E-05	0	0	0	0	0	1.25507E-05	1.61656E-05	0	1.288019229	0.868382014	0	0.373900966
Q9NX55	Huntingtin-interacting protein K	HYPK	0.000642351	0.000279258	0	0	0	0	0	0	0	0.000307203	0	0	0	0.173875549	0	0.173875549
Q9NX58;D6RDJ1	Cell growth-regulating nucleolar protein	LYAR	0.001622923	0.002458199	0.000166473	0	0.004614415	3.64977E-05	0	0	0	0.001415865	0.001550304	0	1.094951922	0.939777603	0	0.101978425
Q9NXF1-2;Q9NXF1	Testis-expressed sequence 10 protein	TEX10	7.96908E-05	0.000156093	0	0	0.000206917	0	0	0	0	7.85947E-05	6.89724E-05	0	0.877570884	0.912654731	0	0.156091121
Q9NXG2;H3BNW0	THUMP domain-containing protein 1	THUMPD1	0.000325289	5.15943E-05	0	0	7.1962E-05	3.60728E-05	0.000111313	0	0.000152156	0.000125628	3.60116E-05	8.7823E-05	0.286652902	0.433575149	0.699072925	0.74991554
Q9NXH9-2;Q9NXH9;K7EQQ8;K7EQY6;K7ENI9;K7ERR5;K7EQU7;K7EJX9	tRNA (guanine(26)-N(2))-dimethyltransferase	TRMT1	0.000235691	0.000134006	0	0.000213237	0	5.25709E-05	0.000176264	0.00011549	0.000117816	0.000123232	8.86025E-05	0.000136523	0.718986635	0.730314866	1.107852862	0.860788081
Q9NXW9-2;Q9NXW9	Alpha-ketoglutarate-dependent dioxygenase alkB homolog 4	ALKBH4	0	0	0	0	0	0	0.000177	0.00016782	0.000367214	0	0	0.000237345	#DIV/0!	#DIV/0!	#DIV/0!	0.021731315
Q9NY12-2;Q9NY12	H/ACA ribonucleoprotein complex subunit 1	GAR1	0.000700759	0.00066711	0	0	0	0	0	0	0	0.000455956	0	0	0	0.116357157	0	0.116357157
Q9NY27-3;Q9NY27;Q9NY27-2;F8WDK3;F8WCA1;C9IZ04	Serine/threonine-protein phosphatase 4 regulatory subunit 2	PPP4R2	0	0	0	0.000123522	0	0	3.36965E-05	1.73352E-05	0	0	4.11741E-05	1.70106E-05	#DIV/0!	0.373900966	#DIV/0!	0.155289147
Q9NY93;Q9NY93-2;H7C3E9;G3V0G3;F8WDT8;H7BZN7;F8WEI3	Probable ATP-dependent RNA helicase DDX56	DDX56	0.000716161	0.000592313	1.74553E-05	0.000493767	0.002071401	0.000334307	0.000510969	0.000459215	0.000204977	0.000441976	0.000966492	0.00039172	2.18675044	0.427592917	0.886293106	0.841188763
Q9NYB0;H3BMI8	Telomeric repeat-binding factor 2-interacting protein 1	TERF2IP	0.000167149	0	0	0.000277358	0	0.00018787	0.000170055	7.2312E-05	8.44694E-05	5.57164E-05	0.000155076	0.000108946	2.783306759	0.371967702	1.955358509	0.449989903
Q9NYL9;H0YNJ8;H0YKU1;H0YNU8;Q15911-2;Q15911	Tropomodulin-3	TMOD3	0.008256715	0.000980075	0.004996309	0.009373782	0.006108171	0.016853264	0.00918626	0.015593618	0.007607645	0.004744367	0.010778406	0.010795841	2.271832391	0.188751212	2.275507331	0.133693845
Q9NYU2-2;Q9NYU2;H7BZG0	UDP-glucose:glycoprotein glucosyltransferase 1	UGGT1	6.83853E-05	1.32022E-05	4.51454E-05	0.000148723	2.86322E-05	0.00012394	0.000123424	0.000115362	6.33145E-05	4.22443E-05	0.000100432	0.0001007	2.377408375	0.218952954	2.383760563	0.077203703
Q9NZ01;M0R3C3;Q9NZ01-2	Very-long-chain enoyl-CoA reductase	TECR	0	0	0	0	0.00021962	0	0	0	8.88487E-05	0	7.32068E-05	2.96162E-05	#DIV/0!	0.373900966	#DIV/0!	0.373900966
Q9NZB2;Q9NZB2-6;Q9NZB2-4;Q9NZB2-2;Q9NZB2-5;Q5T035;F8W881;Q9NX05	Constitutive coactivator of PPAR-gamma-like protein 1	FAM120A	0.002091406	0.001482092	1.2256E-05	0.001355576	0.00192114	0.000161461	0.001168631	0.001068653	7.96939E-05	0.001195251	0.001146059	0.000772326	0.958843185	0.954267126	0.646162037	0.582556155
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	0.032552557	0.025818874	0.001144876	0.032695387	0.045864141	0.00425652	0.021865099	0.01777821	0.005856633	0.019838769	0.027605349	0.015166647	1.391484985	0.643735428	0.764495366	0.684539911

Q9NZL4;Q9NZL4-3;Q9NZL4-2;K7EL16;K7EN20;K7ERT9;K7EKM6;K7EMM7	Hsp70-binding protein 1	HSPBP1	0.000205396	0	0	0.000419496	0.000186265	0.000114037	3.05338E-05	0.000406277	0	6.84655E-05	0.000239933	0.000145604	3.504431391	0.209630904	2.126671798	0.628600121
Q9NZL9;Q9NZL9-3;Q9NZL9-4;Q9NZL9-2;E5RJR3;H7C0X7;Q9NZL9-5	Methionine adenosyltransferase 2 subunit beta	MAT2B	0.00064639	0.000150882	0	0.000495111	0.000103386	7.71852E-05	0.00045998	0.000200528	5.64245E-05	0.000265757	0.000225227	0.000238977	0.84749191	0.872755777	0.899231796	0.912222988
Q9NZM5;M0QZ34;M0QZU5;M0QYZ9;M0QX73	Glioma tumor suppressor candidate region gene 2 protein	GLTSCR2	8.62984E-05	0	0	0	0.000516357	0	0	0	0	2.87661E-05	0.000172119	0	5.983391607	0.457515601	0	0.373900966
Q9NZT1	Calmodulin-like protein 5	CALML5	0.000277515	0.000237928	0.00054769	0.000160194	0.000455527	0.00226542	0.000801402	0.001046177	0.002812379	0.000354378	0.00096038	0.001553319	2.710047556	0.413841118	4.383231273	0.134726944
Q9NZZ3-2;Q9NZZ3	Charged multivesicular body protein 5	CHMP5	0	0	0	0.000121178	0	0	0	0	0	0	4.03927E-05	0	#DIV/0!	0.373900966	#DIV/0!	#DIV/0!
Q9P0J7	E3 ubiquitin-protein ligase KCMF1	KCMF1	0	0	0	0	0	5.06932E-05	0	0	0	0	1.68977E-05	0	#DIV/0!	0.373900966	#DIV/0!	#DIV/0!
Q9P0L1;C9J6L6;J3KT56;H3BNI0;A0A087WUV0;A0A087WYZ0;P0CG24;P58317;P15622-2;P17036;P17023-2;P17023;Q86W11;Q96NJ6;Q9HBT8-2;Q9HBT8;Q5MCW4-2;Q8NF99;Q6ZMS4;P15622-3;P15622;P17032;Q8N883;P17027-2;P17027;Q5MCW4;Q4V348;Q5TYW1	Zinc finger protein with KRAB and SCAN domains 7;Zinc finger protein 883;Zinc finger protein 121;Zinc finger protein 250;Zinc finger protein 3;Zinc finger protein 19;Zinc finger and SCAN domain-containing protein 30;Zinc finger protein 3 homolog;Zinc finger protein 286A;Zinc finger protein 569;Zinc finger protein 397;Zinc finger protein 852;Zinc finger protein 37A;Zinc finger protein 614;Zinc finger protein 23;Zinc finger protein 658B;Zinc finger protein 658	ZKSCAN7;ZNF19;ZNF852;ZNF883;ZNF121;ZNF250;ZNF3;ZSCAN30;ZFP3;ZNF286A;ZNF569;ZNF397;ZNF37A;ZNF614;ZNF23;ZNF658B;ZNF658	0.000110377	1.63356E-05	0	0	0	0	0	1.64889E-05	0	4.22374E-05	0	5.49628E-06	0	0.286754591	0.130128335	0.35099519
Q9P0P0;C9J1C6;F8WBU5;C9J391;H7C426	E3 ubiquitin-protein ligase RNF181	RNF181	0.000557178	0.001387169	0	0.042341444	0.04912709	0.049003032	0.034181961	0.03838681	0.040000681	0.000648116	0.046823855	0.037523151	72.24611318	3.49356E-05	57.89574107	3.21157E-05
Q9P1U0	DNA-directed RNA polymerase I subunit RPA12	ZNRD1	0	0	0	0.000361615	0.000230092	0.00030753	0.000606701	0.000782384	0.000592154	0	0.000299746	0.000660413	#DIV/0!	0.001420112	#DIV/0!	0.000416385
Q9P258	Protein RCC2	RCC2	4.09367E-05	0.000110293	0	0	4.22783E-05	0	4.41526E-05	3.74043E-05	0	5.04097E-05	1.40928E-05	2.71857E-05	0.279564644	0.359748153	0.539293885	0.543223783
Q9P287-4;Q9P287-3;Q9P287;Q9P287-2	BRCA2 and CDKN1A-interacting protein	BCCIP	0.000182038	0	0	4.62845E-05	0	0.0007319	0.001215135	0.000346834	0	6.06793E-05	0.000259395	0.000520656	4.274851127	0.461605129	8.580460952	0.277720342
Q9P2I0;H0YJF4	Cleavage and polyadenylation specificity factor subunit 2	CPSF2	0.004295374	0.001366025	0.002535631	0.008625922	0.003255805	0.006520444	0.007155216	0.006306132	0.006261422	0.002732343	0.006134057	0.006574257	2.244980438	0.128446483	2.406087364	0.012943811
Q9P2J5;Q9P2J5-2;Q9P2J5-3;A0A087WXY1	Leucine--tRNA ligase, cytoplasmic	LARS	0.00109816	0.000317113	7.22789E-05	0.001643233	0.000225549	0.000909914	0.001389423	0.000934312	0.000563255	0.000495851	0.000926232	0.00096233	1.86796569	0.448766639	1.940765129	0.298622051
Q9P2K8-2;Q9P2K8;H0YME5;Q9P2K8-3;H0YND8	Eukaryotic translation initiation factor 2-alpha kinase 4	EIF2AK4	1.51401E-05	0	0	0	0	0	4.39511E-05	0.000222205	0	5.04671E-06	0	8.87188E-05	0	0.373900966	17.57951162	0.286696784
Q9P2R7-2;Q9P2R7;Q5T9Q5	Succinyl-CoA ligase [ADP-forming] subunit beta, mitochondrial	SUCLA2	0	0	0	0.000153347	0	0	7.80564E-05	7.61164E-05	3.18977E-05	0	5.11157E-05	6.20235E-05	#DIV/0!	0.373900966	#DIV/0!	0.014674612
Q9UBB4;Q9UBB4-2;B1AHE4;B1AHE3;H0Y7N2	Ataxin-10	ATXN10	0.000218807	5.20061E-05	0	0.000670365	0.000162862	0.00022846	0.000674867	0.000327094	0.000139671	9.02711E-05	0.000353896	0.000380544	3.920365203	0.201149617	4.215568745	0.163142103
Q9UBB9;Q9UBB9-2;H0Y4U8	Tuftelin-interacting protein 11	TFIP11	0	0	0	1.25114E-05	1.39355E-05	0	7.26225E-06	0	0	0	8.81566E-06	2.42075E-06	#DIV/0!	0.117268542	#DIV/0!	0.373900966
Q9UBI6	Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-12	GNG12	0.010597303	0.000465674	0	0.001282334	0.000603588	0.000241348	0.001615949	0	0	0.003687659	0.00070909	0.00053865	0.192287334	0.439182779	0.146068217	0.419035317
Q9UBP6;F8VSD9;H0YHX0;H0YIH0;Q9UBP6-2	tRNA (guanine-N(7)-)-methyltransferase	METTL1	0.000101709	0	0	8.85924E-05	0	0	0.000245213	0	0	3.3903E-05	2.95308E-05	8.17377E-05	0.87103743	0.927209624	2.410926624	0.617500714
Q9UBS4;H7C2Y5	DnaJ homolog subfamily B member 11	DNAJB11	0.000806897	0.000206871	0.000156609	0.001526777	0	0.001511016	0.000540211	0.001074373	0.000521068	0.000390126	0.001012598	0.000711884	2.595567109	0.319221453	1.824755024	0.309407565
Q9UBT2;Q9UBT2-2;K7EPL2;K7ESK7;U3KQ93;U3KQ55;K7ES38	SUMO-activating enzyme subunit 2	UBA2	0.001833589	0.000886545	0	0.002555265	7.99622E-05	0.000103214	0.000511282	0.000161116	0.002688107	0.000906711	0.000912814	0.001120168	1.00673022	0.995316009	1.235418619	0.833465456
Q9UBV8	Peflin	PEF1	0	0	0.000391587	0.005370713	0.001908282	0.001987776	0.001723464	0.000241048	0.002848008	0.000130529	0.003088924	0.001604173	23.66463587	0.06160474	12.2897708	0.126759655
Q9UG63;Q9UG63-2;C9JHK9;C9JZV3	ATP-binding cassette sub-family F member 2	ABCF2	0.000712337	0.001122796	0	0	0.001649389	0	8.21929E-05	0	0	0.000611711	0.000549796	2.73976E-05	0.898784467	0.927608062	0.044788499	0.150518194
Q9UGI8-2;Q9UGI8;F8W7T0	Testin	TES	0.000161399	0	0	0.000144066	0	0	0.000149123	0	0	5.37996E-05	4.8022E-05	4.97077E-05	0.89261016	0.939993246	0.923941968	0.958129508
Q9UHB6-4;Q9UHB6;Q9UHB6-5;F8VQE1;Q9UHB6-2;F8VRN8;F8VS07;Q9UHB6-3;F8VTU2;F8VVQ7;J3QQM5;Q9BT23	LIM domain and actin-binding protein 1	LIMA1	0.004433927	6.58125E-05	0.000465031	0.000923921	0.002435468	0.001323531	0.001005586	0.000492414	0.000907377	0.001654923	0.001560973	0.000801792	0.943229911	0.951969106	0.484488832	0.576001057
Q9UHB9;Q9UHB9-4;Q9UHB9-2;Q9UHB9-3	Signal recognition particle subunit SRP68	SRP68	0.003044096	0.001102611	0	0.000178891	0.00188111	2.71424E-05	0.000207911	0.00029024	0	0.001382235	0.000695714	0.00016605	0.503325507	0.556057582	0.120131597	0.245317038
Q9UHD1;Q9UHD1-2;E9PPQ5;E9PIZ4;E9PSD5;E9PHZ2;E9PL00;E9PIF7	Cysteine and histidine-rich domain-containing protein 1	CHORDC1	0.000374009	0.000196659	0	0.000705407	0	0	0.000383809	0.000101361	0	0.000190222	0.000235136	0.000161723	1.23610888	0.870631753	0.850179117	0.865334427
Q9UHD8-3;Q9UHD8-7;Q9UHD8-2;Q9UHD8-5;Q9UHD8;K7EK18;K7EL40;Q9UHD8-4;Q9UHD8-9;Q9UHD8-8;K7ER52;K7EIE4;K7ER14;K7EQD7;K7EIR4;K7EKN4;K7EN52;K7ENQ5;K7EJZ2;K7ELJ9	Septin-9	40057	0.000145932	2.56661E-05	0	0	3.47753E-05	0.000101405	0	1.96384E-05	2.14436E-05	5.71995E-05	4.53936E-05	1.3694E-05	0.7936008	0.837433085	0.2394079	0.393153906
Q9UHD9	Ubiquilin-2	UBQLN2	0.000134753	0	0	0.000892641	0.000848281	0.001263188	0.000649798	0.000562198	0.001109737	4.49178E-05	0.00100137	0.000773911	22.29336975	0.002337004	17.22947919	0.014256502
Q9UHJ6	Sedoheptulokinase	SHPK	2.48322E-05	0	0	3.9341E-05	0	7.43817E-05	1.8617E-05	0	0	8.27741E-06	3.79076E-05	6.20565E-06	4.579642647	0.267536599	0.749709685	0.851046698
Q9UHV9	Prefoldin subunit 2	PFDN2	0.001451439	0.000610821	0	0.002524589	0	0.000547572	0.002278211	0.001436707	7.92259E-05	0.00068742	0.001024054	0.001264715	1.489705666	0.719899019	1.83979851	0.493208715
Q9UHX1-6;Q9UHX1-5	Poly(U)-binding-splicing factor PUF60	PUF60	0.016502261	0.006351395	0.009408797	0.024941372	0.013413518	0.028151284	0.019623966	0.017778883	0.015575671	0.010754151	0.022168725	0.017659507	2.061411002	0.101639275	1.642110736	0.099044398
Q9UI14;M0R1H9;M0R3D4;M0QXU8;M0QXH1	Prenylated Rab acceptor protein 1	RABAC1	0	0	0	0.000511254	0.000224166	0.000385439	0.000809976	0.000596203	0	0	0.00037362	0.000468727	#DIV/0!	0.010849068	#DIV/0!	0.125227185
Q9UII2	ATPase inhibitor, mitochondrial	ATPIF1	0.001181808	0.00070215	0.000421497	0	0	0.002297514	0.001118778	0	0	0.000768485	0.000765838	0.000372926	0.996555581	0.997510237	0.485274193	0.413619096
Q9UJP4-2;Q9UJP4	Kelch-like protein 21	KLHL21	0	0	0	4.55971E-05	0	0	2.48432E-05	0	0	0	1.5199E-05	8.28108E-06	#DIV/0!	0.373900966	#DIV/0!	0.373900966
Q9UJW0;Q9UJW0-3;Q9UJW0-2;E5RI97;E5RGG1;H9KVE0	Dynactin subunit 4	DCTN4	0.000133349	0	0	0.000113364	6.4739E-05	0	4.80535E-05	3.9459E-05	0	4.44495E-05	5.93675E-05	2.91708E-05	1.335615687	0.800554638	0.656268527	0.760668399
Q9UK45;K7ENY5;A0A087X2I5;K7EML7	U6 snRNA-associated Sm-like protein LSm7	LSM7	0	0.000469642	0	0.000660715	0.000208209	0.000159795	0.000180568	0.000235597	0	0.000156547	0.000342906	0.000138722	2.190428183	0.451284075	0.886131558	0.922426814
Q9UKB1-2;Q9UKB1-3;Q9UKB1	F-box/WD repeat-containing protein 11	FBXW11	0.000351539	3.42525E-05	0	0	0	0	0	0	0	0.000128597	0	0	0	0.314542662	0	0.314542662
Q9UKD2	mRNA turnover protein 4 homolog	MRTO4	0.000990303	0.001430011	0	0.000115359	0.001386325	0	0	0	0	0.000806771	0.000500561	0	0.620449656	0.643769932	0	0.129075963
Q9UKF6;G5E9W3;C9JZH6	Cleavage and polyadenylation specificity factor subunit 3	CPSF3	0.01114228	0.00330605	0.016515539	0.022387675	0.006826191	0.027384536	0.017945246	0.020965708	0.016787647	0.01032129	0.018866134	0.0185662	1.82788533	0.305740238	1.798825619	0.110358614
Q9UKV8-2;Q9UKV8;Q9H9G7-2;Q9H9G7;Q5TA58;Q9UL18	Protein argonaute-2;Protein argonaute-3	AGO2;AGO3	2.75947E-05	1.06001E-05	0	2.44801E-05	0	1.87312E-05	4.17707E-05	1.14081E-05	0	1.27316E-05	1.44038E-05	1.77263E-05	1.131340728	0.885694346	1.392306311	0.753221969
Q9UKX7-2;Q9UKX7;B0QY21	Nuclear pore complex protein Nup50	NUP50	0	0	0	0.000115271	1.89748E-05	0.000112776	5.39501E-05	2.7465E-05	6.97809E-05	0	8.23407E-05	5.03987E-05	#DIV/0!	0.060160397	#DIV/0!	0.015062947
Q9UKY7-2;Q9UKY7;H0Y8K3;D6RFH2;D6RDN0;D6R9V8;Q9UKY7-3	Protein CDV3 homolog	CDV3	0.000321015	0	0	0.00079824	0	0	0.000379096	0.000143388	0	0.000107005	0.00026608	0.000174161	2.486617497	0.608669157	1.627602929	0.68495469
Q9UL25	Ras-related protein Rab-21	RAB21	6.86474E-05	0	0	0.000215928	0	0	3.37164E-05	0	9.70537E-05	2.28825E-05	7.1976E-05	4.359E-05	3.145465978	0.551121533	1.904954634	0.60090394
Q9UL42	Paraneoplastic antigen Ma2	PNMA2	0	0	0	0.000211512	0.000142884	4.45331E-05	0.000188049	0.000178733	0	0	0.000132977	0.000122261	#DIV/0!	0.051679762	#DIV/0!	0.11637305
Q9UL63;F8WEY7;C9J7E8;Q9UL63-2	Muskelin	MKLN1	2.13531E-05	0	0	3.86604E-05	2.94894E-05	3.11827E-05	3.49655E-05	0	0	7.11771E-06	3.31108E-05	1.16552E-05	4.651888988	0.02738971	1.637489317	0.756380334
Q9ULC4-2;Q9ULC4;Q9ULC4-3	Malignant T-cell-amplified sequence 1	MCTS1	0.000616273	0.000232657	0	0.000315736	0	0	0.000159026	0	0	0.000282977	0.000105245	5.30085E-05	0.371922032	0.441458266	0.187324648	0.286894827
Q9ULE4	Protein FAM184B	FAM184B	0	0	0	0	0	0	0	1.7885E-05	0	0	0	5.96166E-06	#DIV/0!	#DIV/0!	#DIV/0!	0.373900966
Q9ULE6	Paladin	PALD1	9.10801E-06	0	0	0	8.43681E-05	0	0	0	0	3.036E-06	2.81227E-05	0	9.263059652	0.425243866	0	0.373900966
Q9ULJ8;Q9ULJ8-4;Q9ULJ8-5;Q9ULJ8-3	Neurabin-1	PPP1R9A	1.90864E-05	0	2.11762E-05	7.98016E-05	5.19015E-05	6.73907E-05	1.04437E-05	2.98876E-05	5.15978E-05	1.34209E-05	6.63646E-05	3.0643E-05	4.944875405	0.007302743	2.283233021	0.276006224
Q9ULR0;Q9ULR0-2;Q9ULR0-1;D6RC18;A8MVI5	Pre-mRNA-splicing factor ISY1 homolog	ISY1	0	0.000111468	0	0.000139572	8.32309E-05	0	5.868E-05	7.22559E-05	0	3.7156E-05	7.42677E-05	4.36453E-05	1.998808426	0.536757752	1.174650352	0.888040542
Q9ULX3;H3BUR4	RNA-binding protein NOB1	NOB1	0.000377403	0.000343902	0	6.76008E-05	0.00032038	0	0	0	0	0.000240435	0.000129327	0	0.537887929	0.513332219	0	0.11697379
Q9UM54-6	Unconventional myosin-VI	MYO6	0.000360325	4.4444E-05	0.002214257	0.001303561	0.003634102	0.002256969	0.00113726	0.003674708	0.004088541	0.000873009	0.002398211	0.002966836	2.747063466	0.18618259	3.398403444	0.141232199
Q9UMS4;F5GY56;H0YGF3;F5H2I0;H0YGZ5	Pre-mRNA-processing factor 19	PRPF19	0.001999359	0.001256907	0.000149899	0.001393215	0.002773763	0.000486754	0.001649819	0.00063261	0.001192779	0.001135388	0.001551244	0.001158402	1.366267533	0.652103604	1.02026979	0.971831498
Q9UMX0-2;Q9UMX0;H0YDS0	Ubiquilin-1	UBQLN1	0.0016365	0.000442164	0	0.0034162	0.001262035	0.001097352	0.003145365	0.003202976	0.000658115	0.000692888	0.001925196	0.002335485	2.77850931	0.239583314	3.370653731	0.165921768
Q9UN86-2;Q9UN86;D6RGJ4;D6RAC7;D6RB17;D6RBM9;D6REX8;D6RBR0;D6RE13;D6RBW8;E5RH00;D6R9X5;D6R9A4	Ras GTPase-activating protein-binding protein 2	G3BP2	0.000722261	0.000492748	0.000158742	0.000492088	0.001022886	0.000548735	0.000713222	0.000428327	0.00100842	0.000457917	0.000687903	0.000716656	1.502243495	0.382622116	1.565035472	0.331088431
Q9UNE7;Q9UNE7-2;H3BS86;H3BTA3;H3BUD0;Q07617	E3 ubiquitin-protein ligase CHIP	STUB1	0.003121643	0.00444126	0.002345989	0.004918862	0.00368696	0.006033571	0.003349775	0.00410853	0.005179935	0.003302964	0.004879798	0.004212747	1.477399778	0.159177173	1.275444463	0.324147444
Q9UNF0-2;Q9UNF0;B0QYG7;B0QYG8	Protein kinase C and casein kinase substrate in neurons protein 2	PACSIN2	0	0	0	0.000285754	0	2.76813E-05	0.000146639	0	0.000141676	0	0.000104479	9.6105E-05	#DIV/0!	0.314865482	#DIV/0!	0.116234355
Q9UNM6;J3KNQ3;Q9UNM6-2;A0A087WUL9;E9PL38;H0YD73;E9PQG3;E9PPD2;F8W8J6	26S proteasome non-ATPase regulatory subunit 13	PSMD13	0.234423954	0.163924845	0.187492413	0.425608766	0.34578111	0.373214001	0.338157256	0.365653827	0.357922406	0.195280404	0.381534626	0.353911163	1.953778353	0.0039869	1.81232298	0.002056608
Q9UNQ2;D6RCL3	Probable dimethyladenosine transferase	DIMT1	0.000293239	0.000718667	0	0.000168074	0.000822394	0	4.36842E-05	6.08496E-05	0	0.000337302	0.000330156	3.48446E-05	0.978814359	0.98357532	0.103303842	0.222151365
Q9UNS2;H7C3P9;Q9UNS2-2;J3QL22;J3QS85;J3KTQ1;J3QKR0;C9JLV5	COP9 signalosome complex subunit 3	COPS3	1.48675E-05	0	0	4.89244E-05	6.33989E-05	7.60291E-05	0.000163707	0	0	4.95585E-06	6.27841E-05	5.45691E-05	12.66869942	0.003360649	11.0110438	0.416431628
Q9UNX3;E5RIT6;E5RHH1	60S ribosomal protein L26-like 1	RPL26L1	0.074614827	0.074361413	0.001054981	0.020697824	0.130492225	0.004656748	0.022953584	0.0259531	0.006522741	0.050010407	0.051948932	0.018476475	1.038762441	0.968749246	0.369452605	0.279190057
Q9UNZ2;Q9UNZ2-5;Q9UNZ2-6;F2Z2K0;Q9UNZ2-4;R4GNE6	NSFL1 cofactor p47	NSFL1C	0.000164743	0	0	0.000497014	8.14566E-05	0.000150259	0.000180043	9.50574E-05	0.000159873	5.49145E-05	0.00024291	0.000144991	4.423421083	0.249981341	2.640308857	0.211390746
Q9UPN7	Serine/threonine-protein phosphatase 6 regulatory subunit 1	PPP6R1	3.2675E-05	1.70439E-05	0	0	0	0	6.62857E-05	6.09505E-05	0	1.6573E-05	0	4.24121E-05	0	0.153850162	2.559114385	0.328918774
Q9UPY3-2;Q9UPY3;H0YJZ6;Q9UPY3-3	Endoribonuclease Dicer	DICER1	1.27815E-05	1.1838E-05	0	2.87882E-05	0	0	5.67835E-05	0	0	8.20651E-06	9.59605E-06	1.89278E-05	1.169321923	0.900543962	2.30644182	0.609389759
Q9UQ35;Q9UQ35-2;I3L4D8;I3L182;I3L3Q8;I3L1I8;Q9UQ35-3;I3L4U6;I3L1C0;A0A087X1W1	Serine/arginine repetitive matrix protein 2	SRRM2	0.000365373	0.000678895	0.000104249	0.000395	0.000432298	0.000360205	0.000287367	0.000403159	0.000146021	0.000382839	0.000395834	0.000278849	1.033945251	0.941854254	0.728371885	0.598311912
Q9UQ80;F8VR77;F8W0A3;H0YIN7;F8VZ69	Proliferation-associated protein 2G4	PA2G4	0.041630498	0.032377665	0.005522857	0.053507853	0.059013081	0.016144437	0.041895614	0.035132018	0.019918358	0.02651034	0.042888457	0.03231533	1.617801096	0.396890605	1.218970794	0.669631619
Q9UQE7	Structural maintenance of chromosomes protein 3	SMC3	0	0	0	2.16488E-05	0	1.25291E-05	3.95506E-05	1.57345E-05	0	0	1.13926E-05	1.84284E-05	#DIV/0!	0.14362829	#DIV/0!	0.184205507
Q9Y224;G3V4C6;H0YJB9;G3V4E7	UPF0568 protein C14orf166	C14orf166	0.000588519	0.000429301	0	0	0.000292094	0	0.000119469	8.24914E-05	0.000127551	0.000339274	9.73646E-05	0.000109837	0.28697969	0.294962468	0.323742666	0.2630171
Q9Y230;Q9Y230-2;M0R0Y3;X6R2L4;M0R0Z0;M0QXI6;M0QXZ7	RuvB-like 2	RUVBL2	0.003459112	0.002769816	0.001486707	0.009817349	0.003649531	0.006487923	0.008532147	0.005652482	0.005277289	0.002571879	0.006651601	0.006487306	2.586281056	0.09502781	2.522399808	0.029385463
Q9Y244	Proteasome maturation protein	POMP	0.032105749	0.03882265	0.019565696	0.045126889	0.058450208	0.045278488	0.03421319	0.054746011	0.039799141	0.030164699	0.049618528	0.042919447	1.644920403	0.053267459	1.422836936	0.200537737
Q9Y265;Q9Y265-2;E7ETR0;H7C4G5;J3QLR1;H7C4I3	RuvB-like 1	RUVBL1	0.005619258	0.002093722	0.001483478	0.006500565	0.002829365	0.008654757	0.005448957	0.004696681	0.006548702	0.003065486	0.005994896	0.00556478	1.955610214	0.241742106	1.815301104	0.148040178
Q9Y266	Nuclear migration protein nudC	NUDC	0.002648198	0.001731341	0	0.002299335	0.000796479	4.14163E-05	0.001441178	0.001485047	0.000186015	0.001459846	0.001045744	0.001037413	0.716338154	0.705907679	0.710631923	0.65823875
Q9Y277;Q9Y277-2	Voltage-dependent anion-selective channel protein 3	VDAC3	0.000185617	4.08232E-05	0	9.43558E-05	0	0	0	0	0	7.54799E-05	3.14519E-05	0	0.416692661	0.532356693	0	0.251209084
Q9Y281;Q9Y281-3;F8WDN3;G3V2U0	Cofilin-2	CFL2	0.000155569	5.62948E-05	0.000115996	0.000267886	0	0	0.000472727	0.000153074	0.000157574	0.000109287	8.92954E-05	0.000261125	0.817076457	0.841719942	2.389362601	0.238437952
Q9Y285-2;Q9Y285;K7ER00;K7EK06;K7ER16;K7EPH2	Phenylalanine--tRNA ligase alpha subunit	FARSA	0.000334977	0.000135087	0	0.000277179	0.000184345	0.000128341	7.33521E-05	4.84832E-05	0	0.000156688	0.000196622	4.06118E-05	1.25486001	0.726823807	0.259188466	0.308841182
Q9Y294;K7ES22	Histone chaperone ASF1A	ASF1A	6.477E-05	0	0	0.00094582	0	0.001072355	0.000114549	0	0	2.159E-05	0.000672725	3.81831E-05	31.15909573	0.127184746	1.768554891	0.724440146
Q9Y295	Developmentally-regulated GTP-binding protein 1	DRG1	0.000134126	0.00014435	0	0.000110244	0.000171331	0	9.98516E-05	0.000168255	0	9.28255E-05	9.38583E-05	8.9369E-05	1.011126463	0.988672855	0.962763787	0.961587242
Q9Y2I1;C9J715;Q9Y2I1-4;Q9Y2I1-3;Q9Y2I1-2	Nischarin	NISCH	6.92853E-06	0	0	1.85628E-05	0	0	0	0	0	2.30951E-06	6.18761E-06	0	2.679186677	0.588624156	0	0.373900966
Q9Y2J2-2;Q9Y2J2-4;Q9Y2J2;Q9Y2J2-3;J3KT37;J3QS83;J3QS55;J3QRQ6;J3KS70;J3QLU5;J3QKY2;J3KRD1;J3QKK4;J3QR33	Band 4.1-like protein 3;Band 4.1-like protein 3, N-terminally processed	EPB41L3	0.000193507	0.000139512	1.90983E-05	0.000565239	0.000230838	0.000215005	0.000866814	0.00076971	5.61034E-05	0.000117372	0.000337027	0.000564209	2.871438429	0.154451437	4.807002252	0.161735201
Q9Y2L1;F2Z2C0;G3V1J5;Q9Y2L1-2	Exosome complex exonuclease RRP44	DIS3	0.000159828	5.18803E-05	0	0.00020179	3.38667E-05	6.03215E-05	0.000131757	6.35974E-05	3.36436E-05	7.05696E-05	9.86595E-05	7.63326E-05	1.398044723	0.709649482	1.08166381	0.922025693
Q9Y2P8	RNA 3-terminal phosphate cyclase-like protein	RCL1	0	0	0	0	8.84368E-05	0	0	0	0	0	2.94789E-05	0	#DIV/0!	0.373900966	#DIV/0!	#DIV/0!
Q9Y2S0;A0A087X0U2;Q9Y2S0-2	DNA-directed RNA polymerases I and III subunit RPAC2	POLR1D	0.000235992	0.00016942	0	0.001367062	0	0.000375991	0.001056802	0.000629559	0	0.000135138	0.000581018	0.00056212	4.299456508	0.341832469	4.159616603	0.246575004
Q9Y2W1	Thyroid hormone receptor-associated protein 3	THRAP3	6.69503E-06	7.20014E-06	2.02447E-05	0	0	2.97987E-05	0	0	2.98663E-05	1.138E-05	9.93291E-06	9.95542E-06	0.872841071	0.900595653	0.874819418	0.902314448
Q9Y2X3;H7BZ72	Nucleolar protein 58	NOP58	4.92477E-05	8.91067E-05	0	0	0.000171262	0.00087687	0.000226739	0	0	4.61181E-05	0.000349377	7.55798E-05	7.575702801	0.323543948	1.63883001	0.730863656
Q9Y2Z0-2;Q9Y2Z0	Suppressor of G2 allele of SKP1 homolog	SUGT1	0.000195588	0	0.000114162	0	0	0	9.63227E-05	0	0	0.00010325	0	3.21076E-05	0	0.142842976	0.310968784	0.336405726
Q9Y333	U6 snRNA-associated Sm-like protein LSm2	LSM2	0	0	0.001576555	0	0	0	0	3.98538E-05	0.001191276	0.000525518	0	0.000410376	0	0.373900966	0.780898491	0.868959073
Q9Y383;Q96HJ9-2;Q9Y383-3;Q9Y383-2;B8ZZ10;A8MYV2;Q9NQ29-2;Q9NQ29-3;Q9NQ29;V9GZ75;F8WEU3;B8ZZ09	Putative RNA-binding protein Luc7-like 2	LUC7L2	0.000178431	0.000214913	0.000184327	0.000217267	0.00029678	0.000463111	0.000354198	0.000370611	0.000652957	0.000192557	0.000325719	0.000459255	1.691547531	0.143456513	2.385036857	0.052340286
Q9Y3A4	Ribosomal RNA-processing protein 7 homolog A	RRP7A	4.52071E-05	0	0	0	0.000153027	0	0	0	0	1.5069E-05	5.1009E-05	0	3.38502364	0.536274231	0	0.373900966
Q9Y3B4	Splicing factor 3B subunit 6	SF3B6	0.001517623	0.000507108	0.000748786	0.000953768	0.004416695	0.000870769	0.000427899	0.001188594	0.000831714	0.000924506	0.002080411	0.000816069	2.250295046	0.392623044	0.882708048	0.787167332
Q9Y3B7-2;Q9Y3B7;H0YCD5;Q9Y3B7-3	39S ribosomal protein L11, mitochondrial	MRPL11	0.000205315	0	0	0	0	0	0	0	0	6.84383E-05	0	0	0	0.373900966	0	0.373900966
Q9Y3B9	RRP15-like protein	RRP15	5.833E-05	0.000152634	0	0	0.000236569	0	0	0	0	7.03214E-05	7.88565E-05	0	1.121373183	0.929421167	0	0.188945099
Q9Y3C1;D6RIC3;A0A087X2G6;Q6PIM0;Q9Y3C1-2;A0A087X1T1;D6RC60;A0A087WU10	Nucleolar protein 16	NOP16	0.00014196	0.0002488	0	0	0.00087131	0	0	0	0	0.000130253	0.000290437	0	2.22978203	0.620820431	0	0.144958394
Q9Y3C6	Peptidyl-prolyl cis-trans isomerase-like 1	PPIL1	0.003039585	0.002801412	0.000879386	0.003989858	0.001057458	0.002298369	0.002629172	0.001759023	0.001647065	0.002240128	0.002448562	0.002011753	1.09304555	0.857767585	0.898052964	0.776214967
Q9Y3F4;Q9Y3F4-2;H0YH33	Serine-threonine kinase receptor-associated protein	STRAP	0.003901624	0.002356672	0.000918135	0.00657871	0.003305235	0.003854392	0.00626234	0.004812876	0.003599378	0.002392144	0.004579446	0.004891531	1.914368984	0.175167659	2.044831602	0.09650718
Q9Y3I0	tRNA-splicing ligase RtcB homolog	RTCB	0.000222437	0.000340833	0	0	0.000270925	0	0	0	0	0.000187757	9.03082E-05	0	0.480985575	0.5093677	0	0.133384658
Q9Y3I1;Q9Y3I1-3;Q9Y3I1-2;F8WBR0;F8WDR9	F-box only protein 7	FBXO7	7.58006E-05	0.000184575	0.000570811	0.000477668	0	0.000172136	2.84698E-05	0.000108599	0	0.000277062	0.000216601	4.56897E-05	0.781778736	0.782823732	0.164907705	0.206622118
Q9Y3T9	Nucleolar complex protein 2 homolog	NOC2L	0	0	0	0	0.000101683	0	0	0	0	0	3.38943E-05	0	#DIV/0!	0.373900966	#DIV/0!	#DIV/0!
Q9Y3U8;J3QSB5;J3KTD3	60S ribosomal protein L36	RPL36	0.09753523	0.061709536	0	0.009290488	0.110574525	0.002133316	0.012545404	0.013463311	0.00144286	0.053081588	0.040666109	0.009150525	0.766105737	0.796896031	0.172386041	0.201165181
X6R700;Q9Y3Y2-4;Q9Y3Y2;Q9Y3Y2-3;A0A087X1B7	Chromatin target of PRMT1 protein	CHTOP	0.000324924	0.000330994	0	0	0.000718706	0	0	0	0	0.000218639	0.000239569	0	1.095724435	0.940471096	0	0.116150588
Q9Y450-4;Q9Y450;B7Z524;H0YDX7;J3QT46;H0YES5;E9PHZ9;E9PSS3;E9PJ90;E9PN23;G5E991;E9PMN1;E9PLR4;Q9Y450-2	HBS1-like protein	HBS1L	0.000121719	0.000126769	0	8.64451E-06	0.000100686	4.36999E-05	3.12549E-05	4.09081E-05	0	8.28292E-05	5.101E-05	2.40543E-05	0.615845978	0.554288057	0.290408948	0.245647294
Q9Y490;H0YMT1;Q9Y4G6	Talin-1	TLN1	9.38877E-05	4.69358E-05	0	9.78197E-05	1.08123E-05	9.36026E-06	8.35925E-05	3.56345E-05	0	4.69412E-05	3.93308E-05	3.97423E-05	0.837873372	0.857932313	0.846641126	0.85265736
Q9Y4C2-2;Q9Y4C2	TRPM8 channel-associated factor 1	TCAF1	0	0	2.97992E-05	0.000167169	0.000145747	5.18872E-05	0.000130695	8.54792E-05	0	9.93307E-06	0.000121601	7.2058E-05	12.24205425	0.038512777	7.254360925	0.19165388
Q9Y4E8-2;Q9Y4E8-3;Q9Y4E8;Q9Y4E8-4;F8W0H4;H0YI31;F8VZG8;F8VVY7;H0YHM4;H0YI26;H7C189;Q13107-	Ubiquitin carboxyl-terminal hydrolase 15	USP15	0.000145973	1.81834E-05	2.31162E-05	0.000344934	9.24254E-05	9.76761E-05	0.00028193	0.000180155	0.000262361	6.24243E-05	0.000178345	0.000241482	2.856984565	0.281517361	3.868405223	0.026445132
Q9Y4L5	E3 ubiquitin-protein ligase RNF115	RNF115	0	0	0	0.000253601	0.000225441	0.000133758	0.000146559	0.000147379	0.000170087	0	0.000204267	0.000154675	#DIV/0!	0.004846435	#DIV/0!	3.64263E-05
Q9Y4W2-2;Q9Y4W2;Q9Y4W2-3;Q9Y4W2-4	Ribosomal biogenesis protein LAS1L	LAS1L	0.000132502	0.000131682	0	4.97171E-05	0.000211012	0	3.56327E-05	1.97401E-05	0	8.80614E-05	8.69096E-05	1.84576E-05	0.986919936	0.988843203	0.209599062	0.198595008
V9GZ56;Q9Y4Z0;U3KQS7;U3KQK1;M0QXB0	U6 snRNA-associated Sm-like protein LSm4	LSM4	0.001001387	0.001997736	3.96655E-05	0.000524667	0.000702591	0.000960785	0.00294862	0.00034412	0	0.00101293	0.000729348	0.00109758	0.72003785	0.650091065	1.083569798	0.941775895
Q9Y5B6-3;Q9Y5B6-4;Q9Y5B6-	PAX3- and PAX7-binding protein 1	PAXBP1	0	0	0.00015565	0	8.90939E-05	0.00016768	3.1959E-05	5.43108E-05	0.000102813	5.18832E-05	8.55915E-05	6.30276E-05	1.649693645	0.659622488	1.214797326	0.851806117
Q9Y5B8-2;Q9Y5B8;E9PNU1;B4DXC8	Nucleoside diphosphate kinase 7	NME7	3.12551E-05	5.83478E-05	0	8.77773E-05	0.000336724	0.000479728	9.57407E-05	0.000257422	0	2.98676E-05	0.00030141	0.000117721	10.09151674	0.07886483	3.941426692	0.317494434
Q9Y5B9;G3V5A4;G3V401;G3V2X0	FACT complex subunit SPT16	SUPT16H	0.000258032	0.000223493	0	0	6.11674E-05	0	0	0	0	0.000160508	2.03891E-05	0	0.127028613	0.168245016	0	0.118158913
Q9Y5J9;E9PIR3;G3XAN8	Mitochondrial import inner membrane translocase subunit Tim8 B	TIMM8B	0.000709824	0.000460778	0.000443181	0	0.001312122	0.000739069	0.000373986	0	0.000722335	0.000537928	0.000683731	0.00036544	1.271045801	0.727104346	0.679348613	0.487207495
Q9Y5L4;K7EIT2	Mitochondrial import inner membrane translocase subunit Tim13	TIMM13	0.004619525	0.002700335	0	0.005513344	0.002756363	0.002651334	0.00324246	0.004232576	0.001391177	0.002439953	0.003640347	0.002955404	1.49197412	0.503551338	1.21125445	0.760246595
Q9Y5M8;H7C4H2	Signal recognition particle receptor subunit beta	SRPRB	0.000477827	7.86037E-05	0	0.000537183	0.00011548	0	0.000185275	7.40617E-05	7.49833E-05	0.000185477	0.000217555	0.00011144	1.172946902	0.891275068	0.600830123	0.652647243
Q9Y5P6;Q9Y5P6-2	Mannose-1-phosphate guanyltransferase beta	GMPPB	9.10608E-05	0	0	0	0	0	4.35962E-05	7.91536E-05	4.23987E-05	3.03536E-05	0	5.50495E-05	0	0.373900966	1.813606354	0.491654919
Q9Y5Q9;H7C0C0;Q9Y5Q9-2	General transcription factor 3C polypeptide 3	GTF3C3	0	0	0	0	0	0	2.31889E-05	0	0	0	0	7.72965E-06	#DIV/0!	#DIV/0!	#DIV/0!	0.373900966
Q9Y5S9;Q9Y5S9-2	RNA-binding protein 8A	RBM8A	0.00376973	0.003137288	0.000902862	0.004762797	0.002691475	0.001377868	0.0023897	0.004265999	0.002298485	0.002603293	0.002944047	0.002984728	1.13089319	0.80820335	1.146519996	0.741875517
Q9Y5T5-2;Q9Y5T5;Q9Y5T5-3;Q9Y5T5-5;Q9Y5T5-4;H9KVB6	Ubiquitin carboxyl-terminal hydrolase 16	USP16	8.19292E-05	7.93464E-05	0	1.93871E-05	0.00026789	0	0	2.92617E-05	0	5.37585E-05	9.57591E-05	9.75391E-06	1.781283017	0.66617816	0.18143932	0.198775753
Q9Y5V3;Q9Y5V3-2	Melanoma-associated antigen D1	MAGED1	0	0	0	3.43792E-05	3.11923E-05	1.96423E-05	1.43593E-05	2.77723E-05	1.44409E-05	0	2.84046E-05	1.88575E-05	#DIV/0!	0.003160313	#DIV/0!	0.013364276
Q9Y5Z4;Q5THN1;Q9Y5Z4-2	Heme-binding protein 2	HEBP2	0.00052109	0	0	0.000521017	0.000101631	0.000145991	0.000472529	0.00028609	0	0.000173697	0.000256213	0.000252873	1.475059873	0.725207744	1.455829704	0.738791789
Q9Y608-4;Q9Y608;Q9Y608-2;Q9Y608-5;C9JSU1;Q9Y608-3;H7C3N9;C9JJC9;C9JC17;C9J321;C9J0U5	Leucine-rich repeat flightless-interacting protein 2	LRRFIP2	0.001993302	0.000919953	0.002052569	0.003107428	0.00302037	0.002554007	0.003060478	0.004863571	0.00223488	0.001655275	0.002893935	0.003386309	1.748311129	0.038047028	2.045769095	0.114116896
Q9Y617;Q9Y617-2	Phosphoserine aminotransferase	PSAT1	0.002202893	0.000553259	3.46828E-05	0.002492122	0.000494185	0.000616152	0.002147076	0.000969776	0.000238576	0.000930279	0.00120082	0.001118476	1.290817394	0.783211989	1.202302037	0.837141093
Q9Y657	Spindlin-1	SPIN1	7.23872E-05	0.000163805	0	0	0	1.82977E-05	0	0	0	7.87308E-05	6.09925E-06	0	0.077469683	0.203140879	0	0.172000887
Q9Y676	28S ribosomal protein S18b, mitochondrial	MRPS18B	0.000155668	0.000187914	0	6.38256E-05	0.000471242	0	0.00012772	0	0	0.000114527	0.000178356	4.25732E-05	1.55732353	0.707914728	0.371730219	0.373937283
Q9Y678	Coatomer subunit gamma-1	COPG1	4.97998E-05	0	0	5.9128E-05	0	0	0	0	0	1.65999E-05	1.97093E-05	0	1.187314414	0.909773274	0	0.373900966
Q9Y696	Chloride intracellular channel protein 4	CLIC4	0.000478149	0.000279812	0	7.72244E-05	0	0	0.000567466	0.000660716	0	0.000252654	2.57415E-05	0.000409394	0.101884439	0.182993064	1.620376286	0.562780684
Q9Y6A4	Cilia- and flagella-associated protein 20	CFAP20	0	0.000122411	5.18605E-05	0	3.52667E-05	0.000482458	0.000145952	0	0.000201749	5.80906E-05	0.000172575	0.0001159	2.970788387	0.512027761	1.995164539	0.454274351
Q9Y6U3;Q9Y6U3-2;Q9Y6U3-3;E5RHN8;E5RHX6;F8WBX5;C9JGB6	Adseverin	SCIN	0.000300607	0	0	3.77334E-05	0.000118672	8.73025E-05	0.000147431	8.70292E-05	8.66966E-05	0.000100202	8.12359E-05	0.000107052	0.810717555	0.862775799	1.06835969	0.949787256
Q9Y6V7;M0R1S3;M0QZC0;M0R0K1	Probable ATP-dependent RNA helicase DDX49	DDX49	0	0.000129789	0	0	0.000152673	0	0	0.002843625	0	4.32631E-05	5.08909E-05	0.000947875	1.176314087	0.914583139	21.90957041	0.394392
Q9Y6Y8-2;Q9Y6Y8;H7C4C4;H7C0V8	SEC23-interacting protein	SEC23IP	3.56888E-05	0	0	0	0	0	2.4517E-05	0	0	1.18963E-05	0	8.17235E-06	0	0.373900966	0.686967192	0.809125551
R4GNH3;E9PN50		PSMC3	0.281124006	0.291626598	0.188263143	0.509799052	0.414011592	0.3377252	0.416117111	0.388623554	0.362328972	0.253671249	0.420511948	0.389023212	1.657704411	0.048934667	1.533572347	0.020374746
S4R3H4;E7EQT4;Q9UKV3-5;Q9UKV3;G3V3B0;Q9UKV3-3;Q9UKV3-2;G3V3T3;A0A087WYN3	Apoptotic chromatin condensation inducer in the nucleus	ACIN1	8.03481E-05	0.000119286	1.05845E-05	1.50282E-05	1.75705E-05	0	9.96132E-06	8.80409E-05	2.44127E-05	7.00729E-05	1.08662E-05	4.0805E-05	0.155070296	0.140421816	0.582321679	0.503184261
X6RAL5;O00422;U3KQ12;U3KPY7;H7BZW6	Histone deacetylase complex subunit SAP18	SAP18	3.646E-05	0	0	0.000272185	5.56444E-05	0	0	0.000224875	0	1.21533E-05	0.000109277	7.49582E-05	8.991497171	0.311479607	6.167708155	0.454684278

Table S3. DAPs (MG132 6 h / DMSO)

Protein IDs	Protein names	Gene names	DMSO #1	DMSO #2	DMSO #3	MG132 6 h #1	MG132 6 h #2	MG132 6 h #3	Fold-change	p-value
>1.5x fold increased DAPs										
O95071-2;O95071;E7EMW7;E7ET84;E5RFK7	E3 ubiquitin-protein ligase UBR5	UBR5	2.32211E-06	0	0	0.000348606	0.000269642	0.000218226	360.2210376	0.001842018
Q9NR09	Baculoviral IAP repeat-containing protein 6	BIRC6	2.71608E-06	0	0	0.000266677	0.000227721	0.000289987	288.7933071	0.000137873
Q5VYK3;J3KN16;R4GMV1;F6XAQ5	Proteasome-associated protein ECM29 homolog	ECM29;KIAA0368	4.42319E-05	1.31092E-05	0	0.005804652	0.00557587	0.004276223	273.0459417	0.000399224
P46379-2;P46379;P46379-3;P46379-5;P46379-4;X6REW1;F6S6P2;F6UR09;F6U1F2;F6XTU0;H0Y710;F6RG75;F6WML8;F6VEM6;F6X9W3;F6U341;H0Y4L1;F6TC96;H0Y7K4;K7EKW3;H0Y759;H0Y583;E7ESS3;O95164;Q71RG4-2;Q71RG4	Large proline-rich protein BAG6	BAG6	0	0.000105502	0	0.007809097	0.003088658	0.003288708	134.4660476	0.038228862
P11441;Q5HY81;F8WB70	Ubiquitin-like protein 4A	UBL4A	0.000109133	0	0	0.006076031	0.005827592	0.002744626	134.22393	0.010654074
Q9P0P0;C9J1C6;F8WBU5;C9J391;H7C426	E3 ubiquitin-protein ligase RNF181	RNF181	0.000557178	0.001387169	0	0.042341444	0.04912709	0.049003032	72.24611318	3.49356E-05
Q5T4S7-3;Q5T4S7-4;Q5T4S7;Q5T4S7-2;Q5T4S7-5;X6RE05;X6R960	E3 ubiquitin-protein ligase UBR4	UBR4	5.90453E-06	0	0	0.00010625	6.99191E-05	8.69582E-05	44.56364438	0.00130514
O60784-3;O60784;O60784-4;O60784-2;B0QY01;V9GZ68;H7BYN7;V9GYF4;B0QY02;Q6UW50	Target of Myb protein 1	TOM1	3.38715E-05	0	4.51525E-05	0.001122955	0.000390897	0.001074587	32.75508648	0.024165287
Q13501;E7EMC7;Q13501-2;E9PFW8;E3W990;C9JRJ8;D6RBF1;C9J6J8	Sequestosome-1	SQSTM1	0.000164814	0.000102116	0.000128113	0.005620597	0.002970083	0.003384373	30.31322066	0.009392147
P08237-2;P08237;P08237-3;F8W1J8;F8VSF7;F8VW30;F8VSL1;F8VUB8;F8VTQ3;F8VYK8;F8VZI0;F8VX13;F8VNX2;F8VZQ1;F8VVE3;F8VP00	ATP-dependent 6-phosphofructokinase, muscle type	PFKM	3.62087E-05	0	0	0.000266341	0.000179219	0.000445117	24.59848694	0.022823718
Q9UHD9	Ubiquilin-2	UBQLN2	0.000134753	0	0	0.000892641	0.000848281	0.001263188	22.29336975	0.002337004
P00374;B4DM58;P00374-2;C9JJ68;Q86XF0	Dihydrofolate reductase	DHFR	0	9.34149E-05	0	0.000740382	0.000725763	0.000364787	19.60000994	0.010256907
A0A087WXS7;O43681;K7ERW9	ATPase ASNA1	ASNA1	7.24087E-05	0.000234469	0	0.002142956	0.001088002	0.001833454	16.50301361	0.007786469
Q8WVY7	Ubiquitin-like domain-containing CTD phosphatase 1	UBLCP1	0.000944527	0.00087154	6.86303E-05	0.01238045	0.00695648	0.011573147	16.40055013	0.004837148
A0A075B6F6;Q8TCT9-5;Q8TCT9;Q8TCT9-4;Q8TCT9-2	Minor histocompatibility antigen H13	HM13	4.26143E-05	0	0	0.000251429	0.000256959	0.00017803	16.1076755	0.001810225
O15018;O15018-2	PDZ domain-containing protein 2;Processed PDZ domain-containing protein 2	PDZD2	9.77264E-06	3.50162E-05	0	0.000364369	0.000241341	0.000107057	15.91397551	0.04124508
K7EIY6;Q9BV68-2;Q9BV68;U3KQF4;U3KPY8	E3 ubiquitin-protein ligase RNF126	RNF126	0.000270319	0.000202888	0.000229677	0.003755648	0.003002941	0.003671133	14.83845257	0.000170561
Q8N0X7	Spartin	SPG20	2.10417E-05	0	0	0.000127801	9.02397E-05	8.37773E-05	14.34384339	0.003715897
P54725-2;P54725-3;P54725;K7ENJ0;K7ELW1;K7EQ16	UV excision repair protein RAD23 homolog A	RAD23A	0.000753452	0.000423776	0	0.006318526	0.004523555	0.004825053	13.30849999	0.001262418
Q06323;Q06323-3;Q06323-2;H0YKK6;H0YLU2	Proteasome activator complex subunit 1	PSME1	0.025208147	0.028094984	0.023623931	0.446745901	0.264984562	0.300384809	13.15681687	0.004986663
Q9UNS2;H7C3P9;Q9UNS2-2;J3QL22;J3QS85;J3KTQ1;J3QKR0;C9JLV5	COP9 signalosome complex subunit 3	COPS3	1.48675E-05	0	0	4.89244E-05	6.33989E-05	7.60291E-05	12.66869942	0.003360649
Q9GZU8;H3BUL4;H3BMX9;H3BP64;H3BTP8;H3BSY6;H3BTI2;H3BQQ6;Q6P4H7;H3BSF0;H3BU93;H3BN22;H3BNK9;H3BPH9;H3BPF9	Protein FAM192A	FAM192A;NIP30	0.00850783	0.007910531	0.005092945	0.090146301	0.082616599	0.094231669	12.41182517	2.12508E-05
Q9Y4C2-2;Q9Y4C2	TRPM8 channel-associated factor 1	TCAF1	0	0	2.97992E-05	0.000167169	0.000145747	5.18872E-05	12.24205425	0.038512777
P54578-2;P54578;A6NJA2;B7Z4N8;J3QQT6;J3KS55;H0YA47	Ubiquitin carboxyl-terminal hydrolase 14;Ubiquitin carboxyl-terminal hydrolase	USP14	0.001341434	0.000355867	0.000798707	0.012710718	0.003709247	0.012352951	11.52757259	0.041444449
O15294;O15294-3;O15294-2;O15294-4;C9JZL3;H7C2T7	UDP-N-acetylglucosamine--peptide N-acetylglucosaminyltransferase 110 kDa subunit	OGT	3.29908E-05	1.00179E-05	1.91412E-05	0.000331499	8.65824E-05	0.000273703	11.13091207	0.047442331
A0A087X1Z3;Q9UL46;H0YM70;H0YLG1;H0YLD2;H0YKU2	Proteasome activator complex subunit 2	PSME2	0.026522794	0.030663095	0.024590289	0.332148592	0.278499227	0.284052839	10.9408469	9.32585E-05
Q9H9L7;B4DQP0;H0YEQ5;Q9H9L7-2	Akirin-1	AKIRIN1	0.001066905	0.000577518	0	0.008230496	0.002965512	0.005511328	10.15999853	0.031762949
F5H5V4;F5GX23;J3KN29;O00233-2;O00233;F5H7X1;F5H169	26S proteasome non-ATPase regulatory subunit 9	PSMD9	0	0.000213355	0	0.000901329	0.000735678	0.00039332	9.516173907	0.021640788
O43396;K7ER96;K7EML9;K7EPB7;K7EKG2;K7EME7	Thioredoxin-like protein 1	TXNL1	0.023496098	0.016486823	0.014997885	0.157637354	0.11508608	0.169102357	8.0360006	0.001493685
Q9BXR0-2;Q9BXR0;K7ESP6;K7EJ21	Queuine tRNA-ribosyltransferase	QTRT1	0	0	5.64023E-05	0.000136462	0.000194357	7.30405E-05	7.160331988	0.043546528
P54727;Q5W0S5;P54727-2;Q5W0S4;H0Y579	UV excision repair protein RAD23 homolog B	RAD23B	0.013665458	0.005421185	0.004634043	0.050970949	0.051735734	0.063647206	7.013030404	0.000692487
Q9H2J4;H7BZP2;C9JST4	Phosducin-like protein 3	PDCL3	0.000111083	6.97643E-05	0	0.000367997	0.000478071	0.000286355	6.261748468	0.007861438
B4DR61;P61619;F8W776;Q8TC24;P61619-3;Q9H9S3-2;Q9H9S3-3;Q9H9S3;H7C1Q9;C9JXC6;H7C069;A6NK38;F2Z2C7;A6NIF9;C9JJV4;H7C1S8	Protein transport protein Sec61 subunit alpha isoform 1;Protein transport protein Sec61 subunit alpha isoform 2	SEC61A1;SEC61A2	0.000881029	0.00062921	0	0.003047644	0.002467069	0.0034836	5.958207544	0.003182251
P61289;P61289-2;P61289-3;K9J957;K7ESG5;A0A087WTV2;K7ENH2;B7Z8D3;K7EJF8	Proteasome activator complex subunit 3	PSME3	0.137137905	0.151226547	0.098674635	0.88173651	0.959912592	0.458126002	5.94197118	0.015226552
C9JLU1;P52434;P52434-4;P52434-3;P52434-2;P52434-5	DNA-directed RNA polymerases I, II, and III subunit RPABC3	POLR2H	0.001959362	0.001091095	0.001180136	0.009430656	0.007760789	0.006392494	5.574618149	0.002184686
Q5SQP8;P56545;P56545-2;A0A087WYL1	C-terminal-binding protein 2	CTBP2	0.000220676	0.000143399	0.000563387	0.001635128	0.001474527	0.001847578	5.344941355	0.00133601
Q9ULJ8;Q9ULI8-4;Q9ULJ8-5;Q9ULJ8-3	Neurabin-1	PPP1R9A	1.90864E-05	0	2.11762E-05	7.98016E-05	5.19015E-05	6.73907E-05	4.944875405	0.007302743
Q9ULI6;F8WEY7;C9J7E8;Q9ULI6-2	Muskelin	MKLN1	2.13531E-05	0	0	3.86604E-05	2.94894E-05	3.11827E-05	4.651888988	0.02738971
Q15370;B8ZZU8;Q15370-2;J3L0M9	Transcription elongation factor B polypeptide 2	TCEB2	0.006902543	0.001986655	0.00489331	0.024274119	0.010407434	0.028208256	4.563016647	0.042755513
Q8N490-2			0.000108922	0.000159418	0	0.000543326	0.000413326	0.000209526	4.312409938	0.048799351
Q53H80	Akirin-2	AKIRIN2	0.012132132	0.017596427	0.001824226	0.055858911	0.041024006	0.038909494	4.303658508	0.007912769
H3BTA2;P60510;H3BV22;I3L4X0	Serine/threonine-protein phosphatase;Serine/threonine-protein phosphatase 4 catalytic subunit	PPP4C	0.000106162	9.19773E-05	0	0.000363742	0.0002208	0.000233293	4.127579339	0.021702405
Q13200-3	26S proteasome non-ATPase regulatory subunit 2	PSMD2	4.25606E-05	3.88736E-05	5.25063E-05	0.000209105	8.8311E-05	0.000238499	4.001146532	0.043923429
Q7Z7C8;Q7Z7C8-2;Q7Z7C8-4;B4DZU5;C9J7M8	Transcription initiation factor TFIID subunit 8	TAF8	0.000659343	0.000197198	0.000183811	0.001810651	0.000877282	0.001422591	3.951090062	0.030681303
Q05086-3;Q05086;Q05086-2;S4R306	Ubiquitin-protein ligase E3A	UBE3A	0.001593022	0.001644789	0.001400348	0.007355007	0.003801249	0.00708874	3.933672306	0.016670718
O43765;K7EMD6	Small glutamine-rich tetratricopeptide repeat-containing protein alpha	SGTA	0.00060897	0.000484976	0	0.001823324	0.000898282	0.001543466	3.898797412	0.033095975
O95602;B9ZVN9;Q86SQ6-1	DNA-directed RNA polymerase I subunit RPA1;DNA-directed RNA polymerase	POLR1A	0.000572258	0.000157156	7.59275E-05	0.001135763	0.001025857	0.000964441	3.881655652	0.008743698
P19388;A0A087WV29;A0A087WWX0;A0A087WVN5	DNA-directed RNA polymerases I, II, and III subunit RPABC1	POLR2E	0.003190597	0.000989988	0.001625391	0.009510592	0.006994767	0.004778288	3.665816612	0.027160978
H0Y942;Q96LP2	Protein FAM81B	FAM81B	0.004833262	0.005287164	0.002076045	0.016854179	0.007871363	0.015284398	3.280452243	0.034615135
P62979	Ubiquitin-40S ribosomal protein S27a;Ubiquitin;40S ribosomal protein S27a	RPS27A	0.212055616	0.134756196	0.077037631	0.567097707	0.338380903	0.414043926	3.1131869	0.018512108
Q8IXB1-2;Q8IXB1;Q8IXB1-3;E7EPD4;A0A087WXH7;H7C1G0	DnaJ homolog subfamily C member 10	DNAJC10	0.00017903	9.4469E-05	0.000314986	0.000410584	0.000556958	0.000855696	3.098188632	0.047760227
O95456;O95456-2;F8WBH7	Proteasome assembly chaperone 1	PSMG1	0.036200059	0.059322615	0.024038758	0.151609688	0.117080421	0.088586694	2.988227866	0.01941113
Q8WVD3;J3KSI2;J3QKM8;J3QLQ3;J3KRU4;Q8WVD3-2	E3 ubiquitin-protein ligase RNF138	RNF138	0.000952776	0.000369389	0.00025064	0.001954177	0.001270521	0.001396265	2.938040236	0.028195319
O60264	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 5	SMARCA5	3.35557E-05	2.11708E-05	1.4012E-05	4.42559E-05	8.5651E-05	6.63249E-05	2.85475696	0.032679257
G3V4X1		PSMC1	0.002766989	0.002090577	0.000620355	0.004713984	0.006220746	0.00441889	2.802818752	0.017556892
Q5JJA5	Ubiquitin carboxyl-terminal hydrolase	UCHL5	0.024572305	0.030228838	0.032667633	0.066781258	0.082130871	0.085135141	2.675780819	0.001375202
P11177-3;P11177-2;P11177;C9J634;F8WF02	Pyruvate dehydrogenase E1 component subunit beta, mitochondrial	PDHB	0.000342474	8.08049E-05	0.000148496	0.000426997	0.00059656	0.000494636	2.655224511	0.027120054
Q969U7-2;Q969U7;K7ENR6;V9GZ55;K7ER45	Proteasome assembly chaperone 2	PSMG2	0.035598587	0.037690585	0.015529146	0.096189641	0.081227989	0.05371509	2.602309131	0.029480645
Q8WW12;Q8WW12-2;Q8WW12-3	PEST proteolytic signal-containing nuclear protein	PCNP	0.002404602	0.001584442	0.002515361	0.00542893	0.004060399	0.007241614	2.572248453	0.024333287
Q04917;A2IDB2;F8WEB6;A2IDB1	14-3-3 protein eta	YWHAH	0.002079033	0.001276374	0.00019866	0.003542262	0.002463326	0.003105448	2.563833834	0.042021188
Q32P28;Q32P28-4;Q32P28-3;H7C0D1;H7C2W6	Prolyl 3-hydroxylase 1	LEPRE1	0.000434736	0.000206317	0.000342114	0.000950253	0.000580673	0.000931729	2.5048177	0.022928469
Q96BJ3;Q96BJ3-3;Q96BJ3-2	Axin interactor, dorsalization-associated protein	AIDA	0.000198596	0.000145987	0.000195801	0.000467861	0.000294408	0.000538029	2.406251642	0.027152966
Q9BPW8;H7C2U6;C9JDV8;F8WCR5	Protein NipSnap homolog 1	NIPSNAP1	0.001891868	0.001704387	0.000293891	0.003129595	0.002762392	0.003409774	2.391108386	0.028496786
P43686;P43686-2	26S protease regulatory subunit 6B	PSMC4	0.239815726	0.215152296	0.185328712	0.479324855	0.369010332	0.489792932	2.089856233	0.005073075
Q16186;A0A087WX59;A0A087WUX6	Proteasomal ubiquitin receptor ADRM1	ADRM1	0.114198169	0.11157132	0.144010992	0.221698101	0.289979548	0.258415444	2.08256826	0.003924235
P31946-2;P31946;Q4VY20;Q4VY19	14-3-3 protein beta/alpha;14-3-3 protein beta/alpha, N-terminally processed	YWHAB	0.004656257	0.003688346	0.001699	0.008756685	0.006027597	0.006079861	2.077356341	0.045067824
Q13200;Q13200-2;C9JPC0;H7C2Q3;H7C1H2;F8WBS8;P11215;P11215-2	26S proteasome non-ATPase regulatory subunit 2	PSMD2	0.137767304	0.120892889	0.10190133	0.271804756	0.210091597	0.264183858	2.0692175	0.004293794
Q15717;Q15717-2;M0QZR9;M0R055;B1AM48;B1APY9;B1APY8;B1AM49;Q12926-2;Q12926;P26378-4;P26378-2;P26378-5;P26378;P26378-3	ELAV-like protein 1	ELAVL1	0.002483437	0.002528279	0.002248316	0.005934967	0.003856108	0.00519632	2.064370385	0.013795073
A0A087X2I1;P62333;H0YJC0;H0YJS8;H0YJT1;H0YJX2;H0YJE9;H0YJD2;H0YJY8	26S protease regulatory subunit 10B	PSMC6	0.194707428	0.203247641	0.185465417	0.362981045	0.368296027	0.446874034	2.019385907	0.001991017
Q5VWC4;P55036-2;H7C2J9	26S proteasome non-ATPase regulatory subunit 4	PSMD4	0.141152735	0.106950217	0.19256226	0.28530655	0.287836631	0.3115893	2.007720274	0.004868631
E9PJZ7;Q13136-2;Q13136;E9PID5;F8VU88;F8VWR9;E9PPF6;H0YEF9;G3V200;O75334-2;O75334-4;O75334-3;O75334	Liprin-alpha-1;Liprin-alpha-2	PPFIA1;PPFIA2	0.011369981	0.011540627	0.007419748	0.022677639	0.016832471	0.020930322	1.992737352	0.010221204
Q9UNM6;J3KNQ3;Q9UNM6-2;A0A087WUL9;E9PL38;H0YD73;E9PQG3;E9PPD2;F8W8J6	26S proteasome non-ATPase regulatory subunit 13	PSMD13	0.234423954	0.163924845	0.187492413	0.425608766	0.34578111	0.373214001	1.953778353	0.0039869
O43242;H0YGV8;F5H8K4	26S proteasome non-ATPase regulatory subunit 3	PSMD3	0.192703235	0.176548271	0.125440409	0.384185354	0.246649763	0.309500327	1.900850639	0.029133534
P08107;P08107-2;V9GZ37	Heat shock 70 kDa protein 1A	HSPA1A	0.467129414	0.370017624	0.534019157	0.941856435	0.637417848	0.998078023	1.879679002	0.029851059
P62195;J3QQM1;J3QSE0;J3QRW1;J3KTQ9	26S proteasome regulatory subunit 8	PSMC5	0.25575475	0.227850594	0.251653906	0.439267296	0.439155153	0.476285824	1.842490623	0.000166203
O00231;O00231-2;J3QRY4;J3QS13;J3KSW3	26S proteasome non-ATPase regulatory subunit 11	PSMD11	0.176358216	0.169195837	0.192050797	0.319273747	0.32372335	0.334924077	1.819033393	5.72385E-05
P62191	26S proteasome regulatory subunit 4	PSMC1	0.267526429	0.230171627	0.267917013	0.507291256	0.426126217	0.427147483	1.777087485	0.00260087
Q15008;Q15008-4;Q15008-3;Q15008-2;C9JOE9;C9J7B7;H7C531	26S proteasome non-ATPase regulatory subunit 6	PSMD6	0.194245583	0.188647593	0.171799693	0.392805902	0.254609986	0.338223705	1.776910519	0.024333953
R4GMR5;P48556;K7EJR3;K7EJC1;K7ERW6;K7ENY6	26S proteasome non-ATPase regulatory subunit 8	PSMD8	0.162232202	0.134997284	0.099520788	0.26407985	0.195474045	0.243127961	1.77109356	0.020041037
P47813;A6NJH9;O14602;X6RAC9	Eukaryotic translation initiation factor 1A, X-chromosomal;Eukaryotic translation initiation factor 1A, Y-chromosomal	EIF1AX;EIF1AY	0.017875981	0.010218237	0.013094865	0.027581275	0.021075447	0.023601121	1.754295996	0.024079985
Q9Y608-4;Q9Y608;Q9Y608-2;Q9Y608-5;C9JSU1;Q9Y608-3;H7C3N9;C9JJC9;C9JC17;C9J321;C9J0U5	Leucine-rich repeat flightless-interacting protein 2	LRRFIP2	0.001993302	0.000919953	0.000252569	0.003107428	0.00302037	0.002554007	1.748311129	0.038047028
O00232;O00232-2;J3KT15;J3KSK1;REV__A8MT70-3;REV__A8MT70;REV__A8MT70-2;P0C617	26S proteasome non-ATPase regulatory subunit 12	PSMD12	0.153654773	0.138221274	0.172209806	0.282776363	0.265596008	0.261097875	1.744225214	0.00062621
P17066;P48741	Heat shock 70 kDa protein 6	HSPA6	0.032554706	0.031447754	0.047719256	0.064911606	0.057187316	0.07215265	1.738709162	0.015522572
P35998;P35998-2;C9JLS9;D6RAE5;D6R9M8;Q9UBT6-7;Q9UBT6-4;Q9UBT6-6;Q9UBT6-2;Q9UBT6-5;Q9UBT6-8;Q9UBT6	26S protease regulatory subunit 7	PSMC2	0.315816088	0.222699397	0.304214383	0.501827844	0.423154705	0.505294061	1.697194636	0.007868763
R4GNH3;E9PN50		PSMC3	0.281124006	0.291626598	0.188263143	0.509799052	0.414011592	0.3377252	1.657704411	0.048934667
Q14997;Q14997-2;Q14997-3;F8WBH5;Q14997-4;REV__Q5VWK5-7;REV__Q5VWK5-5;REV__Q8N4C7;REV__Q5VWK5-6;REV__Q5VWK5-2;REV__H7BZ42;REV__Q5VWK5	Proteasome activator complex subunit 4	PSME4	0.028415285	0.031923941	0.037185948	0.057965908	0.047221322	0.054536436	1.637768586	0.006989608
A0A087WW66;H7BZR6;H7C378		PSMD1	0.121746651	0.133993999	0.141800152	0.187262931	0.209265859	0.239994501	1.601152106	0.008237328
>1.5x fold decreased DAPs										
Q8NFH4;F8VTY2	Nucleoporin Nup37	NUP37	0.002854417	0.002418217	0.002715467	0.001227432	0.000130032	0.000986114	0.293383564	0.006207113
Q92621;U3KPX2;U3KQ97;U3KQ47	Nuclear pore complex protein Nup205	NUP205	0.000527599	0.000497375	0.000348478	0.000101978	0.000125601	0.000167956	0.287985403	0.005123669
Q8N1F7;H3BVG0;Q8N1F7-2;H3BRI8;H3BM93;H3BPA9;H3BNN5;H3BV11;H3BP95;H3BVE2;H3BMX0;H3BRD9;H3BNG7;H3BV15	Nuclear pore complex protein Nup93	NUP93	0.001242191	0.00062587	0.000724392	8.04823E-05	2.5213E-05	0.000148426	0.09802359	0.016014496
Q5SRE5;Q5SRE5-2	Nucleoporin NUP188 homolog	NUP188	5.58983E-05	6.17395E-05	2.47034E-05	0	1.30455E-05	0	0.091649561	0.024750435
Q9GZP4;Q9GZP4-2;X6R8S9;X6RHB9	PITH domain-containing protein 1	PITHD1	0.029145645	0.037079629	0.029226453	0.001932839	7.6745E-05	0.001309572	0.034773139	0.000334461
P49792;F8VYC4;P0DJD0;P0DJD1;F8WBP7;C9J1W9;C9JF75;C9J6W1;Q7Z3J3-2;Q05823-2;Q05823	E3 SUMO-protein ligase RanBP2	RANBP2	0.000169194	0.000154311	4.26612E-05	4.75317E-06	0	1.44346E-06	0.016922961	0.039815351
Increased DAPs (unable to calculate fold change)										
Q9JAW5;C9JNU6;Q9Y241	HIG1 domain family member 1A, mitochondrial	HIGD1A	0	0	0	0.000260072	0.000315066	0.000289323	#DIV/0!	5.43232E-05
Q9NX09	DNA damage-inducible transcript 4 protein	DDIT4	0	0	0	0.002314785	0.002729134	0.002316196	#DIV/0!	5.86183E-05
O14545;F8VNX8;F8VVF3;O14545-2;S4R2Z9;F8VWK2	TRAF-type zinc finger domain-containing protein 1	TRAFD1	0	0	0	0.000383894	0.000481985	0.000431943	#DIV/0!	0.000107087
Q9P1U0	DNA-directed RNA polymerase I subunit RPA12	ZNRD1	0	0	0	0.000361615	0.000230092	0.00030753	#DIV/0!	0.001420112
P26358;P26358-2;P26358-3;K7ENW7;K7ENQ6	DNA (cytosine-5)-methyltransferase 1	DNMT1	0	0	0	1.97863E-05	2.24898E-05	3.08978E-05	#DIV/0!	0.001881437
Q5JXX2;A0A088AWL8;Q15014;Q5JXX1;Q5JXX6	Mortality factor 4-like protein 2	MORF4L2	0	0	0	0.001296306	0.001793222	0.001060913	#DIV/0!	0.00304405
Q9Y5V3;Q9Y5V3-2	Melanoma-associated antigen D1	MAGED1	0	0	0	3.43792E-05	3.11923E-05	1.96423E-05	#DIV/0!	0.003160313
F2Z3M0;E9PPN1;H0YCV5;Q8WW01-2;Q8WW01	tRNA-splicing endonuclease subunit Sen15	TSEN15	0	0	0	0.000408793	0.000713363	0.000547738	#DIV/0!	0.003201283
Q96S55-2;Q96S55;Q96S55-3;Q96S55-4	ATPase WRNIP1	WRNIP1	0	0	0	0.000742509	0.000663447	0.000405332	#DIV/0!	0.004051794
Q9Y4L5	E3 ubiquitin-protein ligase RNF115	RNF115	0	0	0	0.000253601	0.000225441	0.000133758	#DIV/0!	0.004846435
F8VQW0;F8VX73;F8VP11;F8W201;F8W086;F8VR05;F8VQQ5;F8VS17;F8VVJ4;P55061;F8W1G3;F8VY06;P55061-2	Bax inhibitor 1	TMBIM6	0	0	0	0.011275229	0.006915051	0.006649343	#DIV/0!	0.005254502
Q96RS6;Q96RS6-3;Q96RS6-2;E5RGX7	NudC domain-containing protein 1	NUDCD1	0	0	0	0.000244219	0.000211272	0.000382306	#DIV/0!	0.005963503
Q13043-2;Q13043;A0A087WVN8;F5H5B4	Serine/threonine-protein kinase 4;Serine/threonine-protein kinase 4 37kDa subunit;Serine/threonine-protein kinase 4 18kDa subunit	STK4	0	0	0	2.10348E-05	3.81182E-05	4.63111E-05	#DIV/0!	0.009161013
E9PLG2		PSMC3	0	0	0	0.000130813	0.000213297	0.000108202	#DIV/0!	0.009166141
Q9UI14;M0R1H9;M0R3D4;M0QXU8;M0QXH1	Prenylated Rab acceptor protein 1	RABAC1	0	0	0	0.000511254	0.000224166	0.000385439	#DIV/0!	0.010849068
M0QY25;Q86YD1-3;Q86YD1;M0QYH6;Q86YD1-2;M0QX53;M0QYQ4;M0QYH7	Prostate tumor-overexpressed gene 1 protein	PTOV1	0	0	0	0.000240748	0.000198343	9.91597E-05	#DIV/0!	0.012883498
Q9NWX6	Probable tRNA(His) guanylyltransferase	THG1L	0	0	0	0.000104002	5.64473E-05	5.10208E-05	#DIV/0!	0.013822105

Q99576;Q5JRJ0;E7EWD5;Q99576-4;Q99576-3;Q5JRJ2;D6RD92;D6R9J1;H0Y865;H7BZ77;Q15714-2;Q9Y3Q8-2;Q9Y3Q8;Q15714-3;O75157-2;O75157;Q15714	TSC22 domain family protein 3	TSC22D3	0	0	0	0.003396272	0.001859966	0.001543727	#DIV/0!	0.01665358
J3QRM9;Q8N138-4;Q8N138;J3KTF9;F6WST4;F8VXD5;Q9P0S3;Q53FV1	ORM1-like protein 3;ORM1-like protein 1;ORM1-like protein 2	ORMDL3;ORMDL1;ORMDL2	0	0	0	0.000671664	0.001530214	0.000841951	#DIV/0!	0.01805544
Q7L5D6;Q7L5D6-2;C9JPA8;C9JHN8;C9JY46	Golgi to ER traffic protein 4 homolog	GET4	0	0	0	0.003746692	0.001479127	0.002169422	#DIV/0!	0.021328523
Q5H909;Q9UNF1-2;Q9UNF1;Q5H907;A0A087X070;G5E9N2;Q12816-5;Q12816-2;Q12816-3;Q12816-4;Q12816	Melanoma-associated antigen D2	MAGED2	0	0	0	0.000652072	0.000469927	0.000226067	#DIV/0!	0.021940047
P51991-2	Heterogeneous nuclear ribonucleoprotein A3	HNRNPA3	0	0	0	0.000182671	6.87591E-05	0.000210234	#DIV/0!	0.023716433
O00767	Acyl-CoA desaturase	SCD	0	0	0	0.000257698	8.73424E-05	0.000165572	#DIV/0!	0.025884047
Q6ZVM7-3;Q6ZVM7;B7Z2U2;Q6ZVM7-2;Q6ZVM7-5;F5H356;Q6ZVM7-4;K7EN80	TOM1-like protein 2	TOM1L2	0	0	0	0.000277559	0.000332095	0.000677326	#DIV/0!	0.026595249
A0A087WWL9;A2AEA2;P10321;F6U0H7;Q31612;P30499;Q95604;F8W9Z8;Q09160	HLA class I histocompatibility antigen, Cw-7 alpha chain	HLA-C	0	0	0	0.001834072	0.000531729	0.001059821	#DIV/0!	0.039188405
K7EP06;O43148;O43148-2;K7ERH6	mRNA cap guanine-N7 methyltransferase	RNMT	0	0	0	0.000179189	7.39906E-05	0.000287044	#DIV/0!	0.042907374
P62699	Protein yippee-like 5	YPEL5	0	0	0	5.64568E-05	9.66227E-05	0.000190842	#DIV/0!	0.045079483
Decreased DAPs (Fold change = 0)										
A0A087WVM7;V9GYP5;A0A087WWQ2;Q92979	Ribosomal RNA small subunit methyltransferase NEP1	EMG1	7.77146E-05	6.25182E-05	9.72227E-05	0	0	0	0	0.001401875
Q8IYS1	Peptidase M20 domain-containing protein 2	PM20D2	5.63666E-05	7.25825E-05	2.76166E-05	0	0	0	0	0.016546213
P35658-2;P35658-4;P35658;P35658-3;P35658-5;H0YF36;H0Y837;H0YDS4;E9PKD2;B7ZAV2	Nuclear pore complex protein Nup214	NUP214	0.000175602	5.56479E-05	0.000256509	0	0	0	0	0.049488264

Table S4. DAPs (MG132 12 h / DMSO)

Protein IDs	Protein names	Gene names	DMSO #1	DMSO #2	DMSO #3	MG132 12 h #1	MG132 12 h #2	MG132 12 h #3	Fold-change	p-value
>1.5x fold increased DAPs										
Q504T8;K7END3;K7EN89	Midnolin	MIDN	0	0	2.61977E-06	0.001307119	0.000880678	0.000431946	999.9881413	0.025991987
Q5VYK3;J3KN16;R4GMY1;F6XAQ5	Proteasome-associated protein ECM29 homolog	ECM29;KIAA0368	4.42319E-05	1.31092E-05	0	0.005983547	0.007158973	0.004043109	299.7089309	0.003275018
Q9NR09	Baculoviral IAP repeat-containing protein 6	BIRC6	2.71608E-06	0	0	0.000235044	0.000325905	0.000119613	250.5677305	0.019355629
O95071-2;O95071;E7EMW7;E7ET84;E5RFK7	E3 ubiquitin-protein ligase UBR5	UBR5	2.32211E-06	0	0	0.000161362	0.000215624	6.10429E-05	188.6336578	0.032679184
P11441;Q5HY81;F8WB70	Ubiquitin-like protein 4A	UBL4A	0.000109133	0	0	0.003744685	0.005317357	0.003303148	113.3039492	0.002622913
P46379-2;P46379;P46379-3;P46379-5;P46379-4;X6REW1;F6S6P2;F6UR09;F6U1F2;F6XTU0;H0Y710;F6RG75;F6WML8;F6VEM6;F6X9W3;F6U341;H0Y4L1;F6TC96;H0Y7K4;K7EKW3;H0Y759;H0Y583;E7ESS3;O95164;Q71RG4-2;Q71RG4	Large proline-rich protein BAG6	BAG6	0	0.000105502	0	0.004715918	0.003614143	0.002355736	101.2850735	0.006671895
Q9P0P0;C9J1C6;F8WBU5;C9J391;H7C426	E3 ubiquitin-protein ligase RNF181	RNF181	0.000557178	0.001387169	0	0.034181961	0.03838681	0.040000681	57.89574107	3.21157E-05
Q5T4S7-3;Q5T4S7-4;Q5T4S7;Q5T4S7-2;Q5T4S7-5;X6RE05;X6R960	E3 ubiquitin-protein ligase UBR4	UBR4	5.90453E-06	0	0	0.000117508	0.000126661	7.88399E-05	54.70522566	0.002026093
Q5TDH0;Q5TDH0-3;Q5TDH0-2;H0YII4;H0YI90;Q8WTU0	Protein DDI1 homolog 2	DDI2	2.0655E-05	0	0	0.00017058	0.00033434	0.000472766	47.3341328	0.021937553
B1AJY7;O75832;B1AJY5;O75832-2;B1AJY6	26S proteasome non-ATPase regulatory subunit 10	PSMD10	0.000119373	0.000343228	0	0.004449333	0.004314899	0.002494458	24.33777729	0.004874027
Q9UHD9	Ubiquilin-2	UBQLN2	0.000134753	0	0	0.000649798	0.000562198	0.001109737	17.22947919	0.014256502
Q13501;E7EMC7;Q13501-2;E9PFW8;E3W990;C9JRJ8;D6RBF1;C9J6J8	Sequestosome-1	SQSTM1	0.000164814	0.000102116	0.000128113	0.003080351	0.00172569	0.001735708	16.55955077	0.010413812
Q8TAT6;Q8TAT6-2;I3L4U9	Nuclear protein localization protein 4 homolog	NPLOC4	1.63884E-05	0	0	0.000121403	9.69641E-05	4.22108E-05	15.90011672	0.027639663
Q8WVY7	Ubiquitin-like domain-containing CTD phosphatase 1	UBLCP1	0.000944527	0.00087154	6.86303E-05	0.010322725	0.009722655	0.006605749	14.14079798	0.002237041
O15294;O15294-3;O15294-2;O15294-4;C9JZL3;H7C2T7	UDP-N-acetylglucosamine--peptide N-acetylglucosaminyltransferase 110 kDa subunit	OGT	3.29908E-05	1.00179E-05	1.91412E-05	0.000248711	0.000224067	0.000290949	12.28847725	0.000345839
Q9GZU8;H3BUL4;H3BMX9;H3BP64;H3BTP8;H3BSY6;H3BTI2;H3BQQ6;Q6P4H7;H3BSF0;H3BU93;H3BN22;H3BNK9;H3BPH9;H3BPF9	Protein FAM192A	FAM192A;NIP30	0.00850783	0.007910531	0.005092945	0.064974116	0.116111521	0.079868141	12.13100582	0.00632485
Q7Z6Z7-2;Q7Z6Z7-3;Q7Z6Z7;H0Y659;A0A087X146;Q5H963;A0A087X1S3	E3 ubiquitin-protein ligase HUWE1	HUWE1	2.74852E-05	1.96869E-05	1.36754E-05	0.000305139	0.000231806	0.000194483	12.02070183	0.002408927
Q06323;Q06323-3;Q06323-2;H0YKK6;H0YLU2	Proteasome activator complex subunit 1	PSME1	0.025208147	0.028094984	0.023623931	0.309624972	0.345689905	0.211713255	11.27078175	0.002767243
A0A087X1Z3;Q9UL46;H0YM70;H0YLG1;H0YLD2;H0YKU2	Proteasome activator complex subunit 2	PSME2	0.026522794	0.030663095	0.024590289	0.303265537	0.311526922	0.302840341	11.22127261	1.24829E-07
Q9BTY7;E9PIX0	Protein HGH1 homolog	HGH1	4.05135E-05	0	0	0.000183833	9.49139E-05	0.000161376	10.86361679	0.011226131
P54578-2;P54578;A6NJA2;B7Z4N8;J3QQT6;J3KS55;H0YA47	Ubiquitin carboxyl-terminal hydrolase 14;Ubiquitin carboxyl-terminal hydrolase	USP14	0.001341434	0.000355867	0.000798707	0.009509058	0.006948791	0.0096251	10.44986497	0.001023673
Q9H7D7-2;Q9H7D7;H0Y9R3;C9JCS7;H0Y917;Q9H7D7-3;Q9H7D7-4	WD repeat-containing protein 26	WDR26	3.28769E-05	0	0	6.36483E-05	9.42701E-05	0.0001712	10.01062547	0.043243042
A0A075B6F6;Q8TCT9-5;Q8TCT9;Q8TCT9-4;Q8TCT9-2	Minor histocompatibility antigen H13	HM13	4.26143E-05	0	0	0.000151051	0.000144898	0.000129587	9.98573945	0.001206966
P54725-2;P54725-3;P54725;K7ENJ0;K7ELW1;K7EQ16	UV excision repair protein RAD23 homolog A	RAD23A	0.000753452	0.000423776	0	0.005142909	0.003570177	0.002993219	9.943961055	0.006635184
Q13617;Q13617-2;Q5T2B5;Q5T2B4;Q5T2B7	Cullin-2	CUL2	0	1.32032E-05	0	6.11925E-05	4.10539E-05	2.47963E-05	9.622092364	0.029218529
Q9H9L7;B4DQP0;H0YEQ5;Q9H9L7-2	Akirin-1	AKIRIN1	0.001066905	0.000577518	0	0.005223821	0.006077332	0.002561854	8.43031709	0.020949677
Q86YQ0;Q96MX6-2;Q96MX6;Q8ND98;H7C389;F6U1T9;D3YTA9;H7BYZ3;P63098	WD repeat-containing protein 92	HZGJ;WDR92;DKFZp434B156	7.59424E-05	1.11023E-05	8.06744E-06	0.000260126	0.000151569	0.000372679	8.246839581	0.027261199
O43396;K7ER96;K7EML9;K7EPB7;K7EKG2;K7EME7	Thioredoxin-like protein 1	TXNL1	0.023496098	0.016486823	0.014997885	0.14023405	0.182225753	0.119387174	8.036385932	0.002301785
F5GWN1;J3KRP6;J3QS72;X6R3J2;J3QQM2;J3KT74;J3QQW2;Q15532-2;Q15532	Protein SSXT	SS18	0.000382923	0.000175425	0	0.000822752	0.002206305	0.001244257	7.653489344	0.043256142
D6RCM8;O95379-3;O95379-2;O95379;O95379-4	Tumor necrosis factor alpha-induced protein 8	TNFAIP8	0	0	0.000162259	0.000477753	0.000178848	0.000515363	7.222808418	0.04789648
P54727;Q5W0S5;P54727-2;Q5W0S4;H0Y579	UV excision repair protein RAD23 homolog B	RAD23B	0.013665458	0.005421185	0.004634043	0.052797502	0.043828662	0.054894189	6.387688569	0.000668858
Q9BXR0-2;Q9BXR0;K7ESP6;K7EJ21	Queuine tRNA-ribosyltransferase	QTRT1	0	0	5.64023E-05	0.000105274	9.88551E-05	0.000137844	6.063095271	0.013046327
P52657;H0YK39;A8MYR4;REV__Q6UB99	Transcription initiation factor IIA subunit 2	GTF2A2	0.0001126	0	0.000789633	0.001899824	0.001932597	0.001548378	5.963871281	0.005626109
P46821;D6RA32;D6RA40;D6RCL2;D6RGJ3	Microtubule-associated protein 1B;MAP1B heavy chain;MAP1 light chain LC1	MAP1B	2.86172E-05	5.59474E-06	1.32401E-05	0.000146261	6.14687E-05	7.39825E-05	5.936788281	0.045817369
Q53H80	Akirin-2	AKIRIN2	0.012132132	0.017596427	0.001824226	0.050341738	0.09468283	0.041619838	5.915306875	0.038812213
P51571;A6NLM8	Translocon-associated protein subunit delta	SSR4	0.000319812	0.000960384	6.77865E-05	0.002602883	0.003277672	0.00181957	5.712335975	0.013146955
P15104;A0A087WYJ1	Glutamine synthetase	GLUL	0.000256098	0.000120041	0	0.000738291	0.000818364	0.000352559	5.075815887	0.034177518
Q15370;B8ZZU8;Q15370-2;I3L0M9	Transcription elongation factor B polypeptide 2	TCEB2	0.006902543	0.001986655	0.00489331	0.026495562	0.020065761	0.02179371	4.959550026	0.001607258
C9JZY9;P30876;C9J4M6	DNA-directed RNA polymerase;DNA-directed RNA polymerase II subunit RPB2	POLR2B	0.000103062	5.08022E-05	6.47012E-05	0.000398742	0.00044847	0.00021668	4.867609505	0.017473961
Q05086-3;Q05086;Q05086-2;S4R306	Ubiquitin-protein ligase E3A	UBE3A	0.001593022	0.001644789	0.001400348	0.007670784	0.007056462	0.005720678	4.408629808	0.000815835
O43765;K7EMD6	Small glutamine-rich tetratricopeptide repeat-containing protein alpha	SGTA	0.00060897	0.000484976	0	0.002035814	0.001584418	0.00103544	4.255852931	0.02597105
P55072;C9JZA5;C9JUP7	Transitional endoplasmic reticulum ATPase	VCP	0.004240812	0.001666652	0.000233873	0.011279763	0.00760289	0.007198073	4.246751138	0.019110354
Q9NSE4	Isoleucine--tRNA ligase, mitochondrial	IARS2	2.35498E-05	1.82328E-05	0	6.66605E-05	4.87434E-05	6.15416E-05	4.234904431	0.007173903
O95163;F5H2T0	Elongator complex protein 1	IKBKAP	3.63375E-05	1.04063E-05	0	9.38102E-05	5.1406E-05	5.15568E-05	4.209600921	0.048115753
Q5JVF3-3;Q5JVF3-2;Q5JVF3;Q5JVF3-4F8VUX1;F8VY35;F8W0J6;F5H4R6;P55209-2;P55209;F8VV59;B7Z9C2;H0YIV4;B3KV44;F8W020;F8VXI6;H0YHC3;F8W118;F8VRJ2;F8VVB5;H0YH88;B7Z4K9	PCI domain-containing protein 2	PCID2	8.3682E-05	1.41319E-05	0.0001109	0.000344006	0.00035953	0.000170322	4.186863742	0.029874651
P61289;P61289-2;P61289-3;K9J957;K7ESG5;A0A087WTV2;K7ENH2;B7Z8D3;K7EJF8	Proteasome activator complex subunit 3	PSME3	0.137137905	0.151226547	0.098674635	0.419495561	0.552215565	0.589557436	4.03387826	0.001914971
B5MD17;J3KS05;P83916;K7ELA4;C9JWS9	Chromobox protein homolog 1	CBX1	0.000227722	0	0.000435851	0.001020718	0.000524042	0.001112743	4.004837619	0.040167109
C9JLU1;P52434;P52434-4;P52434-3;P52434-2;P52434-5	DNA-directed RNA polymerases I, II, and III subunit RPABC3	POLR2H	0.001959362	0.001091095	0.001180136	0.00458731	0.005251185	0.006730431	3.916454858	0.003995427
Q9Y4E8-2;Q9Y4E8-3;Q9Y4E8;Q9Y4E8-4;F8W0H4;H0YI31;F8VZG8;F8VVY7;H0YHM4;H0YI26;H7C189;Q13107-	Ubiquitin carboxyl-terminal hydrolase 15	USP15	0.000145973	1.81834E-05	2.31162E-05	0.00028193	0.000180155	0.000262361	3.868405223	0.026445132
Q9H9Y6;Q9H9Y6-3;Q9H9Y6-2;Q9H9Y6-4;Q9H9Y6-5;H7C0D9;C9JJG2;C9JS83;F8WDS4;F8WAK7;F8WBB9;F8WCS3	DNA-directed RNA polymerase I subunit RPA2	POLR1B	0.000442899	0.000124741	0.000129857	0.001071451	0.000752685	0.000787614	3.744458226	0.011908207
D6RAX7;D6RFN0;Q9BT78;D6RD63;Q9BT78-2;D6REK7	COP9 signalosome complex subunit 4	COPS4	3.60884E-05	2.12726E-05	0	8.59006E-05	6.17267E-05	6.23034E-05	3.659814987	0.018064867
Q07021;I3L3Q7;I3L3B0	Complement component 1 Q subcomponent-binding protein, mitochondrial	C1QBP	0.002484082	0.001507623	0.001842186	0.004916922	0.006110979	0.009594015	3.534847565	0.026237575
E5RHG8;Q15369;Q15369-2;R4GMY8	Transcription elongation factor B polypeptide 1	TCEB1	0.006867099	0.004459978	0.006922898	0.023126765	0.021812268	0.018742591	3.489408871	0.00058742
P62993;J3KT38;P62993-2;J3QLF6	Growth factor receptor-bound protein 2	GRB2	0.000349885	0	0.00041009	0.001146771	0.000703381	0.000782012	3.463487193	0.02895314
P19388;A0A087WVZ9;A0A087WWX0;A0A087WVN5	DNA-directed RNA polymerases I, II, and III subunit RPABC1	POLR2E	0.003190597	0.000989988	0.001625391	0.008377136	0.005730543	0.004655929	3.231774371	0.028243599
P61981	14-3-3 protein gamma;14-3-3 protein gamma, N-terminally processed	YWHAG	0.004331892	0.002724743	0.000664053	0.008899518	0.007683643	0.00803532	3.1886381	0.00736811
Q10570;A0A087X101;E9PIM1	Cleavage and polyadenylation specificity factor subunit 1	CPSF1	6.94486E-05	2.16081E-05	0.000192829	0.000381282	0.000214572	0.000295916	3.141304861	0.044590622
O75131;A0A087WYQ3;A0A087WXR6;E5RHZ0;A0A087WUS8;H0YB26;E5RFT7;Q86YQ8-2;Q9HCH3-2;Q96FN4-2;Q96FN4;Q96A23;O95741;Q9UBL6-2;O95741-2;Q9UBL6	Copine-3	CPNE3	0.002173249	0.000552945	0.001254569	0.005612769	0.004216201	0.002614152	3.125812898	0.045780035
P62979	Ubiquitin-40S ribosomal protein S27a;Ubiquitin;40S ribosomal protein S27a	RPS27A	0.212055616	0.134756196	0.077037631	0.472159628	0.445868421	0.382107276	3.067446104	0.003513607
P12955-3;P12955-2;P12955;V9GYE4	Xaa-Pro dipeptidase	PEPD	2.39322E-05	3.37164E-05	0	5.76778E-05	5.38375E-05	6.37073E-05	3.039498495	0.019745232
Q5LJA5	Ubiquitin carboxyl-terminal hydrolase	UCHL5	0.024572305	0.030228838	0.032667633	0.070811169	0.082765041	0.100999158	2.910471397	0.003606052
P02794;G3V1D1;G3V192;E9PPQ4;E9PRK8;E9PKY7;E9PQR3;E9PKM5;E9PK45	Ferritin heavy chain;Ferritin heavy chain, N-terminally processed;Ferritin	FTH1	0.001049634	0.000611046	0.00017258	0.002224752	0.001943634	0.001132521	2.891519814	0.049180473
E7ETU9;O00469;O00469-2;O00469-3;C9JXZ0	Procollagen-lysine,2-oxoglutarate 5-dioxygenase 2	PLOD2	0.00010581	7.62677E-05	7.20903E-05	0.000341621	0.000211304	0.000168194	2.83717544	0.042996399
S4R369;Q9BZE1;H0Y4J2;A6NHR2	39S ribosomal protein L37, mitochondrial	MRPL37	3.12508E-05	2.00642E-05	0	5.31439E-05	4.98739E-05	3.83781E-05	2.755449038	0.041979824
P00441;H7BYH4	Superoxide dismutase [Cu-Zn]	SOD1	0.002050742	0.000626934	0.000534585	0.003425578	0.00297126	0.002108251	2.647695545	0.047590952
Q13045;Q13045-3;K7EQZ7;J3QLR6	Protein flightless-1 homolog	FLII	0.002290107	0.000150972	0.00193571	0.003833263	0.004476854	0.003003194	2.584842236	0.042548155
P47897-2;P47897;H7C0R3;C9J165;C9JSG9;F2Z2V6	Glutamine--tRNA ligase	QARS	0.000272553	0.000191493	3.4096E-05	0.00046969	0.000464621	0.000323824	2.525657192	0.04039297
Q9Y230;Q9Y230-2;M0R0Y3;X6R2L4;M0R0Z0;M0QXI6;M0QXZ7	RuvB-like 2	RUVBL2	0.003459112	0.002769816	0.001486707	0.008532147	0.005652482	0.005277289	2.522399808	0.029385463
Q8WW12;Q8WW12-2;Q8WW12-3	PEST proteolytic signal-containing nuclear protein	PCNP	0.002404602	0.001584442	0.002515361	0.005561382	0.0057938	0.004553109	2.445772176	0.002858446
Q969U7-2;Q969U7;K7ENR6;V9GZ55;K7ER45	Proteasome assembly chaperone 2	PSMG2	0.035598587	0.037690585	0.015529146	0.078845633	0.070836036	0.064192383	2.407994845	0.007717178
Q9P2I0;H0YJF4	Cleavage and polyadenylation specificity factor subunit 2	CPSF2	0.004295374	0.001366025	0.002535631	0.007155216	0.006306132	0.006261422	2.406087364	0.012943811
P30153;B3KQV6;C9J9C1;E9PH38;P30154-5;P30154-4;P30154;P30154-2;M0QXG4;M0R0K6;E9PPI5;E9PHZ6;H0YDG7;P30154-3	Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A alpha isoform	PPP2R1A	0.002010444	0.001047819	0.000674754	0.002946065	0.002536315	0.003315957	2.356897371	0.020962378

H0Y7A7;P62158;E7ETZ0;E7EMB3;Q96HY3;G3V361;M0QZ52;F8W8R5;G3V226;G3V479;P27482;C9J7T9;P02585	Calmodulin	CALM2;CALM1	0.028995277	0.008539006	0.017065185	0.037676811	0.048606544	0.038094586	2.278006472	0.028358378
Q15717;Q15717-2;M0QZR9;M0R055;B1AM48;B1APY9;B1APY8;B1AM49;Q12926-2;Q12926;P26378-4;P26378-2;P26378-5;P26378;P26378-3	ELAV-like protein 1	ELAVL1	0.002483437	0.002528279	0.002248316	0.00455097	0.004444328	0.006046559	2.071872014	0.007783566
P31946-2;P31946;Q4VY20;Q4VY19	14-3-3 protein beta/alpha;14-3-3 protein beta/alpha, N-terminally processed	YWHAB	0.004656257	0.003688346	0.001699	0.007598389	0.006075089	0.006535039	2.012078277	0.025913768
P83876;K7ESL1;K7EPA6;K7EJU2;K7EMX5;O14835;K7ES07	Thioredoxin-like protein 4A	TXNL4A	0.002203323	0.001266805	0.003592968	0.005435897	0.004458236	0.00410972	1.982678982	0.041879982
P08107;P08107-2;V9GZ37	Heat shock 70 kDa protein 1A	HSPA1A	0.467129414	0.370017624	0.534019157	0.812616502	0.830902955	1.040666741	1.957593622	0.007415828
A0A087X2I1;P62333;H0YJC0;H0YJS8;H0YJT1;H0YJX2;H0YJE9;H0YJD2;H0YJY8	26S protease regulatory subunit 10B	PSMC6	0.194707428	0.203247641	0.185465417	0.34528323	0.37695924	0.365847392	1.865018266	9.2297E-05
Q13200;Q13200-2;C9JPC0;H7C2Q3;H7C1H2;F8W8S8;P11215;P11215-2	26S proteasome non-ATPase regulatory subunit 2	PSMD2	0.137767304	0.120892889	0.10190133	0.213486787	0.22290505	0.22713965	1.840272591	0.000814307
Q43242;H0YGV8;F5H8K4	26S proteasome non-ATPase regulatory subunit 3	PSMD3	0.192703235	0.176548271	0.125440409	0.327936737	0.313927079	0.256438185	1.815881706	0.010731784
Q9UNM6;J3KNQ3;Q9UNM6-2;A0A087WUL9;E9PL38;H0YD73;E9PQG3;E9PPD2;F8W8J6	26S proteasome non-ATPase regulatory subunit 13	PSMD13	0.234423954	0.163924845	0.187492413	0.338157256	0.365653827	0.357922406	1.81232298	0.002056608
P10599;P10599-2	Thioredoxin	TXN	0.010303226	0.007898252	0.010909952	0.018869351	0.015719683	0.017505678	1.789493409	0.004089853
P43686;P43686-2	26S protease regulatory subunit 6B	PSMC4	0.239815726	0.215152296	0.185328712	0.374695615	0.472673913	0.285617161	1.769471293	0.043301389
P17066;P48741	Heat shock 70 kDa protein 6	HSPA6	0.032554706	0.031447754	0.047719256	0.055812556	0.069389212	0.070173697	1.748768923	0.016511504
P50991;P50991-2	T-complex protein 1 subunit delta	CCT4	0.005375232	0.004673363	0.003238244	0.008649115	0.007108054	0.007294403	1.734917661	0.014895445
P40227;P40227-2;J3KRI6	T-complex protein 1 subunit zeta	CCT6A	0.010979883	0.00777022	0.005994958	0.015238795	0.013504136	0.01416762	1.734105636	0.017214999
P62195;J3QQM1;J3QSE0;J3QRW1;J3KTQ9	26S protease regulatory subunit 8	PSMC5	0.25575475	0.227850594	0.251653906	0.419041315	0.459439402	0.364446856	1.690461662	0.004226429
O00231;O00231-2;J3QRY4;J3QS13;J3KSW3	26S proteasome non-ATPase regulatory subunit 11	PSMD11	0.176358216	0.169195837	0.192050797	0.324160822	0.306906059	0.273815082	1.68317299	0.001658485
O00232;O00232-2;J3KTJ5;J3KSK1;REV__A8MT70-3;REV__A8MT70;REV__A8MT70-2;P0C617	26S proteasome non-ATPase regulatory subunit 12	PSMD12	0.153654773	0.138221274	0.172209806	0.230342128	0.232389035	0.290505374	1.623054295	0.011927968
A0A087WW66;H7BZR6;H7C378		PSMD1	0.121746651	0.133993999	0.141800152	0.184125505	0.213822586	0.245667719	1.618993088	0.011822915
P35998;P35998-2;C9JLS9;D6RAE5;D6R9M8;Q9UBT6-7;Q9UBT6-4;Q9UBT6-6;Q9UBT6-2;Q9UBT6-5;Q9UBT6-8;Q9UBT6	26S protease regulatory subunit 7	PSMC2	0.315816088	0.222699397	0.304214383	0.448765994	0.38088473	0.532032972	1.615800921	0.03028614
P11142;E9PKE3;E9PNE6;P11142-2;A8K7Q2;E9PS65;E9PLF4;E9PQQ4;E9PQK7;E9PKS4;E9PPY6;E9PM13;E9PN25;E9PI65	Heat shock cognate 71 kDa protein	HSPA8	0.180012163	0.181055568	0.172120241	0.318227243	0.273931939	0.255676429	1.590125164	0.005045474
R4GNH3;E9PN50		PSMC3	0.281124006	0.291626598	0.188263143	0.416117111	0.388623554	0.362328972	1.533572347	0.020374746
0.66x < change < 1.5x										
P62191	26S protease regulatory subunit 4	PSMC1	0.267526429	0.230171627	0.267917013	0.339633554	0.401387006	0.323219851	1.390046324	0.020797083
P25788-2;P25788;H0YJ03;G3V3W4;G3V5N4	Proteasome subunit alpha type-3	PSMA3	1.126558217	1.1865122	1.244104127	1.322847567	1.368246519	1.339254234	1.133019556	0.012363624
>1.5x fold decreased DAPs										
Q8NFH4;F8VTY2	Nucleoporin Nup37	NUP37	0.002854417	0.002418217	0.002715467	0.001805852	0.001191981	0.00092005	0.490464816	0.009672526
Q5JV73	FERM and PDZ domain-containing protein 3	FRMPD3	5.48736E-05	5.39797E-05	4.87752E-05	0	3.52958E-05	0	0.223917332	0.026742387
A0A087WUK2;O14979;O14979-3;O14979-2	Heterogeneous nuclear ribonucleoprotein D-like	HNRNPDL	0.007161606	0.003224589	0.003921294	0.00072736	0.001137316	0.000457463	0.16230233	0.03135533
Q92621;U3KPX2;U3KQ97;U3KQ47	Nuclear pore complex protein Nup205	NUP205	0.000527599	0.000497375	0.000348478	8.49325E-05	4.99547E-05	7.62848E-06	0.103764568	0.002348118
Q8N1F7;H3BVG0;Q8N1F7-2;H3BRI8;H3BM93;H3BPA9;H3BNN5;H3BV11;H3BP95;H3BVE2;H3BMX0;H3BRD9;H3BNG7;H3BV15	Nuclear pore complex protein Nup93	NUP93	0.001242191	0.00062587	0.000724392	9.12749E-05	6.82026E-05	1.52242E-05	0.067388551	0.013837049
Q9GZP4;Q9GZP4-2;X6R8S9;X6RH89	PITH domain-containing protein 1	PITHD1	0.029145645	0.037079629	0.029226453	0.000878681	0.000576419	0.000863004	0.02428561	0.000296178
Increased DAPs (unable to calculate fold change)										
M0QY25;Q86YD1-3;Q86YD1;M0QYH6;Q86YD1-2;M0QX53;M0QYQ4;M0QYH7	Prostate tumor-overexpressed gene 1 protein	PTOV1	0	0	0	0.00014901	0.000172923	0.000154773	#DIV/0!	2.50237E-05
Q9Y4L5	E3 ubiquitin-protein ligase RNF115	RNF115	0	0	0	0.000146559	0.000147379	0.000170087	#DIV/0!	3.64263E-05
Q9P1U0	DNA-directed RNA polymerase I subunit RPA12	ZNRD1	0	0	0	0.000606701	0.000782384	0.000592154	#DIV/0!	0.000416385
K7EPQ8;O75293	Growth arrest and DNA damage-inducible protein GADD45 beta	GADD45B	0	0	0	0.000178447	0.000245781	0.000235464	#DIV/0!	0.000464726
P11926	Ornithine decarboxylase	ODC1	0	0	0	0.000110362	7.27315E-05	8.81347E-05	#DIV/0!	0.001126215
Q15904;A6QRJ1;A6NLC6	V-type proton ATPase subunit S1	ATP6AP1	0	0	0	0.000194502	0.000125923	0.000168194	#DIV/0!	0.001231309
Q6IA86-4;Q6IA86-7;Q6IA86-2;Q6IA86-3;Q6IA86-5;Q6IA86;Q6IA86-6;F5GWY6;K7ER35;F5GYE9	Elongator complex protein 2	ELP2	0	0	0	8.20424E-05	4.32096E-05	7.06246E-05	#DIV/0!	0.004783455
C9JFE4;Q13098-5;Q13098;Q13098-7;Q13098-6;A0A096LP07;A0A096LPJ3;A8K070	COP9 signalosome complex subunit 1	GPS1	0	0	0	0.000122328	7.79692E-05	7.10584E-05	#DIV/0!	0.004892523
Q9NX31	Oxidative stress-responsive serine-rich protein 1	OSER1	0	0	0	0.000280599	0.000275951	0.000146315	#DIV/0!	0.005989881
B3KQ25;K7EPX6;K7EKR3;K7EMD0		PSME3	0	0	0	0.002857203	0.004392512	0.002334626	#DIV/0!	0.006637719
O14617-3;O14617-4;O14617-2;O14617;O14617-5;K7ELX8	AP-3 complex subunit delta-1	AP3D1	0	0	0	2.28074E-05	3.60338E-05	1.90152E-05	#DIV/0!	0.007327762
Q96S55-2;Q96S55;Q96S55-3;Q96S55-4	ATPase WRNIP1	WRNIP1	0	0	0	0.000565308	0.000277521	0.000595125	#DIV/0!	0.009081944
P05412	Transcription factor AP-1	JUN	0	0	0	0.000277794	0.000440014	0.000214671	#DIV/0!	0.009797891
Q5H909;Q9UNF1-2;Q9UNF1;Q5H907;A0A087X070;G5E9N2;Q12816-5;Q12816-2;Q12816-3;Q12816-4;Q12816	Melanoma-associated antigen D2	MAGED2	0	0	0	0.000267011	0.000173904	0.00012293	#DIV/0!	0.011197261
P62699	Protein yippee-like 5	YPEL5	0	0	0	0.000112111	0.000249257	0.000165584	#DIV/0!	0.01168806
O95782-2;O95782	AP-2 complex subunit alpha-1	AP2A1	0	0	0	0.00057692	0.000529582	0.001056278	#DIV/0!	0.012793463
Q5JXX2;A0A088AWL8;Q15014;Q5JXX1;Q5JXX6	Mortality factor 4-like protein 2	MORF4L2	0	0	0	0.000656981	0.000701855	0.000295216	#DIV/0!	0.012813999
Q9Y5V3;Q9Y5V3-2	Melanoma-associated antigen D1	MAGED1	0	0	0	1.43593E-05	2.77723E-05	1.44409E-05	#DIV/0!	0.013364276
Q9P2R7-2;Q9P2R7;Q5T9Q5	Succinyl-CoA ligase [ADP-forming] subunit beta, mitochondrial	SUCLA2	0	0	0	7.80564E-05	7.61164E-05	3.18977E-05	#DIV/0!	0.014674612
Q96RS6;Q96RS6-2;Q96RS6-2;E5RGX7	NudC domain-containing protein 1	NUDCD1	0	0	0	0.000457198	0.000336942	0.000182808	#DIV/0!	0.01484305
Q9UKX7-2;Q9UKX7;B0QY21	Nuclear pore complex protein Nup50	NUP50	0	0	0	5.39501E-05	2.7465E-05	6.97809E-05	#DIV/0!	0.015062947
A0A087WU53;Q9H0U3	Magnesium transporter protein 1	MAGT1	0	0	0	0.000274844	0.000363388	0.000661736	#DIV/0!	0.020788128
Q9NXW9-2;Q9NXW9	Alpha-ketoglutarate-dependent dioxygenase alkB homolog 4	ALKBH4	0	0	0	0.000177	0.00016782	0.000367214	#DIV/0!	0.021731315
B7Z5R6;Q14596-2;Q14596	Next to BRCA1 gene 1 protein	NBR1	0	0	0	2.60237E-05	1.97742E-05	4.87045E-05	#DIV/0!	0.023082771
F2Z3M0;E9PPN1;H0YCV5;Q8WW01-2;Q8WW01	tRNA-splicing endonuclease subunit Sen15	TSEN15	0	0	0	0.000197719	0.000640169	0.000585663	#DIV/0!	0.027110369
A0A087X2H1;Q9ULT8;G3V4V5;H0YJP0;H0YJD4	E3 ubiquitin-protein ligase HECTD1	HECTD1	0	0	0	3.26688E-05	1.62971E-05	1.12535E-05	#DIV/0!	0.036032049
F8VQW0;F8VX73;F8VPI1;F8W201;F8W086;F8VR05;F8VQQ5;F8VSI7;F8VVJ4;P55061;F8W1G3;F8VY06;P55061-2	Bax inhibitor 1	TMBIM6	0	0	0	0.013947603	0.005038311	0.006235802	#DIV/0!	0.039490172
Q7L5D6;Q7L5D6-2;C9JPA8;C9JHN8;C9JY46	Golgi to ER traffic protein 4 homolog	GET4	0	0	0	0.005069094	0.002288673	0.001804608	#DIV/0!	0.039836114
A0A087WWL9;A2AEA2;P10321;F6U0H7;Q31612;P30499;Q95604;F8W9Z8;Q09160	HLA class I histocompatibility antigen, Cw-7 alpha chain	HLA-C	0	0	0	0.001804206	0.001120828	0.000480794	#DIV/0!	0.041098862
Q14739;C9JXK0	Lamin-B receptor	LBR	0	0	0	4.26849E-05	0.00015531	0.000187549	#DIV/0!	0.042958728
Q9NX09	DNA damage-inducible transcript 4 protein	DDIT4	0	0	0	0.002517825	0.002704775	0.000616407	#DIV/0!	0.043356663
O14545;F8VNX8;F8VVF3;O14545-2;S4R2Z9;F8VWK2	TRAF-type zinc finger domain-containing protein 1	TRAFD1	0	0	0	0.00014407	0.000190366	0.000430067	#DIV/0!	0.045228152
O60701-2;O60701;D6RHF4;E9PBD2;E7ER95;E7ER83;E7ETF4;E7EV97;O60701-3	UDP-glucose 6-dehydrogenase	UGDH	0	0	0	2.55564E-05	2.79069E-05	7.0751E-05	#DIV/0!	0.047886552
Q96S82;H3BV23;H3BUV9;H3BSE0;H3BSQ2	Ubiquitin-like protein 7	UBL7	0	0	0	0.000278364	0.000100607	0.000108979	#DIV/0!	0.048376726
Decreased DAPs (Fold change = 0)										
A0A087WVM7;V9GYP5;A0A087WWQ2;Q92979	Ribosomal RNA small subunit methyltransferase NEP1	EMG1	7.77146E-05	6.25182E-05	9.72227E-05	0	0	0	0	0.001401875
Q5SRE5;Q5SRE5-2	Nucleoporin NUP188 homolog	NUP188	5.58983E-05	6.17395E-05	2.47034E-05	0	0	0	0	0.014526842
O60563-2;O60563	Cyclin-T1	CCNT1	0.000136768	7.57301E-05	4.97227E-05	0	0	0	0	0.027575189
Q8WXX5	DnaJ homolog subfamily C member 9	DNAJC9	7.06644E-05	0.000217788	0.000119902	0	0	0	0	0.034576615
P35658-2;P35658-4;P35658;P35658-3;P35658-5;H0YF36;H0Y837;H0YDS4;E9PKD2;B7ZAV2	Nuclear pore complex protein Nup214	NUP214	0.000175602	5.56479E-05	0.000256509	0	0	0	0	0.049488264