**Table S1. Significantly regulated proteins in U-251 cells measured by mass spectrometry.**

1. **Decreased proteins after VLX600 treatment**

|  |  |  |  |
| --- | --- | --- | --- |
| Protein names | Gene names | VLX/DMSO [log2] | -log10 adj. p-value |
| Cyclin-dependent kinase inhibitor 3 | CDKN3 | -2.865 | 6.769325553 |
| Acyl-CoA 6-desaturase | FADS2 | -2.651 | 9.439822508 |
| AN1-type zinc finger protein 5 | ZFAND5 | -2.523 | 7.561833436 |
| Tripartite motif-containing protein 44 | TRIM44 | -2.387 | 7.090422883 |
| Kinesin-like protein KIF20A | KIF20A | -2.306 | 10.44514361 |
| Cyclin-F | CCNF | -2.282 | 7.183408189 |
| Cyclin-dependent kinases regulatory subunit 2 | CKS2 | -2.214 | 10.05337289 |
| Serine/threonine-protein kinase PLK1 | PLK1 | -2.158 | 9.052763979 |
| Abnormal spindle-like microcephaly-associated protein | ASPM | -2.030 | 7.967328152 |
| G2/mitotic-specific cyclin-B1 | CCNB1 | -2.027 | 11.67551645 |
| Cell division control protein 6 homolog | CDC6 | -2.011 | 10.10455353 |
| CCAAT/enhancer-binding protein beta | CEBPB | -2.010 | 10.10455353 |
| Peptidase inhibitor 15 | PI15 | -1.946 | 3.960369001 |
| Ectoderm-neural cortex protein 1 | ENC1 | -1.925 | 10.50337867 |
| GTP-binding protein GEM | GEM | -1.881 | 7.160293898 |
| Neuropilin-2 | NRP2 | -1.862 | 5.218537521 |
| Histone HIST2H3PS2 | H3-2 | -1.861 | 6.690722454 |
| Nucleolar and spindle-associated protein 1 | NUSAP1 | -1.815 | 10.18158261 |
| Interleukin-7 receptor subunit alpha | IL7R | -1.800 | 3.836933568 |
| Centromere-associated protein E | CENPE | -1.751 | 11.14499335 |
| Transcription factor SOX-21 | SOX21 | -1.736 | 9.239703821 |
| Ubiquitin-conjugating enzyme E2 C | UBE2C | -1.722 | 9.289013301 |
| Methyl-CpG-binding domain protein 4 | MBD4 | -1.705 | 9.166653024 |
| Ubiquitin-conjugating enzyme E2 T | UBE2T | -1.685 | 9.305436847 |
| Transcription factor AP-4 | TFAP4 | -1.670 | 6.465198547 |
| 1,2-dihydroxy-3-keto-5-methylthiopentene dioxygenase | ADI1 | -1.634 | 9.668453941 |
| Origin recognition complex subunit 6 | ORC6 | -1.631 | 9.35587593 |
| Cell division cycle protein 20 homolog | CDC20 | -1.614 | 7.413062968 |
| G-protein-signaling modulator 2 | GPSM2 | -1.612 | 7.795467051 |
| Protein Spindly | SPDL1 | -1.602 | 9.729260187 |
| Serine/threonine-protein kinase Chk1 | CHEK1 | -1.525 | 9.034572586 |
| Small integral membrane protein 26 | SMIM26 | -1.501 | 4.540068933 |
| Sequestosome-1 | SQSTM1 | -1.491 | 10.10455353 |
| Fatty acid desaturase 3 | FADS3 | -1.474 | 6.640168769 |
| Proline-rich protein 11 | PRR11 | -1.429 | 7.561833436 |
| Sodium-coupled neutral amino acid transporter 2 | SLC38A2 | -1.427 | 6.121673938 |
| Testis-expressed protein 30 | TEX30 | -1.426 | 5.588129306 |
| Serine/threonine-protein kinase 17B | STK17B | -1.423 | 6.214199017 |
| SEC14 domain and spectrin repeat-containing protein 1 | SESTD1 | -1.423 | 5.199233608 |
| Aurora kinase A | AURKA | -1.399 | 10.54074784 |
| G2/mitotic-specific cyclin-B2 | CCNB2 | -1.390 | 8.45261833 |
| Adrenodoxin, mitochondrial | FDX1 | -1.389 | 7.413062968 |
| Transcription factor 12 | TCF12 | -1.383 | 6.861719878 |
| Protein Mis18-alpha | MIS18A | -1.382 | 8.567989481 |
| Signal transducer and activator of transcription 2 | STAT2 | -1.378 | 8.305712133 |
| Interferon-related developmental regulator 1 | IFRD1 | -1.375 | 7.92502521 |
| Trophinin | TRO | -1.374 | 2.549670541 |
| Zinc finger protein 706 | ZNF706 | -1.365 | 5.897399532 |
| Syndecan-2 | SDC2 | -1.341 | 9.493091777 |
| AN1-type zinc finger protein 6 | ZFAND6 | -1.333 | 7.777600419 |
| AT-rich interactive domain-containing protein 5B | ARID5B | -1.329 | 6.828655025 |
| Mitotic checkpoint serine/threonine-protein kinase BUB1 | BUB1 | -1.317 | 7.624255127 |
| Oxidative stress-induced growth inhibitor 1 | OSGIN1 | -1.298 | 7.369369644 |
| Kinesin-like protein KIF18A | KIF18A | -1.294 | 6.390348189 |
| Rho-related GTP-binding protein RhoE | RND3 | -1.289 | 7.729108201 |
| Cyclin-dependent kinase 4 | CDK4 | -1.285 | 10.03130181 |
| ATPase family AAA domain-containing protein 2 | ATAD2 | -1.249 | 7.891925129 |
| Serine/threonine-protein kinase RIO2 | RIOK2 | -1.245 | 7.434161673 |
| NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial | NDUFS1 | -1.241 | 5.690479744 |
| Kinetochore protein Nuf2 | NUF2 | -1.239 | 8.437908443 |
| Epsilon-sarcoglycan | SGCE | -1.232 | 6.692870065 |
| Box C/D snoRNA protein 1 | ZNHIT6 | -1.230 | 7.436248798 |
| Importin subunit alpha-1 | KPNA2 | -1.220 | 8.647550382 |
| Zinc finger protein 217 | ZNF217 | -1.208 | 9.711151914 |
| Ribosomal RNA processing protein 36 homolog | RRP36 | -1.208 | 7.447743527 |
| Glutamine synthetase | GLUL | -1.194 | 7.997667871 |
| Lymphoid-specific helicase | HELLS | -1.190 | 7.770516572 |
| Intermediate conductance calcium-activated potassium channel protein 4 | KCNN4 | -1.185 | 4.986299385 |
| Cell division cycle protein 123 homolog | CDC123 | -1.183 | 10.55494226 |
| Fractalkine | CX3CL1 | -1.171 | 4.787270565 |
| Probable dimethyladenosine transferase | DIMT1 | -1.170 | 7.990762129 |
| Cell adhesion molecule-related/down-regulated by oncogenes | CDON | -1.159 | 7.397367018 |
| DNA polymerase epsilon catalytic subunit A | POLE | -1.155 | 9.430849863 |
| Serine/threonine-protein kinase 17A | STK17A | -1.149 | 5.066749046 |
| Centrosomal protein of 57 kDa | CEP57 | -1.143 | 4.068324017 |
| Collagen alpha-2(I) chain | COL1A2 | -1.133 | 2.21799457 |
| Kinetochore protein NDC80 homolog | NDC80 | -1.124 | 9.729260187 |
| DNA-directed RNA polymerase III subunit RPC3 | POLR3C | -1.119 | 7.22579937 |
| E3 ubiquitin-protein ligase RNF216 | RNF216 | -1.117 | 5.044557109 |
| Lanosterol 14-alpha demethylase | CYP51A1 | -1.115 | 7.198662225 |
| Protein LTV1 homolog | LTV1 | -1.109 | 9.705821217 |
| Replication stress response regulator SDE2 | SDE2 | -1.106 | 4.842150955 |
| Transcription elongation factor A protein 2 | TCEA2 | -1.100 | 5.004872477 |
| PCNA-associated factor | PCLAF | -1.100 | 5.895016841 |
| Zinc finger protein 568 | ZNF568 | -1.092 | 5.230632371 |
| Solute carrier family 2, facilitated glucose transporter member 12 | SLC2A12 | -1.091 | 7.085791853 |
| NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 2 | NDUFA2 | -1.084 | 7.295741346 |
| Cip1-interacting zinc finger protein | CIZ1 | -1.083 | 7.295741346 |
| Aconitate hydratase, mitochondrial | ACO2 | -1.083 | 8.324081434 |
| Zinc finger protein 3 | ZNF3 | -1.081 | 5.619170021 |
| Centrosomal protein of 55 kDa | CEP55 | -1.070 | 6.16386232 |
| CUE domain-containing protein 2 | CUEDC2 | -1.063 | 7.497967072 |
| Fatty acyl-CoA reductase 1 | FAR1 | -1.063 | 8.304014304 |
| Centromere protein K | CENPK | -1.058 | 7.70368752 |
| Zinc finger protein ZXDC | ZXDC | -1.056 | 6.541257769 |
| Poly(A) RNA polymerase GLD2 | TENT2 | -1.055 | 4.00043082 |
| Cytoplasmic dynein 2 intermediate chain 2 | DYNC2I2 | -1.048 | 5.499360454 |
| (Lyso)-N-acylphosphatidylethanolamine lipase | ABHD4 | -1.046 | 6.178891857 |
| Uncharacterized protein C12orf45 | C12orf45 | -1.044 | 5.863657542 |
| Syndecan-1 | SDC1 | -1.043 | 7.350751669 |
| TATA box-binding protein-associated factor RNA polymerase I subunit D | TAF1D | -1.037 | 3.801805117 |
| Zinc finger protein 460 | ZNF460 | -1.031 | 2.492972949 |
| Aurora kinase B | AURKB | -1.030 | 8.635034626 |
| Disks large-associated protein 5 | DLGAP5 | -1.030 | 8.131100505 |
| NADH dehydrogenase [ubiquinone] iron-sulfur protein 7, mitochondrial | NDUFS7 | -1.026 | 5.260056988 |
| Folylpolyglutamate synthase, mitochondrial | FPGS | -1.025 | 6.454352709 |
| F-box/LRR-repeat protein 6 | FBXL6 | -1.020 | 7.269775068 |
| Fanconi anemia group D2 protein | FANCD2 | -1.010 | 8.590805278 |
| Cytochrome c oxidase subunit NDUFA4 | NDUFA4 | -1.003 | 4.605912419 |
| Neuropilin-1 | NRP1 | -1.000 | 2.31528048 |
| Akirin-2 | AKIRIN2 | -0.996 | 4.986558741 |
| Inner centromere protein | INCENP | -0.994 | 8.437908443 |
| H/ACA ribonucleoprotein complex non-core subunit NAF1 | NAF1 | -0.989 | 6.284247517 |
| Zinc finger CCHC domain-containing protein 9 | ZCCHC9 | -0.988 | 5.218492765 |
| NADH dehydrogenase [ubiquinone] flavoprotein 1, mitochondrial | NDUFV1 | -0.987 | 5.863657542 |
| Cell cycle progression protein 1 | CCPG1 | -0.971 | 6.049645676 |
| Elongator complex protein 2 | ELP2 | -0.970 | 5.778779278 |
| Ferritin light chain | FTL | -0.969 | 2.525314062 |
| Amyloid protein-binding protein 2 | APPBP2 | -0.967 | 6.447108004 |
| Laminin subunit beta-1 | LAMB1 | -0.960 | 5.432157516 |
| Retinoic acid receptor beta | RARB | -0.957 | 4.136659923 |
| Amyloid-like protein 2 | APLP2 | -0.955 | 6.179391279 |
| NF-kappa-B inhibitor-interacting Ras-like protein 1 | NKIRAS1 | -0.954 | 7.196737815 |
| Influenza virus NS1A-binding protein | IVNS1ABP | -0.953 | 2.059231787 |
| Centromere protein F | CENPF | -0.953 | 7.795467051 |
| Ribosome biogenesis protein NSA2 homolog | NSA2 | -0.950 | 8.311126703 |
| Elongator complex protein 3 | ELP3 | -0.947 | 9.428968644 |
| Small kinetochore-associated protein | KNSTRN | -0.939 | 6.60599698 |
| Zinc finger protein AEBP2 | AEBP2 | -0.939 | 5.553893303 |
| Holliday junction recognition protein | HJURP | -0.929 | 7.066935807 |
| Putative cytochrome b-c1 complex subunit Rieske-like protein 1 | UQCRFS1P1 | -0.928 | 4.985307341 |
| Zinc finger protein 281 | ZNF281 | -0.927 | 7.294566331 |
| Gap junction alpha-1 protein | GJA1 | -0.924 | 3.848434486 |
| Synphilin-1 | SNCAIP | -0.923 | 4.751809899 |
| Testis-specific Y-encoded-like protein 1 | TSPYL1 | -0.923 | 4.333468793 |
| Succinate dehydrogenase cytochrome b560 subunit, mitochondrial | SDHC | -0.921 | 6.890123774 |
| DNA-binding protein inhibitor ID-1 | ID1 | -0.920 | 1.654320178 |
| PWWP domain-containing DNA repair factor 3A | PWWP3A | -0.918 | 4.390635037 |
| Dual specificity protein kinase TTK | TTK | -0.914 | 5.713746128 |
| Translation machinery-associated protein 16 | TMA16 | -0.911 | 6.599166153 |
| Nucleotide exchange factor SIL1 | SIL1 | -0.906 | 3.439179258 |
| Mortality factor 4-like protein 1 | MORF4L1 | -0.906 | 7.821213691 |
| Transcriptional regulator Kaiso | ZBTB33 | -0.902 | 2.56291914 |
| CD320 antigen | CD320 | -0.902 | 5.434138568 |
| Zinc finger protein 106 | ZNF106 | -0.900 | 7.394589295 |
| Protein AF1q | MLLT11 | -0.899 | 2.065412185 |
| Protein FAM207A | FAM207A | -0.898 | 8.010097485 |
| Guanine nucleotide-binding protein-like 3 | GNL3 | -0.894 | 8.432224629 |
| NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 9, mitochondrial | NDUFA9 | -0.891 | 6.394755146 |
| Kelch-like protein 11 | KLHL11 | -0.889 | 3.5835631 |
| Wee1-like protein kinase | WEE1 | -0.886 | 4.580408377 |
| Protein FAM3C | FAM3C | -0.885 | 10.10455353 |
| Kelch domain-containing protein 2 | KLHDC2 | -0.878 | 4.324537276 |
| Signal transducer and activator of transcription 3 | STAT3 | -0.877 | 9.349500246 |
| Guanine nucleotide-binding protein-like 3-like protein | GNL3L | -0.876 | 5.555374462 |
| Speckle targeted PIP5K1A-regulated poly(A) polymerase | TUT1 | -0.872 | 9.239703821 |
| NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 7 | NDUFA7 | -0.864 | 3.547823246 |
| Gamma-aminobutyric acid receptor-associated protein-like 2 | GABARAPL2 | -0.864 | 2.821273952 |
| Uncharacterized protein C14orf119 | C14orf119 | -0.863 | 5.155844612 |
| Transforming growth factor beta-2 proprotein | TGFB2 | -0.854 | 3.543608291 |
| Protein PET100 homolog, mitochondrial | PET100 | -0.853 | 6.185042929 |
| Centromere protein H | CENPH | -0.850 | 6.33594569 |
| Zinc finger protein 593 | ZNF593 | -0.847 | 6.835994801 |
| SMC5-SMC6 complex localization factor protein 1 | SLF1 | -0.846 | 3.442764023 |
| Melanoma-associated antigen D1 | MAGED1 | -0.844 | 2.008269645 |
| CCAAT/enhancer-binding protein alpha | CEBPA | -0.842 | 3.462147938 |
| Mothers against decapentaplegic homolog 1 | SMAD1 | -0.842 | 5.90223802 |
| Follistatin-related protein 1 | FSTL1 | -0.839 | 5.955568942 |
| Tyrosyl-DNA phosphodiesterase 2 | TDP2 | -0.839 | 4.017199936 |
| Probable RNA-binding protein 23 | RBM23 | -0.836 | 7.85540833 |
| Small EDRK-rich factor 2 | SERF2 | -0.833 | 5.645145473 |
| Probable ATP-dependent RNA helicase DDX56 | DDX56 | -0.832 | 8.633306002 |
| Kelch-like protein 5 | KLHL5 | -0.827 | 4.523696959 |
| Forkhead box protein P4 | FOXP4 | -0.820 | 2.589514817 |
| Borealin | CDCA8 | -0.819 | 6.183464991 |
| Protein dispatched homolog 1 | DISP1 | -0.819 | 3.307801107 |
| Probable 18S rRNA (guanine-N(7))-methyltransferase | BUD23 | -0.819 | 5.001973961 |
| Kelch-like protein 15 | KLHL15 | -0.818 | 2.197291259 |
| Mortality factor 4-like protein 2 | MORF4L2 | -0.816 | 2.93280378 |
| Insulin-like growth factor-binding protein 7 | IGFBP7 | -0.815 | 2.859131759 |
| Cholinesterase | BCHE | -0.815 | 6.121673938 |
| DNA polymerase delta subunit 3 | POLD3 | -0.813 | 2.304158661 |
| Poly [ADP-ribose] polymerase 2 | PARP2 | -0.809 | 4.580473504 |
| DNA polymerase delta catalytic subunit | POLD1 | -0.807 | 4.385423403 |
| Transmembrane prolyl 4-hydroxylase | P4HTM | -0.805 | 6.217809703 |
| Angio-associated migratory cell protein | AAMP | -0.804 | 6.401543996 |
| Ethanolamine kinase 1 | ETNK1 | -0.803 | 4.262726041 |
| Protein regulator of cytokinesis 1 | PRC1 | -0.800 | 7.118013649 |
| Targeting protein for Xklp2 | TPX2 | -0.799 | 7.279305636 |
| Bystin | BYSL | -0.793 | 7.142925568 |
| Glycogenin-1 | GYG1 | -0.790 | 1.419382064 |
| Centromere protein I | CENPI | -0.790 | 5.897399532 |
| Hyaluronan mediated motility receptor | HMMR | -0.790 | 6.404461046 |
| Protein ecdysoneless homolog | ECD | -0.788 | 4.303067653 |
| Protein sel-1 homolog 3 | SEL1L3 | -0.787 | 5.323800771 |
| Protein SOGA1 | SOGA1 | -0.782 | 7.474885924 |
| RNA polymerase I-specific transcription initiation factor RRN3 | RRN3 | -0.777 | 1.757145814 |
| Slit homolog 2 protein | SLIT2 | -0.775 | 6.390348189 |
| Histone-lysine N-methyltransferase ASH1L | ASH1L | -0.772 | 4.100187581 |
| Pumilio homolog 3 | PUM3 | -0.772 | 8.635609074 |
| Sorting nexin-17 | SNX17 | -0.772 | 7.089624643 |
| Mitochondrial fission regulator 1 | MTFR1 | -0.770 | 4.739606719 |
| Choline kinase alpha | CHKA | -0.769 | 4.743761416 |
| DENN domain-containing protein 2B | DENND2B | -0.768 | 3.339895523 |
| Mitofusin-1 | MFN1 | -0.767 | 4.66783776 |
| U3 small nucleolar RNA-associated protein 14 homolog A | UTP14A | -0.766 | 6.295251946 |
| RAD51-associated protein 1 | RAD51AP1 | -0.766 | 5.004872477 |
| Ribosomal biogenesis factor | RBIS | -0.764 | 5.708188326 |
| Amyloid-beta precursor protein | APP | -0.763 | 4.10280359 |
| Mitochondrial inner membrane protein OXA1L | OXA1L | -0.757 | 6.787410904 |
| Exostosin-2 | EXT2 | -0.753 | 7.120992858 |
| 60S ribosomal protein L7-like 1 | RPL7L1 | -0.751 | 7.066935807 |
| RING finger protein 145 | RNF145 | -0.749 | 5.004872477 |
| Zinc finger protein 771 | ZNF771 | -0.747 | 2.907592183 |
| Ferritin heavy chain | FTH1 | -0.747 | 3.899144704 |
| Citron Rho-interacting kinase | CIT | -0.743 | 5.918675298 |
| Ubinuclein-1 | UBN1 | -0.741 | 2.46443842 |
| Fanconi anemia group I protein | FANCI | -0.740 | 7.729108201 |
| Centrosomal protein of 76 kDa | CEP76 | -0.739 | 3.535316212 |
| Transcription factor SOX-5 | SOX5 | -0.739 | 2.685138448 |
| Protein LLP homolog | LLPH | -0.738 | 4.025009561 |
| Cilia- and flagella-associated protein 298 | CFAP298 | -0.737 | 4.506504341 |
| Cytochrome c oxidase assembly factor 6 homolog | COA6 | -0.736 | 2.673887092 |
| Ubiquitin-conjugating enzyme E2 B | UBE2B | -0.735 | 1.617884066 |
| Programmed cell death protein 2 | PDCD2 | -0.734 | 2.513465691 |
| DNA topoisomerase 2-alpha | TOP2A | -0.731 | 7.417775381 |
| E3 ubiquitin-protein ligase Praja-2 | PJA2 | -0.731 | 3.38567178 |
| GrpE protein homolog 2, mitochondrial | GRPEL2 | -0.730 | 3.715801737 |
| Serine/threonine-protein kinase haspin | HASPIN | -0.730 | 3.046999621 |
| Exosome RNA helicase MTR4 | MTREX | -0.729 | 8.827150281 |
| Histone H1.2 | H1-2 | -0.725 | 4.142636287 |
| Replication termination factor 2 | RTF2 | -0.724 | 7.168441156 |
| Zinc finger protein 776 | ZNF776 | -0.724 | 2.074668662 |
| DNA-directed RNA polymerase II subunit RPB11-a | POLR2J | -0.724 | 5.933389386 |
| Metalloreductase STEAP1 | STEAP1 | -0.723 | 2.535646074 |
| Long-chain-fatty-acid--CoA ligase 4 | ACSL4 | -0.720 | 1.966879876 |
| Squalene monooxygenase | SQLE | -0.716 | 4.097694186 |
| Protein timeless homolog | TIMELESS | -0.715 | 4.823455449 |
| Cyclin-A2 | CCNA2 | -0.715 | 4.759516526 |
| Actin-related protein 8 | ACTR8 | -0.714 | 7.622487937 |
| E3 SUMO-protein ligase PIAS4 | PIAS4 | -0.714 | 3.297886087 |
| F-box/WD repeat-containing protein 11 | FBXW11 | -0.714 | 5.563266183 |
| Transcription factor Sp3 | SP3 | -0.714 | 2.638571212 |
| Inactive serine protease 35 | PRSS35 | -0.713 | 2.455783274 |
| Protein C19orf12 | C19orf12 | -0.713 | 1.637188197 |
| Glycosyltransferase 8 domain-containing protein 1 | GLT8D1 | -0.710 | 7.203303756 |
| Laminin subunit gamma-1 | LAMC1 | -0.710 | 4.841353168 |
| Succinate dehydrogenase assembly factor 3, mitochondrial | SDHAF3 | -0.710 | 4.561162994 |
| Kinesin-like protein KIF23 | KIF23 | -0.708 | 10.03130181 |
| Semaphorin-3A | SEMA3A | -0.703 | 3.636224669 |
| tRNA-splicing endonuclease subunit Sen34 | TSEN34 | -0.701 | 3.031347213 |
| E3 ubiquitin-protein ligase pellino homolog 2 | PELI2 | -0.698 | 2.832334899 |
| F-box only protein 32 | FBXO32 | -0.696 | 2.395305443 |
| NADH dehydrogenase [ubiquinone] iron-sulfur protein 4, mitochondrial | NDUFS4 | -0.696 | 3.278836771 |
| Arginase-2, mitochondrial | ARG2 | -0.694 | 1.748701158 |
| Discoidin domain-containing receptor 2 | DDR2 | -0.692 | 3.265430785 |
| DNA repair protein XRCC3 | XRCC3 | -0.692 | 2.636512228 |
| SHC SH2 domain-binding protein 1 | SHCBP1 | -0.691 | 6.625315654 |
| Zinc finger and BTB domain-containing protein 11 | ZBTB11 | -0.688 | 7.821213691 |
| Protein phosphatase 1 regulatory subunit 35 | PPP1R35 | -0.687 | 6.823937175 |
| Ribosome production factor 1 | RPF1 | -0.687 | 6.465198547 |
| DNA-directed RNA polymerase III subunit RPC6 | POLR3F | -0.686 | 4.81985744 |
| RNA-binding protein NOB1 | NOB1 | -0.685 | 6.241382916 |
| ORC ubiquitin ligase 1 | OBI1 | -0.684 | 5.118874231 |
| General transcription and DNA repair factor IIH helicase subunit XPD | ERCC2 | -0.684 | 7.821213691 |
| Transcription initiation factor TFIID subunit 7 | TAF7 | -0.681 | 7.355283437 |
| Chromobox protein homolog 6 | CBX6 | -0.680 | 1.395725561 |
| FLYWCH-type zinc finger-containing protein 1 | FLYWCH1 | -0.677 | 4.967797328 |
| Tax1-binding protein 1 | TAX1BP1 | -0.675 | 4.572199973 |
| Pre-B-cell leukemia transcription factor 1 | PBX1 | -0.674 | 5.535817005 |
| Proteasome maturation protein | POMP | -0.671 | 3.239294069 |
| Lon protease homolog 2, peroxisomal | LONP2 | -0.670 | 5.359476292 |
| Fragile X mental retardation syndrome-related protein 1 | FXR1 | -0.670 | 8.986814265 |
| Small subunit processome component 20 homolog | UTP20 | -0.667 | 6.995295199 |
| Sterol 26-hydroxylase, mitochondrial | CYP27A1 | -0.665 | 1.824407872 |
| Tectonic-3 | TCTN3 | -0.661 | 3.57379876 |
| NAD-dependent protein deacetylase sirtuin-1 | SIRT1 | -0.658 | 3.701068924 |
| Prolyl endopeptidase-like | PREPL | -0.658 | 6.447108004 |
| Kelch repeat and BTB domain-containing protein 7 | KBTBD7 | -0.657 | 2.617676919 |
| Kinesin-like protein KIF22 | KIF22 | -0.657 | 4.099599317 |
| COUP transcription factor 2 | NR2F2 | -0.655 | 3.141010537 |
| Uridine-cytidine kinase 2 | UCK2 | -0.655 | 3.425378155 |
| Cerebellar degeneration-related protein 2 | CDR2 | -0.652 | 1.556465731 |
| Oxidoreductase NAD-binding domain-containing protein 1 | OXNAD1 | -0.652 | 2.868140333 |
| STING ER exit protein | STEEP1 | -0.651 | 4.169123554 |
| PH domain leucine-rich repeat-containing protein phosphatase 1 | PHLPP1 | -0.650 | 4.633572656 |
| Ubiquitin carboxyl-terminal hydrolase 22 | USP22 | -0.650 | 6.60543387 |
| Cytochrome c oxidase subunit 7C, mitochondrial | COX7C | -0.649 | 5.433844573 |
| E3 ubiquitin-protein ligase PDZRN3 | PDZRN3 | -0.649 | 6.470575757 |
| Excitatory amino acid transporter 1 | SLC1A3 | -0.646 | 1.763757378 |
| NADH dehydrogenase [ubiquinone] iron-sulfur protein 8, mitochondrial | NDUFS8 | -0.646 | 4.468583842 |
| RNA-binding protein 5 | RBM5 | -0.643 | 6.915828598 |
| Kelch-like protein 13 | KLHL13 | -0.641 | 4.506504341 |
| Forkhead box protein G1 | FOXG1 | -0.640 | 3.734837909 |
| Probable RNA-binding protein 18 | RBM18 | -0.639 | 4.522059474 |
| Helicase-like transcription factor | HLTF | -0.638 | 9.009254909 |
| Cell division cycle-associated protein 2 | CDCA2 | -0.637 | 5.365352846 |
| Non-receptor tyrosine-protein kinase TYK2 | TYK2 | -0.634 | 7.294566331 |
| Ribosome biogenesis protein NOP53 | NOP53 | -0.634 | 3.598475334 |
| Leydig cell tumor 10 kDa protein homolog | C19orf53 | -0.633 | 4.811088115 |
| Transmembrane ascorbate-dependent reductase CYB561 | CYB561 | -0.633 | 2.185638557 |
| E3 ubiquitin-protein ligase HECTD1 | HECTD1 | -0.633 | 8.66336534 |
| Squalene synthase | FDFT1 | -0.632 | 2.33495251 |
| Lipopolysaccharide-induced tumor necrosis factor-alpha factor | LITAF | -0.629 | 2.873860189 |
| Terminal nucleotidyltransferase 4B | TENT4B | -0.629 | 4.790394566 |
| Electron transfer flavoprotein-ubiquinone oxidoreductase, mitochondrial | ETFDH | -0.629 | 3.427900212 |
| Mitochondrial import inner membrane translocase subunit Tim10 | TIMM10 | -0.628 | 5.067863196 |
| Galectin-3-binding protein | LGALS3BP | -0.628 | 4.541896566 |
| Heme transporter HRG1 | SLC48A1 | -0.626 | 1.694060342 |
| Mitochondrial import inner membrane translocase subunit Tim9 | TIMM9 | -0.625 | 1.699610983 |
| Transcription initiation factor IIB | GTF2B | -0.625 | 7.598647584 |
| Ubiquitin-conjugating enzyme E2 A | UBE2A | -0.624 | 1.52078306 |
| Probable ribosome biogenesis protein RLP24 | RSL24D1 | -0.622 | 4.394723324 |
| DNA-directed RNA polymerase III subunit RPC2 | POLR3B | -0.622 | 4.841734547 |
| Growth hormone-inducible transmembrane protein | GHITM | -0.619 | 5.730121614 |
| Dihydropyrimidine dehydrogenase [NADP(+)] | DPYD | -0.618 | 3.115447612 |
| Sodium bicarbonate transporter-like protein 11 | SLC4A11 | -0.618 | 1.861273526 |
| Sjoegren syndrome nuclear autoantigen 1 | SSNA1 | -0.617 | 2.152870055 |
| 28S ribosomal protein S29, mitochondrial | DAP3 | -0.617 | 7.207440834 |
| RNA-binding protein PNO1 | PNO1 | -0.615 | 7.652999013 |
| TIMELESS-interacting protein | TIPIN | -0.614 | 2.859760892 |
| Proline-rich protein 15 | PRR15 | -0.614 | 2.645036329 |
| Tetratricopeptide repeat protein 38 | TTC38 | -0.614 | 3.423257265 |
| Rac GTPase-activating protein 1 | RACGAP1 | -0.613 | 6.285616809 |
| Mitochondrial import inner membrane translocase subunit Tim23 | TIMM23 | -0.612 | 5.731650948 |
| Gametogenetin-binding protein 2 | GGNBP2 | -0.611 | 2.281533427 |
| RILP-like protein 1 | RILPL1 | -0.611 | 6.214199017 |
| Serum response factor-binding protein 1 | SRFBP1 | -0.609 | 4.778275836 |
| E3 ubiquitin-protein ligase TRIM22 | TRIM22 | -0.608 | 4.192931091 |
| Homeobox protein Hox-C10 | HOXC10 | -0.607 | 2.070697893 |
| DNA-directed RNA polymerase III subunit RPC7 | POLR3G | -0.607 | 2.830583443 |
| E3 ubiquitin-protein ligase UHRF1 | UHRF1 | -0.607 | 4.026327836 |
| Dachshund homolog 1 | DACH1 | -0.606 | 3.846479883 |
| Ferrochelatase, mitochondrial | FECH | -0.603 | 7.118013649 |
| MORF4 family-associated protein 1 | MRFAP1 | -0.602 | 3.255229927 |
| Serine protease FAM111A | FAM111A | -0.601 | 6.253697385 |
| TNF receptor-associated factor 4 | TRAF4 | -0.601 | 4.084093965 |
| Centrosomal protein of 192 kDa | CEP192 | -0.599 | 3.701799015 |
| Uracil-DNA glycosylase | UNG | -0.599 | 4.72473674 |
| Laminin subunit alpha-4 | LAMA4 | -0.599 | 7.170096394 |
| DNA-directed RNA polymerases I, II, and III subunit RPABC5 | POLR2L | -0.597 | 4.452431761 |
| Dimethyladenosine transferase 2, mitochondrial | TFB2M | -0.596 | 7.55741271 |
| Protein SDA1 homolog | SDAD1 | -0.596 | 4.303344876 |
| Hydroxymethylglutaryl-CoA synthase, cytoplasmic | HMGCS1 | -0.595 | 2.926428326 |
| NADH dehydrogenase [ubiquinone] iron-sulfur protein 3, mitochondrial | NDUFS3 | -0.594 | 7.116287728 |
| Werner syndrome ATP-dependent helicase | WRN | -0.594 | 8.635034626 |
| DNA primase small subunit | PRIM1 | -0.593 | 5.962425086 |
| Protein FAM83D | FAM83D | -0.592 | 4.080778271 |
| Telomeric repeat-binding factor 1 | TERF1 | -0.591 | 2.819049141 |
| DNA primase large subunit | PRIM2 | -0.590 | 6.98756143 |
| Desmoglein-2 | DSG2 | -0.590 | 2.934130257 |
| Cytochrome c oxidase subunit 6C | COX6C | -0.589 | 3.348706456 |
| TRPM8 channel-associated factor 1 | TCAF1 | -0.588 | 7.609253694 |
| Endonuclease III-like protein 1 | NTHL1 | -0.587 | 2.836830111 |
| BTB/POZ domain-containing protein KCTD3 | KCTD3 | -0.585 | 3.086906276 |
| E3 ubiquitin-protein ligase DTX3L | DTX3L | -0.585 | 6.000636113 |
| Protein BRAWNIN | BRAWNIN | -0.585 | 4.335284075 |
| Spindle and kinetochore-associated protein 3 | SKA3 | -0.584 | 4.483668118 |
| Probable ATP-dependent RNA helicase DHX37 | DHX37 | -0.583 | 6.728755158 |
| PH domain leucine-rich repeat-containing protein phosphatase 2 | PHLPP2 | -0.583 | 3.58475018 |
| Nectin-1 | NECTIN1 | -0.582 | 1.787980079 |
| NADH dehydrogenase [ubiquinone] iron-sulfur protein 5 | NDUFS5 | -0.582 | 5.489868038 |
| Succinate dehydrogenase [ubiquinone] iron-sulfur subunit, mitochondrial | SDHB | -0.581 | 6.655253402 |
| NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 5 | NDUFA5 | -0.581 | 5.225599201 |
| Tripartite motif-containing protein 26 | TRIM26 | -0.581 | 5.920058871 |
| Geminin | GMNN | -0.580 | 1.621002404 |
| DNA-directed RNA polymerases I, II, and III subunit RPABC4 | POLR2K | -0.580 | 2.794057197 |
| Transcription intermediary factor 1-alpha | TRIM24 | -0.579 | 4.200974343 |
| Mitochondrial folate transporter/carrier | SLC25A32 | -0.578 | 3.119227735 |
| Syntaxin-binding protein 4 | STXBP4 | -0.577 | 5.949000227 |
| Centromere protein M | CENPM | -0.575 | 2.723935169 |
| Sperm-associated antigen 5 | SPAG5 | -0.574 | 6.281481776 |
| RNA-binding motif protein, X-linked 2 | RBMX2 | -0.573 | 4.949954011 |
| Cytochrome c oxidase subunit 7A-related protein, mitochondrial | COX7A2L | -0.572 | 3.952473089 |
| Nucleolar GTP-binding protein 2 | GNL2 | -0.572 | 5.918952012 |
| Kinesin-like protein KIF14 | KIF14 | -0.572 | 6.411176086 |
| Beta-2-microglobulin | B2M | -0.571 | 2.786774627 |
| NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 13 | NDUFA13 | -0.569 | 5.574993624 |
| Intraflagellar transport protein 122 homolog | IFT122 | -0.569 | 3.479303185 |
| Stonin-1 | STON1 | -0.568 | 3.344013518 |
| Multimerin-2 | MMRN2 | -0.567 | 4.16685652 |
| Ephrin type-B receptor 4 | EPHB4 | -0.567 | 3.655419664 |
| Kelch repeat and BTB domain-containing protein 6 | KBTBD6 | -0.564 | 1.553008123 |
| NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 11 | NDUFA11 | -0.564 | 2.034553161 |
| Eukaryotic elongation factor 2 kinase | EEF2K | -0.563 | 3.563544494 |
| G patch domain-containing protein 4 | GPATCH4 | -0.562 | 4.200194767 |
| Ras GTPase-activating-like protein IQGAP3 | IQGAP3 | -0.560 | 6.951536012 |
| Putative methyltransferase C9orf114 | SPOUT1 | -0.559 | 4.017199936 |
| Small integral membrane protein 12 | SMIM12 | -0.559 | 2.185638557 |
| Transmembrane protein 141 | TMEM141 | -0.557 | 1.410537142 |
| Small vasohibin-binding protein | SVBP | -0.557 | 1.774317028 |
| Nucleolar complex protein 4 homolog | NOC4L | -0.556 | 5.759221008 |
| Signal-induced proliferation-associated 1-like protein 2 | SIPA1L2 | -0.555 | 1.461680687 |
| Cytochrome b-c1 complex subunit 9 | UQCR10 | -0.555 | 5.420432389 |
| ATPase family AAA domain-containing protein 5 | ATAD5 | -0.555 | 4.938730565 |
| Breast cancer type 2 susceptibility protein | BRCA2 | -0.555 | 3.952463741 |
| Fidgetin-like protein 1 | FIGNL1 | -0.553 | 3.122948764 |
| Protein mono-ADP-ribosyltransferase PARP4 | PARP4 | -0.553 | 3.458335973 |
| Tetratricopeptide repeat protein 4 | TTC4 | -0.553 | 6.60410543 |
| THAP domain-containing protein 1 | THAP1 | -0.552 | 3.337773443 |
| Translation machinery-associated protein 7 | TMA7 | -0.552 | 3.154735957 |
| Transcription initiation factor TFIID subunit 9 | TAF9 | -0.552 | 1.826105982 |
| Zinc finger protein 462 | ZNF462 | -0.549 | 4.501516561 |
| Frizzled-6 | FZD6 | -0.549 | 3.7199912 |
| Golgi membrane protein 1 | GOLM1 | -0.548 | 3.451432676 |
| Protein MAK16 homolog | MAK16 | -0.547 | 5.349924977 |
| BRCA1-associated ATM activator 1 | BRAT1 | -0.546 | 5.74983347 |
| 28S ribosomal protein S23, mitochondrial | MRPS23 | -0.545 | 5.834319372 |
| Nucleolar protein 16 | NOP16 | -0.544 | 6.884929825 |
| Folliculin-interacting protein 1 | FNIP1 | -0.544 | 4.798871596 |
| DNA mismatch repair protein Mlh1 | MLH1 | -0.543 | 6.944568919 |
| Zinc finger protein 22 | ZNF22 | -0.543 | 3.893300224 |
| Nuclear distribution protein nudE-like 1 | NDEL1 | -0.543 | 2.565967792 |
| Regulator of G-protein signaling 12 | RGS12 | -0.543 | 2.909829814 |
| ATP-dependent RNA helicase DHX8 | DHX8 | -0.543 | 6.121673938 |
| AMME syndrome candidate gene 1 protein | AMMECR1 | -0.542 | 2.512387975 |
| Ubiquitin carboxyl-terminal hydrolase 1 | USP1 | -0.541 | 3.188653833 |
| Chromodomain-helicase-DNA-binding protein 8 | CHD8 | -0.540 | 5.446214132 |
| Gem-associated protein 6 | GEMIN6 | -0.540 | 2.435754672 |
| Protein prenyltransferase alpha subunit repeat-containing protein 1 | PTAR1 | -0.540 | 4.540578777 |
| Protein PRR14L | PRR14L | -0.539 | 1.973677396 |
| Centromere protein W | CENPW | -0.538 | 4.43599574 |
| Actin-related protein 6 | ACTR6 | -0.537 | 5.340129026 |
| Surfeit locus protein 1 | SURF1 | -0.536 | 3.327882668 |
| FERM domain-containing protein 3 | FRMD3 | -0.535 | 1.434790426 |
| Histone acetyltransferase p300 | EP300 | -0.534 | 3.633037267 |
| Enhancer of filamentation 1 | NEDD9 | -0.533 | 2.474149935 |
| Protocadherin gamma-B1 | PCDHGB1 | -0.533 | 3.064001339 |
| Dickkopf-related protein 2 | DKK2 | -0.532 | 1.64265325 |
| Glutamyl-tRNA(Gln) amidotransferase subunit A, mitochondrial | QRSL1 | -0.532 | 5.907916764 |
| Poly(A) polymerase gamma | PAPOLG | -0.530 | 2.468766007 |
| Alpha-protein kinase 2 | ALPK2 | -0.530 | 2.339295929 |
| MKI67 FHA domain-interacting nucleolar phosphoprotein | NIFK | -0.529 | 5.706968637 |
| Activating transcription factor 7-interacting protein 1 | ATF7IP | -0.528 | 3.239665954 |
| DNA polymerase delta subunit 2 | POLD2 | -0.528 | 5.863657542 |
| Transcription factor 25 | TCF25 | -0.527 | 3.54355264 |
| 28S ribosomal protein S2, mitochondrial | MRPS2 | -0.526 | 5.087692214 |
| Metalloreductase STEAP2 | STEAP2 | -0.526 | 1.785166882 |
| Zinc finger transcription factor Trps1 | TRPS1 | -0.525 | 7.038536087 |
| Zinc finger protein 609 | ZNF609 | -0.525 | 5.902831346 |
| Protection of telomeres protein 1 | POT1 | -0.525 | 5.68196967 |
| SUN domain-containing protein 2 | SUN2 | -0.524 | 3.926608085 |
| RNA-binding protein 47 | RBM47 | -0.524 | 2.474597735 |
| Mothers against decapentaplegic homolog 2 | SMAD2 | -0.524 | 2.661451586 |
| Ecto-NOX disulfide-thiol exchanger 1 | ENOX1 | -0.523 | 1.908204832 |
| Centrosomal protein POC5 | POC5 | -0.522 | 3.235392312 |
| Cell division cycle-associated protein 3 | CDCA3 | -0.521 | 1.322727637 |
| Probable ATP-dependent RNA helicase DDX47 | DDX47 | -0.520 | 3.526953747 |
| Probable ATP-dependent RNA helicase DDX27 | DDX27 | -0.518 | 7.109089496 |
| Probable ATP-dependent RNA helicase DDX49 | DDX49 | -0.514 | 3.566755015 |
| Dihydrofolate reductase | DHFR | -0.514 | 2.056440293 |
| 28S ribosomal protein S7, mitochondrial | MRPS7 | -0.514 | 5.359476292 |
| THAP domain-containing protein 11 | THAP11 | -0.513 | 4.938730565 |
| Muskelin | MKLN1 | -0.512 | 4.74567159 |
| DNA-directed RNA polymerase II subunit RPB2 | POLR2B | -0.511 | 7.434161673 |
| Mitochondrial basic amino acids transporter | SLC25A29 | -0.511 | 1.710762741 |
| Ubiquitin carboxyl-terminal hydrolase 33 | USP33 | -0.511 | 3.012988173 |
| Transcription initiation factor TFIID subunit 10 | TAF10 | -0.511 | 5.846497666 |
| Microspherule protein 1 | MCRS1 | -0.511 | 2.877802755 |
| Myocardin-related transcription factor A | MRTFA | -0.509 | 2.179551521 |
| Cyclin-dependent kinases regulatory subunit 1 | CKS1B | -0.507 | 4.017199936 |
| tRNA-dihydrouridine(16/17) synthase [NAD(P)(+)]-like | DUS1L | -0.506 | 3.450494018 |
| 12S rRNA N4-methylcytidine (m4C) methyltransferase | METTL15 | -0.506 | 2.866959615 |
| Trafficking protein particle complex subunit 4 | TRAPPC4 | -0.504 | 5.420432389 |
| Vacuolar fusion protein CCZ1 homolog B | CCZ1B | -0.502 | 6.556973044 |
| 28S ribosomal protein S12, mitochondrial | MRPS12 | -0.502 | 2.240122144 |
| Probable E3 ubiquitin-protein ligase DTX2 | DTX2 | -0.502 | 3.049716722 |
| Tetraspanin-3 | TSPAN3 | -0.500 | 2.626076993 |
| Bromodomain adjacent to zinc finger domain protein 1A | BAZ1A | -0.500 | 8.30553365 |
| Leucine-rich repeat-containing protein 42 | LRRC42 | -0.498 | 2.95884276 |
| Telomere length regulation protein TEL2 homolog | TELO2 | -0.497 | 6.509809852 |
| Transcription factor E2-alpha | TCF3 | -0.497 | 3.245180803 |
| Integral membrane protein 2B | ITM2B | -0.496 | 1.584556529 |
| Plasma alpha-L-fucosidase | FUCA2 | -0.495 | 5.132839201 |
| Protein C1orf43 | C1orf43 | -0.494 | 3.801805117 |
| ATPase family AAA domain-containing protein 2B | ATAD2B | -0.493 | 1.377627156 |
| DNA (cytosine-5)-methyltransferase 1 | DNMT1 | -0.493 | 4.543263665 |
| RNA-binding protein 45 | RBM45 | -0.493 | 2.421869462 |
| Nucleolar protein 14 | NOP14 | -0.490 | 5.975767283 |
| Butyrophilin subfamily 3 member A1 | BTN3A1 | -0.489 | 2.088186006 |
| RING finger and CHY zinc finger domain-containing protein 1 | RCHY1 | -0.489 | 2.696868847 |
| Serine protease FAM111B | FAM111B | -0.488 | 2.896205458 |
| E3 ubiquitin-protein ligase TRIP12 | TRIP12 | -0.483 | 4.700804937 |
| Thyroid transcription factor 1-associated protein 26 | CCDC59 | -0.483 | 2.237160965 |
| Thioredoxin domain-containing protein 9 | TXNDC9 | -0.483 | 6.114219437 |
| Receptor-type tyrosine-protein phosphatase kappa | PTPRK | -0.483 | 4.832311131 |
| NEDD8 ultimate buster 1 | NUB1 | -0.483 | 5.390500525 |
| CGG triplet repeat-binding protein 1 | CGGBP1 | -0.482 | 4.716198657 |
| HEAT repeat-containing protein 5A | HEATR5A | -0.482 | 3.819731315 |
| ATP synthase subunit epsilon-like protein, mitochondrial | ATP5F1EP2 | -0.481 | 2.540615364 |
| UDP-N-acetylglucosamine--peptide N-acetylglucosaminyltransferase 110 kDa subunit | OGT | -0.481 | 7.475963119 |
| Vascular endothelial zinc finger 1 | VEZF1 | -0.480 | 3.236961615 |
| 39S ribosomal protein L33, mitochondrial | MRPL33 | -0.479 | 2.783386021 |
| Methylmalonyl-CoA mutase, mitochondrial | MMUT | -0.478 | 3.87198623 |
| Cytochrome c oxidase subunit 4 isoform 1, mitochondrial | COX4I1 | -0.477 | 4.592666442 |
| DNA-directed RNA polymerase III subunit RPC1 | POLR3A | -0.476 | 5.688692721 |
| FAST kinase domain-containing protein 2, mitochondrial | FASTKD2 | -0.475 | 4.89095528 |
| Protocadherin Fat 1 | FAT1 | -0.475 | 4.39214359 |
| Zinc phosphodiesterase ELAC protein 2 | ELAC2 | -0.474 | 7.777600419 |
| Sterol regulatory element-binding protein 2 | SREBF2 | -0.473 | 2.455840082 |
| Protein SON | SON | -0.472 | 6.178891857 |
| Histone chaperone ASF1A | ASF1A | -0.472 | 4.56625848 |
| DnaJ homolog subfamily B member 14 | DNAJB14 | -0.471 | 5.267362257 |
| Lysine-specific histone demethylase 1B | KDM1B | -0.471 | 3.356184811 |
| Importin-8 | IPO8 | -0.471 | 3.652135555 |
| Zinc finger and BTB domain-containing protein 9 | ZBTB9 | -0.470 | 1.748701158 |
| DNA-directed RNA polymerase II subunit RPB3 | POLR2C | -0.470 | 5.097703144 |
| Pogo transposable element with KRAB domain | POGK | -0.470 | 2.299231545 |
| 2-(3-amino-3-carboxypropyl)histidine synthase subunit 1 | DPH1 | -0.469 | 3.356184811 |
| Mini-chromosome maintenance complex-binding protein | MCMBP | -0.468 | 3.572451978 |
| Angiomotin-like protein 2 | AMOTL2 | -0.468 | 3.089295762 |
| Protein-tyrosine sulfotransferase 1 | TPST1 | -0.468 | 3.451057686 |
| Probable phospholipid-transporting ATPase IIB | ATP9B | -0.467 | 1.300037793 |
| Zinc finger HIT domain-containing protein 3 | ZNHIT3 | -0.467 | 1.330078345 |
| Abasic site processing protein HMCES | HMCES | -0.467 | 3.658445486 |
| S-adenosylmethionine synthase isoform type-2 | MAT2A | -0.466 | 8.58834974 |
| Cytochrome c oxidase assembly protein COX15 homolog | COX15 | -0.465 | 5.876573327 |
| Transcription factor ETV6 | ETV6 | -0.462 | 2.191231078 |
| Neuronal cell adhesion molecule | NRCAM | -0.462 | 1.36846222 |
| Ataxin-10 | ATXN10 | -0.461 | 6.630411354 |
| Anaphase-promoting complex subunit 7 | ANAPC7 | -0.460 | 6.404461046 |
| Cyclic AMP-dependent transcription factor ATF-7 | ATF7 | -0.460 | 4.48914414 |
| Transcription termination factor 3, mitochondrial | MTERF3 | -0.459 | 4.119306985 |
| Zinc finger protein 48 | ZNF48 | -0.459 | 2.172783784 |
| TNF receptor-associated factor 5 | TRAF5 | -0.459 | 3.820810512 |
| Leucine-rich repeats and immunoglobulin-like domains protein 1 | LRIG1 | -0.458 | 3.522906759 |
| U3 small nucleolar RNA-associated protein 4 homolog | UTP4 | -0.458 | 5.240774611 |
| Tyrosine-protein kinase JAK1 | JAK1 | -0.457 | 3.817967943 |
| Nucleolar GTP-binding protein 1 | GTPBP4 | -0.457 | 4.958297994 |
| Protein SPT2 homolog | SPTY2D1 | -0.457 | 6.470575757 |
| Centrosomal protein of 41 kDa | CEP41 | -0.456 | 4.330334832 |
| C-Maf-inducing protein | CMIP | -0.456 | 4.327192184 |
| Rho guanine nucleotide exchange factor 2 | ARHGEF2 | -0.456 | 1.574704159 |
| Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A beta isoform | PPP2R1B | -0.455 | 2.15367319 |
| Pre-mRNA-splicing factor 18 | PRPF18 | -0.455 | 3.806722566 |
| Small integral membrane protein 20 | SMIM20 | -0.454 | 1.825416551 |
| Cyclin-dependent kinase 17 | CDK17 | -0.454 | 3.743982577 |
| Breast cancer type 1 susceptibility protein | BRCA1 | -0.453 | 1.365775587 |
| U3 small nucleolar RNA-associated protein 18 homolog | UTP18 | -0.453 | 5.287766144 |
| Ubiquitin-conjugating enzyme E2 S | UBE2S | -0.452 | 2.151221497 |
| DNA polymerase epsilon subunit 4 | POLE4 | -0.451 | 3.605877027 |
| Uncharacterized protein C11orf98 | C11orf98 | -0.449 | 2.932499778 |
| CD276 antigen | CD276 | -0.449 | 1.45086736 |
| mRNA-decapping enzyme 1B | DCP1B | -0.448 | 3.715104995 |
| Smad nuclear-interacting protein 1 | SNIP1 | -0.448 | 2.314885655 |
| Bromodomain-containing protein 8 | BRD8 | -0.447 | 5.74884833 |
| Aldo-keto reductase family 1 member C1 | AKR1C1 | -0.447 | 3.397268591 |
| Transcription initiation factor TFIID subunit 9B | TAF9B | -0.447 | 4.332013694 |
| Fas apoptotic inhibitory molecule 1 | FAIM | -0.446 | 2.978101378 |
| RING-type E3 ubiquitin-protein ligase PPIL2 | PPIL2 | -0.445 | 4.307358249 |
| Trophoblast glycoprotein | TPBG | -0.444 | 3.636541784 |
| Bifunctional methylenetetrahydrofolate dehydrogenase/cyclohydrolase, mitochondrial | MTHFD2 | -0.444 | 3.938714323 |
| RNA cytidine acetyltransferase | NAT10 | -0.443 | 4.875373831 |
| U8 snoRNA-decapping enzyme | NUDT16 | -0.443 | 5.240774611 |
| Mitochondrial fission regulator 2 | MTFR2 | -0.443 | 2.310295581 |
| Gamma-butyrobetaine dioxygenase | BBOX1 | -0.443 | 1.514112515 |
| Trafficking protein particle complex subunit 5 | TRAPPC5 | -0.442 | 1.565128568 |
| Transcription intermediary factor 1-beta | TRIM28 | -0.442 | 1.648933093 |
| Complex I assembly factor TIMMDC1, mitochondrial | TIMMDC1 | -0.441 | 3.191988207 |
| Putative postmeiotic segregation increased 2-like protein 11 | PMS2P11 | -0.441 | 2.112253544 |
| Zinc finger E-box-binding homeobox 1 | ZEB1 | -0.439 | 4.000722766 |
| Glypican-1 | GPC1 | -0.439 | 1.833118583 |
| Myeloid leukemia factor 2 | MLF2 | -0.439 | 2.602493144 |
| Ribosomal RNA small subunit methyltransferase NEP1 | EMG1 | -0.438 | 3.632865971 |
| Trafficking protein particle complex subunit 13 | TRAPPC13 | -0.437 | 4.060964813 |
| Transformation/transcription domain-associated protein | TRRAP | -0.437 | 6.740371621 |
| Leukocyte receptor cluster member 1 | LENG1 | -0.437 | 1.754564093 |
| Coiled-coil domain-containing protein 137 | CCDC137 | -0.436 | 4.281787587 |
| 28S ribosomal protein S27, mitochondrial | MRPS27 | -0.436 | 4.313003629 |
| Anaphase-promoting complex subunit CDC26 | CDC26 | -0.435 | 2.968013875 |
| Plexin-A2 | PLXNA2 | -0.433 | 1.4147884 |
| CDGSH iron-sulfur domain-containing protein 1 | CISD1 | -0.433 | 2.836421287 |
| Phosphoenolpyruvate carboxykinase [GTP], mitochondrial | PCK2 | -0.432 | 2.627371195 |
| Chromosome-associated kinesin KIF4A | KIF4A | -0.432 | 4.956537325 |
| SOSS complex subunit C | INIP | -0.432 | 3.220702629 |
| Putative coiled-coil-helix-coiled-coil-helix domain-containing protein CHCHD2P9, mitochondrial | CHCHD2P9 | -0.431 | 1.76156624 |
| MAX gene-associated protein | MGA | -0.429 | 3.415477928 |
| Crooked neck-like protein 1 | CRNKL1 | -0.428 | 3.356105151 |
| General transcription factor IIH subunit 2 | GTF2H2 | -0.428 | 1.418571229 |
| Progesterone-induced-blocking factor 1 | PIBF1 | -0.427 | 3.517420662 |
| Centrosomal protein of 135 kDa | CEP135 | -0.427 | 3.834111527 |
| Sulfiredoxin-1 | SRXN1 | -0.427 | 1.904379356 |
| Protein FRG1 | FRG1 | -0.427 | 2.285228111 |
| Uncharacterized protein C7orf26 | C7orf26 | -0.426 | 1.326669198 |
| DnaJ homolog subfamily B member 4 | DNAJB4 | -0.425 | 2.792782796 |
| Multifunctional methyltransferase subunit TRM112-like protein | TRMT112 | -0.425 | 3.297886087 |
| Cysteine-rich PDZ-binding protein | CRIPT | -0.423 | 2.095873489 |
| Transcription factor AP-2-alpha | TFAP2A | -0.423 | 2.655382744 |
| Nascent polypeptide-associated complex subunit alpha, muscle-specific form | NACA | -0.423 | 4.131055787 |
| NADH dehydrogenase [ubiquinone] iron-sulfur protein 2, mitochondrial | NDUFS2 | -0.421 | 4.561625316 |
| Nidogen-1 | NID1 | -0.420 | 1.528117572 |
| NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 3 | NDUFB3 | -0.420 | 2.778904916 |
| DNA-directed RNA polymerase II subunit RPB4 | POLR2D | -0.420 | 1.461539436 |
| Ferroptosis suppressor protein 1 | AIFM2 | -0.419 | 5.53602297 |
| Krueppel-like factor 16 | KLF16 | -0.418 | 2.919623068 |
| YEATS domain-containing protein 4 | YEATS4 | -0.417 | 4.763830268 |
| Nucleolar protein 7 | NOL7 | -0.416 | 5.123526345 |
| Checkpoint protein HUS1 | HUS1 | -0.416 | 3.263798854 |
| Proteasome assembly chaperone 1 | PSMG1 | -0.416 | 6.121673938 |
| Tetratricopeptide repeat protein 17 | TTC17 | -0.416 | 3.556546306 |
| Cytoskeleton-associated protein 2 | CKAP2 | -0.416 | 2.251071853 |
| Transcription initiation factor TFIID subunit 12 | TAF12 | -0.415 | 3.631598999 |
| Cytochrome c oxidase subunit 5A, mitochondrial | COX5A | -0.414 | 3.901236131 |
| DDB1- and CUL4-associated factor 8 | DCAF8 | -0.414 | 4.562015044 |
| Mediator of RNA polymerase II transcription subunit 27 | MED27 | -0.414 | 1.641501667 |
| Centrin-2 | CETN2 | -0.414 | 1.68493227 |
| E3 ubiquitin-protein ligase RNF167 | RNF167 | -0.414 | 2.091678262 |
| Intraflagellar transport protein 74 homolog | IFT74 | -0.413 | 2.329150637 |
| Transmembrane protein 248 | TMEM248 | -0.412 | 1.643508219 |
| Major prion protein | PRNP | -0.412 | 3.34714947 |
| Cyclin-dependent kinase 7 | CDK7 | -0.412 | 5.785792428 |
| tRNA:m(4)X modification enzyme TRM13 homolog | TRMT13 | -0.412 | 2.292326307 |
| Kinetochore protein Spc25 | SPC25 | -0.412 | 5.146852377 |
| Transcription factor Dp-1 | TFDP1 | -0.412 | 2.825185921 |
| Protein TASOR | TASOR | -0.411 | 4.261373529 |
| Ankyrin repeat and MYND domain-containing protein 2 | ANKMY2 | -0.410 | 2.765402951 |
| tRNA-dihydrouridine(20) synthase [NAD(P)+]-like | DUS2 | -0.410 | 5.042037665 |
| Epidermal growth factor receptor kinase substrate 8 | EPS8 | -0.410 | 1.775849003 |
| Ubiquitin-conjugating enzyme E2 J2 | UBE2J2 | -0.410 | 2.10038789 |
| ARL14 effector protein | ARL14EP | -0.409 | 2.139861961 |
| Trimethylguanosine synthase | TGS1 | -0.409 | 2.659384856 |
| E3 ubiquitin-protein ligase BRE1B | RNF40 | -0.409 | 5.532714504 |
| ZW10 interactor | ZWINT | -0.409 | 3.288251578 |
| SH3KBP1-binding protein 1 | SHKBP1 | -0.409 | 3.166558686 |
| All trans-polyprenyl-diphosphate synthase PDSS1 | PDSS1 | -0.409 | 2.374202746 |
| U3 small nucleolar ribonucleoprotein protein IMP3 | IMP3 | -0.408 | 2.464215537 |
| WD repeat-containing protein 74 | WDR74 | -0.408 | 1.654087589 |
| 28S ribosomal protein S24, mitochondrial | MRPS24 | -0.408 | 3.841098125 |
| Asparagine synthetase [glutamine-hydrolyzing] | ASNS | -0.408 | 2.492972949 |
| Mitochondrial mRNA pseudouridine synthase TRUB2 | TRUB2 | -0.407 | 4.200974343 |
| Alternative protein MKKS | MKKS | -0.407 | 1.561570055 |
| Vacuolar protein sorting-associated protein 72 homolog | VPS72 | -0.407 | 3.51907371 |
| 28S ribosomal protein S16, mitochondrial | MRPS16 | -0.406 | 1.992009489 |
| Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial | SDHA | -0.404 | 5.810783044 |
| Transcription factor BTF3 | BTF3 | -0.404 | 5.258998977 |
| Isopentenyl-diphosphate Delta-isomerase 1 | IDI1 | -0.404 | 3.139556363 |
| DNA replication ATP-dependent helicase/nuclease DNA2 | DNA2 | -0.403 | 3.253562404 |
| 39S ribosomal protein L13, mitochondrial | MRPL13 | -0.403 | 3.356105151 |
| Mitotic spindle assembly checkpoint protein MAD2A | MAD2L1 | -0.403 | 4.878054686 |
| Calcium-binding and coiled-coil domain-containing protein 2 | CALCOCO2 | -0.403 | 3.315258818 |
| Pre-mRNA-splicing factor SYF1 | XAB2 | -0.403 | 5.004230189 |
| UL16-binding protein 3 | ULBP3 | -0.402 | 2.101910341 |
| 39S ribosomal protein L32, mitochondrial | MRPL32 | -0.402 | 1.940072424 |
| Fasciculation and elongation protein zeta-2 | FEZ2 | -0.402 | 4.083756603 |
| DDB1- and CUL4-associated factor 13 | DCAF13 | -0.402 | 4.81985744 |
| TATA box-binding protein-associated factor RNA polymerase I subunit C | TAF1C | -0.400 | 5.173754605 |
| Ribosome biogenesis protein BMS1 homolog | BMS1 | -0.399 | 5.330175413 |
| Riboflavin kinase | RFK | -0.399 | 2.385444085 |
| Versican core protein | VCAN | -0.399 | 3.111256244 |
| Acidic fibroblast growth factor intracellular-binding protein | FIBP | -0.398 | 2.81424715 |
| Protein FAM76A | FAM76A | -0.398 | 2.165612477 |
| Cyclin-H | CCNH | -0.398 | 4.260609362 |
| Integrator complex subunit 11 | INTS11 | -0.397 | 4.294764181 |
| LIM domain-binding protein 1 | LDB1 | -0.396 | 2.755409813 |
| DnaJ homolog subfamily A member 1 | DNAJA1 | -0.395 | 3.70846213 |
| Zinc finger X-chromosomal protein | ZFX | -0.395 | 4.789762534 |
| Protein TANC1 | TANC1 | -0.394 | 2.244286501 |
| Vang-like protein 1 | VANGL1 | -0.394 | 3.405552761 |
| Growth factor receptor-bound protein 10 | GRB10 | -0.394 | 1.417363325 |
| ATP-dependent zinc metalloprotease YME1L1 | YME1L1 | -0.393 | 6.310990958 |
| p21-activated protein kinase-interacting protein 1 | PAK1IP1 | -0.393 | 2.864396055 |
| Kinase D-interacting substrate of 220 kDa | KIDINS220 | -0.393 | 1.793004651 |
| DNA replication complex GINS protein PSF2 | GINS2 | -0.392 | 2.645525601 |
| OCIA domain-containing protein 1 | OCIAD1 | -0.391 | 3.819731315 |
| Mesoderm induction early response protein 3 | MIER3 | -0.390 | 3.281782819 |
| RNA-binding protein 42 | RBM42 | -0.390 | 3.412477401 |
| FAST kinase domain-containing protein 3, mitochondrial | FASTKD3 | -0.390 | 2.473179094 |
| Condensin-2 complex subunit D3 | NCAPD3 | -0.390 | 4.161136056 |
| Mitotic spindle assembly checkpoint protein MAD2B | MAD2L2 | -0.389 | 2.627357155 |
| Acyl-coenzyme A thioesterase 13 | ACOT13 | -0.388 | 3.70846213 |
| ATP-dependent DNA/RNA helicase DHX36 | DHX36 | -0.388 | 3.611948572 |
| Protein FAM32A | FAM32A | -0.387 | 1.370918908 |
| GTPase Era, mitochondrial | ERAL1 | -0.386 | 4.764219076 |
| TraB domain-containing protein | TRABD | -0.386 | 1.480904769 |
| NADH dehydrogenase [ubiquinone] 1 alpha subcomplex assembly factor 4 | NDUFAF4 | -0.385 | 2.655159027 |
| E3 ubiquitin-protein ligase BRE1A | RNF20 | -0.385 | 6.785897217 |
| F-box only protein 11 | FBXO11 | -0.385 | 1.620045838 |
| NAD kinase | NADK | -0.384 | 2.973277222 |
| Centrosomal protein of 97 kDa | CEP97 | -0.384 | 2.864154158 |
| POU domain, class 3, transcription factor 3 | POU3F3 | -0.384 | 5.008294244 |
| Zinc finger protein 567 | ZNF567 | -0.384 | 1.729540125 |
| MIF4G domain-containing protein | MIF4GD | -0.383 | 2.444531512 |
| Zinc finger protein 813 | ZNF813 | -0.383 | 1.676418492 |
| Protein OS-9 | OS9 | -0.383 | 3.028976314 |
| Mitochondrial fission factor | MFF | -0.383 | 2.630043449 |
| Golgi phosphoprotein 3-like | GOLPH3L | -0.382 | 2.233173745 |
| Phosducin-like protein | PDCL | -0.382 | 2.622986136 |
| Tyrosine-protein kinase receptor UFO | AXL | -0.382 | 2.784221252 |
| Thioredoxin domain-containing protein 15 | TXNDC15 | -0.382 | 1.494085092 |
| Tetratricopeptide repeat protein 13 | TTC13 | -0.381 | 3.600427473 |
| S-phase kinase-associated protein 1 | SKP1 | -0.381 | 4.628681408 |
| Transcription factor E2F4 | E2F4 | -0.381 | 2.656535507 |
| Centromere protein U | CENPU | -0.381 | 2.588249822 |
| CDK5 regulatory subunit-associated protein 2 | CDK5RAP2 | -0.381 | 3.399537677 |
| Probable rRNA-processing protein EBP2 | EBNA1BP2 | -0.381 | 4.380038647 |
| Histone H3.3 | H3-3B | -0.380 | 4.447707343 |
| 28S ribosomal protein S5, mitochondrial | MRPS5 | -0.380 | 4.883290789 |
| Elongator complex protein 4 | ELP4 | -0.379 | 2.741282696 |
| E3 ubiquitin-protein ligase UBR2 | UBR2 | -0.379 | 2.765402951 |
| Sialidase-1 | NEU1 | -0.379 | 2.655727181 |
| Nucleolar MIF4G domain-containing protein 1 | NOM1 | -0.378 | 3.567285413 |
| Chromodomain-helicase-DNA-binding protein 9 | CHD9 | -0.377 | 3.260287426 |
| Sterol regulatory element-binding protein cleavage-activating protein | SCAP | -0.377 | 1.601311562 |
| Proteasome assembly chaperone 2 | PSMG2 | -0.377 | 4.178464982 |
| Protein ECT2 | ECT2 | -0.376 | 3.541097392 |
| Propionyl-CoA carboxylase beta chain, mitochondrial | PCCB | -0.376 | 1.496160048 |
| Phospholipid phosphatase 2 | PLPP2 | -0.376 | 2.482089042 |
| Lysine-specific demethylase RSBN1L | RSBN1L | -0.376 | 5.252900476 |
| Protein C10 | C12orf57 | -0.376 | 1.418372979 |
| DNA/RNA-binding protein KIN17 | KIN | -0.375 | 2.596657321 |
| Leucine-rich repeat-containing protein 41 | LRRC41 | -0.375 | 2.215294243 |
| Coiled-coil domain-containing protein 86 | CCDC86 | -0.374 | 5.27841885 |
| COMM domain-containing protein 4 | COMMD4 | -0.374 | 2.958527846 |
| Bax inhibitor 1 | TMBIM6 | -0.373 | 1.661938932 |
| NFU1 iron-sulfur cluster scaffold homolog, mitochondrial | NFU1 | -0.373 | 2.941769477 |
| Probable ATP-dependent RNA helicase DDX5 | DDX5 | -0.373 | 6.738361855 |
| Serine incorporator 3 | SERINC3 | -0.372 | 2.212526352 |
| Maternal embryonic leucine zipper kinase | MELK | -0.371 | 2.473348937 |
| Zinc finger and BTB domain-containing protein 40 | ZBTB40 | -0.370 | 2.187609965 |
| Nucleolar protein 6 | NOL6 | -0.370 | 4.61418759 |
| Mitochondrial RNA pseudouridine synthase RPUSD4 | RPUSD4 | -0.370 | 3.586792478 |
| Zinc finger protein 644 | ZNF644 | -0.370 | 2.832234497 |
| Amidophosphoribosyltransferase | PPAT | -0.369 | 3.267044984 |
| 28S ribosomal protein S28, mitochondrial | MRPS28 | -0.368 | 4.979494255 |
| Golgi integral membrane protein 4 | GOLIM4 | -0.368 | 6.285616809 |
| Nuclear nucleic acid-binding protein C1D | C1D | -0.367 | 2.877818035 |
| Elongation factor G, mitochondrial | GFM1 | -0.367 | 5.36065012 |
| Aldo-keto reductase family 1 member B10 | AKR1B10 | -0.366 | 2.784221252 |
| 39S ribosomal protein L20, mitochondrial | MRPL20 | -0.365 | 4.408281531 |
| Mitochondrial 10-formyltetrahydrofolate dehydrogenase | ALDH1L2 | -0.363 | 1.621127868 |
| Myelin protein zero-like protein 1 | MPZL1 | -0.363 | 2.014887372 |
| RPA-interacting protein | RPAIN | -0.363 | 1.857203209 |
| Thioredoxin-like protein 4B | TXNL4B | -0.363 | 2.105160866 |
| NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 6 | NDUFB6 | -0.361 | 3.451280031 |
| Cytochrome c oxidase subunit 7A2, mitochondrial | COX7A2 | -0.361 | 3.122948764 |
| RNA polymerase II subunit A C-terminal domain phosphatase SSU72 | SSU72 | -0.361 | 2.147143427 |
| Polymerase delta-interacting protein 3 | POLDIP3 | -0.360 | 4.677795802 |
| NADH dehydrogenase [ubiquinone] 1 subunit C2 | NDUFC2 | -0.357 | 3.038071753 |
| HMG box transcription factor BBX | BBX | -0.357 | 5.539400379 |
| DNA polymerase epsilon subunit 2 | POLE2 | -0.357 | 2.012564378 |
| ATP-binding cassette sub-family E member 1 | ABCE1 | -0.357 | 7.10563978 |
| Kanadaptin | SLC4A1AP | -0.356 | 3.463641397 |
| Origin recognition complex subunit 4 | ORC4 | -0.356 | 3.031347213 |
| DNA-3-methyladenine glycosylase | MPG | -0.356 | 2.165612477 |
| Ribosomal RNA-processing protein 7 homolog A | RRP7A | -0.355 | 3.154499789 |
| Probable JmjC domain-containing histone demethylation protein 2C | JMJD1C | -0.354 | 2.24810208 |
| Transducin beta-like protein 3 | TBL3 | -0.354 | 3.527049497 |
| Nucleobindin-1 | NUCB1 | -0.353 | 3.422513651 |
| General transcription factor IIH subunit 1 | GTF2H1 | -0.353 | 1.755234892 |
| GDNF family receptor alpha-1 | GFRA1 | -0.353 | 1.653244025 |
| Golgi phosphoprotein 3 | GOLPH3 | -0.353 | 4.286804998 |
| NADH-ubiquinone oxidoreductase chain 1 | MT-ND1 | -0.351 | 3.294422419 |
| Mastermind-like protein 2 | MAML2 | -0.351 | 3.204858876 |
| Ubiquitin conjugation factor E4 B | UBE4B | -0.351 | 4.201724637 |
| Neugrin | NGRN | -0.351 | 1.420615428 |
| ATP-dependent RNA helicase DDX54 | DDX54 | -0.351 | 3.722135222 |
| Tudor-interacting repair regulator protein | NUDT16L1 | -0.350 | 2.955995747 |
| RWD domain-containing protein 4 | RWDD4 | -0.348 | 1.865713718 |
| WD repeat-containing protein 3 | WDR3 | -0.347 | 3.990728936 |
| Catalase | CAT | -0.347 | 1.397646392 |
| ESF1 homolog | ESF1 | -0.347 | 2.898314404 |
| L-aminoadipate-semialdehyde dehydrogenase-phosphopantetheinyl transferase | AASDHPPT | -0.346 | 5.238476858 |
| Pescadillo homolog | PES1 | -0.345 | 2.772762057 |
| Homeobox protein PKNOX1 | PKNOX1 | -0.345 | 2.116634949 |
| Coiled-coil domain-containing protein 50 | CCDC50 | -0.345 | 3.299084032 |
| 39S ribosomal protein L12, mitochondrial | MRPL12 | -0.344 | 4.307638346 |
| Histone H1.4 | H1-4 | -0.344 | 1.671236407 |
| NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 10, mitochondrial | NDUFA10 | -0.344 | 2.755409813 |
| Histone acetyltransferase KAT8 | KAT8 | -0.344 | 3.807202758 |
| Cathepsin L2 | CTSV | -0.343 | 1.386856736 |
| 28S ribosomal protein S22, mitochondrial | MRPS22 | -0.343 | 5.71373108 |
| RNA transcription, translation and transport factor protein | RTRAF | -0.342 | 6.688548589 |
| DNA-directed RNA polymerase II subunit RPB7 | POLR2G | -0.342 | 4.023965009 |
| Dermatan-sulfate epimerase-like protein | DSEL | -0.342 | 1.801920499 |
| DnaJ homolog subfamily B member 6 | DNAJB6 | -0.342 | 3.462147938 |
| Mitofusin-2 | MFN2 | -0.342 | 4.685573155 |
| Nuclear valosin-containing protein-like | NVL | -0.341 | 3.091242516 |
| Synaptic vesicle glycoprotein 2A | SV2A | -0.341 | 3.603147774 |
| Glutamate--cysteine ligase regulatory subunit | GCLM | -0.340 | 3.632346868 |
| Transcription initiation factor TFIID subunit 6 | TAF6 | -0.340 | 2.29493303 |
| Kinesin-like protein KIF2C | KIF2C | -0.340 | 2.581918665 |
| WD repeat-containing protein 6 | WDR6 | -0.340 | 3.135268146 |
| Complex I assembly factor TMEM126B, mitochondrial | TMEM126B | -0.339 | 2.222193609 |
| Elongator complex protein 1 | ELP1 | -0.338 | 5.68158293 |
| La-related protein 4 | LARP4 | -0.338 | 4.000722766 |
| 39S ribosomal protein L34, mitochondrial | MRPL34 | -0.337 | 2.413075067 |
| 28S ribosomal protein S15, mitochondrial | MRPS15 | -0.336 | 2.138136363 |
| Nuclear factor erythroid 2-related factor 2 | NFE2L2 | -0.335 | 1.564727446 |
| 28S ribosomal protein S35, mitochondrial | MRPS35 | -0.335 | 4.306320957 |
| Stathmin-2 | STMN2 | -0.335 | 2.489013532 |
| Receptor expression-enhancing protein 3 | REEP3 | -0.335 | 2.218996995 |
| Interferon-stimulated 20 kDa exonuclease-like 2 | ISG20L2 | -0.334 | 3.918740875 |
| Acyl-CoA synthetase short-chain family member 3, mitochondrial | ACSS3 | -0.331 | 3.135556582 |
| Protein EFR3 homolog A | EFR3A | -0.330 | 4.523696959 |
| Chromobox protein homolog 3 | CBX3 | -0.330 | 2.636512228 |
| Nucleolar protein 12 | NOL12 | -0.329 | 1.790876486 |
| Thiosulfate sulfurtransferase | TST | -0.329 | 1.784136665 |
| Ribosome biogenesis protein BRX1 homolog | BRIX1 | -0.328 | 4.305141321 |
| Up-regulator of cell proliferation | URGCP | -0.328 | 1.377627156 |
| ATP synthase mitochondrial F1 complex assembly factor 1 | ATPAF1 | -0.328 | 3.36398828 |
| Cyclin-L2 | CCNL2 | -0.328 | 1.527565459 |
| Mitochondrial import inner membrane translocase subunit Tim29 | TIMM29 | -0.328 | 1.923332111 |
| Pre-mRNA-splicing factor SLU7 | SLU7 | -0.327 | 3.336242055 |
| Cell cycle checkpoint protein RAD1 | RAD1 | -0.326 | 1.454526114 |
| rRNA methyltransferase 3, mitochondrial | MRM3 | -0.325 | 1.463072467 |
| Splicing factor 3B subunit 5 | SF3B5 | -0.325 | 2.099247118 |
| cAMP-dependent protein kinase type I-alpha regulatory subunit | PRKAR1A | -0.325 | 2.141156831 |
| Protein Red | IK | -0.325 | 4.344589039 |
| Cell division cycle protein 27 homolog | CDC27 | -0.324 | 4.707443247 |
| Monofunctional C1-tetrahydrofolate synthase, mitochondrial | MTHFD1L | -0.324 | 3.823533935 |
| ATP-dependent RNA helicase DDX51 | DDX51 | -0.323 | 2.170458193 |
| GATA zinc finger domain-containing protein 1 | GATAD1 | -0.323 | 1.815907668 |
| Ran GTPase-activating protein 1 | RANGAP1 | -0.323 | 5.085773474 |
| Paired amphipathic helix protein Sin3b | SIN3B | -0.323 | 2.278716837 |
| E3 ubiquitin-protein ligase TRIM4 | TRIM4 | -0.323 | 3.141944766 |
| Protein C12orf4 | C12orf4 | -0.322 | 2.148655618 |
| Condensin-2 complex subunit G2 | NCAPG2 | -0.322 | 2.705598409 |
| Spastin | SPAST | -0.322 | 2.234512792 |
| Cyclin-dependent kinase 1 | CDK1 | -0.321 | 3.474586097 |
| Ubiquitin carboxyl-terminal hydrolase 19 | USP19 | -0.320 | 3.582065382 |
| Disabled homolog 2 | DAB2 | -0.320 | 3.338155702 |
| Zinc finger protein RFP | TRIM27 | -0.319 | 2.399851412 |
| TATA box-binding protein-like 1 | TBPL1 | -0.318 | 2.407843328 |
| Exosome component 10 | EXOSC10 | -0.318 | 4.296625502 |
| Ganglioside-induced differentiation-associated protein 2 | GDAP2 | -0.317 | 3.643212276 |
| Prohibitin-2 | PHB2 | -0.317 | 3.55641495 |
| PMS1 protein homolog 1 | PMS1 | -0.316 | 2.961394907 |
| Carnitine O-palmitoyltransferase 1, liver isoform | CPT1A | -0.316 | 3.936840885 |
| Phenylalanine--tRNA ligase, mitochondrial | FARS2 | -0.315 | 2.948417423 |
| 28S ribosomal protein S9, mitochondrial | MRPS9 | -0.315 | 3.819095065 |
| Coiled-coil domain-containing protein 12 | CCDC12 | -0.315 | 2.437962695 |
| NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 7 | NDUFB7 | -0.315 | 2.76204861 |
| Outer mitochondrial transmembrane helix translocase | ATAD1 | -0.315 | 3.292004683 |
| m-AAA protease-interacting protein 1, mitochondrial | MAIP1 | -0.315 | 3.865897757 |
| TAF6-like RNA polymerase II p300/CBP-associated factor-associated factor 65 kDa subunit 6L | TAF6L | -0.314 | 1.661497793 |
| Intraflagellar transport protein 56 | TTC26 | -0.314 | 2.399326623 |
| Unhealthy ribosome biogenesis protein 2 homolog | URB2 | -0.313 | 1.945388265 |
| ATP-binding cassette sub-family F member 2 | ABCF2 | -0.313 | 3.850948518 |
| 39S ribosomal protein L21, mitochondrial | MRPL21 | -0.313 | 2.509034953 |
| 28S ribosomal protein S17, mitochondrial | MRPS17 | -0.312 | 3.926608085 |
| Chitinase domain-containing protein 1 | CHID1 | -0.312 | 3.547823246 |
| ATP-dependent Clp protease ATP-binding subunit clpX-like, mitochondrial | CLPX | -0.312 | 6.178891857 |
| MOB kinase activator 1B | MOB1B | -0.311 | 3.143498623 |
| Replication factor C subunit 4 | RFC4 | -0.311 | 2.970552862 |
| Menin | MEN1 | -0.310 | 3.046604731 |
| TATA element modulatory factor | TMF1 | -0.310 | 2.425390935 |
| Polypeptide N-acetylgalactosaminyltransferase 10 | GALNT10 | -0.310 | 2.578080502 |
| Cell division cycle-associated 7-like protein | CDCA7L | -0.310 | 1.461539436 |
| Pentatricopeptide repeat-containing protein 1, mitochondrial | PTCD1 | -0.310 | 3.356105151 |
| WD40 repeat-containing protein SMU1 | SMU1 | -0.309 | 5.371786199 |
| DNA-directed RNA polymerase I subunit RPA43 | POLR1F | -0.309 | 3.004662113 |
| 39S ribosomal protein L41, mitochondrial | MRPL41 | -0.309 | 1.573128091 |
| DnaJ homolog subfamily C member 21 | DNAJC21 | -0.308 | 4.107274864 |
| Lysine-specific demethylase 5A | KDM5A | -0.308 | 3.235698897 |
| Putative nascent polypeptide-associated complex subunit alpha-like protein | NACA4P | -0.308 | 1.892001989 |
| General transcription factor 3C polypeptide 3 | GTF3C3 | -0.308 | 3.089932215 |
| Protein mono-ADP-ribosyltransferase PARP14 | PARP14 | -0.308 | 2.436733858 |
| Teneurin-2 | TENM2 | -0.307 | 2.25464327 |
| Nitric oxide-associated protein 1 | NOA1 | -0.307 | 4.250630687 |
| FAST kinase domain-containing protein 4 | TBRG4 | -0.307 | 3.623573224 |
| Protein HEXIM1 | HEXIM1 | -0.306 | 1.830651055 |
| 39S ribosomal protein L4, mitochondrial | MRPL4 | -0.305 | 2.634728672 |
| Protein AATF | AATF | -0.305 | 4.043499183 |
| L-xylulose reductase | DCXR | -0.305 | 2.606495987 |
| PHD finger protein 23 | PHF23 | -0.305 | 1.662497839 |
| Nucleolar pre-ribosomal-associated protein 1 | URB1 | -0.304 | 1.865713718 |
| Something about silencing protein 10 | UTP3 | -0.303 | 1.792516998 |
| Telomere length and silencing protein 1 homolog | C9orf78 | -0.303 | 2.832334899 |
| V-type proton ATPase subunit F | ATP6V1F | -0.301 | 1.359279108 |
| E1A-binding protein p400 | EP400 | -0.301 | 4.043499183 |
| General transcription factor 3C polypeptide 1 | GTF3C1 | -0.301 | 6.245527814 |
| S-phase kinase-associated protein 2 | SKP2 | -0.301 | 1.811049054 |
| CCAAT/enhancer-binding protein zeta | CEBPZ | -0.300 | 4.730482771 |
| Histone-lysine N-methyltransferase EZH2 | EZH2 | -0.298 | 3.021690265 |
| ATP-dependent RNA helicase DDX55 | DDX55 | -0.298 | 2.925189455 |
| Zinc finger CCCH-type with G patch domain-containing protein | ZGPAT | -0.298 | 1.366843152 |
| Mitochondrial intermembrane space import and assembly protein 40 | CHCHD4 | -0.298 | 1.705479315 |
| Reduced folate transporter | SLC19A1 | -0.297 | 2.217884459 |
| E3 ubiquitin-protein ligase RNF181 | RNF181 | -0.297 | 1.521763875 |
| ATP-dependent RNA helicase DHX33 | DHX33 | -0.296 | 2.888216395 |
| Mediator of RNA polymerase II transcription subunit 10 | MED10 | -0.296 | 1.64736501 |
| Centromere protein N | CENPN | -0.296 | 2.605615747 |
| DNA-directed RNA polymerase II subunit RPB1 | POLR2A | -0.294 | 4.677219402 |
| Nuclear speckle splicing regulatory protein 1 | NSRP1 | -0.294 | 3.766481273 |
| NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 1 | NDUFB1 | -0.294 | 1.461539436 |
| Ribosomal oxygenase 2 | RIOX2 | -0.294 | 2.366126826 |
| 39S ribosomal protein L24, mitochondrial | MRPL24 | -0.294 | 1.793791382 |
| Nucleoside diphosphate kinase 3 | NME3 | -0.294 | 2.154631889 |
| BCL-6 corepressor | BCOR | -0.293 | 1.949267977 |
| Histidine--tRNA ligase, mitochondrial | HARS2 | -0.292 | 3.597074893 |
| Cytochrome c oxidase assembly factor 7 | COA7 | -0.292 | 1.390759662 |
| 39S ribosomal protein L27, mitochondrial | MRPL27 | -0.292 | 2.113116569 |
| 3-hydroxyisobutyryl-CoA hydrolase, mitochondrial | HIBCH | -0.292 | 2.478627798 |
| RNA helicase aquarius | AQR | -0.291 | 3.00377605 |
| Uncharacterized protein KIAA1671 | KIAA1671 | -0.291 | 2.538162408 |
| Zinc finger protein 280D | ZNF280D | -0.291 | 2.188438745 |
| 39S ribosomal protein L53, mitochondrial | MRPL53 | -0.290 | 2.028530914 |
| BTB/POZ domain-containing protein 1 | BTBD1 | -0.289 | 2.126526288 |
| Lysine-rich nucleolar protein 1 | KNOP1 | -0.289 | 2.862208538 |
| Prothymosin alpha | PTMA | -0.289 | 2.847642105 |
| Survival of motor neuron-related-splicing factor 30 | SMNDC1 | -0.289 | 3.172919236 |
| F-box only protein 7 | FBXO7 | -0.288 | 3.337089685 |
| 28S ribosomal protein S34, mitochondrial | MRPS34 | -0.288 | 2.593131079 |
| NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 5, mitochondrial | NDUFB5 | -0.287 | 2.746957933 |
| SAP30-binding protein | SAP30BP | -0.287 | 2.42839461 |
| 39S ribosomal protein L16, mitochondrial | MRPL16 | -0.287 | 1.833237755 |
| 39S ribosomal protein L38, mitochondrial | MRPL38 | -0.286 | 3.223850093 |
| Anaphase-promoting complex subunit 2 | ANAPC2 | -0.285 | 3.235392312 |
| HEAT repeat-containing protein 1 | HEATR1 | -0.285 | 3.423787449 |
| Frataxin, mitochondrial | FXN | -0.285 | 2.711113355 |
| ATP-dependent DNA helicase Q5 | RECQL5 | -0.285 | 2.198074545 |
| PHD finger protein 14 | PHF14 | -0.285 | 1.41509252 |
| 39S ribosomal protein L44, mitochondrial | MRPL44 | -0.284 | 3.928439826 |
| Trafficking protein particle complex subunit 3 | TRAPPC3 | -0.284 | 4.00043082 |
| N-alpha-acetyltransferase 50 | NAA50 | -0.284 | 4.51560357 |
| Protein SCO1 homolog, mitochondrial | SCO1 | -0.284 | 3.060350174 |
| Transport and Golgi organization protein 6 homolog | TANGO6 | -0.284 | 3.335329444 |
| Histidine triad nucleotide-binding protein 2, mitochondrial | HINT2 | -0.284 | 3.621764517 |
| Phosphoserine aminotransferase | PSAT1 | -0.283 | 2.048354399 |
| Bcl-2-like protein 13 | BCL2L13 | -0.283 | 2.056425972 |
| Zinc fingers and homeoboxes protein 1 | ZHX1 | -0.282 | 2.38594595 |
| Aspartate aminotransferase, mitochondrial | GOT2 | -0.281 | 3.952473089 |
| Type 2 phosphatidylinositol 4,5-bisphosphate 4-phosphatase | PIP4P2 | -0.281 | 1.755234892 |
| 60S ribosomal export protein NMD3 | NMD3 | -0.281 | 3.440252527 |
| AP-3 complex subunit sigma-2 | AP3S2 | -0.281 | 2.720945904 |
| Adhesion G protein-coupled receptor L2 | ADGRL2 | -0.281 | 1.791001308 |
| Protein CMSS1 | CMSS1 | -0.280 | 1.834849816 |
| Pentatricopeptide repeat domain-containing protein 3, mitochondrial | PTCD3 | -0.280 | 4.351905494 |
| Metastasis-associated protein MTA2 | MTA2 | -0.280 | 2.410361613 |
| tRNA N(3)-methylcytidine methyltransferase METTL2B | METTL2B | -0.280 | 2.013400038 |
| Protein FAM98B | FAM98B | -0.280 | 1.824829952 |
| Myotubularin-related protein 2 | MTMR2 | -0.280 | 2.197464523 |
| Partitioning defective 3 homolog B | PARD3B | -0.280 | 2.130785429 |
| ASNSD1 upstream open reading frame protein | ASDURF | -0.279 | 1.569484578 |
| Nuclear envelope pore membrane protein POM 121C | POM121C | -0.279 | 3.640224584 |
| 60S ribosome subunit biogenesis protein NIP7 homolog | NIP7 | -0.279 | 2.032865512 |
| SURP and G-patch domain-containing protein 1 | SUGP1 | -0.278 | 3.318068131 |
| UAP56-interacting factor | FYTTD1 | -0.278 | 3.90841656 |
| COMM domain-containing protein 2 | COMMD2 | -0.278 | 2.160987294 |
| Autophagy-related protein 101 | ATG101 | -0.278 | 1.454526114 |
| Xaa-Pro aminopeptidase 3 | XPNPEP3 | -0.278 | 2.421724672 |
| Transcription and mRNA export factor ENY2 | ENY2 | -0.277 | 3.021852974 |
| Ashwin | C2orf49 | -0.277 | 1.978472117 |
| Cytochrome c oxidase subunit 2 | MT-CO2 | -0.277 | 2.413075067 |
| Mitochondrial import inner membrane translocase subunit TIM14 | DNAJC19 | -0.277 | 3.177363652 |
| Tripartite motif-containing protein 16 | TRIM16 | -0.277 | 1.303469861 |
| Exosome complex component RRP45 | EXOSC9 | -0.276 | 2.708597236 |
| KAT8 regulatory NSL complex subunit 3 | KANSL3 | -0.276 | 2.645036329 |
| Tuberin | TSC2 | -0.276 | 2.640216551 |
| ATP synthase subunit delta, mitochondrial | ATP5F1D | -0.275 | 3.198453468 |
| Conserved oligomeric Golgi complex subunit 4 | COG4 | -0.275 | 2.884270397 |
| Putative tRNA (cytidine(32)/guanosine(34)-2'-O)-methyltransferase | FTSJ1 | -0.274 | 1.547468876 |
| NAD(P)H dehydrogenase [quinone] 1 | NQO1 | -0.271 | 1.873368986 |
| Probable tRNA pseudouridine synthase 1 | TRUB1 | -0.271 | 2.569311416 |
| Little elongation complex subunit 2 | ICE2 | -0.271 | 3.41549893 |
| Histone H1.10 | H1-10 | -0.270 | 3.631380256 |
| ATP-dependent RNA helicase DDX1 | DDX1 | -0.270 | 5.863657542 |
| Nucleolar transcription factor 1 | UBTF | -0.270 | 2.064086314 |
| Pyrroline-5-carboxylate reductase 1, mitochondrial | PYCR1 | -0.270 | 3.744547249 |
| Alpha-aminoadipic semialdehyde synthase, mitochondrial | AASS | -0.270 | 2.656569053 |
| Methylosome subunit pICln | CLNS1A | -0.269 | 2.44120357 |
| Sodium-coupled neutral amino acid transporter 1 | SLC38A1 | -0.269 | 1.359011472 |
| RRP15-like protein | RRP15 | -0.269 | 1.924320894 |
| DDB1- and CUL4-associated factor 11 | DCAF11 | -0.268 | 1.937895634 |
| Synaptojanin-2-binding protein | SYNJ2BP | -0.268 | 1.967474103 |
| AP-5 complex subunit zeta-1 | AP5Z1 | -0.268 | 2.552494962 |
| U4/U6 small nuclear ribonucleoprotein Prp3 | PRPF3 | -0.267 | 3.522170639 |
| Erythroid differentiation-related factor 1 | EDRF1 | -0.267 | 2.065460676 |
| Origin recognition complex subunit 5 | ORC5 | -0.267 | 4.763830268 |
| Semaphorin-4D | SEMA4D | -0.267 | 1.492455635 |
| Methionine synthase reductase | MTRR | -0.266 | 2.317815522 |
| NFATC2-interacting protein | NFATC2IP | -0.266 | 3.301025668 |
| Suppressor of tumorigenicity 7 protein-like | ST7L | -0.265 | 2.012789507 |
| ATP-dependent RNA helicase DDX24 | DDX24 | -0.265 | 3.741612315 |
| RB1-inducible coiled-coil protein 1 | RB1CC1 | -0.265 | 2.352304796 |
| Cyclin-dependent kinase 9 | CDK9 | -0.264 | 3.299084032 |
| E3 SUMO-protein ligase ZBED1 | ZBED1 | -0.263 | 2.978981827 |
| Proliferation marker protein Ki-67 | MKI67 | -0.263 | 2.848907098 |
| Periodic tryptophan protein 2 homolog | PWP2 | -0.263 | 2.064526417 |
| Anaphase-promoting complex subunit 16 | ANAPC16 | -0.262 | 1.575923201 |
| WD repeat-containing protein 36 | WDR36 | -0.262 | 2.0966287 |
| Histone-lysine N-methyltransferase NSD2 | NSD2 | -0.261 | 3.280438932 |
| tRNA dimethylallyltransferase | TRIT1 | -0.261 | 1.49987271 |
| Methylcrotonoyl-CoA carboxylase beta chain, mitochondrial | MCCC2 | -0.261 | 2.427815522 |
| Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit gamma isoform | PPP2R5C | -0.261 | 3.027778517 |
| Transcription elongation factor A protein 1 | TCEA1 | -0.261 | 1.652916722 |
| Mitochondrial mRNA pseudouridine synthase RPUSD3 | RPUSD3 | -0.261 | 1.310915889 |
| Uncharacterized protein C9orf40 | C9orf40 | -0.260 | 1.64594861 |
| SURP and G-patch domain-containing protein 2 | SUGP2 | -0.260 | 3.461570906 |
| 39S ribosomal protein L2, mitochondrial | MRPL2 | -0.259 | 1.532372311 |
| Double-strand-break repair protein rad21 homolog | RAD21 | -0.259 | 1.607448063 |
| Histone-lysine N-methyltransferase SETD2 | SETD2 | -0.259 | 4.114439838 |
| Pantothenate kinase 1 | PANK1 | -0.259 | 2.123170559 |
| E3 ubiquitin-protein ligase RNF25 | RNF25 | -0.259 | 2.986220651 |
| U3 small nucleolar RNA-associated protein 6 homolog | UTP6 | -0.259 | 3.939732238 |
| Mitogen-activated protein kinase kinase kinase 20 | MAP3K20 | -0.258 | 3.767542503 |
| U5 small nuclear ribonucleoprotein 200 kDa helicase | SNRNP200 | -0.258 | 5.408537822 |
| Cytospin-B | SPECC1 | -0.258 | 3.500416342 |
| REST corepressor 3 | RCOR3 | -0.258 | 3.481240479 |
| Pre-mRNA-processing factor 17 | CDC40 | -0.257 | 3.817541254 |
| THO complex subunit 2 | THOC2 | -0.257 | 1.475264668 |
| Nucleolus and neural progenitor protein | NEPRO | -0.257 | 2.303593721 |
| KIF-binding protein | KIFBP | -0.256 | 2.109637582 |
| Heterogeneous nuclear ribonucleoprotein L-like | HNRNPLL | -0.255 | 2.13779715 |
| Anaphase-promoting complex subunit 5 | ANAPC5 | -0.255 | 2.874999024 |
| DNA-directed RNA polymerase I subunit RPA1 | POLR1A | -0.254 | 2.91726114 |
| Methyl-CpG-binding domain protein 3 | MBD3 | -0.254 | 1.419799117 |
| SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A-like protein 1 | SMARCAL1 | -0.253 | 1.540419467 |
| Ribosome biogenesis regulatory protein homolog | RRS1 | -0.253 | 2.793815261 |
| Nuclear receptor coactivator 7 | NCOA7 | -0.253 | 2.744403461 |
| U3 small nucleolar RNA-associated protein 15 homolog | UTP15 | -0.253 | 2.366126826 |
| cAMP-dependent protein kinase type I-beta regulatory subunit | PRKAR1B | -0.253 | 3.076073061 |
| Transcriptional repressor p66-beta | GATAD2B | -0.252 | 3.7199912 |
| Stress-70 protein, mitochondrial | HSPA9 | -0.252 | 4.351524274 |
| Unconventional myosin-XIX | MYO19 | -0.252 | 1.479508296 |
| 39S ribosomal protein S30, mitochondrial | MRPS30 | -0.251 | 1.445117481 |
| Telomeric repeat-binding factor 2-interacting protein 1 | TERF2IP | -0.251 | 3.338729695 |
| 39S ribosomal protein L48, mitochondrial | MRPL48 | -0.250 | 1.348978929 |
| CWF19-like protein 2 | CWF19L2 | -0.250 | 2.013400038 |
| FAST kinase domain-containing protein 5, mitochondrial | FASTKD5 | -0.250 | 1.887534014 |
| Protein RRP5 homolog | PDCD11 | -0.249 | 3.716996506 |
| A-kinase anchor protein 11 | AKAP11 | -0.249 | 1.994748143 |
| Cytoplasmic tRNA 2-thiolation protein 2 | CTU2 | -0.249 | 1.799899 |
| DNA topoisomerase 3-beta-1 | TOP3B | -0.249 | 1.797466161 |
| Splicing factor 3B subunit 3 | SF3B3 | -0.248 | 4.183046296 |
| Retinoic acid receptor RXR-beta | RXRB | -0.248 | 2.615467531 |
| Ankyrin repeat domain-containing protein 17 | ANKRD17 | -0.248 | 4.766574223 |
| Protoporphyrinogen oxidase | PPOX | -0.247 | 1.939194439 |
| Atypical kinase COQ8B, mitochondrial | COQ8B | -0.247 | 2.008974338 |
| Interferon-induced protein with tetratricopeptide repeats 5 | IFIT5 | -0.246 | 3.301503619 |
| Protein SCO2 homolog, mitochondrial | SCO2 | -0.246 | 2.366126826 |
| WD repeat-containing protein 76 | WDR76 | -0.246 | 1.660848569 |
| PDZ domain-containing protein 11 | PDZD11 | -0.246 | 1.409257993 |
| U4/U6 small nuclear ribonucleoprotein Prp4 | PRPF4 | -0.245 | 3.350095461 |
| Iron-sulfur cluster co-chaperone protein HscB | HSCB | -0.245 | 1.585123456 |
| Sulfide:quinone oxidoreductase, mitochondrial | SQOR | -0.245 | 2.473643491 |
| Ribonuclease P protein subunit p30 | RPP30 | -0.245 | 2.484927774 |
| Histone-lysine N-methyltransferase EHMT1 | EHMT1 | -0.244 | 3.928359585 |
| Caprin-1 | CAPRIN1 | -0.244 | 5.064141026 |
| Coiled-coil-helix-coiled-coil-helix domain-containing protein 1 | CHCHD1 | -0.244 | 1.607657129 |
| CDK-activating kinase assembly factor MAT1 | MNAT1 | -0.244 | 1.61024286 |
| Probable ATP-dependent RNA helicase DDX10 | DDX10 | -0.244 | 2.240497683 |
| Lysosomal acid lipase/cholesteryl ester hydrolase | LIPA | -0.244 | 1.601692908 |
| Serine/threonine-protein kinase RIO1 | RIOK1 | -0.243 | 2.048439421 |
| U3 small nucleolar ribonucleoprotein protein IMP4 | IMP4 | -0.243 | 2.278716837 |
| 39S ribosomal protein L43, mitochondrial | MRPL43 | -0.243 | 2.798705838 |
| ATP-dependent RNA helicase DHX30 | DHX30 | -0.242 | 5.286311514 |
| Casein kinase I isoform alpha | CSNK1A1 | -0.242 | 4.091266017 |
| Centromere protein C | CENPC | -0.241 | 3.675280836 |
| Gem-associated protein 4 | GEMIN4 | -0.241 | 2.604766207 |
| Transcription elongation factor SPT6 | SUPT6H | -0.240 | 3.847780666 |
| DDB1- and CUL4-associated factor 1 | DCAF1 | -0.240 | 2.473643491 |
| 39S ribosomal protein L39, mitochondrial | MRPL39 | -0.240 | 2.675422976 |
| Mitogen-activated protein kinase kinase kinase kinase 3 | MAP4K3 | -0.240 | 1.303887113 |
| Cytochrome b-c1 complex subunit 2, mitochondrial | UQCRC2 | -0.240 | 2.798745226 |
| Sec1 family domain-containing protein 2 | SCFD2 | -0.239 | 1.858049781 |
| Structural maintenance of chromosomes protein 4 | SMC4 | -0.239 | 5.940499776 |
| Probable U3 small nucleolar RNA-associated protein 11 | UTP11 | -0.238 | 2.633410595 |
| RNA 3'-terminal phosphate cyclase-like protein | RCL1 | -0.238 | 3.179585755 |
| Sorting nexin-14 | SNX14 | -0.238 | 3.076551741 |
| WD repeat-containing protein 46 | WDR46 | -0.238 | 2.934413794 |
| Nucleolar protein 11 | NOL11 | -0.237 | 1.838751309 |
| Pre-rRNA-processing protein TSR1 homolog | TSR1 | -0.237 | 1.812076592 |
| Kinesin heavy chain isoform 5A | KIF5A | -0.236 | 1.379668406 |
| Claspin | CLSPN | -0.236 | 2.211671648 |
| Transmembrane protein 192 | TMEM192 | -0.235 | 1.581176451 |
| Succinate-semialdehyde dehydrogenase, mitochondrial | ALDH5A1 | -0.235 | 2.276673556 |
| Threonine--tRNA ligase, mitochondrial | TARS2 | -0.235 | 2.326027295 |
| Mitogen-activated protein kinase 14 | MAPK14 | -0.235 | 2.058412474 |
| Transmembrane protein 126A | TMEM126A | -0.234 | 1.455780251 |
| Thrombospondin-1 | THBS1 | -0.234 | 2.189074652 |
| G-rich sequence factor 1 | GRSF1 | -0.234 | 2.49306108 |
| Chromodomain-helicase-DNA-binding protein 4 | CHD4 | -0.234 | 4.412659036 |
| Metallo-beta-lactamase domain-containing protein 2 | MBLAC2 | -0.234 | 1.951378336 |
| Probable asparagine--tRNA ligase, mitochondrial | NARS2 | -0.233 | 2.0947244 |
| WD repeat-containing protein 61 | WDR61 | -0.233 | 2.492167553 |
| Zinc finger protein 512 | ZNF512 | -0.233 | 1.895286446 |
| pre-mRNA 3' end processing protein WDR33 | WDR33 | -0.233 | 3.407470257 |
| Transmembrane protein 43 | TMEM43 | -0.233 | 2.19831764 |
| Casein kinase I isoform epsilon | CSNK1E | -0.233 | 2.823538684 |
| Prosaposin | PSAP | -0.233 | 1.447601628 |
| Glutaminase kidney isoform, mitochondrial | GLS | -0.232 | 2.239650646 |
| Periphilin-1 | PPHLN1 | -0.231 | 2.299231545 |
| HCLS1-associated protein X-1 | HAX1 | -0.230 | 1.314249508 |
| Renin receptor | ATP6AP2 | -0.230 | 2.111935152 |
| 28S ribosomal protein S10, mitochondrial | MRPS10 | -0.230 | 2.448004881 |
| Protein CIP2A | CIP2A | -0.229 | 3.175105237 |
| Peptidyl-tRNA hydrolase ICT1, mitochondrial | MRPL58 | -0.229 | 1.456179039 |
| Serine/threonine-protein phosphatase PP1-gamma catalytic subunit | PPP1CC | -0.229 | 1.440397561 |
| YTH domain-containing family protein 2 | YTHDF2 | -0.228 | 3.255799106 |
| Nucleoporin Nup37 | NUP37 | -0.228 | 4.260609362 |
| DNA-directed RNA polymerases I, II, and III subunit RPABC1 | POLR2E | -0.227 | 1.476057607 |
| COX assembly mitochondrial protein 2 homolog | CMC2 | -0.227 | 1.762609117 |
| Prefoldin subunit 4 | PFDN4 | -0.227 | 1.558866369 |
| 39S ribosomal protein L37, mitochondrial | MRPL37 | -0.227 | 2.8937744 |
| Transcription initiation factor IIE subunit beta | GTF2E2 | -0.225 | 3.535316212 |
| Phosphorylated adapter RNA export protein | PHAX | -0.225 | 2.844455624 |
| Poly(A)-specific ribonuclease PARN | PARN | -0.225 | 3.274010815 |
| Suppressor of SWI4 1 homolog | PPAN | -0.225 | 1.985606764 |
| Hydroxyacyl-coenzyme A dehydrogenase, mitochondrial | HADH | -0.225 | 1.361759575 |
| 2-(3-amino-3-carboxypropyl)histidine synthase subunit 2 | DPH2 | -0.224 | 1.733263522 |
| Neuroguidin | NGDN | -0.224 | 2.792782796 |
| 40S ribosomal protein S10 | RPS10 | -0.223 | 3.28371087 |
| RING finger and SPRY domain-containing protein 1 | RSPRY1 | -0.223 | 2.100288746 |
| Protein FAM177A1 | FAM177A1 | -0.223 | 2.492167553 |
| NFX1-type zinc finger-containing protein 1 | ZNFX1 | -0.222 | 1.615104381 |
| Elongator complex protein 6 | ELP6 | -0.222 | 3.125206636 |
| Histone acetyltransferase KAT7 | KAT7 | -0.222 | 2.243259392 |
| Cell division cycle protein 16 homolog | CDC16 | -0.222 | 2.77096139 |
| Transcription elongation factor, mitochondrial | TEFM | -0.222 | 1.353571824 |
| Cold shock domain-containing protein E1 | CSDE1 | -0.222 | 4.310233657 |
| SPRY domain-containing protein 4 | SPRYD4 | -0.222 | 2.473360059 |
| NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 11, mitochondrial | NDUFB11 | -0.221 | 1.463260923 |
| Vacuolar protein sorting-associated protein 45 | VPS45 | -0.221 | 2.006508085 |
| Probable ATP-dependent RNA helicase DDX20 | DDX20 | -0.220 | 3.047337357 |
| tRNA (guanine(37)-N1)-methyltransferase | TRMT5 | -0.220 | 2.901389769 |
| Lymphokine-activated killer T-cell-originated protein kinase | PBK | -0.219 | 2.877536987 |
| Aftiphilin | AFTPH | -0.219 | 2.364678419 |
| Tetratricopeptide repeat protein 19, mitochondrial | TTC19 | -0.219 | 2.409188334 |
| WD repeat-containing protein 91 | WDR91 | -0.218 | 1.617062711 |
| Protein GOLM2 | GOLM2 | -0.217 | 3.166625472 |
| Serine/threonine-protein kinase LATS1 | LATS1 | -0.216 | 1.945802961 |
| Protein FAM98A | FAM98A | -0.216 | 2.79990934 |
| GTP:AMP phosphotransferase AK3, mitochondrial | AK3 | -0.216 | 1.562309614 |
| Glutaryl-CoA dehydrogenase, mitochondrial | GCDH | -0.216 | 2.522812738 |
| Glutamine and serine-rich protein 1 | QSER1 | -0.216 | 1.731956905 |
| G-patch domain and KOW motifs-containing protein | GPKOW | -0.215 | 3.128345318 |
| Inactive tyrosine-protein kinase 7 | PTK7 | -0.215 | 2.240166397 |
| RNA polymerase-associated protein RTF1 homolog | RTF1 | -0.215 | 3.073275409 |
| DDB1- and CUL4-associated factor 7 | DCAF7 | -0.215 | 1.844938094 |
| Thioredoxin-related transmembrane protein 2 | TMX2 | -0.215 | 2.317815522 |
| Pre-mRNA-processing-splicing factor 8 | PRPF8 | -0.215 | 2.877194776 |
| Proteasome activator complex subunit 3 | PSME3 | -0.214 | 2.685138448 |
| DNA replication complex GINS protein SLD5 | GINS4 | -0.214 | 1.829895286 |
| Origin recognition complex subunit 2 | ORC2 | -0.214 | 2.604766207 |
| 40S ribosomal protein S3 | RPS3 | -0.213 | 4.170647202 |
| Cleavage and polyadenylation specificity factor subunit 3 | CPSF3 | -0.213 | 1.986949297 |
| Pericentriolar material 1 protein | PCM1 | -0.213 | 4.282257756 |
| Metastasis-associated protein MTA3 | MTA3 | -0.213 | 1.344064898 |
| Caspase-2 | CASP2 | -0.212 | 2.138136363 |
| GA-binding protein subunit beta-1 | GABPB1 | -0.212 | 1.52588665 |
| Vitamin K-dependent gamma-carboxylase | GGCX | -0.212 | 3.004212078 |
| Eukaryotic translation initiation factor 2D | EIF2D | -0.211 | 2.49507406 |
| Armadillo repeat-containing protein 10 | ARMC10 | -0.210 | 1.772439507 |
| Structural maintenance of chromosomes protein 3 | SMC3 | -0.210 | 1.720270685 |
| NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 10 | NDUFB10 | -0.210 | 2.770511107 |
| Prolyl 3-hydroxylase OGFOD1 | OGFOD1 | -0.210 | 1.836594697 |
| RNA polymerase II-associated factor 1 homolog | PAF1 | -0.210 | 3.468695173 |
| DNA replication complex GINS protein PSF3 | GINS3 | -0.208 | 2.41409269 |
| Kinesin-like protein KIF2A | KIF2A | -0.208 | 2.571813829 |
| Vacuolar protein sorting-associated protein 33A | VPS33A | -0.208 | 2.38820862 |
| 39S ribosomal protein L14, mitochondrial | MRPL14 | -0.208 | 1.884777805 |
| Probable ATP-dependent RNA helicase DDX52 | DDX52 | -0.207 | 1.581176451 |
| Dihydrolipoyl dehydrogenase, mitochondrial | DLD | -0.207 | 2.686680364 |
| RRP12-like protein | RRP12 | -0.207 | 2.997634108 |
| Genetic suppressor element 1 | GSE1 | -0.206 | 1.368603703 |
| Enoyl-[acyl-carrier-protein] reductase, mitochondrial | MECR | -0.206 | 2.24714075 |
| Chromatin modification-related protein MEAF6 | MEAF6 | -0.206 | 2.264663088 |
| Kelch-like protein 42 | KLHL42 | -0.205 | 1.326514687 |
| Putative ATP-dependent RNA helicase DHX57 | DHX57 | -0.205 | 2.422931742 |
| 18S rRNA aminocarboxypropyltransferase | TSR3 | -0.205 | 1.674800878 |
| MAP kinase-activated protein kinase 2 | MAPKAPK2 | -0.205 | 1.489520451 |
| snRNA-activating protein complex subunit 4 | SNAPC4 | -0.204 | 1.868866305 |
| Enoyl-CoA delta isomerase 1, mitochondrial | ECI1 | -0.204 | 1.990917248 |
| 39S ribosomal protein L19, mitochondrial | MRPL19 | -0.204 | 2.062558692 |
| SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily E member 1 | SMARCE1 | -0.204 | 2.747479001 |
| DNA polymerase alpha catalytic subunit | POLA1 | -0.203 | 1.700349739 |
| 39S ribosomal protein L50, mitochondrial | MRPL50 | -0.203 | 1.699610983 |
| rRNA N6-adenosine-methyltransferase METTL5 | METTL5 | -0.203 | 1.437281426 |
| Protein YIPF3 | YIPF3 | -0.202 | 1.711474687 |
| Rap guanine nucleotide exchange factor 1 | RAPGEF1 | -0.202 | 1.374996863 |
| WD repeat-containing protein 82 | WDR82 | -0.202 | 2.475343656 |
| Poly(A) RNA polymerase, mitochondrial | MTPAP | -0.202 | 1.732688553 |
| Anaphase-promoting complex subunit 4 | ANAPC4 | -0.201 | 1.536445823 |
| Ankyrin repeat and KH domain-containing protein 1 | ANKHD1 | -0.200 | 2.229325946 |
| WD repeat-containing protein 75 | WDR75 | -0.200 | 2.492167553 |
| Eukaryotic translation initiation factor 2A | EIF2A | -0.198 | 2.112089605 |
| Ribonuclease P protein subunit p40 | RPP40 | -0.198 | 2.068442585 |
| Prefoldin subunit 1 | PFDN1 | -0.198 | 1.333341252 |
| Nucleolar protein 9 | NOP9 | -0.196 | 1.713653379 |
| Replication factor C subunit 3 | RFC3 | -0.196 | 2.702276196 |
| Prefoldin subunit 2 | PFDN2 | -0.195 | 2.126526288 |
| DBIRD complex subunit ZNF326 | ZNF326 | -0.195 | 2.518747943 |
| 40S ribosomal protein S3a | RPS3A | -0.194 | 2.973321379 |
| Replication factor C subunit 1 | RFC1 | -0.194 | 2.455840082 |
| Splicing factor, suppressor of white-apricot homolog | SFSWAP | -0.193 | 1.431512445 |
| DnaJ homolog subfamily B member 12 | DNAJB12 | -0.193 | 1.670651683 |
| Nuclear cap-binding protein subunit 2 | NCBP2 | -0.193 | 1.637342811 |
| Circadian locomoter output cycles protein kaput | CLOCK | -0.193 | 1.8029802 |
| Phosphatidylinositol 4-kinase alpha | PI4KA | -0.192 | 3.301025668 |
| Putative oxidoreductase GLYR1 | GLYR1 | -0.192 | 1.844635713 |
| Histone H1.5 | H1-5 | -0.192 | 1.729540125 |
| Apoptosis-stimulating of p53 protein 2 | TP53BP2 | -0.191 | 1.417882491 |
| Vacuolar protein sorting-associated protein 29 | VPS29 | -0.191 | 2.682534905 |
| Selenoprotein S | SELENOS | -0.191 | 1.640808355 |
| Splicing factor 3B subunit 4 | SF3B4 | -0.190 | 1.359279108 |
| 40S ribosomal protein S27 | RPS27 | -0.190 | 2.568109342 |
| Condensin complex subunit 1 | NCAPD2 | -0.190 | 4.523696959 |
| Protein wntless homolog | WLS | -0.190 | 1.760517388 |
| Myocardin-related transcription factor B | MRTFB | -0.190 | 1.66025749 |
| Histone H4 | H4-16 | -0.190 | 3.439366027 |
| UPF0415 protein C7orf25 | C7orf25 | -0.189 | 1.596590293 |
| Receptor of activated protein C kinase 1 | RACK1 | -0.189 | 3.387357323 |
| Peroxisome biogenesis factor 1 | PEX1 | -0.189 | 1.437281426 |
| Nuclear receptor-binding protein | NRBP1 | -0.189 | 1.674800878 |
| Tyrosine-protein kinase BAZ1B | BAZ1B | -0.189 | 2.210870222 |
| E3 ubiquitin-protein ligase RNF14 | RNF14 | -0.188 | 1.30537346 |
| E3 ubiquitin-protein ligase MARCHF5 | MARCHF5 | -0.188 | 1.571191407 |
| Zinc finger CCCH domain-containing protein 15 | ZC3H15 | -0.188 | 1.74169798 |
| 40S ribosomal protein S25 | RPS25 | -0.188 | 2.303593721 |
| Probable arginine--tRNA ligase, mitochondrial | RARS2 | -0.187 | 2.107255237 |
| Regulation of nuclear pre-mRNA domain-containing protein 2 | RPRD2 | -0.187 | 1.865713718 |
| U3 small nucleolar ribonucleoprotein protein MPP10 | MPHOSPH10 | -0.187 | 1.619282537 |
| Large subunit GTPase 1 homolog | LSG1 | -0.187 | 1.85430633 |
| Kinesin-like protein KIF15 | KIF15 | -0.186 | 3.24559225 |
| Leucine-rich PPR motif-containing protein, mitochondrial | LRPPRC | -0.186 | 3.586792478 |
| Activity-dependent neuroprotector homeobox protein | ADNP | -0.186 | 1.733263522 |
| PHD finger protein 3 | PHF3 | -0.186 | 2.401711528 |
| DNA-directed RNA polymerase I subunit RPA2 | POLR1B | -0.186 | 1.557880092 |
| Transcription termination factor 2 | TTF2 | -0.185 | 2.230463241 |
| Structural maintenance of chromosomes protein 5 | SMC5 | -0.185 | 1.765929801 |
| Coiled-coil and C2 domain-containing protein 1A | CC2D1A | -0.185 | 2.265563864 |
| Integrator complex subunit 1 | INTS1 | -0.185 | 1.580428249 |
| Guanine nucleotide-binding protein subunit alpha-12 | GNA12 | -0.185 | 1.993818355 |
| 28S ribosomal protein S25, mitochondrial | MRPS25 | -0.185 | 1.576381979 |
| Polymerase delta-interacting protein 2 | POLDIP2 | -0.184 | 2.421443222 |
| Pumilio homolog 1 | PUM1 | -0.184 | 3.994738562 |
| S-adenosylhomocysteine hydrolase-like protein 1 | AHCYL1 | -0.184 | 2.012789507 |
| Syntaxin-binding protein 3 | STXBP3 | -0.184 | 2.831496025 |
| 28S ribosomal protein S26, mitochondrial | MRPS26 | -0.184 | 1.94316229 |
| Glycine amidinotransferase, mitochondrial | GATM | -0.184 | 1.468856869 |
| Structural maintenance of chromosomes protein 1A | SMC1A | -0.183 | 1.539863313 |
| Nucleolar protein 4-like | NOL4L | -0.182 | 1.354819181 |
| Erbin | ERBIN | -0.182 | 1.828550411 |
| Regulator of microtubule dynamics protein 1 | RMDN1 | -0.182 | 1.520859606 |
| Phosphoinositide 3-kinase regulatory subunit 4 | PIK3R4 | -0.182 | 3.028926296 |
| Proliferating cell nuclear antigen | PCNA | -0.181 | 1.834051684 |
| Zinc finger HIT domain-containing protein 2 | ZNHIT2 | -0.180 | 1.38748997 |
| Golgi-associated PDZ and coiled-coil motif-containing protein | GOPC | -0.180 | 1.737476847 |
| Probable ATP-dependent RNA helicase DDX31 | DDX31 | -0.180 | 1.527565459 |
| Cytoskeleton-associated protein 5 | CKAP5 | -0.179 | 4.692687769 |
| Multiple inositol polyphosphate phosphatase 1 | MINPP1 | -0.179 | 2.901389769 |
| Calcium-binding protein 39 | CAB39 | -0.179 | 1.698997776 |
| Histone H2A type 3 | H2AW | -0.179 | 2.273821957 |
| Exosome complex component RRP43 | EXOSC8 | -0.178 | 1.793791382 |
| Receptor expression-enhancing protein 4 | REEP4 | -0.178 | 1.929434886 |
| Eukaryotic peptide chain release factor subunit 1 | ETF1 | -0.177 | 2.784221252 |
| 3-hydroxyisobutyrate dehydrogenase, mitochondrial | HIBADH | -0.177 | 1.411208989 |
| Poly(U)-binding-splicing factor PUF60 | PUF60 | -0.176 | 3.199792714 |
| ATP-dependent RNA helicase DHX29 | DHX29 | -0.176 | 3.14378877 |
| Lysine-specific histone demethylase 1A | KDM1A | -0.175 | 3.230293647 |
| Pleckstrin homology domain-containing family A member 7 | PLEKHA7 | -0.175 | 1.445098881 |
| CDK2-associated and cullin domain-containing protein 1 | CACUL1 | -0.175 | 1.42442746 |
| Histone deacetylase 2 | HDAC2 | -0.175 | 2.509034953 |
| Zinc finger CCCH domain-containing protein 14 | ZC3H14 | -0.175 | 2.276779088 |
| Elongation factor Ts, mitochondrial | TSFM | -0.174 | 1.540419467 |
| Telomere-associated protein RIF1 | RIF1 | -0.174 | 2.633410595 |
| 116 kDa U5 small nuclear ribonucleoprotein component | EFTUD2 | -0.174 | 2.387319934 |
| Serine/threonine-protein kinase ATR | ATR | -0.174 | 1.499626586 |
| Holocytochrome c-type synthase | HCCS | -0.174 | 1.482149891 |
| WD repeat and HMG-box DNA-binding protein 1 | WDHD1 | -0.174 | 2.837846376 |
| Cytoplasmic protein NCK1 | NCK1 | -0.173 | 2.515339602 |
| E3 ubiquitin-protein ligase HECTD3 | HECTD3 | -0.173 | 1.743881895 |
| Glutamine-rich protein 1 | QRICH1 | -0.173 | 1.97839945 |
| RNA-splicing ligase RtcB homolog | RTCB | -0.173 | 3.716996506 |
| ATPase MORC2 | MORC2 | -0.173 | 1.613574201 |
| Sperm-associated antigen 7 | SPAG7 | -0.172 | 1.72316212 |
| 3-hydroxyacyl-CoA dehydrogenase type-2 | HSD17B10 | -0.172 | 1.504888507 |
| General transcription factor IIF subunit 2 | GTF2F2 | -0.171 | 2.070635948 |
| UBX domain-containing protein 1 | UBXN1 | -0.171 | 1.775948053 |
| E3 ubiquitin-protein ligase Itchy homolog | ITCH | -0.171 | 1.739947194 |
| Elongation factor Tu, mitochondrial | TUFM | -0.170 | 4.055145063 |
| COP9 signalosome complex subunit 3 | COPS3 | -0.170 | 2.859131759 |
| Mitochondrial import inner membrane translocase subunit TIM50 | TIMM50 | -0.170 | 1.499148563 |
| Thyroid receptor-interacting protein 11 | TRIP11 | -0.169 | 2.946621884 |
| Serine hydroxymethyltransferase, mitochondrial | SHMT2 | -0.169 | 1.743678744 |
| BPI fold-containing family A member 3 | BPIFA3 | -0.169 | 1.451570259 |
| UHRF1-binding protein 1-like | UHRF1BP1L | -0.169 | 1.476057607 |
| Autophagy-related protein 2 homolog A | ATG2A | -0.169 | 1.949650202 |
| 40S ribosomal protein S16 | RPS16 | -0.169 | 3.393948841 |
| Histone H2A.V | H2AZ2 | -0.168 | 3.185812781 |
| Prefoldin subunit 6 | PFDN6 | -0.168 | 1.726991388 |
| ATP synthase subunit gamma, mitochondrial | ATP5F1C | -0.168 | 3.7199912 |
| Mitochondrial import inner membrane translocase subunit Tim21 | TIMM21 | -0.167 | 1.755234892 |
| 40S ribosomal protein S4, X isoform | RPS4X | -0.167 | 3.688134545 |
| 39S ribosomal protein L15, mitochondrial | MRPL15 | -0.166 | 2.254196332 |
| Non-structural maintenance of chromosomes element 3 homolog | NSMCE3 | -0.165 | 1.529222722 |
| Cleavage and polyadenylation specificity factor subunit 2 | CPSF2 | -0.165 | 2.461436737 |
| DNA damage-binding protein 1 | DDB1 | -0.165 | 3.617551637 |
| Serine/threonine-protein phosphatase 6 regulatory ankyrin repeat subunit B | ANKRD44 | -0.164 | 1.532372311 |
| RNA-binding protein 28 | RBM28 | -0.164 | 1.54009884 |
| Translation factor GUF1, mitochondrial | GUF1 | -0.164 | 1.359128636 |
| Transmembrane protein 70, mitochondrial | TMEM70 | -0.164 | 1.411538237 |
| Electron transfer flavoprotein subunit beta | ETFB | -0.163 | 1.592196739 |
| Centrosomal protein of 85 kDa | CEP85 | -0.163 | 1.913807735 |
| 40S ribosomal protein S17 | RPS17 | -0.163 | 3.177363652 |
| Multiple PDZ domain protein | MPDZ | -0.163 | 1.520859606 |
| Histone-lysine N-methyltransferase SETDB1 | SETDB1 | -0.163 | 1.594173357 |
| Dynamin-like 120 kDa protein, mitochondrial | OPA1 | -0.162 | 2.649579675 |
| Acetyl-CoA acetyltransferase, mitochondrial | ACAT1 | -0.162 | 2.650915041 |
| Coiled-coil domain-containing protein 124 | CCDC124 | -0.162 | 2.085149231 |
| DNA-directed RNA polymerase I subunit RPA49 | POLR1E | -0.162 | 1.348191264 |
| Phosphatidylinositol 4-kinase beta | PI4KB | -0.162 | 2.075721301 |
| Ras GTPase-activating protein-binding protein 1 | G3BP1 | -0.161 | 2.873860189 |
| 60 kDa heat shock protein, mitochondrial | HSPD1 | -0.160 | 2.820135602 |
| Calcium uptake protein 1, mitochondrial | MICU1 | -0.160 | 1.689535564 |
| GATOR complex protein MIOS | MIOS | -0.160 | 2.319808997 |
| RNA-binding protein 34 | RBM34 | -0.159 | 2.495659327 |
| Pseudouridylate synthase 7 homolog-like protein | PUS7L | -0.159 | 1.463767182 |
| Succinate--CoA ligase [GDP-forming] subunit beta, mitochondrial | SUCLG2 | -0.157 | 3.109813245 |
| SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 5 | SMARCA5 | -0.157 | 2.0198237 |
| tRNA methyltransferase 10 homolog C | TRMT10C | -0.156 | 1.804742679 |
| Polyribonucleotide 5'-hydroxyl-kinase Clp1 | CLP1 | -0.156 | 1.528117572 |
| Developmentally-regulated GTP-binding protein 1 | DRG1 | -0.155 | 2.295167527 |
| SLIT-ROBO Rho GTPase-activating protein 2 | SRGAP2 | -0.155 | 1.486836822 |
| Histone deacetylase complex subunit SAP30 | SAP30 | -0.154 | 1.699610983 |
| DNA topoisomerase 1 | TOP1 | -0.154 | 3.222127914 |
| Cytosolic 5'-nucleotidase 3A | NT5C3A | -0.154 | 2.05364951 |
| 40S ribosomal protein S6 | RPS6 | -0.154 | 2.044958761 |
| Golgin subfamily A member 2 | GOLGA2 | -0.154 | 1.411538237 |
| General transcription factor II-I | GTF2I | -0.153 | 2.876784184 |
| Sorting nexin-27 | SNX27 | -0.152 | 1.584556529 |
| WAS protein family homolog 2 | WASH2P | -0.152 | 1.439436505 |
| Prohibitin | PHB | -0.152 | 1.848824064 |
| Ribosomal RNA processing protein 1 homolog A | RRP1 | -0.151 | 1.548629357 |
| Peptidyl-prolyl cis-trans isomerase-like 4 | PPIL4 | -0.150 | 1.461483483 |
| Zinc finger protein 346 | ZNF346 | -0.150 | 1.646779654 |
| Chromodomain-helicase-DNA-binding protein 1 | CHD1 | -0.150 | 1.394185708 |
| Methionine adenosyltransferase 2 subunit beta | MAT2B | -0.149 | 1.48059578 |
| Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-12 | GNG12 | -0.149 | 1.381475681 |
| SR-related and CTD-associated factor 8 | SCAF8 | -0.149 | 2.007752223 |
| Heat shock protein 75 kDa, mitochondrial | TRAP1 | -0.149 | 2.000219501 |
| Tryptophan--tRNA ligase, mitochondrial | WARS2 | -0.148 | 1.363633341 |
| Alpha-taxilin | TXLNA | -0.148 | 2.354608673 |
| Palladin | PALLD | -0.146 | 1.774565983 |
| Electron transfer flavoprotein subunit alpha, mitochondrial | ETFA | -0.146 | 1.806342395 |
| 40S ribosomal protein S11 | RPS11 | -0.146 | 1.88348201 |
| PH-interacting protein | PHIP | -0.146 | 1.775150178 |
| Trafficking protein particle complex subunit 12 | TRAPPC12 | -0.145 | 2.025587384 |
| Interferon-induced, double-stranded RNA-activated protein kinase | EIF2AK2 | -0.145 | 2.33993804 |
| Vigilin | HDLBP | -0.145 | 3.177363652 |
| Nucleoporin NUP188 | NUP188 | -0.144 | 1.702427127 |
| Charged multivesicular body protein 1b | CHMP1B | -0.143 | 1.476057607 |
| SNW domain-containing protein 1 | SNW1 | -0.143 | 1.352772192 |
| GTP-binding protein 10 | GTPBP10 | -0.142 | 1.427372435 |
| Serine/threonine-protein phosphatase PP1-beta catalytic subunit | PPP1CB | -0.142 | 2.114325028 |
| Signal recognition particle receptor subunit beta | SRPRB | -0.141 | 1.359147744 |
| tRNA pseudouridine synthase A | PUS1 | -0.141 | 1.461483483 |
| Cystathionine beta-synthase-like protein | CBSL | -0.140 | 1.81929668 |
| Gamma-taxilin | TXLNG | -0.140 | 1.339457875 |
| Eukaryotic translation initiation factor 2 subunit 3 | EIF2S3 | -0.139 | 2.601236743 |
| Translation initiation factor eIF-2B subunit gamma | EIF2B3 | -0.138 | 2.032856631 |
| Porphobilinogen deaminase | HMBS | -0.138 | 1.469603629 |
| Isovaleryl-CoA dehydrogenase, mitochondrial | IVD | -0.138 | 1.643508219 |
| 60S ribosomal protein L3 | RPL3 | -0.137 | 2.616654736 |
| DnaJ homolog subfamily A member 2 | DNAJA2 | -0.137 | 2.007470371 |
| Structural maintenance of chromosomes flexible hinge domain-containing protein 1 | SMCHD1 | -0.136 | 3.372969134 |
| Parafibromin | CDC73 | -0.136 | 1.425820305 |
| NAD(P) transhydrogenase, mitochondrial | NNT | -0.135 | 2.24731218 |
| Aminoacyl tRNA synthase complex-interacting multifunctional protein 2 | AIMP2 | -0.135 | 2.039234372 |
| 40S ribosomal protein S2 | RPS2 | -0.135 | 1.960138188 |
| Dynein assembly factor 5, axonemal | DNAAF5 | -0.134 | 1.499284923 |
| DnaJ homolog subfamily C member 7 | DNAJC7 | -0.134 | 2.088462063 |
| Probable glutathione peroxidase 8 | GPX8 | -0.133 | 1.355386161 |
| Plexin-D1 | PLXND1 | -0.132 | 1.332715642 |
| 60S ribosomal protein L30 | RPL30 | -0.132 | 1.731956905 |
| Coiled-coil domain-containing protein 6 | CCDC6 | -0.132 | 1.327425308 |
| Cell cycle and apoptosis regulator protein 2 | CCAR2 | -0.132 | 1.631803289 |
| Probable E3 ubiquitin-protein ligase IRF2BPL | IRF2BPL | -0.131 | 1.606359352 |
| ADP-ribose pyrophosphatase, mitochondrial | NUDT9 | -0.131 | 1.873994233 |
| Tyrosine--tRNA ligase, cytoplasmic | YARS1 | -0.129 | 1.476709492 |
| TP53-binding protein 1 | TP53BP1 | -0.127 | 1.374475352 |
| Mitotic checkpoint protein BUB3 | BUB3 | -0.127 | 2.004649812 |
| Glutamate dehydrogenase 1, mitochondrial | GLUD1 | -0.126 | 1.961236655 |
| 10 kDa heat shock protein, mitochondrial | HSPE1 | -0.126 | 1.377794493 |
| Mitochondrial import receptor subunit TOM70 | TOMM70 | -0.125 | 1.640828004 |
| 40S ribosomal protein S18 | RPS18 | -0.124 | 2.079760876 |
| DNA methyltransferase 1-associated protein 1 | DMAP1 | -0.124 | 1.881499274 |
| Adenylosuccinate synthetase isozyme 2 | ADSS2 | -0.124 | 1.873994233 |
| ER membrane protein complex subunit 7 | EMC7 | -0.124 | 1.480365497 |
| CCA tRNA nucleotidyltransferase 1, mitochondrial | TRNT1 | -0.123 | 1.596314701 |
| E3 ubiquitin-protein ligase TRIM33 | TRIM33 | -0.122 | 1.716095923 |
| 40S ribosomal protein S23 | RPS23 | -0.119 | 1.600906995 |
| Serine/Arginine-related protein 53 | RSRC1 | -0.118 | 1.308893353 |
| Cyclin-dependent kinase 11B | CDK11B | -0.118 | 1.427372435 |
| Alanine--tRNA ligase, cytoplasmic | AARS1 | -0.118 | 1.50673836 |
| 60S ribosomal protein L13 | RPL13 | -0.117 | 1.649419743 |
| 60S ribosomal protein L7a | RPL7A | -0.116 | 1.595532922 |
| 40S ribosomal protein S13 | RPS13 | -0.116 | 1.64594861 |
| 40S ribosomal protein S19 | RPS19 | -0.115 | 2.15367319 |
| 40S ribosomal protein S9 | RPS9 | -0.113 | 1.969069077 |
| ATP synthase subunit beta, mitochondrial | ATP5F1B | -0.113 | 2.467524499 |
| Sister chromatid cohesion protein PDS5 homolog A | PDS5A | -0.112 | 1.601841935 |
| Alpha-ketoglutarate-dependent dioxygenase FTO | FTO | -0.112 | 1.752896455 |
| Dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial | DLAT | -0.109 | 1.461873494 |
| Breast cancer anti-estrogen resistance protein 1 | BCAR1 | -0.103 | 1.548676765 |
| Heat shock protein HSP 90-beta | HSP90AB1 | -0.103 | 2.197464523 |
| 26S proteasome non-ATPase regulatory subunit 2 | PSMD2 | -0.103 | 2.010771566 |
| 60S ribosomal protein L23a | RPL23A | -0.103 | 1.697595838 |
| Nucleolar RNA helicase 2 | DDX21 | -0.102 | 1.375034275 |
| Fumarate hydratase, mitochondrial | FH | -0.101 | 2.0831117 |
| RNA polymerase-associated protein CTR9 homolog | CTR9 | -0.101 | 1.507122153 |
| Zinc finger CCCH-type antiviral protein 1 | ZC3HAV1 | -0.101 | 1.944511588 |
| Mitochondrial-processing peptidase subunit beta | PMPCB | -0.099 | 1.552307129 |
| ATP-binding cassette sub-family F member 3 | ABCF3 | -0.097 | 1.673349476 |
| 26S proteasome regulatory subunit 7 | PSMC2 | -0.097 | 1.66025749 |
| Pre-mRNA-splicing factor ATP-dependent RNA helicase PRP16 | DHX38 | -0.096 | 1.32494391 |
| Splicing factor 3B subunit 1 | SF3B1 | -0.095 | 2.243259392 |
| Ubiquitin carboxyl-terminal hydrolase 47 | USP47 | -0.093 | 1.397075372 |
| Ribosome maturation protein SBDS | SBDS | -0.091 | 1.327909138 |
| Condensin complex subunit 3 | NCAPG | -0.084 | 1.359443469 |

1. **Increased proteins after VLX600 treatment**

|  |  |  |  |
| --- | --- | --- | --- |
| Protein names | Gene names | VLX/DMSO [log2] | -log10 adj. p-value |
| Rho-associated protein kinase 2 | ROCK2 | 0.075 | 1.326669198 |
| General vesicular transport factor p115 | USO1 | 0.083 | 1.310307167 |
| RNA-binding motif protein, X chromosome | RBMX | 0.083 | 1.440067274 |
| ATP-dependent RNA helicase A | DHX9 | 0.083 | 1.414987749 |
| Regulator of nonsense transcripts 1 | UPF1 | 0.085 | 1.743146182 |
| Scaffold attachment factor B2 | SAFB2 | 0.089 | 1.628270203 |
| Polypyrimidine tract-binding protein 1 | PTBP1 | 0.090 | 1.420615428 |
| Transitional endoplasmic reticulum ATPase | VCP | 0.091 | 2.026953976 |
| Rab GDP dissociation inhibitor beta | GDI2 | 0.091 | 1.480904769 |
| AP-2 complex subunit beta | AP2B1 | 0.091 | 1.4703736 |
| Voltage-dependent anion-selective channel protein 2 | VDAC2 | 0.093 | 1.904379356 |
| Adenosylhomocysteinase | AHCY | 0.095 | 1.501610086 |
| Heterogeneous nuclear ribonucleoprotein K | HNRNPK | 0.095 | 1.679767917 |
| Nucleosome-remodeling factor subunit BPTF | BPTF | 0.096 | 1.529222722 |
| Stress-induced-phosphoprotein 1 | STIP1 | 0.098 | 1.316278101 |
| SEC23-interacting protein | SEC23IP | 0.100 | 1.570818799 |
| Serine/threonine-protein phosphatase 6 regulatory subunit 3 | PPP6R3 | 0.100 | 1.349551405 |
| ELKS/Rab6-interacting/CAST family member 1 | ERC1 | 0.100 | 1.36846222 |
| Ras-related protein Rab-10 | RAB10 | 0.101 | 1.418055787 |
| Serine/arginine-rich splicing factor 6 | SRSF6 | 0.103 | 1.408167354 |
| Protein transport protein Sec16A | SEC16A | 0.104 | 1.7625729 |
| Thioredoxin domain-containing protein 5 | TXNDC5 | 0.104 | 1.373503389 |
| Endoplasmic reticulum aminopeptidase 1 | ERAP1 | 0.104 | 1.636327826 |
| Ataxin-2-like protein | ATXN2L | 0.107 | 1.734470576 |
| Serrate RNA effector molecule homolog | SRRT | 0.107 | 1.476057607 |
| LIM domain and actin-binding protein 1 | LIMA1 | 0.107 | 1.555310517 |
| Serine/threonine-protein kinase PAK 2 | PAK2 | 0.109 | 1.329202054 |
| Lanosterol synthase | LSS | 0.109 | 1.759206429 |
| RNA cytosine C(5)-methyltransferase NSUN2 | NSUN2 | 0.109 | 1.64265325 |
| Protein PRRC2A | PRRC2A | 0.110 | 1.435918265 |
| AP-2 complex subunit alpha-2 | AP2A2 | 0.111 | 1.407593317 |
| Heterogeneous nuclear ribonucleoprotein D0 | HNRNPD | 0.112 | 1.313880648 |
| Heterogeneous nuclear ribonucleoprotein M | HNRNPM | 0.112 | 2.185181035 |
| Arf-GAP domain and FG repeat-containing protein 1 | AGFG1 | 0.114 | 1.606359352 |
| Kinectin | KTN1 | 0.114 | 1.838751309 |
| 14-3-3 protein epsilon | YWHAE | 0.114 | 2.060203625 |
| Ubiquitin-protein ligase E3C | UBE3C | 0.117 | 1.867850542 |
| Microtubule-associated protein 4 | MAP4 | 0.117 | 1.584770036 |
| Glutathione S-transferase P | GSTP1 | 0.118 | 1.841563971 |
| Testis-expressed protein 10 | TEX10 | 0.118 | 1.533505822 |
| 26S proteasome non-ATPase regulatory subunit 12 | PSMD12 | 0.118 | 1.417334661 |
| Deubiquitinase OTUD6B | OTUD6B | 0.119 | 1.701526204 |
| Tubulin beta chain | TUBB | 0.119 | 2.143371421 |
| NAD(P)H-hydrate epimerase | NAXE | 0.120 | 1.416346628 |
| Cullin-associated NEDD8-dissociated protein 1 | CAND1 | 0.120 | 2.467008734 |
| Molybdopterin synthase catalytic subunit | MOCS2 | 0.122 | 1.574734043 |
| Importin-9 | IPO9 | 0.123 | 2.000046272 |
| Importin subunit beta-1 | KPNB1 | 0.123 | 1.605363841 |
| Epidermal growth factor receptor substrate 15-like 1 | EPS15L1 | 0.123 | 1.450025985 |
| Ubiquitin recognition factor in ER-associated degradation protein 1 | UFD1 | 0.124 | 1.325873944 |
| Clathrin heavy chain 1 | CLTC | 0.124 | 1.792516998 |
| Heat shock 70 kDa protein 13 | HSPA13 | 0.124 | 1.499617494 |
| Platelet-activating factor acetylhydrolase IB subunit alpha1 | PAFAH1B3 | 0.124 | 1.417363325 |
| Serine/threonine-protein phosphatase 2B catalytic subunit alpha isoform | PPP3CA | 0.125 | 1.581176451 |
| Synapse-associated protein 1 | SYAP1 | 0.125 | 1.979510285 |
| Treacle protein | TCOF1 | 0.127 | 2.442473587 |
| Serine/arginine repetitive matrix protein 2 | SRRM2 | 0.127 | 1.57677996 |
| Protein FAM91A1 | FAM91A1 | 0.128 | 1.306355753 |
| Nucleoside diphosphate kinase B | NME2 | 0.129 | 1.930346064 |
| Peptidyl-prolyl cis-trans isomerase FKBP5 | FKBP5 | 0.129 | 1.922930892 |
| Signal recognition particle subunit SRP68 | SRP68 | 0.130 | 3.00083039 |
| ATP-dependent 6-phosphofructokinase, muscle type | PFKM | 0.130 | 1.565128568 |
| Nuclear receptor coactivator 5 | NCOA5 | 0.130 | 1.668374155 |
| Protein TFG | TFG | 0.130 | 1.46852715 |
| CD2-associated protein | CD2AP | 0.130 | 1.351729773 |
| Eukaryotic translation initiation factor 4E | EIF4E | 0.130 | 1.424217896 |
| Neutral alpha-glucosidase AB | GANAB | 0.130 | 1.865713718 |
| Ras-related GTP-binding protein A | RRAGA | 0.130 | 1.574734043 |
| Merlin | NF2 | 0.130 | 1.716821284 |
| Nuclear protein localization protein 4 homolog | NPLOC4 | 0.131 | 1.822120922 |
| Prolyl 3-hydroxylase 1 | P3H1 | 0.131 | 1.641226006 |
| Protein-L-isoaspartate(D-aspartate) O-methyltransferase | PCMT1 | 0.131 | 1.657645363 |
| Heterogeneous nuclear ribonucleoprotein U-like protein 1 | HNRNPUL1 | 0.132 | 2.317815522 |
| Alpha-parvin | PARVA | 0.132 | 1.411235193 |
| Serine/threonine-protein kinase TAO2 | TAOK2 | 0.132 | 1.382834378 |
| Sarcoplasmic/endoplasmic reticulum calcium ATPase 2 | ATP2A2 | 0.133 | 1.989691188 |
| Actin-related protein 2 | ACTR2 | 0.134 | 1.30403057 |
| Proteasome subunit beta type-3 | PSMB3 | 0.134 | 1.524785118 |
| U1 small nuclear ribonucleoprotein 70 kDa | SNRNP70 | 0.134 | 1.417027705 |
| Omega-amidase NIT2 | NIT2 | 0.135 | 1.615104381 |
| Protein diaphanous homolog 1 | DIAPH1 | 0.135 | 3.458632974 |
| Exportin-7 | XPO7 | 0.136 | 2.208248731 |
| Enolase-phosphatase E1 | ENOPH1 | 0.136 | 1.841563971 |
| 3'(2'),5'-bisphosphate nucleotidase 1 | BPNT1 | 0.136 | 1.381099045 |
| PAX-interacting protein 1 | PAXIP1 | 0.136 | 1.52669869 |
| Guanine nucleotide-binding protein subunit alpha-11 | GNA11 | 0.136 | 1.312165571 |
| Transmembrane emp24 domain-containing protein 10 | TMED10 | 0.136 | 2.007470371 |
| Rabankyrin-5 | ANKFY1 | 0.137 | 1.844635713 |
| Hepatocyte growth factor-regulated tyrosine kinase substrate | HGS | 0.137 | 1.957812536 |
| Activating signal cointegrator 1 | TRIP4 | 0.138 | 1.621127868 |
| Isoamyl acetate-hydrolyzing esterase 1 homolog | IAH1 | 0.138 | 1.340995642 |
| Protein transport protein Sec24B | SEC24B | 0.139 | 1.49482364 |
| Src substrate cortactin | CTTN | 0.139 | 1.927358425 |
| Tropomodulin-3 | TMOD3 | 0.139 | 1.417334661 |
| Peflin | PEF1 | 0.139 | 1.406949195 |
| Casein kinase II subunit alpha' | CSNK2A2 | 0.140 | 2.466497705 |
| Spermidine synthase | SRM | 0.140 | 1.500508301 |
| Nuclear factor NF-kappa-B p105 subunit | NFKB1 | 0.140 | 1.526217602 |
| Tubulin-specific chaperone C | TBCC | 0.140 | 1.537928611 |
| Kinesin-like protein KIF3B | KIF3B | 0.143 | 2.270297341 |
| Centrosomal protein of 170 kDa | CEP170 | 0.144 | 2.378564398 |
| Voltage-dependent anion-selective channel protein 1 | VDAC1 | 0.144 | 2.788383343 |
| Muscleblind-like protein 1 | MBNL1 | 0.144 | 1.919031218 |
| RNA-binding protein 12 | RBM12 | 0.145 | 2.217884459 |
| 26S proteasome regulatory subunit 6B | PSMC4 | 0.145 | 1.340778892 |
| Tubulin alpha-1C chain | TUBA1C | 0.145 | 3.691115379 |
| NHS-like protein 1 | NHSL1 | 0.145 | 1.578852185 |
| Ubiquitin carboxyl-terminal hydrolase 7 | USP7 | 0.145 | 2.903171764 |
| Fermitin family homolog 2 | FERMT2 | 0.146 | 1.571191407 |
| Selenide, water dikinase 1 | SEPHS1 | 0.146 | 2.15367319 |
| Cytoskeleton-associated protein 4 | CKAP4 | 0.146 | 1.637778964 |
| Thyroid hormone receptor-associated protein 3 | THRAP3 | 0.146 | 2.104690384 |
| Neuroblastoma-amplified sequence | NBAS | 0.147 | 1.746730441 |
| Twinfilin-2 | TWF2 | 0.147 | 1.834729782 |
| Ubiquitin-conjugating enzyme E2 N | UBE2N | 0.147 | 1.632258189 |
| GDP-fucose protein O-fucosyltransferase 1 | POFUT1 | 0.148 | 1.476450781 |
| RAB11-binding protein RELCH | RELCH | 0.148 | 1.77501119 |
| Far upstream element-binding protein 3 | FUBP3 | 0.148 | 2.237160965 |
| Protein polybromo-1 | PBRM1 | 0.149 | 2.504694058 |
| Aldo-keto reductase family 1 member B1 | AKR1B1 | 0.149 | 1.611110874 |
| Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 2 | RPN2 | 0.150 | 2.955995747 |
| E3 ubiquitin-protein ligase NEDD4-like | NEDD4L | 0.150 | 1.604339921 |
| Tumor protein D54 | TPD52L2 | 0.150 | 2.091989298 |
| Coiled-coil domain-containing protein 93 | CCDC93 | 0.151 | 1.357038415 |
| Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 1 | RPN1 | 0.151 | 1.379668406 |
| Mitochondrial-processing peptidase subunit alpha | PMPCA | 0.152 | 1.762593998 |
| Inositol polyphosphate 1-phosphatase | INPP1 | 0.152 | 1.42497668 |
| CASP8-associated protein 2 | CASP8AP2 | 0.152 | 1.520859606 |
| Oligosaccharyltransferase complex subunit OSTC | OSTC | 0.152 | 1.548648031 |
| Dipeptidyl peptidase 9 | DPP9 | 0.152 | 2.331878683 |
| Methionine aminopeptidase 2 | METAP2 | 0.153 | 1.807146263 |
| Hsp90 co-chaperone Cdc37 | CDC37 | 0.153 | 2.460136751 |
| Very-long-chain 3-oxoacyl-CoA reductase | HSD17B12 | 0.153 | 2.207883552 |
| Actin-related protein 3 | ACTR3 | 0.153 | 1.481267597 |
| Phospholipid-transporting ATPase IG | ATP11C | 0.153 | 1.349551405 |
| Very-long-chain (3R)-3-hydroxyacyl-CoA dehydratase 3 | HACD3 | 0.155 | 1.557880092 |
| Spliceosome RNA helicase DDX39B | DDX39B | 0.156 | 2.421965035 |
| Adenylyl cyclase-associated protein 1 | CAP1 | 0.156 | 2.694198409 |
| Transcriptional activator protein Pur-alpha | PURA | 0.156 | 1.862918768 |
| FH1/FH2 domain-containing protein 1 | FHOD1 | 0.157 | 1.510344136 |
| 14-3-3 protein zeta/delta | YWHAZ | 0.157 | 3.236961615 |
| Synaptic functional regulator FMR1 | FMR1 | 0.157 | 1.6749177 |
| Ras-related protein Rab-1A | RAB1A | 0.157 | 2.615467531 |
| Zinc finger MYM-type protein 3 | ZMYM3 | 0.157 | 1.594355172 |
| Unconventional myosin-VI | MYO6 | 0.157 | 2.372643383 |
| SLAIN motif-containing protein 2 | SLAIN2 | 0.158 | 1.500508301 |
| Inositol 1,4,5-trisphosphate receptor type 3 | ITPR3 | 0.159 | 2.237160965 |
| Eukaryotic initiation factor 4A-III | EIF4A3 | 0.160 | 3.151578329 |
| A-kinase anchor protein 8 | AKAP8 | 0.160 | 1.545886337 |
| La-related protein 7 | LARP7 | 0.161 | 2.000046272 |
| UPF0687 protein C20orf27 | C20orf27 | 0.161 | 1.49987271 |
| 4'-phosphopantetheine phosphatase | PANK4 | 0.161 | 2.614779025 |
| Ras GTPase-activating protein 1 | RASA1 | 0.162 | 1.524504761 |
| Phosphatidylinositol transfer protein alpha isoform | PITPNA | 0.162 | 1.51550811 |
| Protein phosphatase 1F | PPM1F | 0.162 | 1.308454903 |
| Ran-specific GTPase-activating protein | RANBP1 | 0.162 | 2.421443222 |
| Transducin beta-like protein 2 | TBL2 | 0.162 | 2.161911965 |
| Ras suppressor protein 1 | RSU1 | 0.162 | 1.604447119 |
| Protein DDI1 homolog 2 | DDI2 | 0.162 | 1.363108682 |
| 1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase eta-1 | PLCH1 | 0.163 | 1.489971374 |
| Endoplasmic reticulum transmembrane helix translocase | ATP13A1 | 0.163 | 2.70733662 |
| Serine/threonine-protein kinase N1 | PKN1 | 0.163 | 2.139013856 |
| Beta-hexosaminidase subunit alpha | HEXA | 0.164 | 1.367166832 |
| Dedicator of cytokinesis protein 1 | DOCK1 | 0.164 | 2.149606942 |
| Core histone macro-H2A.1 | MACROH2A1 | 0.164 | 3.409804504 |
| Peptidyl-prolyl cis-trans isomerase FKBP9 | FKBP9 | 0.164 | 1.529222722 |
| 14-3-3 protein theta | YWHAQ | 0.164 | 2.131226797 |
| WD repeat-containing protein 1 | WDR1 | 0.164 | 1.703639449 |
| Calcium/calmodulin-dependent protein kinase type II subunit gamma | CAMK2G | 0.165 | 1.515175947 |
| Armadillo-like helical domain-containing protein 3 | ARMH3 | 0.165 | 1.311975002 |
| m7GpppX diphosphatase | DCPS | 0.165 | 1.606359352 |
| KH domain-containing, RNA-binding, signal transduction-associated protein 1 | KHDRBS1 | 0.165 | 2.198074545 |
| Platelet-activating factor acetylhydrolase IB subunit beta | PAFAH1B1 | 0.165 | 1.755891173 |
| Microtubule-associated protein RP/EB family member 1 | MAPRE1 | 0.166 | 1.904915791 |
| AP-1 complex subunit beta-1 | AP1B1 | 0.166 | 2.901389769 |
| Acidic leucine-rich nuclear phosphoprotein 32 family member B | ANP32B | 0.166 | 2.997634108 |
| V-type proton ATPase 116 kDa subunit a1 | ATP6V0A1 | 0.167 | 2.110025341 |
| Intersectin-1 | ITSN1 | 0.167 | 1.789281879 |
| YTH domain-containing protein 1 | YTHDC1 | 0.168 | 1.404151048 |
| Hepatoma-derived growth factor-related protein 3 | HDGFL3 | 0.168 | 1.99712719 |
| Peptidyl-prolyl cis-trans isomerase A | PPIA | 0.168 | 3.631132858 |
| Oxysterol-binding protein-related protein 9 | OSBPL9 | 0.168 | 1.887924911 |
| Serine/arginine-rich splicing factor 11 | SRSF11 | 0.168 | 2.181475339 |
| Tight junction protein ZO-2 | TJP2 | 0.169 | 2.059629518 |
| Phosphomannomutase 2 | PMM2 | 0.169 | 2.987746262 |
| Atlastin-3 | ATL3 | 0.169 | 1.649915015 |
| OTU domain-containing protein 7B | OTUD7B | 0.169 | 1.31768117 |
| Flap endonuclease 1 | FEN1 | 0.169 | 1.344064898 |
| Early endosome antigen 1 | EEA1 | 0.169 | 3.431773491 |
| Lethal(2) giant larvae protein homolog 1 | LLGL1 | 0.170 | 1.407443926 |
| Twinfilin-1 | TWF1 | 0.170 | 2.516171689 |
| Rho GDP-dissociation inhibitor 1 | ARHGDIA | 0.170 | 1.596019652 |
| Microtubule-associated protein 1B | MAP1B | 0.170 | 4.730482771 |
| Nicalin | NCLN | 0.171 | 2.347269221 |
| Death-inducer obliterator 1 | DIDO1 | 0.171 | 2.245296825 |
| Transmembrane emp24 domain-containing protein 2 | TMED2 | 0.171 | 2.387319934 |
| Coronin-1A | CORO1A | 0.172 | 2.165612477 |
| Echinoderm microtubule-associated protein-like 1 | EML1 | 0.172 | 1.8029802 |
| Clathrin light chain A | CLTA | 0.172 | 1.376278048 |
| Golgi reassembly-stacking protein 2 | GORASP2 | 0.172 | 2.391640507 |
| Serine/arginine-rich splicing factor 2 | SRSF2 | 0.172 | 1.368900838 |
| Heterogeneous nuclear ribonucleoprotein U-like protein 2 | HNRNPUL2 | 0.172 | 2.42602501 |
| Far upstream element-binding protein 2 | KHSRP | 0.172 | 3.915738087 |
| Adenosylhomocysteinase 3 | AHCYL2 | 0.173 | 1.611288229 |
| Protein ERGIC-53 | LMAN1 | 0.173 | 1.620134365 |
| Protein bicaudal D homolog 1 | BICD1 | 0.173 | 2.088139319 |
| TBC1 domain family member 10B | TBC1D10B | 0.173 | 2.114792067 |
| Phospholipid-transporting ATPase IF | ATP11B | 0.173 | 1.997614441 |
| Purine nucleoside phosphorylase | PNP | 0.174 | 1.66091424 |
| Calpain small subunit 1 | CAPNS1 | 0.174 | 2.032904651 |
| Acyl-CoA:lysophosphatidylglycerol acyltransferase 1 | LPGAT1 | 0.174 | 1.424939059 |
| DCC-interacting protein 13-alpha | APPL1 | 0.174 | 2.441480401 |
| Fatty acid-binding protein, brain | FABP7 | 0.174 | 1.825416551 |
| LRP chaperone MESD | MESD | 0.175 | 2.55793647 |
| Torsin-1A-interacting protein 2 | TOR1AIP2 | 0.175 | 1.327507273 |
| Cysteine protease ATG4B | ATG4B | 0.175 | 1.722599035 |
| Biotin--protein ligase | HLCS | 0.175 | 1.657744934 |
| Nucleoside diphosphate kinase A | NME1 | 0.175 | 2.615467531 |
| Spindlin-1 | SPIN1 | 0.175 | 1.402348254 |
| Ubiquitin-like modifier-activating enzyme 1 | UBA1 | 0.175 | 3.445127935 |
| Transcription elongation regulator 1 | TCERG1 | 0.176 | 2.815350292 |
| Huntingtin | HTT | 0.176 | 1.446732583 |
| Mitogen-activated protein kinase 1 | MAPK1 | 0.176 | 2.473643491 |
| Dihydropyrimidinase-related protein 5 | DPYSL5 | 0.176 | 1.348978929 |
| RNA-binding protein 33 | RBM33 | 0.177 | 2.019351108 |
| Nucleolin | NCL | 0.177 | 3.399677495 |
| CD44 antigen | CD44 | 0.178 | 3.255967057 |
| Protein O-mannose kinase | POMK | 0.178 | 1.351799366 |
| CTTNBP2 N-terminal-like protein | CTTNBP2NL | 0.178 | 1.95072349 |
| Ubiquitin carboxyl-terminal hydrolase isozyme L1 | UCHL1 | 0.178 | 1.781058099 |
| Peptidyl-prolyl cis-trans isomerase FKBP3 | FKBP3 | 0.179 | 1.68776171 |
| Phosphatidylinositol 3-kinase catalytic subunit type 3 | PIK3C3 | 0.179 | 1.621127868 |
| N(G),N(G)-dimethylarginine dimethylaminohydrolase 1 | DDAH1 | 0.180 | 2.978440643 |
| Profilin-1 | PFN1 | 0.180 | 2.523558304 |
| ATP-binding cassette sub-family F member 1 | ABCF1 | 0.180 | 2.117280519 |
| Beta-glucuronidase | GUSB | 0.181 | 2.045111053 |
| Transmembrane 9 superfamily member 3 | TM9SF3 | 0.181 | 2.100288746 |
| Programmed cell death 6-interacting protein | PDCD6IP | 0.181 | 1.614740918 |
| 14-3-3 protein beta/alpha | YWHAB | 0.182 | 1.785166882 |
| CTP synthase 1 | CTPS1 | 0.182 | 2.662383009 |
| Protein RER1 | RER1 | 0.182 | 2.212526352 |
| Vinculin | VCL | 0.182 | 1.537928611 |
| Zinc finger ZZ-type and EF-hand domain-containing protein 1 | ZZEF1 | 0.182 | 1.723063713 |
| RNA-binding protein Musashi homolog 2 | MSI2 | 0.182 | 1.327909138 |
| V-type proton ATPase subunit C 1 | ATP6V1C1 | 0.183 | 1.825416551 |
| Vesicle transport protein SEC20 | BNIP1 | 0.183 | 2.052661307 |
| Ras-related protein Rab-5A | RAB5A | 0.183 | 1.803856584 |
| Trafficking protein particle complex subunit 8 | TRAPPC8 | 0.184 | 2.651601867 |
| Lysophosphatidylserine lipase ABHD12 | ABHD12 | 0.184 | 1.513342886 |
| Phosphatidylinositol 5-phosphate 4-kinase type-2 gamma | PIP4K2C | 0.184 | 2.645799516 |
| Glucose 1,6-bisphosphate synthase | PGM2L1 | 0.184 | 2.091473892 |
| Katanin p60 ATPase-containing subunit A-like 1 | KATNAL1 | 0.185 | 2.032856631 |
| Probable E3 ubiquitin-protein ligase HERC4 | HERC4 | 0.186 | 1.461483483 |
| PITH domain-containing protein 1 | PITHD1 | 0.186 | 2.145010558 |
| E3 ubiquitin-protein ligase listerin | LTN1 | 0.187 | 2.724861126 |
| Kinesin-like protein KIF11 | KIF11 | 0.188 | 1.402194782 |
| Oxysterol-binding protein-related protein 8 | OSBPL8 | 0.188 | 1.620045838 |
| Transformer-2 protein homolog beta | TRA2B | 0.188 | 1.427662095 |
| Ras-related protein Rab-33B | RAB33B | 0.189 | 2.313614774 |
| Ubiquitin-like modifier-activating enzyme 6 | UBA6 | 0.189 | 1.672859901 |
| Dual specificity mitogen-activated protein kinase kinase 2 | MAP2K2 | 0.189 | 1.425241899 |
| Talin-1 | TLN1 | 0.189 | 2.791669127 |
| Neudesin | NENF | 0.189 | 1.8491848 |
| E3 ubiquitin-protein ligase ZNF598 | ZNF598 | 0.189 | 1.654146858 |
| Ubiquitin-associated domain-containing protein 1 | UBAC1 | 0.190 | 1.411538237 |
| Elongation factor 1-delta | EEF1D | 0.191 | 2.820514265 |
| Kinesin-1 heavy chain | KIF5B | 0.192 | 2.354346427 |
| cAMP-dependent protein kinase type II-alpha regulatory subunit | PRKAR2A | 0.192 | 2.682132868 |
| AP2-associated protein kinase 1 | AAK1 | 0.192 | 2.056440293 |
| Sialic acid synthase | NANS | 0.192 | 1.940072424 |
| 3-phosphoinositide-dependent protein kinase 1 | PDPK1 | 0.193 | 2.673692615 |
| Signal peptidase complex subunit 2 | SPCS2 | 0.193 | 1.447601628 |
| Ribonuclease inhibitor | RNH1 | 0.193 | 2.845848214 |
| Extended synaptotagmin-1 | ESYT1 | 0.193 | 3.581569214 |
| Adenylyl cyclase-associated protein 2 | CAP2 | 0.194 | 1.308935354 |
| ATP-citrate synthase | ACLY | 0.194 | 3.586792478 |
| Adapter molecule crk | CRK | 0.194 | 1.31132839 |
| ADP-ribosylation factor 3 | ARF3 | 0.194 | 2.264690337 |
| Striatin | STRN | 0.194 | 2.600822797 |
| Plasma membrane calcium-transporting ATPase 1 | ATP2B1 | 0.194 | 2.663176961 |
| Beta-actin-like protein 2 | ACTBL2 | 0.194 | 2.11067437 |
| Serine/threonine-protein phosphatase 2A catalytic subunit beta isoform | PPP2CB | 0.195 | 2.153625777 |
| Alpha-actinin-4 | ACTN4 | 0.195 | 4.897572127 |
| Prenylcysteine oxidase 1 | PCYOX1 | 0.195 | 3.562098952 |
| Dual specificity mitogen-activated protein kinase kinase 4 | MAP2K4 | 0.195 | 2.024438325 |
| Damage-control phosphatase ARMT1 | ARMT1 | 0.196 | 2.237160965 |
| Death-associated protein kinase 3 | DAPK3 | 0.196 | 1.674775939 |
| Kelch repeat and BTB domain-containing protein 4 | KBTBD4 | 0.196 | 1.723063713 |
| DNA-directed RNA polymerases I, II, and III subunit RPABC3 | POLR2H | 0.196 | 1.639698719 |
| C-Jun-amino-terminal kinase-interacting protein 4 | SPAG9 | 0.196 | 2.867253765 |
| Active breakpoint cluster region-related protein | ABR | 0.197 | 1.869266573 |
| F-actin-capping protein subunit alpha-2 | CAPZA2 | 0.197 | 2.321974283 |
| Regulator of nonsense transcripts 2 | UPF2 | 0.198 | 2.409388766 |
| Lamin-B2 | LMNB2 | 0.198 | 3.239294069 |
| NK-tumor recognition protein | NKTR | 0.198 | 1.527565459 |
| Selenocysteine lyase | SCLY | 0.198 | 1.320446591 |
| AP-1 complex subunit mu-1 | AP1M1 | 0.199 | 3.675010844 |
| N-alpha-acetyltransferase 30 | NAA30 | 0.200 | 2.081997273 |
| Actin, cytoplasmic 1 | ACTB | 0.200 | 3.513356173 |
| WAS/WASL-interacting protein family member 2 | WIPF2 | 0.200 | 1.332715642 |
| Tumor susceptibility gene 101 protein | TSG101 | 0.200 | 2.270451074 |
| UMP-CMP kinase | CMPK1 | 0.200 | 1.967480862 |
| Oxysterol-binding protein-related protein 2 | OSBPL2 | 0.201 | 1.862893928 |
| Vesicular integral-membrane protein VIP36 | LMAN2 | 0.201 | 1.924213997 |
| Calcium-independent phospholipase A2-gamma | PNPLA8 | 0.201 | 1.705479315 |
| Protein-S-isoprenylcysteine O-methyltransferase | ICMT | 0.201 | 1.368158857 |
| Rho-related GTP-binding protein RhoG | RHOG | 0.201 | 1.511328615 |
| Chitobiosyldiphosphodolichol beta-mannosyltransferase | ALG1 | 0.201 | 2.057845987 |
| Pre-mRNA-processing factor 39 | PRPF39 | 0.201 | 2.690299168 |
| Adenylate kinase isoenzyme 1 | AK1 | 0.201 | 1.355540446 |
| Transmembrane protein 205 | TMEM205 | 0.202 | 1.699610983 |
| Mannose-1-phosphate guanyltransferase beta | GMPPB | 0.202 | 1.720502564 |
| V-type proton ATPase subunit d 1 | ATP6V0D1 | 0.202 | 3.141790497 |
| Motile sperm domain-containing protein 2 | MOSPD2 | 0.202 | 1.574704159 |
| Stromal cell-derived factor 2 | SDF2 | 0.202 | 2.258702352 |
| Signal peptidase complex catalytic subunit SEC11A | SEC11A | 0.203 | 2.663669886 |
| Palmitoyltransferase ZDHHC5 | ZDHHC5 | 0.203 | 1.404832318 |
| Drebrin | DBN1 | 0.203 | 1.359279108 |
| Adipocyte plasma membrane-associated protein | APMAP | 0.203 | 2.711432162 |
| Endophilin-B2 | SH3GLB2 | 0.204 | 1.418055787 |
| Catechol O-methyltransferase | COMT | 0.204 | 1.427372435 |
| Tubulin--tyrosine ligase-like protein 12 | TTLL12 | 0.205 | 2.859131759 |
| Ubiquilin-2 | UBQLN2 | 0.205 | 1.949984022 |
| Procollagen galactosyltransferase 1 | COLGALT1 | 0.205 | 3.632346868 |
| Secernin-1 | SCRN1 | 0.205 | 2.46489564 |
| Transcriptional activator protein Pur-beta | PURB | 0.205 | 1.843836034 |
| Dynamin-2 | DNM2 | 0.206 | 3.016645306 |
| B-cell receptor-associated protein 29 | BCAP29 | 0.206 | 1.950401038 |
| GTP-binding protein 1 | GTPBP1 | 0.206 | 2.244987498 |
| Cleavage and polyadenylation specificity factor subunit 6 | CPSF6 | 0.206 | 2.205657371 |
| Adenosine kinase | ADK | 0.207 | 1.754632932 |
| Hermansky-Pudlak syndrome 5 protein | HPS5 | 0.207 | 2.208006989 |
| Ubiquitin-conjugating enzyme E2 variant 1 | UBE2V1 | 0.208 | 3.727187015 |
| Diacylglycerol kinase eta | DGKH | 0.209 | 1.596314701 |
| DNA repair protein XRCC4 | XRCC4 | 0.209 | 2.0831117 |
| CDP-diacylglycerol--inositol 3-phosphatidyltransferase | CDIPT | 0.209 | 1.461680687 |
| OTU domain-containing protein 4 | OTUD4 | 0.209 | 2.485644211 |
| Vacuolar protein sorting-associated protein 18 homolog | VPS18 | 0.209 | 1.548114778 |
| Annexin A2 | ANXA2 | 0.209 | 2.718123357 |
| Utrophin | UTRN | 0.210 | 5.100478024 |
| Protein phosphatase 1 regulatory subunit 12B | PPP1R12B | 0.210 | 1.343922798 |
| Exocyst complex component 3 | EXOC3 | 0.211 | 1.755988391 |
| Endoplasmic reticulum-Golgi intermediate compartment protein 2 | ERGIC2 | 0.211 | 1.860252415 |
| Bcl-2-associated transcription factor 1 | BCLAF1 | 0.211 | 3.261567394 |
| Tropomyosin alpha-3 chain | TPM3 | 0.211 | 1.483881093 |
| Cyclin-dependent kinase 16 | CDK16 | 0.212 | 1.608896048 |
| Ragulator complex protein LAMTOR1 | LAMTOR1 | 0.212 | 1.671930538 |
| E3 ubiquitin-protein ligase CBL | CBL | 0.212 | 1.621581206 |
| Protein kinase C-binding protein 1 | ZMYND8 | 0.213 | 2.143806357 |
| Cofilin-1 | CFL1 | 0.213 | 2.889626412 |
| Immunity-related GTPase family Q protein | IRGQ | 0.214 | 2.228430299 |
| Flotillin-2 | FLOT2 | 0.214 | 2.055443662 |
| 14-3-3 protein eta | YWHAH | 0.214 | 2.063504367 |
| WD repeat-containing protein 11 | WDR11 | 0.214 | 2.237381306 |
| Ribosomal protein S6 kinase alpha-1 | RPS6KA1 | 0.215 | 1.49270374 |
| Inactive C-alpha-formylglycine-generating enzyme 2 | SUMF2 | 0.215 | 1.767699284 |
| BolA-like protein 2 | BOLA2B | 0.215 | 1.400859935 |
| Inner nuclear membrane protein Man1 | LEMD3 | 0.215 | 2.374202746 |
| Protocadherin gamma-A9 | PCDHGA9 | 0.215 | 1.301893978 |
| Polyhomeotic-like protein 2 | PHC2 | 0.215 | 1.463767182 |
| Transmembrane protein 87A | TMEM87A | 0.216 | 1.687429769 |
| GTPase NRas | NRAS | 0.216 | 3.172919236 |
| PDZ and LIM domain protein 7 | PDLIM7 | 0.216 | 3.433602068 |
| Cleft lip and palate transmembrane protein 1-like protein | CLPTM1L | 0.217 | 2.413653606 |
| Septin-7 | SEPTIN7 | 0.217 | 2.24714075 |
| Rapamycin-insensitive companion of mTOR | RICTOR | 0.217 | 1.865670336 |
| Palmitoyltransferase ZDHHC13 | ZDHHC13 | 0.217 | 1.344064898 |
| Protein N-terminal asparagine amidohydrolase | NTAN1 | 0.218 | 1.384897495 |
| Transmembrane protein 109 | TMEM109 | 0.218 | 2.284999366 |
| TBC1 domain family member 8B | TBC1D8B | 0.219 | 1.331934532 |
| HMG domain-containing protein 4 | HMGXB4 | 0.219 | 1.326514687 |
| Probable ubiquitin carboxyl-terminal hydrolase FAF-X | USP9X | 0.219 | 3.619496206 |
| TATA-binding protein-associated factor 172 | BTAF1 | 0.220 | 3.497217751 |
| Syntaxin-4 | STX4 | 0.220 | 2.302247989 |
| WD repeat-containing protein 7 | WDR7 | 0.220 | 1.971145845 |
| Protein MEMO1 | MEMO1 | 0.221 | 1.463072467 |
| Sphingosine-1-phosphate lyase 1 | SGPL1 | 0.221 | 2.326027295 |
| Protein transport protein Sec24A | SEC24A | 0.221 | 3.966365687 |
| 182 kDa tankyrase-1-binding protein | TNKS1BP1 | 0.222 | 3.41549893 |
| Sorting nexin-8 | SNX8 | 0.222 | 2.202729467 |
| Mitogen-activated protein kinase 3 | MAPK3 | 0.222 | 1.951512838 |
| BAG family molecular chaperone regulator 5 | BAG5 | 0.222 | 2.436309273 |
| Histone deacetylase 6 | HDAC6 | 0.222 | 1.326669198 |
| Plectin | PLEC | 0.222 | 5.003368937 |
| Reticulophagy regulator 2 | RETREG2 | 0.223 | 2.076569363 |
| Pericentrin | PCNT | 0.223 | 1.706863878 |
| AP-3 complex subunit sigma-1 | AP3S1 | 0.223 | 2.276673556 |
| ADP-ribosylation factor-like protein 6-interacting protein 4 | ARL6IP4 | 0.223 | 2.091678262 |
| Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit STT3A | STT3A | 0.223 | 3.527049497 |
| Serine/threonine-protein kinase 4 | STK4 | 0.223 | 3.805015842 |
| Arf-GAP with SH3 domain, ANK repeat and PH domain-containing protein 1 | ASAP1 | 0.223 | 1.492408815 |
| Inactive tyrosine-protein kinase PEAK1 | PEAK1 | 0.223 | 1.875666632 |
| Acylpyruvase FAHD1, mitochondrial | FAHD1 | 0.224 | 1.726991388 |
| Vesicle-fusing ATPase | NSF | 0.224 | 4.427895599 |
| Baculoviral IAP repeat-containing protein 2 | BIRC2 | 0.225 | 1.420615428 |
| Transforming acidic coiled-coil-containing protein 3 | TACC3 | 0.225 | 2.191231078 |
| Rho GTPase-activating protein 18 | ARHGAP18 | 0.225 | 1.446911851 |
| DNA polymerase beta | POLB | 0.225 | 1.511849434 |
| RNA-binding motif, single-stranded-interacting protein 2 | RBMS2 | 0.225 | 1.503214483 |
| Cold-inducible RNA-binding protein | CIRBP | 0.225 | 1.386305042 |
| Methyl-CpG-binding domain protein 2 | MBD2 | 0.225 | 1.608120397 |
| Glyoxalase domain-containing protein 4 | GLOD4 | 0.225 | 3.811912033 |
| Transmembrane protein 131 | TMEM131 | 0.226 | 1.377026925 |
| Ras-related protein Rab-5B | RAB5B | 0.226 | 1.91078717 |
| Lactoylglutathione lyase | GLO1 | 0.226 | 3.236095417 |
| Tubulin beta-4B chain | TUBB4B | 0.226 | 3.888069858 |
| USP6 N-terminal-like protein | USP6NL | 0.226 | 1.483881093 |
| Carboxypeptidase A5 | CPA5 | 0.226 | 1.802641884 |
| Ras-related protein R-Ras2 | RRAS2 | 0.227 | 1.381475681 |
| Golgi apparatus protein 1 | GLG1 | 0.227 | 1.461873494 |
| Density-regulated protein | DENR | 0.227 | 2.633410595 |
| Son of sevenless homolog 1 | SOS1 | 0.227 | 2.209424583 |
| Disks large homolog 1 | DLG1 | 0.227 | 2.339673179 |
| TBC1 domain family member 13 | TBC1D13 | 0.228 | 2.536187091 |
| Actin-related protein 2/3 complex subunit 3 | ARPC3 | 0.228 | 1.978297933 |
| Cytochrome b-245 chaperone 1 | CYBC1 | 0.228 | 2.329136155 |
| Very low-density lipoprotein receptor | VLDLR | 0.229 | 2.24714075 |
| Sorting nexin-9 | SNX9 | 0.229 | 2.118609893 |
| Chloride intracellular channel protein 1 | CLIC1 | 0.229 | 4.406315594 |
| Olfactory receptor 1M1 | OR1M1 | 0.229 | 1.416836922 |
| Heat shock 70 kDa protein 4L | HSPA4L | 0.230 | 1.848824064 |
| Mannosyl-oligosaccharide 1,2-alpha-mannosidase IB | MAN1A2 | 0.230 | 3.277990938 |
| Pseudouridine-5'-phosphatase | PUDP | 0.230 | 2.336891807 |
| 7-dehydrocholesterol reductase | DHCR7 | 0.231 | 1.431634737 |
| Fucose-1-phosphate guanylyltransferase | FPGT | 0.231 | 2.006167475 |
| Protein Hook homolog 3 | HOOK3 | 0.232 | 3.276180896 |
| Aminopeptidase B | RNPEP | 0.232 | 2.239703312 |
| Unconventional myosin-Va | MYO5A | 0.232 | 3.431773491 |
| Carbonyl reductase [NADPH] 3 | CBR3 | 0.233 | 1.573821691 |
| Inosine-5'-monophosphate dehydrogenase 1 | IMPDH1 | 0.233 | 2.500692725 |
| E3 ubiquitin-protein ligase UBR4 | UBR4 | 0.234 | 4.211040119 |
| Protein transport protein Sec61 subunit alpha isoform 1 | SEC61A1 | 0.234 | 2.815245169 |
| Medium-chain acyl-CoA ligase ACSF2, mitochondrial | ACSF2 | 0.234 | 2.792782796 |
| BAG family molecular chaperone regulator 3 | BAG3 | 0.235 | 2.888216395 |
| Actin, alpha cardiac muscle 1 | ACTC1 | 0.235 | 3.297380707 |
| Inhibitor of nuclear factor kappa-B kinase subunit alpha | CHUK | 0.235 | 3.476682697 |
| Kinesin-like protein KIF13B | KIF13B | 0.235 | 1.850444656 |
| Alpha-1,2-mannosyltransferase ALG9 | ALG9 | 0.235 | 1.868866305 |
| Serine/threonine-protein kinase Nek7 | NEK7 | 0.235 | 2.192114068 |
| Reticulophagy regulator 3 | RETREG3 | 0.235 | 1.343290144 |
| Arf-GAP with GTPase, ANK repeat and PH domain-containing protein 3 | AGAP3 | 0.235 | 1.647845617 |
| Fructose-2,6-bisphosphatase TIGAR | TIGAR | 0.235 | 1.467382298 |
| 5'-nucleotidase domain-containing protein 1 | NT5DC1 | 0.235 | 2.629875178 |
| Protein disulfide-isomerase A5 | PDIA5 | 0.236 | 2.400679852 |
| Zinc finger protein 384 | ZNF384 | 0.236 | 1.383199181 |
| Ankyrin repeat and LEM domain-containing protein 2 | ANKLE2 | 0.236 | 2.606495987 |
| Switch-associated protein 70 | SWAP70 | 0.237 | 1.434790426 |
| Serine/threonine-protein phosphatase 4 regulatory subunit 2 | PPP4R2 | 0.237 | 1.439510948 |
| Bifunctional 3'-phosphoadenosine 5'-phosphosulfate synthase 2 | PAPSS2 | 0.238 | 2.038307005 |
| Dipeptidyl peptidase 2 | DPP7 | 0.238 | 2.494444165 |
| Transformer-2 protein homolog alpha | TRA2A | 0.239 | 1.380672268 |
| Tudor domain-containing protein 7 | TDRD7 | 0.239 | 2.113317269 |
| Glycylpeptide N-tetradecanoyltransferase 1 | NMT1 | 0.239 | 3.834111527 |
| N(G),N(G)-dimethylarginine dimethylaminohydrolase 2 | DDAH2 | 0.239 | 1.81300276 |
| Annexin A1 | ANXA1 | 0.239 | 4.433126262 |
| Transmembrane emp24 domain-containing protein 1 | TMED1 | 0.239 | 2.257483661 |
| Methylenetetrahydrofolate reductase | MTHFR | 0.240 | 1.657645363 |
| Adenine phosphoribosyltransferase | APRT | 0.240 | 2.217884459 |
| Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B alpha isoform | PPP2R2A | 0.240 | 3.25762477 |
| Prostaglandin F2 receptor negative regulator | PTGFRN | 0.240 | 1.759745993 |
| E3 ubiquitin-protein ligase RNF123 | RNF123 | 0.242 | 2.352304796 |
| DNA polymerase zeta catalytic subunit | REV3L | 0.242 | 1.38154926 |
| Thioredoxin domain-containing protein 12 | TXNDC12 | 0.243 | 3.31093007 |
| Mediator of RNA polymerase II transcription subunit 13 | MED13 | 0.244 | 2.219070573 |
| Rabenosyn-5 | RBSN | 0.245 | 1.800540412 |
| Hypoxanthine-guanine phosphoribosyltransferase | HPRT1 | 0.245 | 2.306861655 |
| Tyrosine-protein phosphatase non-receptor type 11 | PTPN11 | 0.245 | 4.245881986 |
| Regulator of microtubule dynamics protein 2 | RMDN2 | 0.245 | 1.33001281 |
| 1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase beta-3 | PLCB3 | 0.245 | 3.108162795 |
| Dynein heavy chain domain-containing protein 1 | DNHD1 | 0.246 | 1.788926974 |
| Acylphosphatase-1 | ACYP1 | 0.246 | 1.349551405 |
| Chromobox protein homolog 8 | CBX8 | 0.246 | 3.29500889 |
| Guanidinoacetate N-methyltransferase | GAMT | 0.246 | 1.66025749 |
| Ubiquitin thioesterase OTUB1 | OTUB1 | 0.247 | 3.631598999 |
| Liprin-beta-1 | PPFIBP1 | 0.247 | 3.822301587 |
| Uracil phosphoribosyltransferase homolog | UPRT | 0.247 | 1.969245643 |
| Guanine nucleotide-binding protein G(s) subunit alpha isoforms XLas | GNAS | 0.247 | 1.692070013 |
| Protein disulfide-isomerase A4 | PDIA4 | 0.248 | 1.767362078 |
| Leucine zipper protein 1 | LUZP1 | 0.248 | 3.195147942 |
| Shugoshin 2 | SGO2 | 0.248 | 1.418055787 |
| Beta-centractin | ACTR1B | 0.249 | 1.708192606 |
| Delta-aminolevulinic acid dehydratase | ALAD | 0.249 | 2.877194776 |
| Ubiquitin carboxyl-terminal hydrolase 28 | USP28 | 0.249 | 2.756042307 |
| Annexin A11 | ANXA11 | 0.250 | 3.795125215 |
| Moesin | MSN | 0.250 | 4.291739859 |
| Peptidyl-prolyl cis-trans isomerase FKBP2 | FKBP2 | 0.251 | 1.760517388 |
| Non-histone chromosomal protein HMG-14 | HMGN1 | 0.251 | 1.674775939 |
| Arginine and glutamate-rich protein 1 | ARGLU1 | 0.251 | 1.447601628 |
| Protein unc-45 homolog A | UNC45A | 0.251 | 3.110108757 |
| Protein diaphanous homolog 3 | DIAPH3 | 0.252 | 1.313336714 |
| Prolyl endopeptidase | PREP | 0.252 | 1.358777391 |
| Nuclear prelamin A recognition factor | NARF | 0.252 | 1.859661721 |
| Lambda-crystallin homolog | CRYL1 | 0.252 | 1.417752532 |
| DENN domain-containing protein 5A | DENND5A | 0.252 | 1.520859606 |
| Microtubule cross-linking factor 1 | MTCL1 | 0.253 | 3.089932215 |
| RNA-binding protein 14 | RBM14 | 0.253 | 5.107942704 |
| Torsin-1A-interacting protein 1 | TOR1AIP1 | 0.253 | 3.70846213 |
| PRA1 family protein 2 | PRAF2 | 0.254 | 1.482173105 |
| Vinexin | SORBS3 | 0.254 | 1.637193992 |
| rRNA/tRNA 2'-O-methyltransferase fibrillarin-like protein 1 | FBLL1 | 0.254 | 1.773414187 |
| LanC-like protein 2 | LANCL2 | 0.254 | 2.830583443 |
| Heme oxygenase 2 | HMOX2 | 0.254 | 4.362756235 |
| 1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase gamma-1 | PLCG1 | 0.255 | 3.565027856 |
| N-acylneuraminate cytidylyltransferase | CMAS | 0.256 | 3.199792714 |
| Peptidyl-prolyl cis-trans isomerase FKBP1A | FKBP1A | 0.256 | 1.685686435 |
| Cullin-4B | CUL4B | 0.256 | 1.379754926 |
| Tubulin beta-4A chain | TUBB4A | 0.256 | 1.417334661 |
| Leucine-rich repeat-containing protein 1 | LRRC1 | 0.257 | 1.592987923 |
| Actin-related protein 2/3 complex subunit 1A | ARPC1A | 0.257 | 1.592987923 |
| Protein PAT1 homolog 1 | PATL1 | 0.258 | 3.781260438 |
| Multivesicular body subunit 12A | MVB12A | 0.258 | 1.86288882 |
| Fibroblast growth factor receptor 1 | FGFR1 | 0.258 | 1.759206429 |
| Peptidyl-prolyl cis-trans isomerase-like 3 | PPIL3 | 0.260 | 1.888272971 |
| Peroxisome biogenesis factor 2 | PEX2 | 0.261 | 1.382270962 |
| Mitogen-activated protein kinase kinase kinase 2 | MAP3K2 | 0.261 | 1.54741112 |
| Transmembrane emp24 domain-containing protein 7 | TMED7 | 0.261 | 4.003122493 |
| Death-associated protein kinase 1 | DAPK1 | 0.261 | 1.6672114 |
| Structure-specific endonuclease subunit SLX4 | SLX4 | 0.262 | 1.87880386 |
| Telomerase-binding protein EST1A | SMG6 | 0.263 | 1.901651757 |
| Thimet oligopeptidase | THOP1 | 0.264 | 2.112089605 |
| Glycerol-3-phosphate acyltransferase 4 | GPAT4 | 0.264 | 2.349543018 |
| Splicing factor U2AF 65 kDa subunit | U2AF2 | 0.264 | 2.387063392 |
| Ski oncogene | SKI | 0.264 | 1.573128091 |
| Zinc finger FYVE domain-containing protein 1 | ZFYVE1 | 0.265 | 2.028513639 |
| Sulfhydryl oxidase 2 | QSOX2 | 0.265 | 2.982737475 |
| STAM-binding protein | STAMBP | 0.265 | 1.391555141 |
| RNA-binding protein 15 | RBM15 | 0.265 | 2.877818035 |
| Apoptosis-stimulating of p53 protein 1 | PPP1R13B | 0.265 | 1.405107049 |
| Transgelin-2 | TAGLN2 | 0.266 | 2.542949557 |
| Ion channel TACAN | TMEM120A | 0.266 | 1.428506203 |
| Lysine-specific demethylase 4A | KDM4A | 0.266 | 1.852860383 |
| Calcium/calmodulin-dependent protein kinase type IV | CAMK4 | 0.266 | 3.550915598 |
| Ras-related protein Rab-4B | RAB4B | 0.266 | 1.435799445 |
| WD repeat-containing protein 47 | WDR47 | 0.267 | 2.113116569 |
| Ras GTPase-activating-like protein IQGAP1 | IQGAP1 | 0.268 | 4.531076693 |
| Tyrosine-protein kinase ABL2 | ABL2 | 0.269 | 1.558937846 |
| Small integral membrane protein 13 | SMIM13 | 0.269 | 1.4204924 |
| Phosphatidylinositol glycan anchor biosynthesis class U protein | PIGU | 0.269 | 1.731764368 |
| Forkhead box protein K2 | FOXK2 | 0.269 | 1.604339921 |
| Cytoplasmic protein NCK2 | NCK2 | 0.270 | 1.300198976 |
| Serine/threonine-protein kinase ICK | CILK1 | 0.270 | 1.330887392 |
| RAC-gamma serine/threonine-protein kinase | AKT3 | 0.271 | 1.527403834 |
| MOB kinase activator 2 | MOB2 | 0.271 | 2.013400038 |
| Pleckstrin homology domain-containing family F member 1 | PLEKHF1 | 0.271 | 1.320556868 |
| Ataxin-2 | ATXN2 | 0.271 | 2.73331322 |
| Septin-9 | SEPTIN9 | 0.271 | 4.65526677 |
| Deoxyhypusine synthase | DHPS | 0.271 | 2.49881393 |
| 14-3-3 protein gamma | YWHAG | 0.271 | 4.878268111 |
| Mth938 domain-containing protein | AAMDC | 0.272 | 1.566668276 |
| T-complex protein 11-like protein 1 | TCP11L1 | 0.273 | 1.464826823 |
| Extended synaptotagmin-2 | ESYT2 | 0.273 | 1.979108743 |
| Membrane-associated progesterone receptor component 2 | PGRMC2 | 0.273 | 1.430398586 |
| Kinesin-associated protein 3 | KIFAP3 | 0.273 | 2.140688546 |
| Dipeptidyl peptidase 3 | DPP3 | 0.273 | 3.303153659 |
| CSC1-like protein 2 | TMEM63B | 0.273 | 1.529043884 |
| Serine/arginine-rich splicing factor 9 | SRSF9 | 0.274 | 2.963371802 |
| Peroxiredoxin-2 | PRDX2 | 0.274 | 5.876871592 |
| Protein DPCD | DPCD | 0.274 | 1.721445471 |
| Annexin A5 | ANXA5 | 0.275 | 4.815633272 |
| Coactosin-like protein | COTL1 | 0.275 | 2.366126826 |
| Intraflagellar transport protein 140 homolog | IFT140 | 0.275 | 1.661123457 |
| Phosphofurin acidic cluster sorting protein 1 | PACS1 | 0.276 | 1.960339367 |
| Ras-related protein Rab-22A | RAB22A | 0.276 | 2.435217208 |
| Multifunctional protein ADE2 | PAICS | 0.277 | 1.788819999 |
| Protein TMED8 | TMED8 | 0.277 | 2.829995698 |
| L-lactate dehydrogenase A chain | LDHA | 0.277 | 2.023418606 |
| Multifunctional procollagen lysine hydroxylase and glycosyltransferase LH3 | PLOD3 | 0.278 | 1.755869032 |
| E3 ubiquitin-protein ligase UBR5 | UBR5 | 0.278 | 5.100478024 |
| Magnesium transporter protein 1 | MAGT1 | 0.278 | 3.82117778 |
| Malectin | MLEC | 0.279 | 4.186690319 |
| High mobility group nucleosome-binding domain-containing protein 3 | HMGN3 | 0.279 | 1.902278606 |
| Sodium-dependent phosphate transporter 2 | SLC20A2 | 0.279 | 3.458335973 |
| Geranylgeranyl transferase type-2 subunit alpha | RABGGTA | 0.279 | 4.07175709 |
| Aflatoxin B1 aldehyde reductase member 2 | AKR7A2 | 0.280 | 3.096769504 |
| Protein CASC3 | CASC3 | 0.280 | 2.216523527 |
| Short/branched chain specific acyl-CoA dehydrogenase, mitochondrial | ACADSB | 0.280 | 2.976403609 |
| SPRY domain-containing protein 7 | SPRYD7 | 0.280 | 1.409090588 |
| Serine/threonine-protein phosphatase 4 catalytic subunit | PPP4C | 0.281 | 2.76240943 |
| Insulin-like growth factor 2 mRNA-binding protein 2 | IGF2BP2 | 0.281 | 3.119227735 |
| Protein farnesyltransferase subunit beta | FNTB | 0.281 | 2.467024932 |
| Protein PAXX | PAXX | 0.282 | 2.745278226 |
| Mesencephalic astrocyte-derived neurotrophic factor | MANF | 0.282 | 1.343679356 |
| Serpin B6 | SERPINB6 | 0.282 | 1.863521656 |
| Cysteine and histidine-rich protein 1 | CYHR1 | 0.283 | 1.77141571 |
| Mammalian ependymin-related protein 1 | EPDR1 | 0.283 | 2.487088425 |
| Alpha-actinin-1 | ACTN1 | 0.283 | 2.538359396 |
| Lysine-specific demethylase 9 | RSBN1 | 0.284 | 2.435217208 |
| Tumor suppressor candidate 3 | TUSC3 | 0.284 | 2.68149447 |
| LIM and SH3 domain protein 1 | LASP1 | 0.284 | 2.651210735 |
| RNA-binding protein 4 | RBM4 | 0.284 | 3.617483884 |
| Tubulin-specific chaperone cofactor E-like protein | TBCEL | 0.284 | 2.81742695 |
| Heme-binding protein 2 | HEBP2 | 0.284 | 2.818115539 |
| Vitamin K epoxide reductase complex subunit 1-like protein 1 | VKORC1L1 | 0.285 | 1.499617494 |
| Serine palmitoyltransferase 2 | SPTLC2 | 0.286 | 1.699610983 |
| Focal adhesion kinase 1 | PTK2 | 0.286 | 3.877186417 |
| Protein kinase C alpha type | PRKCA | 0.286 | 2.987746262 |
| Disco-interacting protein 2 homolog C | DIP2C | 0.287 | 2.376925479 |
| Phosphoglucomutase-2 | PGM2 | 0.287 | 4.224025669 |
| NADH-cytochrome b5 reductase 3 | CYB5R3 | 0.287 | 2.36912076 |
| Drebrin-like protein | DBNL | 0.287 | 5.221997038 |
| Ciliogenesis and planar polarity effector 1 | CPLANE1 | 0.288 | 1.306355753 |
| Cyclin-L1 | CCNL1 | 0.288 | 1.559473088 |
| N-sulphoglucosamine sulphohydrolase | SGSH | 0.288 | 2.277219269 |
| Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit DAD1 | DAD1 | 0.289 | 2.901389769 |
| Mannose-P-dolichol utilization defect 1 protein | MPDU1 | 0.289 | 1.809359565 |
| SUN domain-containing protein 1 | SUN1 | 0.289 | 4.535006491 |
| Translocating chain-associated membrane protein 2 | TRAM2 | 0.289 | 1.502654117 |
| Calnexin | CANX | 0.290 | 6.852418139 |
| Histone-lysine N-methyltransferase 2C | KMT2C | 0.290 | 1.480922908 |
| Probable helicase with zinc finger domain | HELZ | 0.290 | 2.130939353 |
| ADP-dependent glucokinase | ADPGK | 0.290 | 2.335017833 |
| Uncharacterized protein C19orf47 | C19orf47 | 0.291 | 1.329454857 |
| CREB-regulated transcription coactivator 1 | CRTC1 | 0.291 | 2.515716627 |
| Nucleoporin p54 | NUP54 | 0.292 | 2.922842551 |
| Ras-related protein R-Ras | RRAS | 0.293 | 1.896315457 |
| FK506-binding protein 15 | FKBP15 | 0.296 | 3.884302147 |
| Huntingtin-interacting protein 1 | HIP1 | 0.296 | 2.876361861 |
| Microprocessor complex subunit DGCR8 | DGCR8 | 0.298 | 3.318068131 |
| Ribonucleoprotein PTB-binding 1 | RAVER1 | 0.299 | 1.649406938 |
| Coiled-coil domain-containing protein 9B | CCDC9B | 0.299 | 1.932393345 |
| SUZ domain-containing protein 1 | SZRD1 | 0.300 | 2.01512423 |
| Intraflagellar transport protein 25 homolog | HSPB11 | 0.301 | 1.791794615 |
| Disks large homolog 5 | DLG5 | 0.301 | 2.090536761 |
| Sentrin-specific protease 1 | SENP1 | 0.302 | 2.545745922 |
| Myeloid-derived growth factor | MYDGF | 0.302 | 2.184651079 |
| Vesicle-associated membrane protein-associated protein B/C | VAPB | 0.302 | 2.471708615 |
| Patatin-like phospholipase domain-containing protein 6 | PNPLA6 | 0.303 | 4.730482771 |
| Thioredoxin domain-containing protein 17 | TXNDC17 | 0.303 | 3.498069685 |
| Myosin light chain 6B | MYL6B | 0.303 | 3.895775576 |
| Non-lysosomal glucosylceramidase | GBA2 | 0.303 | 2.001874384 |
| Autophagy protein 5 | ATG5 | 0.303 | 2.658181251 |
| Dual specificity mitogen-activated protein kinase kinase 3 | MAP2K3 | 0.303 | 5.042037665 |
| Ubiquitin-conjugating enzyme E2 variant 2 | UBE2V2 | 0.303 | 3.203321609 |
| Cingulin | CGN | 0.304 | 1.410537142 |
| Ceramide synthase 5 | CERS5 | 0.305 | 1.577587551 |
| Testis-expressed protein 264 | TEX264 | 0.305 | 1.608120397 |
| TBC1 domain family member 24 | TBC1D24 | 0.307 | 3.350095461 |
| Myosin-10 | MYH10 | 0.307 | 3.927944015 |
| UDP-glucuronosyltransferase 1A9 | UGT1A9 | 0.308 | 4.058168489 |
| Nuclear receptor corepressor 2 | NCOR2 | 0.308 | 3.402499712 |
| Cysteine-rich and transmembrane domain-containing protein 1 | CYSTM1 | 0.308 | 1.665698988 |
| Leucine zipper transcription factor-like protein 1 | LZTFL1 | 0.308 | 1.308935354 |
| Splicing regulatory glutamine/lysine-rich protein 1 | SREK1 | 0.309 | 1.76210907 |
| Intersectin-2 | ITSN2 | 0.309 | 1.913807735 |
| Zinc finger CCCH domain-containing protein 3 | ZC3H3 | 0.310 | 1.551849212 |
| PAS domain-containing serine/threonine-protein kinase | PASK | 0.310 | 1.805299934 |
| 5'-AMP-activated protein kinase subunit beta-2 | PRKAB2 | 0.310 | 2.230565635 |
| SH3 and PX domain-containing protein 2B | SH3PXD2B | 0.311 | 5.785212778 |
| Kelch domain-containing protein 8A | KLHDC8A | 0.311 | 1.517630718 |
| Threonine--tRNA ligase 2, cytoplasmic | TARS3 | 0.312 | 2.699623287 |
| Sorbin and SH3 domain-containing protein 1 | SORBS1 | 0.313 | 1.769344466 |
| Wiskott-Aldrich syndrome protein family member 1 | WASF1 | 0.313 | 1.961269943 |
| Tubulin beta-2A chain | TUBB2A | 0.314 | 3.747739654 |
| Rab GTPase-binding effector protein 2 | RABEP2 | 0.315 | 3.651713262 |
| Ectonucleoside triphosphate diphosphohydrolase 6 | ENTPD6 | 0.315 | 1.826905316 |
| Acyl-coenzyme A diphosphatase FITM2 | FITM2 | 0.316 | 1.446911851 |
| CLIP-associating protein 1 | CLASP1 | 0.316 | 5.955568942 |
| Protein furry homolog-like | FRYL | 0.316 | 5.118625425 |
| Ezrin | EZR | 0.318 | 2.259651275 |
| Uridine-cytidine kinase-like 1 | UCKL1 | 0.318 | 2.396833138 |
| Chromodomain-helicase-DNA-binding protein 2 | CHD2 | 0.318 | 3.049716722 |
| Calcium-transporting ATPase type 2C member 1 | ATP2C1 | 0.318 | 3.768858723 |
| Zinc finger protein 592 | ZNF592 | 0.319 | 1.317752197 |
| Epsin-1 | EPN1 | 0.319 | 1.465492855 |
| F-BAR domain only protein 2 | FCHO2 | 0.320 | 1.697787009 |
| Dedicator of cytokinesis protein 7 | DOCK7 | 0.320 | 5.671270449 |
| Tumor protein D52 | TPD52 | 0.320 | 4.311870868 |
| Synaptojanin-2 | SYNJ2 | 0.320 | 2.19382205 |
| Transcription factor p65 | RELA | 0.320 | 3.865897757 |
| TRIO and F-actin-binding protein | TRIOBP | 0.321 | 2.758777406 |
| Ras-related protein Rab-21 | RAB21 | 0.321 | 1.922930892 |
| Synemin | SYNM | 0.321 | 2.72013133 |
| Myosin regulatory light chain 12B | MYL12B | 0.322 | 3.803717411 |
| B-cell lymphoma/leukemia 10 | BCL10 | 0.322 | 3.425840182 |
| Mitochondrial thiamine pyrophosphate carrier | SLC25A19 | 0.323 | 1.566866568 |
| Ubiquitin carboxyl-terminal hydrolase 46 | USP46 | 0.323 | 1.354301731 |
| Inositol polyphosphate-5-phosphatase A | INPP5A | 0.323 | 3.715086428 |
| AP-3 complex subunit mu-2 | AP3M2 | 0.323 | 1.769995534 |
| Calcium/calmodulin-dependent protein kinase kinase 2 | CAMKK2 | 0.324 | 2.303266507 |
| Hamartin | TSC1 | 0.324 | 3.015552987 |
| Zinc finger protein 318 | ZNF318 | 0.324 | 1.886247296 |
| Hexokinase-1 | HK1 | 0.324 | 5.896051413 |
| Hippocalcin-like protein 1 | HPCAL1 | 0.325 | 2.657265131 |
| Coronin-1C | CORO1C | 0.325 | 1.605199783 |
| Phosphatidylinositol 3,4,5-trisphosphate 5-phosphatase 2 | INPPL1 | 0.326 | 4.759516526 |
| Syntaxin-binding protein 1 | STXBP1 | 0.326 | 3.724188939 |
| Actin filament-associated protein 1 | AFAP1 | 0.327 | 3.119227735 |
| Endoplasmic reticulum-Golgi intermediate compartment protein 1 | ERGIC1 | 0.327 | 4.81753249 |
| UV excision repair protein RAD23 homolog B | RAD23B | 0.327 | 4.477432662 |
| Syntaxin-5 | STX5 | 0.328 | 1.74765856 |
| Centrosome-associated protein CEP250 | CEP250 | 0.330 | 1.417752532 |
| Alpha-enolase | ENO1 | 0.330 | 5.88580819 |
| Leucine-zipper-like transcriptional regulator 1 | LZTR1 | 0.330 | 2.045026329 |
| DENN domain-containing protein 2A | DENND2A | 0.330 | 2.368725345 |
| UBX domain-containing protein 6 | UBXN6 | 0.331 | 2.292929577 |
| Acyl-CoA-binding domain-containing protein 5 | ACBD5 | 0.331 | 3.603081746 |
| Guanine nucleotide-binding protein subunit beta-4 | GNB4 | 0.331 | 1.981968599 |
| Aminopeptidase RNPEPL1 | RNPEPL1 | 0.333 | 2.455783274 |
| Dedicator of cytokinesis protein 5 | DOCK5 | 0.333 | 3.901736721 |
| Rap guanine nucleotide exchange factor 5 | RAPGEF5 | 0.334 | 1.94316229 |
| PAT complex subunit CCDC47 | CCDC47 | 0.335 | 4.158021684 |
| Small glutamine-rich tetratricopeptide repeat-containing protein beta | SGTB | 0.335 | 1.934325481 |
| Sideroflexin-3 | SFXN3 | 0.335 | 1.480385289 |
| Calcium/calmodulin-dependent protein kinase type 1 | CAMK1 | 0.336 | 2.877194776 |
| Stromal cell-derived factor 2-like protein 1 | SDF2L1 | 0.336 | 2.122770762 |
| Peroxiredoxin-4 | PRDX4 | 0.337 | 4.746328357 |
| Fructosamine-3-kinase | FN3K | 0.337 | 1.515175947 |
| Serine/threonine-protein kinase TAO1 | TAOK1 | 0.338 | 3.370632008 |
| Calreticulin | CALR | 0.338 | 7.017709445 |
| Ankyrin repeat domain-containing protein 13A | ANKRD13A | 0.338 | 1.583095238 |
| Endoplasmin | HSP90B1 | 0.338 | 4.223923401 |
| Coronin-7 | CORO7 | 0.340 | 2.783386021 |
| Vesicular inhibitory amino acid transporter | SLC32A1 | 0.340 | 2.992247898 |
| Cytoplasmic aconitate hydratase | ACO1 | 0.341 | 4.658500593 |
| Death-associated protein kinase 2 | DAPK2 | 0.341 | 1.405115403 |
| Alanine aminotransferase 2 | GPT2 | 0.341 | 2.244805539 |
| Transcription initiation factor TFIID subunit 3 | TAF3 | 0.342 | 1.71304188 |
| 26S proteasome non-ATPase regulatory subunit 9 | PSMD9 | 0.342 | 2.483433541 |
| Interleukin-17 receptor D | IL17RD | 0.342 | 1.637967349 |
| Tripeptidyl-peptidase 1 | TPP1 | 0.343 | 3.701799015 |
| Guanine nucleotide exchange factor VAV2 | VAV2 | 0.343 | 2.744403461 |
| Alpha-1,3/1,6-mannosyltransferase ALG2 | ALG2 | 0.343 | 2.730706797 |
| LIM domain-containing protein 1 | LIMD1 | 0.344 | 1.398690642 |
| Retinol dehydrogenase 11 | RDH11 | 0.344 | 2.633410595 |
| Transcription factor MafK | MAFK | 0.346 | 2.604766207 |
| Golgi to ER traffic protein 4 homolog | GET4 | 0.346 | 4.351391184 |
| Zinc finger MYM-type protein 2 | ZMYM2 | 0.347 | 2.11952461 |
| Cytosolic acyl coenzyme A thioester hydrolase | ACOT7 | 0.347 | 2.762715709 |
| N-lysine methyltransferase SMYD2 | SMYD2 | 0.348 | 2.475343656 |
| Uncharacterized protein FLJ45252 | FLJ45252 | 0.352 | 2.49881393 |
| Phosphatidate cytidylyltransferase 2 | CDS2 | 0.352 | 3.031347213 |
| Myoferlin | MYOF | 0.353 | 6.174750741 |
| Protein disulfide-isomerase A3 | PDIA3 | 0.353 | 5.146852377 |
| MOB kinase activator 3A | MOB3A | 0.354 | 4.005123636 |
| N-alpha-acetyltransferase 38, NatC auxiliary subunit | NAA38 | 0.354 | 3.066790531 |
| Ubiquitin-like protein ISG15 | ISG15 | 0.355 | 1.64168209 |
| Septin-10 | SEPTIN10 | 0.356 | 2.859760892 |
| Rab proteins geranylgeranyltransferase component A 2 | CHML | 0.357 | 3.952525413 |
| Galectin-1 | LGALS1 | 0.357 | 1.804353458 |
| Wolframin | WFS1 | 0.357 | 2.532827578 |
| Calpastatin | CAST | 0.358 | 4.536832385 |
| Serine/threonine-protein phosphatase 2B catalytic subunit gamma isoform | PPP3CC | 0.360 | 1.866216314 |
| Leucine-rich repeat flightless-interacting protein 1 | LRRFIP1 | 0.360 | 5.132839201 |
| Protein disulfide-isomerase A6 | PDIA6 | 0.361 | 5.289062044 |
| Myosin-9 | MYH9 | 0.361 | 3.581569214 |
| TNFAIP3-interacting protein 1 | TNIP1 | 0.361 | 5.576415826 |
| Serine/threonine-protein phosphatase 6 regulatory subunit 2 | PPP6R2 | 0.362 | 2.724861126 |
| 2'-5'-oligoadenylate synthase 3 | OAS3 | 0.362 | 2.549670541 |
| Endonuclease domain-containing 1 protein | ENDOD1 | 0.362 | 3.104327748 |
| MMS19 nucleotide excision repair protein homolog | MMS19 | 0.364 | 2.133830559 |
| Cellular tumor antigen p53 | TP53 | 0.364 | 1.401068346 |
| Optineurin | OPTN | 0.364 | 2.251561075 |
| Homeobox protein DBX1 | DBX1 | 0.365 | 2.60776979 |
| Protein kinase C delta type | PRKCD | 0.366 | 5.182506047 |
| High mobility group nucleosome-binding domain-containing protein 4 | HMGN4 | 0.366 | 2.81341707 |
| Nucleolar protein of 40 kDa | ZCCHC17 | 0.366 | 1.613058864 |
| Stromal membrane-associated protein 1 | SMAP1 | 0.367 | 2.720945904 |
| Ubiquitin-conjugating enzyme E2 E1 | UBE2E1 | 0.368 | 4.531076693 |
| Caspase-3 | CASP3 | 0.368 | 3.172919236 |
| Partitioning defective 6 homolog beta | PARD6B | 0.371 | 1.85430633 |
| Cilia- and flagella-associated protein 65 | CFAP65 | 0.372 | 2.558248488 |
| G-protein coupled receptor-associated protein LMBRD2 | LMBRD2 | 0.372 | 2.44028769 |
| Tetratricopeptide repeat protein 30A | TTC30A | 0.372 | 2.405380669 |
| Calcium-regulated heat-stable protein 1 | CARHSP1 | 0.374 | 3.277650471 |
| CCR4-NOT transcription complex subunit 3 | CNOT3 | 0.374 | 1.909132296 |
| Fascin | FSCN1 | 0.375 | 1.601982288 |
| Bis(5'-adenosyl)-triphosphatase ENPP4 | ENPP4 | 0.375 | 1.755891173 |
| Glycogen phosphorylase, brain form | PYGB | 0.375 | 1.452934906 |
| Ketosamine-3-kinase | FN3KRP | 0.376 | 4.492893108 |
| Leishmanolysin-like peptidase | LMLN | 0.376 | 1.807437108 |
| EH domain-containing protein 4 | EHD4 | 0.376 | 3.229271059 |
| Helicase with zinc finger domain 2 | HELZ2 | 0.376 | 4.420054344 |
| Janus kinase and microtubule-interacting protein 1 | JAKMIP1 | 0.377 | 2.20356907 |
| Vacuolar ATPase assembly integral membrane protein VMA21 | VMA21 | 0.377 | 1.619115581 |
| Contactin-associated protein 1 | CNTNAP1 | 0.377 | 2.659610052 |
| Rho guanine nucleotide exchange factor 17 | ARHGEF17 | 0.378 | 2.071594779 |
| EH domain-containing protein 1 | EHD1 | 0.379 | 5.778779278 |
| UPF0729 protein C18orf32 | C18orf32 | 0.380 | 1.506124541 |
| Iron-sulfur cluster assembly 1 homolog, mitochondrial | ISCA1 | 0.380 | 2.005205093 |
| Uveal autoantigen with coiled-coil domains and ankyrin repeats | UACA | 0.380 | 3.970275514 |
| Nucleoporin p58/p45 | NUP58 | 0.381 | 3.952525413 |
| Lysophospholipid acyltransferase 2 | MBOAT2 | 0.381 | 1.825416551 |
| 5'-AMP-activated protein kinase subunit gamma-2 | PRKAG2 | 0.381 | 2.26066083 |
| Protein THEM6 | THEM6 | 0.381 | 2.213400505 |
| E3 ubiquitin-protein ligase TRIM21 | TRIM21 | 0.382 | 2.366181655 |
| Piezo-type mechanosensitive ion channel component 1 | PIEZO1 | 0.382 | 3.347680484 |
| Sperm-associated antigen 1 | SPAG1 | 0.382 | 2.012789507 |
| KH homology domain-containing protein 4 | KHDC4 | 0.383 | 2.059629518 |
| Protein HID1 | HID1 | 0.383 | 1.931914834 |
| Formin-binding protein 1 | FNBP1 | 0.383 | 1.904379356 |
| UDP-N-acetylhexosamine pyrophosphorylase-like protein 1 | UAP1L1 | 0.385 | 3.24018907 |
| Atherin | SAMD1 | 0.386 | 3.012000143 |
| Low molecular weight phosphotyrosine protein phosphatase | ACP1 | 0.387 | 5.142603701 |
| Phosphatidylserine synthase 2 | PTDSS2 | 0.387 | 1.402681881 |
| Neutral cholesterol ester hydrolase 1 | NCEH1 | 0.388 | 2.018090404 |
| Argininosuccinate lyase | ASL | 0.389 | 3.928359585 |
| Lysine-specific demethylase 2A | KDM2A | 0.389 | 5.001973961 |
| Microtubule-associated protein 1S | MAP1S | 0.389 | 5.169368096 |
| TSC22 domain family protein 4 | TSC22D4 | 0.390 | 2.720658762 |
| Recombining binding protein suppressor of hairless | RBPJ | 0.390 | 4.001928136 |
| Protein Niban 2 | NIBAN2 | 0.391 | 4.81853005 |
| Ras-related protein Rab-8B | RAB8B | 0.391 | 4.678837456 |
| Sarcolemmal membrane-associated protein | SLMAP | 0.391 | 5.834319372 |
| RNA guanine-7 methyltransferase-activating subunit-like (pseudogene) | RAMACL | 0.391 | 1.386856736 |
| Ras-related protein Rab-43 | RAB43 | 0.392 | 2.216620299 |
| Ribosome-binding protein 1 | RRBP1 | 0.392 | 3.24402481 |
| Serine/threonine-protein kinase OSR1 | OXSR1 | 0.392 | 4.792937735 |
| Arf-GAP with Rho-GAP domain, ANK repeat and PH domain-containing protein 1 | ARAP1 | 0.393 | 1.901764491 |
| Protein SCAI | SCAI | 0.393 | 2.35554012 |
| Tetratricopeptide repeat protein 9A | TTC9 | 0.394 | 2.239825877 |
| Rhomboid domain-containing protein 3 | RHBDD3 | 0.394 | 1.430398586 |
| Mitogen-activated protein kinase kinase kinase kinase 2 | MAP4K2 | 0.394 | 1.763045672 |
| HLA class I histocompatibility antigen, C alpha chain | HLA-C | 0.394 | 1.597286071 |
| Anion exchange protein 2 | SLC4A2 | 0.394 | 4.884870848 |
| Interferon regulatory factor 2 | IRF2 | 0.395 | 1.317863018 |
| Actin-binding LIM protein 1 | ABLIM1 | 0.397 | 2.297773607 |
| 28S ribosomal protein S11, mitochondrial | MRPS11 | 0.397 | 6.098640676 |
| Receptor-type tyrosine-protein phosphatase gamma | PTPRG | 0.397 | 1.308261324 |
| Transmembrane protein with metallophosphoesterase domain | TMPPE | 0.398 | 2.058273567 |
| Retinal-specific phospholipid-transporting ATPase ABCA4 | ABCA4 | 0.399 | 1.439510948 |
| Choline/ethanolamine kinase | CHKB | 0.400 | 4.039182328 |
| Lysosome membrane protein 2 | SCARB2 | 0.400 | 2.455840082 |
| RAC-alpha serine/threonine-protein kinase | AKT1 | 0.400 | 2.422931742 |
| Zyxin | ZYX | 0.400 | 1.694783255 |
| Polypyrimidine tract-binding protein 3 | PTBP3 | 0.401 | 1.386666295 |
| Long-chain-fatty-acid--CoA ligase 1 | ACSL1 | 0.401 | 1.826208029 |
| Nuclear factor 1 X-type | NFIX | 0.401 | 4.043996085 |
| Chondroitin sulfate synthase 2 | CHPF | 0.402 | 4.988966165 |
| Serine/threonine-protein phosphatase 2A regulatory subunit B'' subunit alpha | PPP2R3A | 0.402 | 2.708597236 |
| Septin-8 | SEPTIN8 | 0.403 | 3.82197423 |
| Ribonucleoside-diphosphate reductase subunit M2 B | RRM2B | 0.403 | 5.294995534 |
| Major facilitator superfamily domain-containing protein 10 | MFSD10 | 0.403 | 3.012936576 |
| Dynamin-3 | DNM3 | 0.403 | 1.377955439 |
| Misshapen-like kinase 1 | MINK1 | 0.404 | 5.704679631 |
| Inhibitor of nuclear factor kappa-B kinase-interacting protein | IKBIP | 0.404 | 3.842701878 |
| Pyruvate kinase PKM | PKM | 0.404 | 7.740787645 |
| Pleckstrin homology domain-containing family A member 1 | PLEKHA1 | 0.405 | 1.793791382 |
| Solute carrier family 41 member 3 | SLC41A3 | 0.405 | 1.329041836 |
| PHD finger protein 21A | PHF21A | 0.405 | 4.193256853 |
| SUN domain-containing ossification factor | SUCO | 0.406 | 4.536640906 |
| Nicotinamide phosphoribosyltransferase | NAMPT | 0.406 | 1.808171814 |
| Solute carrier family 22 member 8 | SLC22A8 | 0.406 | 1.834051684 |
| Caspase recruitment domain-containing protein 19 | CARD19 | 0.407 | 2.078953411 |
| BRI3-binding protein | BRI3BP | 0.408 | 2.480140944 |
| Mediator of RNA polymerase II transcription subunit 13-like | MED13L | 0.408 | 1.694783255 |
| [3-methyl-2-oxobutanoate dehydrogenase [lipoamide]] kinase, mitochondrial | BCKDK | 0.408 | 1.995280517 |
| EVI5-like protein | EVI5L | 0.409 | 1.373143978 |
| 3-ketodihydrosphingosine reductase | KDSR | 0.410 | 3.451130938 |
| Putative sodium-coupled neutral amino acid transporter 10 | SLC38A10 | 0.410 | 2.391717271 |
| Adaptin ear-binding coat-associated protein 2 | NECAP2 | 0.411 | 5.350052414 |
| Lysine-specific demethylase 5B | KDM5B | 0.412 | 1.730854143 |
| Vacuolar protein sorting-associated protein 37B | VPS37B | 0.413 | 4.460641448 |
| Beta-adrenergic receptor kinase 1 | GRK2 | 0.413 | 4.724419859 |
| Ubiquitin-conjugating enzyme E2 variant 3 | UEVLD | 0.415 | 1.646779654 |
| Tight junction-associated protein 1 | TJAP1 | 0.415 | 3.045839171 |
| Methylthioribose-1-phosphate isomerase | MRI1 | 0.416 | 3.299084032 |
| Oxygen-dependent coproporphyrinogen-III oxidase, mitochondrial | CPOX | 0.417 | 4.189947302 |
| Ubiquitin thioesterase OTU1 | YOD1 | 0.417 | 1.654320178 |
| LIM and calponin homology domains-containing protein 1 | LIMCH1 | 0.418 | 4.213782217 |
| Endoplasmic reticulum chaperone BiP | HSPA5 | 0.418 | 6.010983484 |
| Ubiquitin-associated protein 1-like | UBAP1L | 0.420 | 1.470678528 |
| GDP-fucose protein O-fucosyltransferase 2 | POFUT2 | 0.421 | 3.621249511 |
| Nucleoredoxin | NXN | 0.421 | 1.992009489 |
| Cytochrome P450 2U1 | CYP2U1 | 0.421 | 1.549678399 |
| Crk-like protein | CRKL | 0.421 | 5.40645328 |
| Protein kinase C and casein kinase substrate in neurons protein 2 | PACSIN2 | 0.422 | 4.336218356 |
| MAP kinase-activating death domain protein | MADD | 0.422 | 5.195421901 |
| Dihydropyrimidinase-related protein 2 | DPYSL2 | 0.424 | 5.633441304 |
| Puromycin-sensitive aminopeptidase | NPEPPS | 0.424 | 6.270027859 |
| Vimentin | VIM | 0.429 | 7.967328152 |
| Golgi-resident adenosine 3',5'-bisphosphate 3'-phosphatase | BPNT2 | 0.431 | 3.086906276 |
| Probable C-mannosyltransferase DPY19L1 | DPY19L1 | 0.432 | 3.306133978 |
| Costars family protein ABRACL | ABRACL | 0.433 | 1.664966063 |
| Glycoprotein-N-acetylgalactosamine 3-beta-galactosyltransferase 1 | C1GALT1 | 0.433 | 2.754634923 |
| Calmodulin-3 | CALM3 | 0.435 | 3.926608085 |
| Integrin beta-8 | ITGB8 | 0.436 | 2.946031079 |
| D-dopachrome decarboxylase | DDT | 0.439 | 4.88510272 |
| Sororin | CDCA5 | 0.442 | 2.240497683 |
| Uncharacterized protein C1orf21 | C1orf21 | 0.442 | 1.575802417 |
| Unconventional myosin-Ie | MYO1E | 0.442 | 4.081219625 |
| Non-histone chromosomal protein HMG-17 | HMGN2 | 0.443 | 2.413896246 |
| Iron-responsive element-binding protein 2 | IREB2 | 0.443 | 6.622109923 |
| Inositol hexakisphosphate kinase 1 | IP6K1 | 0.444 | 4.369123369 |
| TBC1 domain family member 10A | TBC1D10A | 0.444 | 2.5311077 |
| Xaa-Pro aminopeptidase 1 | XPNPEP1 | 0.445 | 5.308417852 |
| Kidney mitochondrial carrier protein 1 | SLC25A30 | 0.446 | 2.758798641 |
| Zinc finger protein 292 | ZNF292 | 0.448 | 1.732768198 |
| Paraneoplastic antigen Ma2 | PNMA2 | 0.448 | 1.834729782 |
| Peptide deformylase, mitochondrial | PDF | 0.449 | 1.440067274 |
| RNA-binding protein 27 | RBM27 | 0.450 | 5.675913704 |
| Serine incorporator 5 | SERINC5 | 0.451 | 3.119227735 |
| Patatin-like phospholipase domain-containing protein 2 | PNPLA2 | 0.451 | 1.351999187 |
| Inositol 1,4,5-trisphosphate receptor-interacting protein | ITPRIP | 0.451 | 1.624681856 |
| Protein yippee-like 5 | YPEL5 | 0.452 | 1.328261114 |
| Microtubule-associated proteins 1A/1B light chain 3B | MAP1LC3B | 0.453 | 4.944211518 |
| Protein FAM160A1 | FAM160A1 | 0.453 | 1.36348127 |
| Tubulin beta-6 chain | TUBB6 | 0.455 | 4.110766192 |
| Serine hydrolase RBBP9 | RBBP9 | 0.455 | 1.686618523 |
| Immunoglobulin superfamily member 8 | IGSF8 | 0.455 | 2.868140333 |
| Programmed cell death protein 6 | PDCD6 | 0.455 | 5.333097071 |
| Rho guanine nucleotide exchange factor 10 | ARHGEF10 | 0.456 | 6.556856508 |
| Junction-mediating and -regulatory protein | JMY | 0.456 | 2.535695507 |
| Phospholipid phosphatase 3 | PLPP3 | 0.456 | 2.888216395 |
| Receptor expression-enhancing protein 6 | REEP6 | 0.458 | 2.640849375 |
| Glucosamine-6-phosphate isomerase 2 | GNPDA2 | 0.460 | 1.925342202 |
| ATP-dependent 6-phosphofructokinase, liver type | PFKL | 0.460 | 5.097666743 |
| Protein S100-A10 | S100A10 | 0.462 | 2.512387975 |
| Immunoglobulin superfamily member 3 | IGSF3 | 0.462 | 3.115782745 |
| Rho guanine nucleotide exchange factor 7 | ARHGEF7 | 0.462 | 3.748367793 |
| DBF4-type zinc finger-containing protein 2 | ZDBF2 | 0.465 | 5.055204055 |
| Ras-related protein Rab-6B | RAB6B | 0.465 | 3.0251262 |
| Eukaryotic translation initiation factor 4H | EIF4H | 0.466 | 3.762802408 |
| Ankyrin-1 | ANK1 | 0.466 | 1.359443469 |
| E3 ubiquitin-protein ligase RBBP6 | RBBP6 | 0.466 | 2.400679852 |
| Rhophilin-2 | RHPN2 | 0.467 | 1.828550411 |
| E3 ubiquitin-protein ligase TRIM41 | TRIM41 | 0.468 | 1.446654105 |
| Phosphoprotein associated with glycosphingolipid-enriched microdomains 1 | PAG1 | 0.468 | 2.374202746 |
| Chromosome transmission fidelity protein 18 homolog | CHTF18 | 0.469 | 1.688246002 |
| Syntaxin-2 | STX2 | 0.470 | 2.762564003 |
| Lysophosphatidylcholine acyltransferase 2 | LPCAT2 | 0.471 | 1.352616723 |
| A-kinase anchor protein 2 | AKAP2 | 0.471 | 2.421965035 |
| GRAM domain-containing protein 4 | GRAMD4 | 0.472 | 2.681628765 |
| Protein sidekick-1 | SDK1 | 0.472 | 2.566575917 |
| Guanylate kinase | GUK1 | 0.473 | 3.321130376 |
| NADH-cytochrome b5 reductase 2 | CYB5R2 | 0.474 | 1.746730441 |
| Hydroxyacylglutathione hydrolase, mitochondrial | HAGH | 0.475 | 5.499571217 |
| Leucine-rich repeat and calponin homology domain-containing protein 4 | LRCH4 | 0.475 | 2.088998909 |
| Protein sprouty homolog 1 | SPRY1 | 0.478 | 1.818177187 |
| Ubiquitin-associated and SH3 domain-containing protein B | UBASH3B | 0.478 | 4.812861513 |
| Suppression of tumorigenicity 18 protein | ST18 | 0.479 | 3.899534799 |
| Tuftelin | TUFT1 | 0.479 | 4.478272977 |
| Brain-specific angiogenesis inhibitor 1-associated protein 2 | BAIAP2 | 0.482 | 4.578754524 |
| mRNA cap guanine-N7 methyltransferase | RNMT | 0.484 | 7.076925434 |
| Ras-related protein Rab-6A | RAB6A | 0.485 | 3.338729695 |
| Ataxin-1 | ATXN1 | 0.487 | 3.172835774 |
| Oxysterol-binding protein-related protein 10 | OSBPL10 | 0.487 | 5.853448065 |
| Plexin-A3 | PLXNA3 | 0.487 | 1.928992821 |
| Metal transporter CNNM4 | CNNM4 | 0.490 | 5.085773474 |
| Pyridoxal kinase | PDXK | 0.491 | 6.480518232 |
| 1-acyl-sn-glycerol-3-phosphate acyltransferase beta | AGPAT2 | 0.491 | 2.284728128 |
| (E3-independent) E2 ubiquitin-conjugating enzyme | UBE2O | 0.492 | 7.365899008 |
| SH2B adapter protein 1 | SH2B1 | 0.492 | 1.826208029 |
| Glycogen phosphorylase, liver form | PYGL | 0.493 | 4.347639609 |
| Spermine synthase | SMS | 0.493 | 4.771896925 |
| Shiftless antiviral inhibitor of ribosomal frameshifting protein | SHFL | 0.495 | 2.619829329 |
| Beta-arrestin-1 | ARRB1 | 0.496 | 2.57572604 |
| Collagen alpha-1(XII) chain | COL12A1 | 0.498 | 2.863163826 |
| GTPase IMAP family member 2 | GIMAP2 | 0.498 | 1.436041239 |
| Formin-binding protein 1-like | FNBP1L | 0.501 | 3.31093007 |
| Calcipressin-1 | RCAN1 | 0.502 | 3.051144264 |
| P3 protein | SLC10A3 | 0.505 | 1.652524736 |
| Dystrophin | DMD | 0.505 | 3.822213775 |
| Transmembrane protein 41A | TMEM41A | 0.506 | 3.281782819 |
| Actin-binding LIM protein 2 | ABLIM2 | 0.506 | 2.031216523 |
| Myosin-11 | MYH11 | 0.508 | 2.208850613 |
| F-box/LRR-repeat protein 20 | FBXL20 | 0.509 | 1.625878046 |
| 52 kDa repressor of the inhibitor of the protein kinase | THAP12 | 0.509 | 4.561176794 |
| Protein CLN8 | CLN8 | 0.510 | 2.264663088 |
| Ceroid-lipofuscinosis neuronal protein 6 | CLN6 | 0.510 | 2.542949557 |
| Triosephosphate isomerase | TPI1 | 0.510 | 7.980030983 |
| ADP-ribose glycohydrolase ARH3 | ADPRS | 0.511 | 7.355283437 |
| Plasma membrane calcium-transporting ATPase 4 | ATP2B4 | 0.512 | 4.095643536 |
| Polyamine deacetylase HDAC10 | HDAC10 | 0.514 | 1.550182679 |
| Golgi apparatus membrane protein TVP23 homolog C | TVP23C | 0.514 | 1.685686435 |
| PDZ and LIM domain protein 2 | PDLIM2 | 0.516 | 4.017199936 |
| WD repeat domain phosphoinositide-interacting protein 3 | WDR45B | 0.518 | 4.351524274 |
| Protein NDRG2 | NDRG2 | 0.518 | 1.759206429 |
| Cyclic AMP-responsive element-binding protein 1 | CREB1 | 0.519 | 4.843421992 |
| Calcium-responsive transactivator | SS18L1 | 0.521 | 2.276673556 |
| Tubulin beta-3 chain | TUBB3 | 0.525 | 7.434161673 |
| Cilia- and flagella-associated protein 36 | CFAP36 | 0.525 | 2.678289428 |
| ADP/ATP translocase 1 | SLC25A4 | 0.526 | 5.107399853 |
| Neurocalcin-delta | NCALD | 0.527 | 1.906997564 |
| Lysine-specific demethylase 2B | KDM2B | 0.528 | 3.682593731 |
| Transcriptional coactivator YAP1 | YAP1 | 0.534 | 5.985409057 |
| ADP-ribosylation factor-like protein 6 | ARL6 | 0.534 | 5.616258294 |
| Bromodomain adjacent to zinc finger domain protein 2B | BAZ2B | 0.535 | 1.949267977 |
| Myosin light polypeptide 6 | MYL6 | 0.535 | 5.563266183 |
| Tubulin alpha-4A chain | TUBA4A | 0.536 | 2.094770908 |
| Protein disulfide-isomerase | P4HB | 0.538 | 8.797666178 |
| Dihydropyrimidinase-related protein 3 | DPYSL3 | 0.538 | 1.919031218 |
| Formin-like protein 2 | FMNL2 | 0.538 | 5.801250487 |
| POTE ankyrin domain family member E | POTEE | 0.541 | 6.470575757 |
| FERM, ARHGEF and pleckstrin domain-containing protein 1 | FARP1 | 0.545 | 1.510344136 |
| Ryanodine receptor 3 | RYR3 | 0.546 | 2.909829814 |
| Ras and Rab interactor 1 | RIN1 | 0.549 | 1.538466567 |
| Triple functional domain protein | TRIO | 0.550 | 4.077502152 |
| Bifunctional arginine demethylase and lysyl-hydroxylase JMJD6 | JMJD6 | 0.550 | 4.620832101 |
| Glyceraldehyde-3-phosphate dehydrogenase | GAPDH | 0.552 | 4.68634426 |
| EF-hand domain-containing protein D2 | EFHD2 | 0.552 | 1.661123457 |
| Bromodomain-containing protein 9 | BRD9 | 0.553 | 2.303266507 |
| Arfaptin-2 | ARFIP2 | 0.553 | 2.642966574 |
| Ral GTPase-activating protein subunit alpha-2 | RALGAPA2 | 0.553 | 2.616578703 |
| Armadillo repeat protein deleted in velo-cardio-facial syndrome | ARVCF | 0.556 | 2.941769477 |
| DnaJ homolog subfamily C member 5 | DNAJC5 | 0.559 | 5.485974791 |
| Dual specificity protein phosphatase 3 | DUSP3 | 0.560 | 5.53602297 |
| WASH complex subunit 4 | WASHC4 | 0.561 | 2.856901194 |
| Anoctamin-6 | ANO6 | 0.562 | 5.590825023 |
| Rho guanine nucleotide exchange factor 18 | ARHGEF18 | 0.562 | 3.483316498 |
| Protein AF-9 | MLLT3 | 0.563 | 1.859661721 |
| Autophagy-related protein 9A | ATG9A | 0.566 | 6.810809378 |
| Spindlin interactor and repressor of chromatin-binding protein | SPINDOC | 0.566 | 3.422513651 |
| Paralemmin-1 | PALM | 0.570 | 2.888216395 |
| Protein KRBA1 | KRBA1 | 0.572 | 2.036416808 |
| 60S acidic ribosomal protein P1 | RPLP1 | 0.573 | 4.483668118 |
| Coxsackievirus and adenovirus receptor | CXADR | 0.575 | 1.979510285 |
| Ras-related protein Rab-40C | RAB40C | 0.576 | 2.182753513 |
| TBC1 domain family member 22A | TBC1D22A | 0.578 | 6.018416213 |
| Oxysterol-binding protein-related protein 5 | OSBPL5 | 0.578 | 1.615888111 |
| Peptide-N(4)-(N-acetyl-beta-glucosaminyl)asparagine amidase | NGLY1 | 0.579 | 2.730757636 |
| Transmembrane and ubiquitin-like domain-containing protein 1 | TMUB1 | 0.580 | 2.069596622 |
| Ras-related protein Rap-2b | RAP2B | 0.580 | 4.095643536 |
| Zinc finger protein 414 | ZNF414 | 0.580 | 3.525035669 |
| Serine/threonine-protein kinase BRSK2 | BRSK2 | 0.584 | 6.890123774 |
| KN motif and ankyrin repeat domain-containing protein 2 | KANK2 | 0.584 | 4.986299385 |
| Prolyl 3-hydroxylase 2 | P3H2 | 0.584 | 6.514709246 |
| Protein FAM168A | FAM168A | 0.588 | 2.304507828 |
| Beta-1-syntrophin | SNTB1 | 0.592 | 3.667896174 |
| E3 ubiquitin-protein ligase SHPRH | SHPRH | 0.593 | 3.819095065 |
| Latent-transforming growth factor beta-binding protein 1 | LTBP1 | 0.597 | 2.76240943 |
| Desmin | DES | 0.598 | 3.927098566 |
| Aspartyl aminopeptidase | DNPEP | 0.598 | 4.158299862 |
| Neurotrimin | NTM | 0.601 | 2.338963352 |
| Autism susceptibility gene 2 protein | AUTS2 | 0.602 | 4.427895599 |
| Transferrin receptor protein 1 | TFRC | 0.603 | 3.028926296 |
| NGFI-A-binding protein 2 | NAB2 | 0.604 | 2.464786035 |
| Migration and invasion enhancer 1 | MIEN1 | 0.604 | 2.558774967 |
| RNA-binding motif protein, X-linked-like-3 | RBMXL3 | 0.612 | 2.653705067 |
| Plasminogen activator inhibitor 1 | SERPINE1 | 0.614 | 1.515507552 |
| Elongation factor 1-alpha 2 | EEF1A2 | 0.617 | 4.377227889 |
| Galectin-3 | LGALS3 | 0.619 | 5.004230189 |
| DENN domain-containing protein 4B | DENND4B | 0.621 | 1.600033832 |
| A-kinase anchor protein 17A | AKAP17A | 0.622 | 1.792516998 |
| SEC14-like protein 2 | SEC14L2 | 0.623 | 3.887502308 |
| Protein phosphatase methylesterase 1 | PPME1 | 0.623 | 6.768985754 |
| Ras-related protein Rab-30 | RAB30 | 0.625 | 1.705479315 |
| Microtubule-associated protein tau | MAPT | 0.625 | 1.457741202 |
| Protein TANC2 | TANC2 | 0.625 | 2.633081468 |
| Fos-related antigen 2 | FOSL2 | 0.627 | 1.871953891 |
| Metal cation symporter ZIP14 | SLC39A14 | 0.627 | 4.60268653 |
| Mannosyl-oligosaccharide 1,2-alpha-mannosidase IA | MAN1A1 | 0.627 | 2.973277222 |
| UTP--glucose-1-phosphate uridylyltransferase | UGP2 | 0.627 | 5.731637231 |
| Proteolipid protein 2 | PLP2 | 0.628 | 4.157654823 |
| Rab11 family-interacting protein 5 | RAB11FIP5 | 0.628 | 4.004598864 |
| Sodium- and chloride-dependent taurine transporter | SLC6A6 | 0.630 | 6.883075746 |
| RCC1-like G exchanging factor-like protein | RCC1L | 0.631 | 1.435332786 |
| Fibronectin | FN1 | 0.635 | 3.701068924 |
| Insulin-like growth factor 1 receptor | IGF1R | 0.637 | 1.972628045 |
| 14-3-3 protein sigma | SFN | 0.639 | 1.370918908 |
| UL16-binding protein 2 | ULBP2 | 0.640 | 5.861144021 |
| Deoxyhypusine hydroxylase | DOHH | 0.641 | 3.662167027 |
| Gelsolin | GSN | 0.641 | 2.584186636 |
| Phosphoglycerate mutase 1 | PGAM1 | 0.642 | 4.88510272 |
| Transcription factor 19 | TCF19 | 0.644 | 2.299597879 |
| Transforming growth factor-beta receptor-associated protein 1 | TGFBRAP1 | 0.645 | 1.384899935 |
| Calcium/calmodulin-dependent protein kinase type 1D | CAMK1D | 0.648 | 2.0198237 |
| Phosphatidylserine synthase 1 | PTDSS1 | 0.648 | 1.492408815 |
| Zinc finger protein Rlf | RLF | 0.649 | 5.96520784 |
| Glycolipid transfer protein | GLTP | 0.649 | 5.203315802 |
| Dual specificity mitogen-activated protein kinase kinase 1 | MAP2K1 | 0.652 | 8.123835798 |
| Lysine-specific demethylase 5C | KDM5C | 0.653 | 5.141204376 |
| Galectin-8 | LGALS8 | 0.654 | 3.278677472 |
| [Pyruvate dehydrogenase (acetyl-transferring)] kinase isozyme 3, mitochondrial | PDK3 | 0.657 | 5.199233608 |
| Translocon-associated protein subunit gamma | SSR3 | 0.659 | 1.385424754 |
| AMSH-like protease | STAMBPL1 | 0.663 | 4.433126262 |
| Solute carrier family 35 member E1 | SLC35E1 | 0.664 | 5.880868369 |
| Protein AHNAK2 | AHNAK2 | 0.665 | 3.573198465 |
| Caveolin-2 | CAV2 | 0.669 | 2.013400038 |
| Oligophrenin-1 | OPHN1 | 0.674 | 1.643508219 |
| Apoptotic protease-activating factor 1 | APAF1 | 0.675 | 2.063776325 |
| Septin-5 | SEPTIN5 | 0.676 | 2.950190785 |
| Endothelin-converting enzyme 1 | ECE1 | 0.677 | 8.701959251 |
| TBC1 domain family member 9B | TBC1D9B | 0.677 | 9.474598243 |
| Pleckstrin homology-like domain family A member 2 | PHLDA2 | 0.677 | 1.697346048 |
| Tetraspanin-31 | TSPAN31 | 0.683 | 1.803055342 |
| Protein FAM210A | FAM210A | 0.685 | 3.012936576 |
| Kinesin light chain 3 | KLC3 | 0.687 | 2.533202256 |
| A-kinase anchor protein 12 | AKAP12 | 0.687 | 1.445098881 |
| [F-actin]-monooxygenase MICAL3 | MICAL3 | 0.688 | 8.635034626 |
| Serine/threonine-protein kinase 10 | STK10 | 0.690 | 5.146852377 |
| Gigaxonin | GAN | 0.692 | 1.803055342 |
| E3 ubiquitin-protein ligase ARIH2 | ARIH2 | 0.694 | 1.657646645 |
| Beta-enolase | ENO3 | 0.698 | 1.515175947 |
| RNA polymerase II subunit A C-terminal domain phosphatase | CTDP1 | 0.698 | 6.810809378 |
| Unconventional myosin-Ib | MYO1B | 0.703 | 2.243188108 |
| Proline-rich protein 5-like | PRR5L | 0.706 | 5.731637231 |
| High mobility group protein HMGI-C | HMGA2 | 0.714 | 3.102735311 |
| Fructose-bisphosphate aldolase A | ALDOA | 0.714 | 6.240359746 |
| Numb-like protein | NUMBL | 0.714 | 1.585123456 |
| Amphoterin-induced protein 2 | AMIGO2 | 0.715 | 1.997109433 |
| SEC14-like protein 3 | SEC14L3 | 0.718 | 3.40482065 |
| Very large A-kinase anchor protein | CRYBG3 | 0.719 | 5.227759205 |
| Uncharacterized protein KIAA2013 | KIAA2013 | 0.720 | 5.758431606 |
| Short-chain dehydrogenase/reductase 3 | DHRS3 | 0.721 | 3.958864772 |
| Inhibitor of growth protein 1 | ING1 | 0.723 | 4.724419859 |
| Fructose-bisphosphate aldolase C | ALDOC | 0.727 | 5.907916764 |
| Deoxynucleotidyltransferase terminal-interacting protein 1 | DNTTIP1 | 0.728 | 7.170096394 |
| Cilia- and flagella-associated protein 410 | CFAP410 | 0.729 | 2.629812956 |
| Alpha-(1,3)-fucosyltransferase 11 | FUT11 | 0.739 | 4.350728559 |
| Homer protein homolog 1 | HOMER1 | 0.740 | 6.809856591 |
| E3 ubiquitin-protein ligase RNF126 | RNF126 | 0.744 | 1.649406938 |
| Ribonucleoside-diphosphate reductase subunit M2 | RRM2 | 0.745 | 5.097703144 |
| 5'-nucleotidase | NT5E | 0.749 | 6.950124688 |
| Endophilin-A2 | SH3GL1 | 0.759 | 6.930576142 |
| Tyrosine-protein kinase ABL1 | ABL1 | 0.762 | 5.405976357 |
| CUGBP Elav-like family member 2 | CELF2 | 0.767 | 5.258998977 |
| SH3 domain-binding glutamic acid-rich-like protein 3 | SH3BGRL3 | 0.770 | 2.819121792 |
| NCK-interacting protein with SH3 domain | NCKIPSD | 0.772 | 7.284152098 |
| UPF0696 protein C11orf68 | C11orf68 | 0.773 | 6.298997908 |
| Caveolin-1 | CAV1 | 0.774 | 4.255026641 |
| Epithelial membrane protein 2 | EMP2 | 0.782 | 4.184777731 |
| Cytoplasmic polyadenylation element-binding protein 4 | CPEB4 | 0.783 | 4.183145501 |
| Uronyl 2-sulfotransferase | UST | 0.784 | 3.528006171 |
| Nucleolar protein 3 | NOL3 | 0.789 | 3.049357342 |
| Serine beta-lactamase-like protein LACTB, mitochondrial | LACTB | 0.789 | 3.88954441 |
| Peroxisomal biogenesis factor 19 | PEX19 | 0.793 | 2.870805185 |
| SH3 domain-binding protein 4 | SH3BP4 | 0.793 | 7.024122792 |
| DnaJ homolog subfamily B member 2 | DNAJB2 | 0.799 | 5.914500684 |
| Protein phosphatase 1 regulatory subunit 16A | PPP1R16A | 0.801 | 5.870616746 |
| Monocarboxylate transporter 1 | SLC16A1 | 0.802 | 6.513595518 |
| Interleukin-6 receptor subunit beta | IL6ST | 0.807 | 4.374590565 |
| Cysteine and glycine-rich protein 2 | CSRP2 | 0.809 | 2.807589511 |
| Phosphoglucomutase-1 | PGM1 | 0.810 | 4.824396582 |
| Ephrin type-B receptor 3 | EPHB3 | 0.814 | 4.321058241 |
| Phosphatidate phosphatase LPIN2 | LPIN2 | 0.824 | 6.698283209 |
| F-box/LRR-repeat protein 12 | FBXL12 | 0.827 | 3.432396361 |
| Anoctamin-8 | ANO8 | 0.828 | 2.844310982 |
| Transcription factor MafG | MAFG | 0.829 | 6.655253402 |
| RUN and SH3 domain-containing protein 1 | RUSC1 | 0.835 | 2.192533164 |
| Atlastin-1 | ATL1 | 0.838 | 8.093858122 |
| Mitogen-activated protein kinase 7 | MAPK7 | 0.842 | 4.390635037 |
| Endoplasmic reticulum junction formation protein lunapark | LNPK | 0.848 | 7.795467051 |
| CD9 antigen | CD9 | 0.869 | 6.831774874 |
| Solute carrier family 12 member 2 | SLC12A2 | 0.869 | 4.35758529 |
| Myocyte-specific enhancer factor 2A | MEF2A | 0.870 | 6.652564353 |
| Protein FAM83G | FAM83G | 0.874 | 4.141485966 |
| Interleukin-1 receptor accessory protein | IL1RAP | 0.875 | 6.281481776 |
| Apolipoprotein C-III | APOC3 | 0.878 | 2.324608016 |
| Solute carrier family 2, facilitated glucose transporter member 1 | SLC2A1 | 0.878 | 3.296088189 |
| Ras association domain-containing protein 2 | RASSF2 | 0.878 | 8.046193715 |
| Nuclear factor NF-kappa-B p100 subunit | NFKB2 | 0.879 | 8.653431315 |
| V-type proton ATPase 116 kDa subunit a3 | TCIRG1 | 0.882 | 6.255496469 |
| Junctophilin-1 | JPH1 | 0.896 | 4.057310143 |
| Mannose-6-phosphate isomerase | MPI | 0.896 | 4.343149448 |
| Epidermal growth factor receptor | EGFR | 0.897 | 3.091569212 |
| Lysophosphatidylcholine acyltransferase 1 | LPCAT1 | 0.903 | 6.912499736 |
| Uncharacterized protein C4orf3 | C4orf3 | 0.907 | 4.330334832 |
| Arf-GAP with GTPase, ANK repeat and PH domain-containing protein 1 | AGAP1 | 0.912 | 5.119666478 |
| Insulin-like growth factor-binding protein 5 | IGFBP5 | 0.918 | 2.825185921 |
| RNA demethylase ALKBH5 | ALKBH5 | 0.922 | 6.346917555 |
| Pyridoxal phosphate phosphatase | PDXP | 0.927 | 7.795467051 |
| Zinc finger protein 654 | ZNF654 | 0.930 | 5.769732848 |
| Inositol 1,4,5-trisphosphate receptor type 1 | ITPR1 | 0.933 | 8.827150281 |
| Plakophilin-2 | PKP2 | 0.934 | 7.482435472 |
| C-type lectin domain family 2 member B | CLEC2B | 0.942 | 3.82197423 |
| Basigin | BSG | 0.943 | 7.31584205 |
| Ras-related GTP-binding protein D | RRAGD | 0.943 | 5.289474648 |
| Transducin-like enhancer protein 3 | TLE3 | 0.967 | 5.339216367 |
| Scavenger receptor class B member 1 | SCARB1 | 0.970 | 7.350751669 |
| Protein lin-54 homolog | LIN54 | 0.974 | 2.622986136 |
| Coagulation factor XIII A chain | F13A1 | 0.982 | 2.99116682 |
| Thymidine kinase, cytosolic | TK1 | 0.994 | 7.417775381 |
| Stromal membrane-associated protein 2 | SMAP2 | 0.998 | 5.37895951 |
| Hemoglobin subunit alpha | HBA2 | 1.001 | 2.587372916 |
| SH3 domain-binding protein 5 | SH3BP5 | 1.007 | 5.72082972 |
| Phosphoinositide 3-kinase adapter protein 1 | PIK3AP1 | 1.010 | 2.680300991 |
| [Pyruvate dehydrogenase (acetyl-transferring)] kinase isozyme 1, mitochondrial | PDK1 | 1.010 | 7.118013649 |
| Ankyrin repeat and zinc finger domain-containing protein 1 | ANKZF1 | 1.011 | 5.416767134 |
| Vitamin K epoxide reductase complex subunit 1 | VKORC1 | 1.014 | 1.978297933 |
| Tripartite motif-containing protein 2 | TRIM2 | 1.019 | 6.16467394 |
| Cyclin-dependent kinase 6 | CDK6 | 1.028 | 5.001257198 |
| Mitotic deacetylase-associated SANT domain protein | MIDEAS | 1.029 | 9.095809261 |
| Sphingolipid delta(4)-desaturase DES1 | DEGS1 | 1.029 | 3.819095065 |
| UDP-N-acetylhexosamine pyrophosphorylase | UAP1 | 1.038 | 8.123835798 |
| Pleckstrin homology domain-containing family A member 2 | PLEKHA2 | 1.042 | 2.664349789 |
| ATP-dependent 6-phosphofructokinase, platelet type | PFKP | 1.043 | 11.14499335 |
| MICAL-like protein 2 | MICALL2 | 1.062 | 1.333579114 |
| Multiple coagulation factor deficiency protein 2 | MCFD2 | 1.067 | 2.925736018 |
| Cyclin-Y | CCNY | 1.070 | 6.121673938 |
| Tetraspanin-9 | TSPAN9 | 1.085 | 6.267242587 |
| Protein canopy homolog 3 | CNPY3 | 1.097 | 7.795467051 |
| Intermediate filament family orphan 2 | IFFO2 | 1.101 | 5.093074969 |
| Cytoplasmic phosphatidylinositol transfer protein 1 | PITPNC1 | 1.104 | 4.16685652 |
| Phosphoglycerate kinase 1 | PGK1 | 1.106 | 8.305712133 |
| Insulin receptor substrate 2 | IRS2 | 1.115 | 9.688293484 |
| Serine/threonine-protein kinase RIO3 | RIOK3 | 1.136 | 6.063220792 |
| EH domain-containing protein 2 | EHD2 | 1.152 | 7.315031716 |
| Prolyl hydroxylase EGLN3 | EGLN3 | 1.155 | 5.863657542 |
| Phosphoglycerate kinase 2 | PGK2 | 1.167 | 7.269775068 |
| Brefeldin A-inhibited guanine nucleotide-exchange protein 3 | ARFGEF3 | 1.169 | 6.121673938 |
| Sodium/myo-inositol cotransporter | SLC5A3 | 1.172 | 7.82958038 |
| Stearoyl-CoA desaturase | SCD | 1.177 | 7.118013649 |
| Inositol-trisphosphate 3-kinase B | ITPKB | 1.178 | 6.432116505 |
| Tumor necrosis factor alpha-induced protein 3 | TNFAIP3 | 1.179 | 2.164563713 |
| Filamin-B | FLNB | 1.180 | 4.593085702 |
| Rho GTPase-activating protein SYDE1 | SYDE1 | 1.180 | 4.483437614 |
| Divergent protein kinase domain 2A | DIPK2A | 1.181 | 9.493091777 |
| Retinol dehydrogenase 10 | RDH10 | 1.187 | 3.080138364 |
| Hypoxia-inducible lipid droplet-associated protein | HILPDA | 1.197 | 9.179090237 |
| Peptidyl-glycine alpha-amidating monooxygenase | PAM | 1.220 | 5.142603701 |
| Integrin alpha-5 | ITGA5 | 1.221 | 4.549479196 |
| Glucose-6-phosphate isomerase | GPI | 1.221 | 10.78684203 |
| Alpha-1,6-mannosylglycoprotein 6-beta-N-acetylglucosaminyltransferase A | MGAT5 | 1.262 | 6.833183057 |
| Dihydropyrimidinase-related protein 4 | DPYSL4 | 1.264 | 10.2752548 |
| F-BAR and double SH3 domains protein 1 | FCHSD1 | 1.276 | 5.30837895 |
| Choline-phosphate cytidylyltransferase B | PCYT1B | 1.279 | 8.294090049 |
| Putative MORF4 family-associated protein 1-like protein UPP | UPP | 1.287 | 4.200227091 |
| Plexin-B3 | PLXNB3 | 1.293 | 3.710435367 |
| SLIT and NTRK-like protein 6 | SLITRK6 | 1.294 | 4.731511371 |
| Plasmanylethanolamine desaturase | PEDS1 | 1.295 | 8.786089426 |
| Procollagen-lysine,2-oxoglutarate 5-dioxygenase 1 | PLOD1 | 1.309 | 9.447172618 |
| Tubulin alpha-8 chain | TUBA8 | 1.311 | 4.592108199 |
| Chondroitin sulfate synthase 1 | CHSY1 | 1.338 | 7.648613924 |
| 1,4-alpha-glucan-branching enzyme | GBE1 | 1.389 | 9.305837102 |
| Transcription factor AP-1 | JUN | 1.393 | 9.668453941 |
| Insulin-like growth factor-binding protein 2 | IGFBP2 | 1.418 | 4.433126262 |
| Protein tweety homolog 3 | TTYH3 | 1.427 | 6.757654825 |
| Protein jagged-1 | JAG1 | 1.475 | 7.306582553 |
| Collagen alpha-2(VI) chain | COL6A2 | 1.481 | 2.86820751 |
| Protein FAM117B | FAM117B | 1.482 | 6.728942478 |
| Lysine-specific demethylase 4B | KDM4B | 1.485 | 10.10455353 |
| Fos-related antigen 1 | FOSL1 | 1.524 | 4.9945765 |
| 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 3 | PFKFB3 | 1.636 | 8.437908443 |
| Protein FAM162A | FAM162A | 1.658 | 9.324420828 |
| Glycogen [starch] synthase, muscle | GYS1 | 1.687 | 6.534113192 |
| Protein THEMIS | THEMIS | 1.690 | 3.111949345 |
| Lysyl oxidase homolog 2 | LOXL2 | 1.697 | 9.324420828 |
| Glutamine--fructose-6-phosphate aminotransferase [isomerizing] 2 | GFPT2 | 1.738 | 8.536756925 |
| Collagen alpha-1(VI) chain | COL6A1 | 1.746 | 8.536756925 |
| Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit beta isoform | PPP2R5B | 1.749 | 5.341579829 |
| Sodium- and chloride-dependent creatine transporter 1 | SLC6A8 | 1.785 | 4.812639419 |
| ERBB receptor feedback inhibitor 1 | ERRFI1 | 1.787 | 8.362928769 |
| Neural cell adhesion molecule L1 | L1CAM | 1.800 | 2.393933695 |
| Gamma-enolase | ENO2 | 1.805 | 10.55494226 |
| Cadherin-5 | CDH5 | 1.808 | 6.776814416 |
| ERO1-like protein alpha | ERO1A | 1.909 | 10.10455353 |
| Glutaredoxin-1 | GLRX | 1.912 | 5.085773474 |
| Lysine-specific demethylase 3A | KDM3A | 1.969 | 11.74770631 |
| Hexokinase-2 | HK2 | 2.016 | 9.667269841 |
| Egl nine homolog 1 | EGLN1 | 2.023 | 10.10455353 |
| Prolyl 4-hydroxylase subunit alpha-1 | P4HA1 | 2.121 | 8.382352631 |
| Cyclic AMP-dependent transcription factor ATF-3 | ATF3 | 2.259 | 4.767390634 |
| Zinc finger protein 395 | ZNF395 | 2.287 | 8.827150281 |
| Protein NDRG1 | NDRG1 | 2.367 | 6.769325553 |
| Monocarboxylate transporter 4 | SLC16A3 | 2.418 | 5.923639741 |
| Protein S100-P | S100P | 2.468 | 7.458110231 |
| Dual specificity protein phosphatase 9 | DUSP9 | 2.506 | 4.629254012 |
| Collagen alpha-1(IV) chain | COL4A1 | 2.520 | 7.299526201 |
| Ras-related protein Rab-20 | RAB20 | 2.532 | 7.740787645 |
| Solute carrier family 2, facilitated glucose transporter member 3 | SLC2A3 | 2.535 | 5.410455833 |
| Collagen alpha-2(IV) chain | COL4A2 | 2.571 | 8.635034626 |
| Prolyl 4-hydroxylase subunit alpha-2 | P4HA2 | 2.633 | 6.703670149 |
| Collagen alpha-1(XI) chain | COL11A1 | 2.671 | 10.55494226 |
| Carbonic anhydrase 9 | CA9 | 2.686 | 6.831774874 |
| Cellular retinoic acid-binding protein 2 | CRABP2 | 2.845 | 7.504504762 |
| Procollagen-lysine,2-oxoglutarate 5-dioxygenase 2 | PLOD2 | 2.880 | 7.990762129 |
| REST corepressor 2 | RCOR2 | 2.967 | 6.810809378 |
| Adenylate kinase 4, mitochondrial | AK4 | 3.070 | 10.10455353 |
| 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 4 | PFKFB4 | 3.142 | 9.501168193 |
| Transcription factor MafF | MAFF | 3.170 | 6.965081155 |
| Insulin-like growth factor-binding protein 3 | IGFBP3 | 3.425 | 9.35587593 |
| BCL2/adenovirus E1B 19 kDa protein-interacting protein 3 | BNIP3 | 3.485 | 7.888274501 |