|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Appendix Table 5. Table:** **Gene expression in SK-N-AS cells vs. SK-N-DZ cells transfected with pre-miR-1228 and either suppressed or induced by radiation.** | | | | | | | | |
| “AS vs DZ w/o IR”, “DZ vs AS w/o IR”, “AS vs DZ IR”, “DZ vs AS IR”. ENSEMBL designations for differentially expressed genes were used in g-profiler to generate Graphical Table 3.4 | | | | | | | | |
| **Genes suppressed by irradiation in cells transfected with miR1228, upregulated in SK-N-AS cells vs SK-N-DZ cells** | | | | | | | | **AS vs DZ w/o IR** |
| logFC | AveExpr | t | P.Value | adj.P.Val | B | SYMBOL | GENENAME | ENSEMBL |
| 1.0151791 | 9.2213868 | 6.0824391 | 5.55E-07 | 7.80E-07 | 5.1277602 | GRWD1 | glutamate rich WD repeat containing 1 | ENSG00000105447 |
| 1.0138145 | 8.5894393 | 6.1787617 | 4.13E-07 | 5.98E-07 | 5.422801 | ZYX | zyxin | ENSG00000159840 |
| 0.9943032 | 6.2900103 | 6.2794184 | 3.04E-07 | 4.56E-07 | 5.7309404 | MIR6733 | microRNA 6733 | ENSG00000284410 |
| 0.9922628 | 7.9596353 | 8.4569479 | 4.75E-10 | 1.50E-09 | 12.238463 | NAV2 | neuron navigator 2 | ENSG00000166833 |
| 0.9823375 | 8.7256578 | 7.2614001 | 1.56E-08 | 3.13E-08 | 8.7134628 | ARHGAP1 | Rho GTPase activating protein 1 | ENSG00000175220 |
| 0.9762465 | 7.9968538 | 8.3501767 | 6.44E-10 | 1.92E-09 | 11.929796 | URB1 | URB1 ribosome biogenesis homolog | ENSG00000142207 |
| 0.9537146 | 7.7729143 | 7.6105624 | 5.54E-09 | 1.27E-08 | 9.7575623 | AAK1 | AP2 associated kinase 1 | ENSG00000115977 |
| 0.9499329 | 8.9571984 | 7.5276397 | 7.08E-09 | 1.56E-08 | 9.510583 | GCN1 | GCN1 activator of EIF2AK4 | ENSG00000089154 |
| 0.9365001 | 8.978582 | 7.7622988 | 3.54E-09 | 8.60E-09 | 10.207807 | MMP2 | matrix metallopeptidase 2 | ENSG00000087245 |
| 0.9314742 | 8.5354348 | 7.7167558 | 4.05E-09 | 9.55E-09 | 10.072903 | PLTP | phospholipid transfer protein | ENSG00000100979 |
| 0.9101693 | 7.4732703 | 9.1376664 | 7.00E-11 | 2.98E-10 | 14.174573 | FLNB | filamin B | ENSG00000136068 |
| 0.8955097 | 8.4850679 | 5.8816464 | 1.03E-06 | 1.37E-06 | 4.5125074 | IPO4 | importin 4 | ENSG00000196497 |
| 0.8950686 | 8.2674215 | 9.1492947 | 6.78E-11 | 2.92E-10 | 14.207154 | MTA1 | metastasis associated 1 | ENSG00000182979 |
| 0.8920558 | 7.896931 | 8.8807715 | 1.43E-10 | 5.33E-10 | 13.450506 | CDC42BPB | CDC42 binding protein kinase beta | ENSG00000198752 |
| 0.8894143 | 7.9326899 | 9.0991277 | 7.79E-11 | 3.22E-10 | 14.066471 | URGCP | upregulator of cell proliferation | ENSG00000106608 |
| 0.8893871 | 8.6194062 | 9.1349037 | 7.05E-11 | 2.98E-10 | 14.16683 | LASP1 | LIM and SH3 protein 1 | ENSG00000002834 |
| 0.8877335 | 8.1303365 | 6.5555811 | 1.31E-07 | 2.11E-07 | 6.5748174 | TNS1 | tensin 1 | ENSG00000079308 |
| 0.8795426 | 9.0887061 | 6.8452827 | 5.45E-08 | 9.64E-08 | 7.4564284 | AP3D1 | adaptor related protein complex 3 subunit delta 1 | ENSG00000065000 |
| 0.865706 | 7.0262114 | 3.5257162 | 0.001179 | 0.0011806 | -2.4248149 | OR2T7 | olfactory receptor family 2 subfamily T member 7 | ENSG00000227152 |
| 0.8610889 | 9.3787445 | 7.2937639 | 1.42E-08 | 2.87E-08 | 8.8106823 | ASAP1 | ArfGAP with SH3 domain, ankyrin repeat and PH domain 1 | ENSG00000153317 |
| 0.8521036 | 9.1685191 | 6.5421182 | 1.36E-07 | 2.19E-07 | 6.5337456 | ACTN1 | actinin alpha 1 | ENSG00000072110 |
| 0.8520609 | 8.6541863 | 7.8609006 | 2.66E-09 | 6.80E-09 | 10.499169 | ARPC1B | actin related protein 2/3 complex subunit 1B | ENSG00000130429 |
| 0.8489287 | 7.9845131 | 8.3064034 | 7.30E-10 | 2.14E-09 | 11.802875 | BCKDK | branched chain keto acid dehydrogenase kinase | ENSG00000103507 |
| 0.8488494 | 8.2629779 | 6.2980383 | 2.87E-07 | 4.33E-07 | 5.7879155 | FOSL1P1 | FOSL1 pseudogene 1 | NA |
| 0.8480633 | 10.246065 | 7.3780744 | 1.10E-08 | 2.31E-08 | 9.063538 | SPTBN1 | spectrin beta, non-erythrocytic 1 | ENSG00000115306 |
| 0.8432246 | 8.340587 | 6.1144791 | 5.03E-07 | 7.14E-07 | 5.2259144 | SLC25A1 | solute carrier family 25 member 1 | ENSG00000100075 |
| 0.8394849 | 5.8868383 | 5.0177191 | 1.45E-05 | 1.65E-05 | 1.8788642 | MIR548V | microRNA 548v | ENSG00000265520 |
| 0.8377396 | 8.5301117 | 6.4766759 | 1.67E-07 | 2.60E-07 | 6.3339889 | MAF1 | MAF1 homolog, negative regulator of RNA polymerase III | ENSG00000179632 |
| 0.8337503 | 6.927681 | 12.988881 | 4.24E-15 | 1.26E-13 | 24.019977 | LRP10 | LDL receptor related protein 10 | ENSG00000197324 |
| 0.8331893 | 8.1162189 | 7.0366406 | 3.06E-08 | 5.80E-08 | 8.0360318 | SLC9A3R1 | SLC9A3 regulator 1 | ENSG00000109062 |
| 0.82843 | 7.1339859 | 11.751294 | 7.84E-14 | 1.39E-12 | 21.061224 | ZNF792 | zinc finger protein 792 | ENSG00000180884 |
| 0.8283192 | 7.8385585 | 8.5035828 | 4.15E-10 | 1.32E-09 | 12.372868 | ASXL2 | ASXL transcriptional regulator 2 | ENSG00000143970 |
| 0.8282635 | 6.7581767 | 9.7958228 | 1.16E-11 | 6.88E-11 | 15.991735 | GPR135 | G protein-coupled receptor 135 | ENSG00000181619 |
| 0.8266441 | 7.7573177 | 7.4900764 | 7.91E-09 | 1.72E-08 | 9.3984953 | FAM102A | family with sequence similarity 102 member A | ENSG00000167106 |
| 0.8198999 | 8.2227665 | 6.9072315 | 4.52E-08 | 8.09E-08 | 7.6443284 | SYMPK | symplekin | ENSG00000125755 |
| 0.8046786 | 7.1219317 | 10.485697 | 1.88E-12 | 1.56E-11 | 17.836629 | ITPR3 | inositol 1,4,5-trisphosphate receptor type 3 | ENSG00000096433 |
| 0.8042942 | 8.2088286 | 6.9081247 | 4.50E-08 | 8.09E-08 | 7.6470359 | SHC1P1 | SHC adaptor protein 1 pseudogene 1 | NA |
| 0.8027809 | 8.2609848 | 5.6385241 | 2.16E-06 | 2.77E-06 | 3.7680129 | FLNC | filamin C | ENSG00000128591 |
| 0.8006006 | 7.551749 | 9.902339 | 8.75E-12 | 5.52E-11 | 16.280611 | TRAPPC9 | trafficking protein particle complex 9 | ENSG00000167632 |
| 0.8004043 | 7.6706336 | 8.3836547 | 5.85E-10 | 1.78E-09 | 12.026718 | DNASE2 | deoxyribonuclease 2, lysosomal | ENSG00000105612 |
| 0.8000279 | 9.1298819 | 8.0811867 | 1.40E-09 | 3.80E-09 | 11.14648 | PFKP | phosphofructokinase, platelet | ENSG00000067057 |
| 0.7989107 | 7.5341266 | 9.6049604 | 1.95E-11 | 1.05E-10 | 15.470454 | CAPN5 | calpain 5 | ENSG00000149260 |
| 0.7978703 | 8.231015 | 5.0409371 | 1.35E-05 | 1.55E-05 | 1.9489891 | TGFB1 | transforming growth factor beta 1 | ENSG00000105329 |
| 0.7951049 | 7.0916777 | 12.454189 | 1.46E-14 | 3.11E-13 | 22.764606 | AXL | AXL receptor tyrosine kinase | ENSG00000167601 |
| 0.7920727 | 6.8525371 | 11.059335 | 4.35E-13 | 4.91E-12 | 19.323688 | BEGAIN | brain enriched guanylate kinase associated | ENSG00000183092 |
| 0.7919624 | 7.6291763 | 8.6966913 | 2.40E-10 | 8.11E-10 | 12.926708 | PFKL | phosphofructokinase, liver type | ENSG00000141959 |
| 0.7870577 | 7.7115626 | 7.7227835 | 3.98E-09 | 9.41E-09 | 10.090769 | NR1D1 | nuclear receptor subfamily 1 group D member 1 | ENSG00000126368 |
| 0.7861358 | 7.6606296 | 6.3519173 | 2.44E-07 | 3.73E-07 | 5.9527255 | ADAM19 | ADAM metallopeptidase domain 19 | ENSG00000135074 |
| 0.7858924 | 7.0850473 | 10.684718 | 1.13E-12 | 1.02E-11 | 18.357383 | TRIM56 | tripartite motif containing 56 | ENSG00000169871 |
| 0.7842998 | 7.6529698 | 8.2936461 | 7.57E-10 | 2.21E-09 | 11.765844 | BMP1 | bone morphogenetic protein 1 | ENSG00000168487 |
| 0.7836195 | 8.8812906 | 10.570205 | 1.51E-12 | 1.30E-11 | 18.058379 | EIF3IP1 | eukaryotic translation initiation factor 3 subunit I pseudogene 1 | ENSG00000237064 |
| 0.7831403 | 9.9500686 | 5.6783801 | 1.92E-06 | 2.49E-06 | 3.8899753 | GRN | granulin precursor | ENSG00000030582 |
| 0.7790577 | 8.1132397 | 8.2406249 | 8.82E-10 | 2.54E-09 | 11.611744 | ETV6 | ETS variant transcription factor 6 | ENSG00000139083 |
| 0.7769286 | 7.9298347 | 8.8826448 | 1.42E-10 | 5.33E-10 | 13.455816 | SDC3 | syndecan 3 | ENSG00000162512 |
| 0.7759825 | 7.8734095 | 8.0384877 | 1.58E-09 | 4.23E-09 | 11.02141 | CALHM2 | calcium homeostasis modulator family member 2 | ENSG00000138172 |
| 0.7757644 | 6.1749078 | 5.8256815 | 1.22E-06 | 1.61E-06 | 4.3410445 | LOC105373716 | uncharacterized LOC105373716 | NA |
| 0.7746605 | 8.3532267 | 6.8629176 | 5.16E-08 | 9.18E-08 | 7.5099423 | ANKRD52 | ankyrin repeat domain 52 | ENSG00000139645 |
| 0.7715389 | 8.8821974 | 6.2320273 | 3.51E-07 | 5.21E-07 | 5.58589 | SLC25A39 | solute carrier family 25 member 39 | ENSG00000013306 |
| 0.7710963 | 10.416736 | 8.7170531 | 2.27E-10 | 7.72E-10 | 12.984848 | EIF3I | eukaryotic translation initiation factor 3 subunit I | ENSG00000084623 |
| 0.7685199 | 9.8198381 | 6.1869857 | 4.03E-07 | 5.85E-07 | 5.4479851 | EIF3G | eukaryotic translation initiation factor 3 subunit G | ENSG00000130811 |
| 0.7661306 | 8.5258034 | 13.676525 | 9.07E-16 | 4.21E-14 | 25.584926 | CUL4A | cullin 4A | ENSG00000139842 |
| 0.7656287 | 6.3801951 | 5.2138783 | 7.96E-06 | 9.32E-06 | 2.4729079 | SNRPCP19 | small nuclear ribonucleoprotein polypeptide C pseudogene 19 | NA |
| 0.7645067 | 7.3364984 | 10.813363 | 8.11E-13 | 8.16E-12 | 18.69126 | AGFG2 | ArfGAP with FG repeats 2 | ENSG00000106351 |
| 0.7622663 | 7.2212495 | 9.9320849 | 8.08E-12 | 5.23E-11 | 16.361021 | PLEKHA6 | pleckstrin homology domain containing A6 | ENSG00000143850 |
| 0.7621445 | 8.6405666 | 5.529643 | 3.02E-06 | 3.79E-06 | 3.4350932 | SYNM | synemin | ENSG00000182253 |
| 0.7606473 | 7.7712621 | 10.198661 | 3.99E-12 | 2.97E-11 | 17.076524 | POMGNT1 | protein O-linked mannose N-acetylglucosaminyltransferase 1 (beta 1,2-) | ENSG00000085998 |
| 0.7570764 | 7.24512 | 11.0166 | 4.84E-13 | 5.38E-12 | 19.214369 | ATXN1 | ataxin 1 | ENSG00000124788 |
| 0.7562315 | 7.179279 | 8.4514202 | 4.82E-10 | 1.52E-09 | 12.222515 | PRKD2 | protein kinase D2 | ENSG00000105287 |
| 0.7561326 | 9.165327 | 6.503976 | 1.53E-07 | 2.43E-07 | 6.4173415 | STUB1 | STIP1 homology and U-box containing protein 1 | ENSG00000103266 |
| 0.7554183 | 7.7251228 | 9.9217965 | 8.30E-12 | 5.33E-11 | 16.333222 | THAP7 | THAP domain containing 7 | ENSG00000184436 |
| 0.7551764 | 8.8992373 | 7.0372016 | 3.05E-08 | 5.80E-08 | 8.0377273 | TPP1 | tripeptidyl peptidase 1 | ENSG00000166340 |
| 0.7538949 | 7.7532227 | 8.6309875 | 2.89E-10 | 9.55E-10 | 12.738763 | RBCK1 | RANBP2-type and C3HC4-type zinc finger containing 1 | ENSG00000125826 |
| 0.7535873 | 6.858571 | 5.9287011 | 8.89E-07 | 1.20E-06 | 4.6566891 | ARMC4P1 | armadillo repeat containing 4 pseudogene 1 | NA |
| 0.7527473 | 7.6362736 | 9.2818762 | 4.70E-11 | 2.14E-10 | 14.577436 | ARID5B | AT-rich interaction domain 5B | ENSG00000150347 |
| 0.7525559 | 6.9464076 | 10.7894 | 8.62E-13 | 8.38E-12 | 18.629231 | RAPGEF5 | Rap guanine nucleotide exchange factor 5 | ENSG00000136237 |
| 0.7509348 | 8.6763535 | 6.6854957 | 8.83E-08 | 1.48E-07 | 6.9707175 | STK40 | serine/threonine kinase 40 | ENSG00000196182 |
| 0.7505913 | 7.6112405 | 7.4123441 | 9.96E-09 | 2.11E-08 | 9.1661431 | ARHGAP26 | Rho GTPase activating protein 26 | ENSG00000145819 |
| 0.7500172 | 7.75212 | 8.0836961 | 1.39E-09 | 3.79E-09 | 11.153825 | REEP4 | receptor accessory protein 4 | ENSG00000168476 |
| 0.7486152 | 9.5839332 | 8.8951542 | 1.37E-10 | 5.25E-10 | 13.491259 | ARF6 | ADP ribosylation factor 6 | ENSG00000165527 |
| 0.7474475 | 7.500889 | 9.6214565 | 1.86E-11 | 1.01E-10 | 15.515692 | SLCO4A1 | solute carrier organic anion transporter family member 4A1 | ENSG00000101187 |
| 0.7464731 | 7.9008884 | 11.927051 | 5.12E-14 | 1.00E-12 | 21.492904 | TOP1MT | DNA topoisomerase I mitochondrial | ENSG00000184428 |
| 0.7463943 | 7.4426237 | 13.282355 | 2.18E-15 | 8.55E-14 | 24.694575 | ZFYVE21 | zinc finger FYVE-type containing 21 | ENSG00000100711 |
| 0.7430309 | 8.0163143 | 8.4115071 | 5.40E-10 | 1.67E-09 | 12.107257 | THRA | thyroid hormone receptor alpha | ENSG00000126351 |
| 0.7428376 | 7.8308077 | 10.109507 | 5.04E-12 | 3.61E-11 | 16.838254 | NFS1 | NFS1 cysteine desulfurase | ENSG00000244005 |
| 0.7421547 | 7.6287017 | 6.1522437 | 4.48E-07 | 6.42E-07 | 5.3415887 | FNDC10 | fibronectin type III domain containing 10 | ENSG00000228594 |
| 0.7408277 | 8.3350263 | 10.861565 | 7.17E-13 | 7.52E-12 | 18.815809 | SMARCD2 | SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily d, member 2 | ENSG00000108604 |
| 0.7384863 | 8.4540892 | 6.4881264 | 1.61E-07 | 2.52E-07 | 6.3689532 | INTS1 | integrator complex subunit 1 | ENSG00000164880 |
| 0.7379385 | 8.2856762 | 11.701681 | 8.84E-14 | 1.50E-12 | 20.938667 | UBE2H | ubiquitin conjugating enzyme E2 H | ENSG00000186591 |
| 0.737709 | 7.6834131 | 10.040934 | 6.05E-12 | 4.10E-11 | 16.654289 | ITPR2 | inositol 1,4,5-trisphosphate receptor type 2 | ENSG00000123104 |
| 0.7375805 | 8.4586944 | 8.1289622 | 1.22E-09 | 3.37E-09 | 11.286188 | SLC4A2 | solute carrier family 4 member 2 | ENSG00000164889 |
| 0.7369497 | 10.143645 | 4.7165594 | 3.61E-05 | 3.95E-05 | 0.9749385 | CTSD | cathepsin D | ENSG00000117984 |
| 0.7367714 | 5.7804232 | 4.0815184 | 0.0002398 | 0.0002468 | -0.8822847 | TRQ-CTG2-1 | tRNA-Gln (anticodon CTG) 2-1 | NA |
| 0.7365459 | 7.0450348 | 9.4331782 | 3.10E-11 | 1.54E-10 | 14.997293 | SLC48A1 | solute carrier family 48 member 1 | ENSG00000211584 |
| 0.7356404 | 8.8488897 | 6.6332888 | 1.03E-07 | 1.71E-07 | 6.8117213 | MTR | 5-methyltetrahydrofolate-homocysteine methyltransferase | ENSG00000116984 |
| 0.7352065 | 8.8582989 | 8.7448104 | 2.10E-10 | 7.20E-10 | 13.064025 | CHRAC1 | chromatin accessibility complex subunit 1 | ENSG00000104472 |
| 0.7337501 | 9.2922556 | 9.4690002 | 2.82E-11 | 1.45E-10 | 15.096272 | SCAMP3 | secretory carrier membrane protein 3 | ENSG00000116521 |
| 0.730033 | 7.3477057 | 9.0195724 | 9.71E-11 | 3.89E-10 | 13.842734 | SH2B3 | SH2B adaptor protein 3 | ENSG00000111252 |
| 0.728247 | 9.3220435 | 9.4472712 | 2.99E-11 | 1.49E-10 | 15.036253 | BABAM1 | BRISC and BRCA1 A complex member 1 | ENSG00000105393 |
| 0.7274255 | 8.0311228 | 9.3400961 | 4.01E-11 | 1.84E-10 | 14.739337 | HMG20B | high mobility group 20B | ENSG00000064961 |
| 0.7273154 | 7.7586313 | 9.0437119 | 9.08E-11 | 3.70E-10 | 13.910706 | ENDOD1 | endonuclease domain containing 1 | ENSG00000149218 |
| 0.7267168 | 8.2586334 | 8.8817708 | 1.43E-10 | 5.33E-10 | 13.453339 | ABHD2 | abhydrolase domain containing 2, acylglycerol lipase | ENSG00000140526 |
| 0.7263082 | 8.0526445 | 7.8151613 | 3.04E-09 | 7.56E-09 | 10.364134 | RIPK1 | receptor interacting serine/threonine kinase 1 | ENSG00000137275 |
| 0.7259265 | 7.8257986 | 7.3567104 | 1.18E-08 | 2.43E-08 | 8.9995219 | STK10 | serine/threonine kinase 10 | ENSG00000072786 |
| 0.7255203 | 7.301669 | 9.5466188 | 2.28E-11 | 1.20E-10 | 15.310179 | FHOD1 | formin homology 2 domain containing 1 | ENSG00000135723 |
| 0.7246297 | 8.1328732 | 11.115807 | 3.77E-13 | 4.39E-12 | 19.467784 | AKT1 | AKT serine/threonine kinase 1 | ENSG00000142208 |
| 0.723112 | 7.0059399 | 10.674246 | 1.16E-12 | 1.04E-11 | 18.330111 | CLTCL1 | clathrin heavy chain like 1 | ENSG00000070371 |
| 0.7220171 | 7.9394421 | 9.7910943 | 1.18E-11 | 6.91E-11 | 15.978877 | STX4 | syntaxin 4 | ENSG00000103496 |
| 0.7200158 | 7.2287736 | 10.180742 | 4.18E-12 | 3.08E-11 | 17.028716 | GM2A | GM2 ganglioside activator | ENSG00000196743 |
| 0.7196452 | 5.4797508 | 4.6829987 | 4.00E-05 | 4.34E-05 | 0.874953 | LOC105376099 | uncharacterized LOC105376099 | NA |
| 0.7188109 | 9.1072428 | 6.5722996 | 1.24E-07 | 2.03E-07 | 6.6258098 | CLPTM1L | CLPTM1 like | ENSG00000049656 |
| 0.7185533 | 6.739596 | 8.9715334 | 1.11E-10 | 4.40E-10 | 13.707252 | PCDH7 | protocadherin 7 | ENSG00000169851 |
| 0.7178111 | 8.1642755 | 8.5665868 | 3.47E-10 | 1.12E-09 | 12.554048 | PIAS3 | protein inhibitor of activated STAT 3 | ENSG00000131788 |
| 0.7173791 | 7.0565414 | 13.01512 | 3.99E-15 | 1.24E-13 | 24.080703 | MTMR11 | myotubularin related protein 11 | ENSG00000014914 |
| 0.7170654 | 7.2724657 | 12.490052 | 1.34E-14 | 2.94E-13 | 22.849884 | NRG1 | neuregulin 1 | ENSG00000157168 |
| 0.7165997 | 9.0956037 | 7.2085139 | 1.83E-08 | 3.63E-08 | 8.554413 | TBRG4 | transforming growth factor beta regulator 4 | ENSG00000136270 |
| 0.7162915 | 7.1364503 | 12.627908 | 9.74E-15 | 2.20E-13 | 23.17624 | GALE | UDP-galactose-4-epimerase | ENSG00000117308 |
| 0.7148592 | 7.5490702 | 9.1139295 | 7.47E-11 | 3.11E-10 | 14.108013 | COL1A1 | collagen type I alpha 1 chain | ENSG00000108821 |
| 0.7133089 | 7.8434224 | 7.7146807 | 4.08E-09 | 9.58E-09 | 10.066751 | SLC35B2 | solute carrier family 35 member B2 | ENSG00000157593 |
| 0.712418 | 10.672856 | 9.8633152 | 9.71E-12 | 6.03E-11 | 16.174947 | AP2M1 | adaptor related protein complex 2 subunit mu 1 | ENSG00000161203 |
| 0.7123354 | 7.0754803 | 5.0281529 | 1.40E-05 | 1.61E-05 | 1.9103704 | SNORA70B | small nucleolar RNA, H/ACA box 70B | ENSG00000206937 |
| 0.7116754 | 8.3103963 | 4.8625234 | 2.32E-05 | 2.60E-05 | 1.4116397 | MYDGF | myeloid derived growth factor | ENSG00000074842 |
| 0.7112336 | 8.8556769 | 6.4920248 | 1.59E-07 | 2.50E-07 | 6.3808557 | LIX1L | limb and CNS expressed 1 like | ENSG00000271601 |
| 0.7110149 | 9.1675484 | 5.7226044 | 1.67E-06 | 2.18E-06 | 4.0253539 | LAMP1 | lysosomal associated membrane protein 1 | ENSG00000185896 |
| 0.70989 | 7.822359 | 7.8473672 | 2.76E-09 | 6.98E-09 | 10.459237 | AP2A1 | adaptor related protein complex 2 subunit alpha 1 | ENSG00000196961 |
| 0.708634 | 7.693168 | 8.955955 | 1.16E-10 | 4.55E-10 | 13.663256 | RCOR1 | REST corepressor 1 | ENSG00000089902 |
| 0.706096 | 7.963752 | 6.6592445 | 9.56E-08 | 1.59E-07 | 6.8907868 | PPP1R9B | protein phosphatase 1 regulatory subunit 9B | ENSG00000108819 |
| 0.7059971 | 7.6264427 | 7.5801833 | 6.06E-09 | 1.36E-08 | 9.6671546 | FOSL1 | FOS like 1, AP-1 transcription factor subunit | ENSG00000175592 |
| 0.7052226 | 6.475356 | 6.910524 | 4.47E-08 | 8.09E-08 | 7.6543082 | MIR4653 | microRNA 4653 | ENSG00000264425 |
| 0.704638 | 10.603729 | 10.645485 | 1.25E-12 | 1.09E-11 | 18.255134 | CERS2 | ceramide synthase 2 | ENSG00000143418 |
| 0.7042391 | 7.2715309 | 7.9915398 | 1.81E-09 | 4.80E-09 | 10.883669 | ARHGEF1 | Rho guanine nucleotide exchange factor 1 | ENSG00000076928 |
| 0.7037858 | 7.7237825 | 4.7928327 | 2.87E-05 | 3.18E-05 | 1.2027773 | PPP1R15A | protein phosphatase 1 regulatory subunit 15A | ENSG00000087074 |
| 0.7035434 | 8.3584647 | 5.8596152 | 1.10E-06 | 1.46E-06 | 4.4450057 | ATP8B2 | ATPase phospholipid transporting 8B2 | ENSG00000143515 |
| 0.7026454 | 6.7672618 | 5.0640495 | 1.26E-05 | 1.45E-05 | 2.0188489 | RNU6-611P | RNA, U6 small nuclear 611, pseudogene | ENSG00000207003 |
| 0.7024301 | 7.2457152 | 4.8793044 | 2.21E-05 | 2.47E-05 | 1.4620244 | VASN | vasorin | ENSG00000168140 |
| 0.7012225 | 9.5214087 | 7.7415647 | 3.77E-09 | 9.04E-09 | 10.146415 | FARSA | phenylalanyl-tRNA synthetase subunit alpha | ENSG00000179115 |
| 0.7000331 | 6.9159799 | 10.101181 | 5.16E-12 | 3.66E-11 | 16.815952 | ZHX1-C8orf76 | ZHX1-C8orf76 readthrough | ENSG00000259305 |
| 0.6984924 | 8.2827675 | 6.949851 | 3.97E-08 | 7.31E-08 | 7.7734565 | NFAT5 | nuclear factor of activated T cells 5 | ENSG00000102908 |
| 0.698447 | 11.459141 | 7.0213927 | 3.20E-08 | 6.03E-08 | 7.9899381 | SLC25A6 | solute carrier family 25 member 6 | ENSG00000169100 |
| 0.6980215 | 8.0613043 | 6.8257853 | 5.78E-08 | 1.01E-07 | 7.3972409 | LRP8 | LDL receptor related protein 8 | ENSG00000157193 |
| 0.6979907 | 7.0609794 | 9.6446901 | 1.75E-11 | 9.64E-11 | 15.579349 | STEAP3 | STEAP3 metalloreductase | ENSG00000115107 |
| 0.6979073 | 10.208219 | 5.9658556 | 7.93E-07 | 1.08E-06 | 4.7705405 | UBE2MP1 | ubiquitin conjugating enzyme E2 M pseudogene 1 | NA |
| 0.6976917 | 7.2928577 | 8.8820373 | 1.43E-10 | 5.33E-10 | 13.454094 | PTGIR | prostaglandin I2 receptor | ENSG00000160013 |
| 0.6971684 | 7.4275813 | 10.581928 | 1.47E-12 | 1.27E-11 | 18.089066 | NDRG2 | NDRG family member 2 | ENSG00000165795 |
| 0.6966816 | 8.6839706 | 10.331891 | 2.81E-12 | 2.20E-11 | 17.430663 | MARK3 | microtubule affinity regulating kinase 3 | ENSG00000075413 |
| 0.696574 | 7.0103435 | 9.1172156 | 7.41E-11 | 3.11E-10 | 14.117231 | LOC339803 | uncharacterized LOC339803 | ENSG00000212978 |
| 0.6960864 | 9.1197295 | 8.9075827 | 1.33E-10 | 5.10E-10 | 13.526454 | PDIA4 | protein disulfide isomerase family A member 4 | ENSG00000155660 |
| 0.6950039 | 7.2345148 | 12.398627 | 1.67E-14 | 3.45E-13 | 22.632174 | NEK6 | NIMA related kinase 6 | ENSG00000119408 |
| 0.6948324 | 8.2045385 | 8.3481885 | 6.48E-10 | 1.92E-09 | 11.924035 | NUDCD3 | NudC domain containing 3 | ENSG00000015676 |
| 0.6947311 | 8.5906678 | 4.7423824 | 3.34E-05 | 3.66E-05 | 1.0519833 | AHNAK | AHNAK nucleoprotein | ENSG00000124942 |
| 0.6944122 | 8.5496862 | 5.782438 | 1.39E-06 | 1.83E-06 | 4.2085826 | ASB6 | ankyrin repeat and SOCS box containing 6 | ENSG00000148331 |
| 0.6940807 | 7.4505501 | 9.3902368 | 3.49E-11 | 1.68E-10 | 14.878427 | UNC13D | unc-13 homolog D | ENSG00000092929 |
| 0.6937889 | 9.581165 | 3.8717336 | 0.0004412 | 0.0004466 | -1.4755507 | FLNA | filamin A | ENSG00000196924 |
| 0.6934584 | 7.6761354 | 9.0789684 | 8.23E-11 | 3.38E-10 | 14.009851 | ST6GALNAC4 | ST6 N-acetylgalactosaminide alpha-2,6-sialyltransferase 4 | ENSG00000136840 |
| 0.6933292 | 7.9615843 | 8.3979734 | 5.62E-10 | 1.71E-09 | 12.068134 | ARL4D | ADP ribosylation factor like GTPase 4D | ENSG00000175906 |
| 0.692419 | 6.6020905 | 7.2280373 | 1.72E-08 | 3.44E-08 | 8.6131536 | KDM2B-DT | KDM2B divergent transcript | NA |
| 0.6918332 | 7.6251063 | 11.262898 | 2.61E-13 | 3.42E-12 | 19.841184 | GALT | galactose-1-phosphate uridylyltransferase | ENSG00000213930 |
| 0.6913411 | 8.4777635 | 6.9081321 | 4.50E-08 | 8.09E-08 | 7.6470581 | ECE1 | endothelin converting enzyme 1 | ENSG00000117298 |
| 0.6907787 | 9.0596999 | 9.9508082 | 7.68E-12 | 5.07E-11 | 16.411576 | C11orf24 | chromosome 11 open reading frame 24 | ENSG00000171067 |
| 0.6905686 | 6.462358 | 10.170335 | 4.30E-12 | 3.14E-11 | 17.000932 | PPP1R26-AS1 | PPP1R26 antisense RNA 1 | ENSG00000225361 |
| 0.6891861 | 8.1025738 | 8.8046704 | 1.77E-10 | 6.35E-10 | 13.234458 | COL6A1 | collagen type VI alpha 1 chain | ENSG00000142156 |
| 0.688445 | 6.8069146 | 12.853358 | 5.78E-15 | 1.60E-13 | 23.705029 | TNS2 | tensin 2 | ENSG00000111077 |
| 0.6882697 | 7.717049 | 8.1855416 | 1.03E-09 | 2.91E-09 | 11.451318 | MYO1C | myosin IC | ENSG00000197879 |
| 0.6864596 | 7.9962353 | 6.8833318 | 4.85E-08 | 8.65E-08 | 7.5718656 | PPP6R1 | protein phosphatase 6 regulatory subunit 1 | ENSG00000105063 |
| 0.6863953 | 5.8866761 | 8.4444872 | 4.92E-10 | 1.54E-09 | 12.202508 | KCNE4 | potassium voltage-gated channel subfamily E regulatory subunit 4 | ENSG00000152049 |
| 0.6860173 | 7.7871288 | 8.6778896 | 2.53E-10 | 8.50E-10 | 12.872978 | DHRS11 | dehydrogenase/reductase 11 | ENSG00000278535 |
| 0.6853908 | 6.5892563 | 5.3098537 | 5.93E-06 | 7.10E-06 | 2.7647095 | LOC90246 | uncharacterized LOC90246 | NA |
| 0.6853876 | 7.0862972 | 11.261454 | 2.62E-13 | 3.42E-12 | 19.837532 | SHISA4 | shisa family member 4 | ENSG00000198892 |
| 0.6850879 | 7.5439134 | 9.7582106 | 1.29E-11 | 7.37E-11 | 15.88938 | FBXL6 | F-box and leucine rich repeat protein 6 | ENSG00000182325 |
| 0.6842389 | 6.3286628 | 3.9627235 | 0.0003391 | 0.0003442 | -1.2197196 | LOC105373206 | uncharacterized LOC105373206 | NA |
| 0.6839353 | 7.6699996 | 9.7642752 | 1.27E-11 | 7.31E-11 | 15.905896 | RSAD1 | radical S-adenosyl methionine domain containing 1 | ENSG00000136444 |
| 0.6830082 | 8.9633918 | 6.9178821 | 4.37E-08 | 7.99E-08 | 7.6766084 | COPG1 | COPI coat complex subunit gamma 1 | ENSG00000181789 |
| 0.6823538 | 7.4400324 | 9.9664983 | 7.37E-12 | 4.90E-11 | 16.453905 | LRCH1 | leucine rich repeats and calponin homology domain containing 1 | ENSG00000136141 |
| 0.6817884 | 7.793226 | 7.0453794 | 2.98E-08 | 5.69E-08 | 8.0624413 | PNPLA6 | patatin like phospholipase domain containing 6 | ENSG00000032444 |
| 0.6788607 | 6.4598265 | 8.5336958 | 3.81E-10 | 1.22E-09 | 12.459522 | ITPKB | inositol-trisphosphate 3-kinase B | ENSG00000143772 |
| 0.6787177 | 6.7616415 | 6.1189509 | 4.96E-07 | 7.06E-07 | 5.2396125 | NKX2-6 | NK2 homeobox 6 | ENSG00000180053 |
| 0.6784072 | 5.8319884 | 6.2084727 | 3.77E-07 | 5.55E-07 | 5.5137775 | LOC107986532 | FAM10 family protein At4g22670 | NA |
| 0.6783961 | 7.9345051 | 7.0427499 | 3.00E-08 | 5.72E-08 | 8.0544952 | PNPO | pyridoxamine 5'-phosphate oxidase | ENSG00000108439 |
| 0.6778166 | 7.6556373 | 10.771049 | 9.03E-13 | 8.52E-12 | 18.581678 | RPL28 | ribosomal protein L28 | ENSG00000108107 |
| 0.677796 | 8.0545252 | 9.6486483 | 1.73E-11 | 9.61E-11 | 15.590187 | NT5C | 5', 3'-nucleotidase, cytosolic | ENSG00000125458 |
| 0.6773803 | 7.9475224 | 7.9561006 | 2.01E-09 | 5.28E-09 | 10.779539 | PLA2G12AP1 | phospholipase A2 group XIIA pseudogene 1 | NA |
| 0.6771964 | 7.1509332 | 11.135438 | 3.59E-13 | 4.31E-12 | 19.517779 | ADGRB2 | adhesion G protein-coupled receptor B2 | ENSG00000121753 |
| 0.6770146 | 7.7068138 | 8.6304721 | 2.90E-10 | 9.55E-10 | 12.737286 | MCAM | melanoma cell adhesion molecule | ENSG00000076706 |
| 0.6753695 | 8.1394195 | 8.1743655 | 1.07E-09 | 2.99E-09 | 11.418728 | DCAF5 | DDB1 and CUL4 associated factor 5 | ENSG00000139990 |
| 0.6752653 | 9.5676699 | 6.1873145 | 4.03E-07 | 5.85E-07 | 5.4489919 | RHOBTB3 | Rho related BTB domain containing 3 | ENSG00000164292 |
| 0.6743124 | 7.5109145 | 11.310864 | 2.32E-13 | 3.16E-12 | 19.96235 | ZNF551 | zinc finger protein 551 | ENSG00000204519 |
| 0.6724706 | 6.2913673 | 4.6405798 | 4.54E-05 | 4.91E-05 | 0.7488215 | ASAP1-IT2 | ASAP1 intronic transcript 2 | ENSG00000280543 |
| 0.6714427 | 8.5387214 | 7.0805625 | 2.68E-08 | 5.23E-08 | 8.168712 | CCNK | cyclin K | ENSG00000090061 |
| 0.6710119 | 9.5494916 | 5.0319284 | 1.39E-05 | 1.59E-05 | 1.9217738 | PEPD | peptidase D | ENSG00000124299 |
| 0.6705465 | 7.5752246 | 8.8692402 | 1.48E-10 | 5.43E-10 | 13.417815 | POLM | DNA polymerase mu | ENSG00000122678 |
| 0.6701994 | 7.2465591 | 8.1978745 | 9.98E-10 | 2.83E-09 | 11.487266 | PCSK7 | proprotein convertase subtilisin/kexin type 7 | ENSG00000160613 |
| 0.6689857 | 8.2222202 | 8.4411257 | 4.96E-10 | 1.55E-09 | 12.192805 | ARL8A | ADP ribosylation factor like GTPase 8A | ENSG00000143862 |
| 0.6689453 | 8.3543135 | 6.8618406 | 5.18E-08 | 9.19E-08 | 7.5066746 | EFEMP2 | EGF containing fibulin extracellular matrix protein 2 | ENSG00000172638 |
| 0.6687111 | 8.5055432 | 7.7106553 | 4.13E-09 | 9.66E-09 | 10.054817 | ATF6B | activating transcription factor 6 beta | ENSG00000213676 |
| 0.6681711 | 8.7100489 | 8.9437771 | 1.20E-10 | 4.66E-10 | 13.628843 | DNPH1 | 2'-deoxynucleoside 5'-phosphate N-hydrolase 1 | ENSG00000112667 |
| 0.6671854 | 8.0253029 | 8.1142356 | 1.27E-09 | 3.51E-09 | 11.24315 | HECTD3 | HECT domain E3 ubiquitin protein ligase 3 | ENSG00000126107 |
| 0.6671404 | 7.5118432 | 5.9528656 | 8.25E-07 | 1.12E-06 | 4.7307353 | KLF5 | Kruppel like factor 5 | ENSG00000102554 |
| 0.6669451 | 8.4839798 | 6.5402305 | 1.37E-07 | 2.20E-07 | 6.527986 | HK1 | hexokinase 1 | ENSG00000156515 |
| 0.6664549 | 8.2629058 | 10.55136 | 1.59E-12 | 1.35E-11 | 18.009009 | SMAP2 | small ArfGAP2 | ENSG00000084070 |
| 0.6656927 | 9.2626214 | 7.9365611 | 2.13E-09 | 5.53E-09 | 10.722071 | COPS7A | COP9 signalosome subunit 7A | ENSG00000111652 |
| 0.6649275 | 8.5810006 | 13.115833 | 3.18E-15 | 1.08E-13 | 24.313036 | C6orf89 | chromosome 6 open reading frame 89 | ENSG00000198663 |
| 0.6647973 | 7.4888359 | 8.279252 | 7.89E-10 | 2.30E-09 | 11.72404 | PPP1R26 | protein phosphatase 1 regulatory subunit 26 | ENSG00000196422 |
| 0.6646796 | 7.2129177 | 9.2301987 | 5.42E-11 | 2.40E-10 | 14.43337 | SH3BP5L | SH3 binding domain protein 5 like | ENSG00000175137 |
| 0.6646162 | 8.7452574 | 5.9677243 | 7.89E-07 | 1.08E-06 | 4.7762666 | DOK4 | docking protein 4 | ENSG00000125170 |
| 0.6641175 | 6.8408769 | 5.3274208 | 5.62E-06 | 6.76E-06 | 2.8181896 | RPS21P1 | ribosomal protein S21 pseudogene 1 | ENSG00000229795 |
| 0.6639402 | 8.0714312 | 6.6033638 | 1.13E-07 | 1.86E-07 | 6.720524 | DPH2 | diphthamide biosynthesis 2 | ENSG00000132768 |
| 0.6637748 | 7.5691695 | 8.9580002 | 1.15E-10 | 4.55E-10 | 13.669033 | SHARPIN | SHANK associated RH domain interactor | ENSG00000179526 |
| 0.6633308 | 7.7019419 | 10.983071 | 5.27E-13 | 5.77E-12 | 19.128436 | DCAF10 | DDB1 and CUL4 associated factor 10 | ENSG00000122741 |
| 0.662507 | 7.4627825 | 8.9297061 | 1.25E-10 | 4.82E-10 | 13.589057 | NAT9 | N-acetyltransferase 9 (putative) | ENSG00000109065 |
| 0.6622895 | 9.5548665 | 6.825838 | 5.77E-08 | 1.01E-07 | 7.3974007 | FKBP10 | FKBP prolyl isomerase 10 | ENSG00000141756 |
| 0.6615086 | 7.996519 | 6.6513424 | 9.79E-08 | 1.62E-07 | 6.8667192 | TMEM127 | transmembrane protein 127 | ENSG00000135956 |
| 0.6596419 | 6.6016005 | 12.716195 | 7.94E-15 | 1.97E-13 | 23.384042 | TEP1 | telomerase associated protein 1 | ENSG00000129566 |
| 0.6594705 | 7.3632478 | 9.1811932 | 6.20E-11 | 2.72E-10 | 14.296444 | MEST | mesoderm specific transcript | ENSG00000106484 |
| 0.6591655 | 6.241993 | 7.1362521 | 2.27E-08 | 4.50E-08 | 8.3367375 | LINC00260 | long intergenic non-protein coding RNA 260 | NA |
| 0.6584174 | 6.9521291 | 9.8226949 | 1.08E-11 | 6.50E-11 | 16.064751 | MAST4 | microtubule associated serine/threonine kinase family member 4 | ENSG00000069020 |
| 0.6571464 | 7.9864629 | 4.5981603 | 5.16E-05 | 5.54E-05 | 0.6229717 | WASF4P | WASP family member 4, pseudogene | NA |
| 0.6568728 | 6.7559399 | 13.650652 | 9.60E-16 | 4.21E-14 | 25.52703 | ACSF2 | acyl-CoA synthetase family member 2 | ENSG00000167107 |
| 0.6564746 | 7.7492392 | 7.6893692 | 4.39E-09 | 1.02E-08 | 9.9916824 | STK36 | serine/threonine kinase 36 | ENSG00000163482 |
| 0.6564668 | 8.2688295 | 7.3783598 | 1.10E-08 | 2.31E-08 | 9.0643929 | LETM1 | leucine zipper and EF-hand containing transmembrane protein 1 | ENSG00000168924 |
| 0.6561954 | 8.0370989 | 6.018765 | 6.74E-07 | 9.36E-07 | 4.9326672 | METTL7A | methyltransferase like 7A | ENSG00000185432 |
| 0.6560617 | 7.5986962 | 12.75136 | 7.32E-15 | 1.88E-13 | 23.466548 | TAPBPL | TAP binding protein like | ENSG00000139192 |
| 0.6554067 | 7.8739479 | 4.0778369 | 0.0002424 | 0.0002491 | -0.8927974 | MSC | musculin | ENSG00000178860 |
| 0.6552807 | 6.9080773 | 8.8346939 | 1.63E-10 | 5.89E-10 | 13.319778 | NTSR1 | neurotensin receptor 1 | ENSG00000101188 |
| 0.654459 | 7.9631049 | 5.6386571 | 2.16E-06 | 2.77E-06 | 3.7684199 | SNX17 | sorting nexin 17 | ENSG00000115234 |
| 0.6539741 | 7.8722856 | 8.3729882 | 6.03E-10 | 1.82E-09 | 11.995851 | SNHG4 | small nucleolar RNA host gene 4 | NA |
| 0.6535761 | 6.6540285 | 4.6102742 | 4.98E-05 | 5.35E-05 | 0.6588815 | IGHVII-43-1 | immunoglobulin heavy variable (II)-43-1 (pseudogene) | ENSG00000283195 |
| 0.6533737 | 11.994056 | 6.8350816 | 5.62E-08 | 9.84E-08 | 7.4254642 | SNORD33 | small nucleolar RNA, C/D box 33 | ENSG00000199631 |
| 0.6531575 | 8.5343939 | 7.4546024 | 8.79E-09 | 1.90E-08 | 9.2925252 | MTF1 | metal regulatory transcription factor 1 | ENSG00000188786 |
| 0.6529517 | 8.637515 | 6.1947273 | 3.94E-07 | 5.75E-07 | 5.4716905 | LRRC41 | leucine rich repeat containing 41 | ENSG00000132128 |
| 0.6528331 | 7.9219747 | 6.6804573 | 8.97E-08 | 1.50E-07 | 6.9553792 | PCCA-DT | PCCA divergent transcript | ENSG00000274605 |
| 0.6527282 | 7.6612002 | 10.6624 | 1.19E-12 | 1.06E-11 | 18.299242 | TFPT | TCF3 fusion partner | ENSG00000105619 |
| 0.6519773 | 8.426854 | 16.391427 | 3.35E-18 | 4.99E-16 | 31.262903 | TMCO3 | transmembrane and coiled-coil domains 3 | ENSG00000150403 |
| 0.6518788 | 9.0517704 | 9.8280294 | 1.07E-11 | 6.46E-11 | 16.079235 | MRM2 | mitochondrial rRNA methyltransferase 2 | ENSG00000122687 |
| 0.6501683 | 9.5518038 | 7.7290905 | 3.91E-09 | 9.27E-09 | 10.10946 | YKT6 | YKT6 v-SNARE homolog | ENSG00000106636 |
| 0.6485026 | 8.9691859 | 5.3673313 | 4.97E-06 | 6.03E-06 | 2.9397631 | SLC1A5 | solute carrier family 1 member 5 | ENSG00000105281 |
| 0.6475942 | 7.491537 | 5.9653789 | 7.94E-07 | 1.08E-06 | 4.7690797 | FOSL2 | FOS like 2, AP-1 transcription factor subunit | ENSG00000075426 |
| 0.6475304 | 9.0577759 | 6.9315374 | 4.20E-08 | 7.68E-08 | 7.7179847 | UBE2Z | ubiquitin conjugating enzyme E2 Z | ENSG00000159202 |
| 0.6463796 | 8.6501332 | 7.0676515 | 2.79E-08 | 5.40E-08 | 8.1297246 | SHC1P2 | SHC adaptor protein 1 pseudogene 2 | NA |
| 0.6456872 | 6.296783 | 10.816106 | 8.05E-13 | 8.16E-12 | 18.698356 | IKBKG | inhibitor of nuclear factor kappa B kinase regulatory subunit gamma | ENSG00000269335 |
| 0.6450567 | 6.5853979 | 8.7604245 | 2.01E-10 | 6.92E-10 | 13.108523 | PRR7-AS1 | PRR7 antisense RNA 1 | NA |
| 0.6448735 | 7.1046848 | 8.892068 | 1.39E-10 | 5.27E-10 | 13.482517 | ATP9A | ATPase phospholipid transporting 9A (putative) | ENSG00000054793 |
| 0.6446573 | 6.3689014 | 4.1642984 | 0.0001881 | 0.0001943 | -0.6450119 | SNORA74D | small nucleolar RNA, H/ACA box 74D | ENSG00000252213 |
| 0.6446495 | 7.4052922 | 8.5850081 | 3.30E-10 | 1.07E-09 | 12.606934 | KANK2 | KN motif and ankyrin repeat domains 2 | ENSG00000197256 |
| 0.6442116 | 8.0366585 | 6.559236 | 1.30E-07 | 2.09E-07 | 6.585966 | PRKAB1 | protein kinase AMP-activated non-catalytic subunit beta 1 | ENSG00000111725 |
| 0.6434913 | 6.5461529 | 7.4637336 | 8.55E-09 | 1.85E-08 | 9.3198132 | LGMNP1 | legumain pseudogene 1 | NA |
| 0.6433019 | 7.3813573 | 8.065319 | 1.46E-09 | 3.94E-09 | 11.100025 | PNKP | polynucleotide kinase 3'-phosphatase | ENSG00000039650 |
| 0.6411207 | 7.9263368 | 5.3813073 | 4.76E-06 | 5.81E-06 | 2.9823588 | ZNF587 | zinc finger protein 587 | ENSG00000198466 |
| 0.6387488 | 7.1086931 | 9.1744548 | 6.32E-11 | 2.75E-10 | 14.277592 | USP40 | ubiquitin specific peptidase 40 | ENSG00000085982 |
| 0.6375591 | 7.4870513 | 8.7714302 | 1.95E-10 | 6.74E-10 | 13.13987 | TRIM47 | tripartite motif containing 47 | ENSG00000132481 |
| 0.6372419 | 9.1127234 | 5.4665791 | 3.67E-06 | 4.55E-06 | 3.2424835 | RAD23A | RAD23 homolog A, nucleotide excision repair protein | ENSG00000179262 |
| 0.6364985 | 7.8304494 | 8.6959596 | 2.41E-10 | 8.11E-10 | 12.924617 | PIGM | phosphatidylinositol glycan anchor biosynthesis class M | ENSG00000143315 |
| 0.6331649 | 6.5829315 | 7.0862279 | 2.64E-08 | 5.17E-08 | 8.1858163 | GEMIN6 | gem nuclear organelle associated protein 6 | ENSG00000152147 |
| 0.6327732 | 8.1780987 | 4.7769296 | 3.01E-05 | 3.32E-05 | 1.1552057 | PODXL | podocalyxin like | ENSG00000128567 |
| 0.6327162 | 7.9119493 | 5.8388491 | 1.17E-06 | 1.55E-06 | 4.3813841 | HSF1 | heat shock transcription factor 1 | ENSG00000185122 |
| 0.6322184 | 7.49546 | 4.616494 | 4.89E-05 | 5.27E-05 | 0.6773284 | STOX2 | storkhead box 2 | ENSG00000173320 |
| 0.6309554 | 7.1406987 | 11.362316 | 2.04E-13 | 2.92E-12 | 20.091994 | AP1G2 | adaptor related protein complex 1 subunit gamma 2 | ENSG00000213983 |
| 0.6308466 | 8.0291393 | 6.7142958 | 8.09E-08 | 1.38E-07 | 7.0583679 | SPATA5 | spermatogenesis associated 5 | ENSG00000145375 |
| 0.6304849 | 10.487997 | 6.3003049 | 2.85E-07 | 4.31E-07 | 5.7948503 | P4HB | prolyl 4-hydroxylase subunit beta | ENSG00000185624 |
| 0.6298786 | 8.4125808 | 7.0148528 | 3.27E-08 | 6.10E-08 | 7.9701635 | CHID1 | chitinase domain containing 1 | ENSG00000177830 |
| 0.6298468 | 7.7794297 | 9.5844909 | 2.06E-11 | 1.09E-10 | 15.41427 | ADAM15 | ADAM metallopeptidase domain 15 | ENSG00000143537 |
| 0.6287521 | 6.0940191 | 19.54777 | 1.15E-20 | 8.55E-18 | 37.002715 | IL1R1 | interleukin 1 receptor type 1 | ENSG00000115594 |
| 0.6285182 | 7.2612695 | 11.555552 | 1.26E-13 | 1.96E-12 | 20.575884 | SHFL | shiftless antiviral inhibitor of ribosomal frameshifting | ENSG00000130813 |
| 0.6284678 | 7.4381669 | 9.9434347 | 7.84E-12 | 5.12E-11 | 16.391672 | SERINC2 | serine incorporator 2 | ENSG00000168528 |
| 0.6282537 | 6.4370784 | 7.2622515 | 1.56E-08 | 3.13E-08 | 8.7160215 | CRYZL2P | crystallin zeta like 2, pseudogene | ENSG00000242193 |
| 0.6273739 | 7.4470715 | 8.807113 | 1.76E-10 | 6.33E-10 | 13.241403 | BTBD19 | BTB domain containing 19 | ENSG00000222009 |
| 0.626677 | 7.6844314 | 7.6213515 | 5.37E-09 | 1.23E-08 | 9.7896496 | LTBR | lymphotoxin beta receptor | ENSG00000111321 |
| 0.6259646 | 9.1988604 | 5.2591969 | 6.93E-06 | 8.22E-06 | 2.6106109 | LY6E | lymphocyte antigen 6 family member E | ENSG00000160932 |
| 0.6258271 | 10.228439 | 8.453379 | 4.79E-10 | 1.51E-09 | 12.228167 | DDOST | dolichyl-diphosphooligosaccharide--protein glycosyltransferase non-catalytic subunit | ENSG00000244038 |
| 0.6253623 | 8.7598964 | 9.4545235 | 2.93E-11 | 1.47E-10 | 15.056292 | AHCTF1 | AT-hook containing transcription factor 1 | ENSG00000153207 |
| 0.6251741 | 7.1423976 | 10.685197 | 1.13E-12 | 1.02E-11 | 18.35863 | YAP1 | Yes1 associated transcriptional regulator | ENSG00000137693 |
| 0.6246271 | 7.5466387 | 9.3715029 | 3.68E-11 | 1.72E-10 | 14.826496 | AIFM2 | apoptosis inducing factor mitochondria associated 2 | ENSG00000042286 |
| 0.6245525 | 6.9340243 | 4.7137977 | 3.64E-05 | 3.97E-05 | 0.9667043 | MIR604 | microRNA 604 | ENSG00000207612 |
| 0.624261 | 7.6930996 | 6.4934869 | 1.58E-07 | 2.50E-07 | 6.3853198 | PLEC | plectin | ENSG00000178209 |
| 0.6236282 | 7.3987626 | 8.547388 | 3.67E-10 | 1.18E-09 | 12.498888 | XYLT2 | xylosyltransferase 2 | ENSG00000015532 |
| 0.6232493 | 7.7044829 | 8.792223 | 1.84E-10 | 6.54E-10 | 13.199053 | TOR3A | torsin family 3 member A | ENSG00000186283 |
| 0.6230764 | 6.1640556 | 4.5415008 | 6.12E-05 | 6.51E-05 | 0.4553382 | LOC107984615 | uncharacterized LOC107984615 | NA |
| 0.6229329 | 8.6671131 | 5.2677438 | 6.75E-06 | 8.05E-06 | 2.636598 | MVB12A | multivesicular body subunit 12A | ENSG00000141971 |
| 0.6229102 | 8.4321605 | 5.2151105 | 7.93E-06 | 9.30E-06 | 2.4766499 | TNFRSF1A | TNF receptor superfamily member 1A | ENSG00000067182 |
| 0.6228897 | 7.0241304 | 7.4250301 | 9.59E-09 | 2.05E-08 | 9.2040994 | FAM86C2P | family with sequence similarity 86, member A pseudogene | ENSG00000160172 |
| 0.622392 | 8.4777811 | 7.8497172 | 2.74E-09 | 6.95E-09 | 10.466172 | YIF1B | Yip1 interacting factor homolog B, membrane trafficking protein | ENSG00000167645 |
| 0.6213392 | 6.8302737 | 10.824864 | 7.87E-13 | 8.15E-12 | 18.721005 | SLC8B1 | solute carrier family 8 member B1 | ENSG00000089060 |
| 0.6211898 | 10.820822 | 8.3283803 | 6.86E-10 | 2.03E-09 | 11.866624 | PKM | pyruvate kinase M1/2 | ENSG00000067225 |
| 0.6207857 | 7.3816422 | 5.7785931 | 1.41E-06 | 1.85E-06 | 4.1968064 | FTH1 | ferritin heavy chain 1 | ENSG00000167996 |
| 0.6203101 | 7.5811376 | 5.6543439 | 2.06E-06 | 2.66E-06 | 3.8164173 | MIR3916 | microRNA 3916 | ENSG00000283881 |
| 0.6198381 | 7.8297186 | 7.8318595 | 2.89E-09 | 7.23E-09 | 10.413456 | MBD1 | methyl-CpG binding domain protein 1 | ENSG00000141644 |
| 0.6193331 | 7.4378202 | 9.3582582 | 3.81E-11 | 1.76E-10 | 14.789755 | TMEM251 | transmembrane protein 251 | ENSG00000153485 |
| 0.6192467 | 7.3897139 | 5.724051 | 1.67E-06 | 2.17E-06 | 4.029783 | PDGFRB | platelet derived growth factor receptor beta | ENSG00000113721 |
| 0.6188337 | 7.9471403 | 7.2978732 | 1.40E-08 | 2.84E-08 | 8.8230204 | GPR108 | G protein-coupled receptor 108 | ENSG00000125734 |
| 0.6185909 | 8.8560778 | 6.1729361 | 4.21E-07 | 6.07E-07 | 5.404961 | DNAAF5 | dynein axonemal assembly factor 5 | ENSG00000164818 |
| 0.6177051 | 7.5870591 | 6.9721154 | 3.72E-08 | 6.87E-08 | 7.8408648 | PVR | PVR cell adhesion molecule | ENSG00000073008 |
| 0.6170974 | 7.5696464 | 10.717965 | 1.03E-12 | 9.64E-12 | 18.443875 | NIT1 | nitrilase 1 | ENSG00000158793 |
| 0.6170866 | 7.0849991 | 5.0173801 | 1.45E-05 | 1.65E-05 | 1.8778407 | PHKA2-AS1 | PHKA2 antisense RNA 1 | NA |
| 0.6166832 | 6.350042 | 15.397313 | 2.39E-17 | 2.54E-15 | 29.271489 | ARSD | arylsulfatase D | ENSG00000006756 |
| 0.6162803 | 9.3231967 | 9.8473748 | 1.01E-11 | 6.19E-11 | 16.131729 | BCAP31 | B cell receptor associated protein 31 | ENSG00000185825 |
| 0.6160361 | 8.6586529 | 6.6856565 | 8.83E-08 | 1.48E-07 | 6.9712069 | DDX49 | DEAD-box helicase 49 | ENSG00000105671 |
| 0.6157455 | 6.7023805 | 13.555004 | 1.19E-15 | 4.91E-14 | 25.312332 | PGPEP1 | pyroglutamyl-peptidase I | ENSG00000130517 |
| 0.6157077 | 9.8051438 | 5.1284412 | 1.03E-05 | 1.20E-05 | 2.2137477 | ACTN4 | actinin alpha 4 | ENSG00000130402 |
| 0.615352 | 8.0220747 | 7.4406835 | 9.16E-09 | 1.97E-08 | 9.2509152 | ERCC1 | ERCC excision repair 1, endonuclease non-catalytic subunit | ENSG00000012061 |
| 0.6153473 | 7.5368323 | 5.9595148 | 8.09E-07 | 1.10E-06 | 4.7511105 | ADGRA2 | adhesion G protein-coupled receptor A2 | ENSG00000020181 |
| 0.6147752 | 6.5526075 | 8.8596557 | 1.52E-10 | 5.52E-10 | 13.39063 | MZF1-AS1 | MZF1 antisense RNA 1 | ENSG00000267858 |
| 0.6143867 | 7.8962536 | 11.330594 | 2.20E-13 | 3.10E-12 | 20.012104 | SERPINB6 | serpin family B member 6 | ENSG00000124570 |
| 0.6140883 | 8.9687039 | 7.8097029 | 3.08E-09 | 7.63E-09 | 10.348005 | MLX | MAX dimerization protein MLX | ENSG00000108788 |
| 0.6137117 | 7.7004 | 6.2848711 | 2.99E-07 | 4.50E-07 | 5.7476261 | GPN2 | GPN-loop GTPase 2 | ENSG00000142751 |
| 0.6134482 | 7.8835778 | 7.0662159 | 2.80E-08 | 5.40E-08 | 8.125389 | FADD | Fas associated via death domain | ENSG00000168040 |
| 0.6131354 | 7.4514798 | 8.0014808 | 1.76E-09 | 4.69E-09 | 10.912854 | PLCD3 | phospholipase C delta 3 | ENSG00000161714 |
| 0.6127978 | 6.5739426 | 5.4340876 | 4.05E-06 | 4.99E-06 | 3.1433218 | LOC101928032 | uncharacterized LOC101928032 | NA |
| 0.6122549 | 8.1910951 | 7.7319785 | 3.87E-09 | 9.22E-09 | 10.118017 | HEXIM1 | HEXIM P-TEFb complex subunit 1 | ENSG00000186834 |
| 0.6121416 | 8.2850106 | 7.0160038 | 3.26E-08 | 6.10E-08 | 7.973644 | MXD4 | MAX dimerization protein 4 | ENSG00000123933 |
| 0.6115523 | 6.3918808 | 17.308771 | 5.91E-19 | 1.14E-16 | 33.018212 | KATNAL2 | katanin catalytic subunit A1 like 2 | ENSG00000167216 |
| 0.6111337 | 8.6860352 | 8.2352032 | 8.96E-10 | 2.57E-09 | 11.595969 | SLC30A7 | solute carrier family 30 member 7 | ENSG00000162695 |
| 0.6110773 | 6.6175115 | 6.8420651 | 5.50E-08 | 9.68E-08 | 7.4466625 | E2F4P1 | E2F transcription factor 4 pseudogene 1 | NA |
| 0.610201 | 7.219527 | 10.296291 | 3.09E-12 | 2.37E-11 | 17.336261 | ABR | ABR activator of RhoGEF and GTPase | ENSG00000159842 |
| 0.6090746 | 5.4841291 | 8.3759064 | 5.98E-10 | 1.81E-09 | 12.004298 | TMEM108-AS1 | TMEM108 antisense RNA 1 | NA |
| 0.6088005 | 8.421567 | 6.0445268 | 6.23E-07 | 8.71E-07 | 5.0116032 | MED15 | mediator complex subunit 15 | ENSG00000099917 |
| 0.6082018 | 7.305819 | 9.2667281 | 4.90E-11 | 2.21E-10 | 14.535241 | CSF1 | colony stimulating factor 1 | ENSG00000184371 |
| 0.6074655 | 6.8925546 | 7.324115 | 1.29E-08 | 2.64E-08 | 8.901777 | NKX3-1 | NK3 homeobox 1 | ENSG00000167034 |
| 0.6072339 | 7.874405 | 5.8730953 | 1.05E-06 | 1.40E-06 | 4.4863069 | CAMK2N1 | calcium/calmodulin dependent protein kinase II inhibitor 1 | ENSG00000162545 |
| 0.6066789 | 6.3554405 | 17.28807 | 6.14E-19 | 1.14E-16 | 32.979433 | PLCD4 | phospholipase C delta 4 | ENSG00000115556 |
| 0.6063652 | 6.7580744 | 9.4280838 | 3.15E-11 | 1.55E-10 | 14.983203 | RBMS2P1 | RNA binding motif single stranded interacting protein 2 pseudogene 1 | NA |
| 0.6063283 | 8.7913154 | 5.4438042 | 3.93E-06 | 4.85E-06 | 3.1729704 | BTBD2 | BTB domain containing 2 | ENSG00000133243 |
| 0.6054951 | 8.3307206 | 7.1127886 | 2.43E-08 | 4.80E-08 | 8.265972 | FTH1P3 | ferritin heavy chain 1 pseudogene 3 | NA |
| 0.6053694 | 8.1158946 | 7.1287543 | 2.32E-08 | 4.59E-08 | 8.3141288 | B4GALT1 | beta-1,4-galactosyltransferase 1 | ENSG00000086062 |
| 0.6035441 | 7.5368068 | 10.211465 | 3.86E-12 | 2.90E-11 | 17.110656 | LNX2 | ligand of numb-protein X 2 | ENSG00000139517 |
| 0.6025057 | 7.5634972 | 3.9956376 | 0.0003081 | 0.0003145 | -1.1266048 | IGHV3-38 | immunoglobulin heavy variable 3-38 (non-functional) | ENSG00000211958 |
| 0.6021307 | 8.2992329 | 4.9940711 | 1.56E-05 | 1.76E-05 | 1.8074977 | RRP12 | ribosomal RNA processing 12 homolog | ENSG00000052749 |
| 0.601583 | 8.4607927 | 9.458367 | 2.90E-11 | 1.47E-10 | 15.066909 | DNAJC13 | DnaJ heat shock protein family (Hsp40) member C13 | ENSG00000138246 |
| 0.6011605 | 8.3427479 | 6.9843924 | 3.58E-08 | 6.64E-08 | 7.8780207 | LOC112268259 | uncharacterized LOC112268259 | NA |
| 0.6008425 | 8.4955888 | 4.6260133 | 4.75E-05 | 5.13E-05 | 0.705573 | ARHGAP35 | Rho GTPase activating protein 35 | ENSG00000160007 |
| 0.6007414 | 7.0381904 | 4.8372728 | 2.51E-05 | 2.79E-05 | 1.3358912 | SNORA44 | small nucleolar RNA, H/ACA box 44 | ENSG00000273544 |
| 0.6006666 | 7.8546372 | 7.9769592 | 1.89E-09 | 4.98E-09 | 10.840843 | CYB5R1 | cytochrome b5 reductase 1 | ENSG00000159348 |
| 0.6000279 | 8.0080837 | 5.2434914 | 7.27E-06 | 8.58E-06 | 2.5628713 | LENG8 | leukocyte receptor cluster member 8 | ENSG00000167615 |
| 0.5999091 | 7.7534597 | 7.8392097 | 2.83E-09 | 7.12E-09 | 10.435158 | PCNX2 | pecanex 2 | ENSG00000135749 |
| 0.5997526 | 7.7319896 | 9.3682809 | 3.71E-11 | 1.73E-10 | 14.81756 | VASP | vasodilator stimulated phosphoprotein | ENSG00000125753 |
| 0.5992632 | 6.6001688 | 8.1123777 | 1.28E-09 | 3.51E-09 | 11.237719 | RPP25 | ribonuclease P and MRP subunit p25 | ENSG00000178718 |
| 0.5989724 | 6.4998896 | 6.0999208 | 5.26E-07 | 7.45E-07 | 5.1813166 | MIR503 | microRNA 503 | ENSG00000208005 |
| 0.5987161 | 8.1886518 | 8.7763181 | 1.92E-10 | 6.74E-10 | 13.153787 | TUBGCP3 | tubulin gamma complex associated protein 3 | ENSG00000126216 |
| 0.5984012 | 6.5761288 | 10.399596 | 2.36E-12 | 1.89E-11 | 17.609747 | ACACB | acetyl-CoA carboxylase beta | ENSG00000076555 |
| 0.5973955 | 6.4045909 | 11.495575 | 1.47E-13 | 2.22E-12 | 20.426202 | ZBTB20 | zinc finger and BTB domain containing 20 | ENSG00000181722 |
| 0.5970361 | 5.7692894 | 7.5955955 | 5.79E-09 | 1.31E-08 | 9.7130321 | LINC01050 | long intergenic non-protein coding RNA 1050 | NA |
| 0.5969925 | 6.5750982 | 5.4590646 | 3.75E-06 | 4.65E-06 | 3.2195452 | BHLHE41 | basic helix-loop-helix family member e41 | ENSG00000123095 |
| 0.5968636 | 8.5579018 | 4.6574953 | 4.32E-05 | 4.68E-05 | 0.799086 | MLLT1 | MLLT1 super elongation complex subunit | ENSG00000130382 |
| 0.5967943 | 7.5107931 | 7.9404294 | 2.11E-09 | 5.48E-09 | 10.733451 | TYK2 | tyrosine kinase 2 | ENSG00000105397 |
| 0.5966651 | 7.6418754 | 7.3941033 | 1.05E-08 | 2.22E-08 | 9.1115419 | PIP4K2C | phosphatidylinositol-5-phosphate 4-kinase type 2 gamma | ENSG00000166908 |
| 0.5956963 | 12.113042 | 7.7649715 | 3.52E-09 | 8.56E-09 | 10.215717 | H2AC14 | H2A clustered histone 14 | ENSG00000276368 |
| 0.5948884 | 7.5318276 | 11.664137 | 9.69E-14 | 1.59E-12 | 20.845716 | BLVRB | biliverdin reductase B | ENSG00000090013 |
| 0.5948495 | 7.312156 | 5.0538245 | 1.30E-05 | 1.49E-05 | 1.9879361 | AKR1C1 | aldo-keto reductase family 1 member C1 | ENSG00000187134 |
| 0.5946924 | 7.172216 | 10.785616 | 8.70E-13 | 8.38E-12 | 18.619428 | NRG2 | neuregulin 2 | ENSG00000158458 |
| 0.5946546 | 7.2398802 | 7.8353684 | 2.86E-09 | 7.18E-09 | 10.423817 | ASTN2 | astrotactin 2 | ENSG00000148219 |
| 0.594275 | 5.614832 | 4.9170415 | 1.97E-05 | 2.21E-05 | 1.5754541 | MIR4324 | microRNA 4324 | ENSG00000265407 |
| 0.5942279 | 8.5734153 | 5.3002513 | 6.11E-06 | 7.30E-06 | 2.7354854 | NOL6 | nucleolar protein 6 | ENSG00000165271 |
| 0.5939803 | 6.5542109 | 11.640165 | 1.03E-13 | 1.63E-12 | 20.786276 | PPIEL | peptidylprolyl isomerase E like pseudogene | ENSG00000243970 |
| 0.5938872 | 9.0946413 | 5.3642935 | 5.02E-06 | 6.08E-06 | 2.930506 | NUP62 | nucleoporin 62 | ENSG00000213024 |
| 0.5924227 | 9.2643613 | 4.1828299 | 0.0001781 | 0.0001845 | -0.5916673 | NOC2L | NOC2 like nucleolar associated transcriptional repressor | ENSG00000188976 |
| 0.5923549 | 7.4113119 | 10.798549 | 8.42E-13 | 8.36E-12 | 18.652922 | TMTC2 | transmembrane O-mannosyltransferase targeting cadherins 2 | ENSG00000179104 |
| 0.5923419 | 9.4067894 | 5.2657481 | 6.79E-06 | 8.07E-06 | 2.6305295 | LOC644387 | myelin protein zero like 1 pseudogene | NA |
| 0.5920779 | 7.2197208 | 4.4698295 | 7.59E-05 | 8.03E-05 | 0.2440917 | CD248 | CD248 molecule | ENSG00000174807 |
| 0.592036 | 7.9364012 | 5.9224739 | 9.06E-07 | 1.22E-06 | 4.6376075 | TRMT1L | tRNA methyltransferase 1 like | ENSG00000121486 |
| 0.5918294 | 7.9077754 | 7.0662226 | 2.80E-08 | 5.40E-08 | 8.125409 | HGH1 | HGH1 homolog | ENSG00000235173 |
| 0.5912869 | 6.6314499 | 10.07509 | 5.52E-12 | 3.81E-11 | 16.745999 | PPP1R3B | protein phosphatase 1 regulatory subunit 3B | ENSG00000173281 |
| 0.5909063 | 7.0618605 | 9.1151679 | 7.45E-11 | 3.11E-10 | 14.111487 | DLC1 | DLC1 Rho GTPase activating protein | ENSG00000164741 |
| 0.5907672 | 6.9010745 | 8.1405835 | 1.18E-09 | 3.27E-09 | 11.320134 | KIAA1671 | KIAA1671 | ENSG00000197077 |
| 0.5904918 | 8.1172416 | 4.7763612 | 3.02E-05 | 3.32E-05 | 1.1535061 | LRP1 | LDL receptor related protein 1 | ENSG00000123384 |
| 0.5903795 | 8.0712231 | 5.6088387 | 2.37E-06 | 3.01E-06 | 3.6772042 | PLEKHM2 | pleckstrin homology and RUN domain containing M2 | ENSG00000116786 |
| 0.59037 | 7.9501948 | 7.0246691 | 3.17E-08 | 6.00E-08 | 7.9998439 | INTS11 | integrator complex subunit 11 | ENSG00000127054 |
| 0.5899906 | 7.7454145 | 6.1716682 | 4.22E-07 | 6.09E-07 | 5.4010781 | IMPDH1 | inosine monophosphate dehydrogenase 1 | ENSG00000106348 |
| 0.5887778 | 8.30616 | 7.5488182 | 6.65E-09 | 1.47E-08 | 9.5737222 | PIP4K2A | phosphatidylinositol-5-phosphate 4-kinase type 2 alpha | ENSG00000150867 |
| 0.5884801 | 7.0947841 | 14.628673 | 1.17E-16 | 8.70E-15 | 27.663862 | FAM149B1 | family with sequence similarity 149 member B1 | ENSG00000138286 |
| 0.5875893 | 8.5650787 | 7.0239349 | 3.18E-08 | 6.00E-08 | 7.9976242 | SLC25A6P2 | solute carrier family 25 member 6 pseudogene 2 | NA |
| 0.5862601 | 6.1027688 | 11.116438 | 3.76E-13 | 4.39E-12 | 19.469389 | ZNF815P | zinc finger protein 815, pseudogene | NA |
| 0.5862532 | 7.7042963 | 6.3581106 | 2.39E-07 | 3.66E-07 | 5.9716648 | ABL2 | ABL proto-oncogene 2, non-receptor tyrosine kinase | ENSG00000143322 |
| 0.5860795 | 7.612145 | 5.3305842 | 5.57E-06 | 6.71E-06 | 2.8278223 | NOC2LP1 | NOC2 like nucleolar associated transcriptional repressor pseudogene 1 | ENSG00000213225 |
| 0.5860017 | 8.1896471 | 6.4934251 | 1.58E-07 | 2.50E-07 | 6.3851309 | ASAP2 | ArfGAP with SH3 domain, ankyrin repeat and PH domain 2 | ENSG00000151693 |
| 0.5858482 | 7.7133961 | 7.8014514 | 3.16E-09 | 7.80E-09 | 10.323617 | ZNF692 | zinc finger protein 692 | ENSG00000171163 |
| 0.5857808 | 7.2470843 | 6.728501 | 7.75E-08 | 1.32E-07 | 7.1015836 | KRT8P47 | keratin 8 pseudogene 47 | ENSG00000271647 |
| 0.5856872 | 8.2285454 | 6.7047565 | 8.33E-08 | 1.41E-07 | 7.0293407 | DBNL | drebrin like | ENSG00000136279 |
| 0.5850381 | 7.7285187 | 5.9179939 | 9.19E-07 | 1.24E-06 | 4.62388 | EOGT | EGF domain specific O-linked N-acetylglucosamine transferase | ENSG00000163378 |
| 0.5848162 | 7.5676278 | 8.8718895 | 1.47E-10 | 5.41E-10 | 13.425327 | PVT1 | Pvt1 oncogene | ENSG00000249859 |
| 0.5845908 | 8.4790743 | 7.5541674 | 6.54E-09 | 1.46E-08 | 9.5896633 | SDE2 | SDE2 telomere maintenance homolog | ENSG00000143751 |
| 0.5843516 | 7.0550469 | 8.563233 | 3.51E-10 | 1.13E-09 | 12.544416 | SLC27A3 | solute carrier family 27 member 3 | ENSG00000143554 |
| 0.5842367 | 5.704848 | 5.9687262 | 7.86E-07 | 1.08E-06 | 4.7793366 | IFITM4P | interferon induced transmembrane protein 4 pseudogene | ENSG00000235821 |
| 0.5833345 | 6.5719738 | 4.161266 | 0.0001897 | 0.0001958 | -0.653733 | TRBV29OR9-2 | T cell receptor beta variable 29/OR9-2 (non-functional) | ENSG00000223394 |
| 0.5830438 | 6.9231809 | 8.9488519 | 1.18E-10 | 4.61E-10 | 13.643185 | OAF | out at first homolog | ENSG00000184232 |
| 0.5830205 | 6.657238 | 9.9172166 | 8.40E-12 | 5.35E-11 | 16.320843 | CCDC103 | coiled-coil domain containing 103 | ENSG00000167131 |
| 0.5827106 | 6.9356663 | 6.7963618 | 6.31E-08 | 1.09E-07 | 7.3078773 | ZNF772 | zinc finger protein 772 | ENSG00000197128 |
| 0.5825527 | 8.3513217 | 6.277358 | 3.06E-07 | 4.57E-07 | 5.7246352 | FUZ | fuzzy planar cell polarity protein | ENSG00000010361 |
| 0.5825276 | 5.9387329 | 14.295252 | 2.37E-16 | 1.47E-14 | 26.947161 | PRKG1 | protein kinase cGMP-dependent 1 | ENSG00000185532 |
| 0.5822023 | 5.3758786 | 6.0006865 | 7.13E-07 | 9.82E-07 | 4.8772712 | MIR569 | microRNA 569 | ENSG00000207963 |
| 0.5814719 | 9.5225555 | 9.4216767 | 3.20E-11 | 1.57E-10 | 14.965479 | CD63 | CD63 molecule | ENSG00000135404 |
| 0.5809314 | 7.1024107 | 7.8503875 | 2.74E-09 | 6.95E-09 | 10.46815 | ANKS6 | ankyrin repeat and sterile alpha motif domain containing 6 | ENSG00000165138 |
| 0.5802881 | 8.2582338 | 6.39609 | 2.13E-07 | 3.29E-07 | 6.0877792 | TWNK | twinkle mtDNA helicase | ENSG00000107815 |
| 0.5802484 | 8.4152369 | 4.3969399 | 9.44E-05 | 9.94E-05 | 0.0302297 | SELENON | selenoprotein N | ENSG00000162430 |
| 0.5800768 | 7.2964253 | 8.2215998 | 9.32E-10 | 2.66E-09 | 11.556373 | UNC93B1 | unc-93 homolog B1, TLR signaling regulator | ENSG00000110057 |
| 0.5800541 | 6.0108996 | 7.5314794 | 7.00E-09 | 1.54E-08 | 9.5220332 | AARD | alanine and arginine rich domain containing protein | ENSG00000205002 |
|  |  |  |  |  |  |  |  |  |
| **Genes suppressed by irradiation in cells transfected with miR1228, upregulated in SK-N-DZ cells vs SK-N-AS cells** | | | | | | | | **DZ vs AS w/o IR** |
| logFC | AveExpr | t | P.Value | adj.P.Val | B | SYMBOL | GENENAME | ENSEMBL |
| -1.148589 | 5.9857639 | -7.9230245 | 2.22E-09 | 5.71E-09 | 10.682234 | LOC402279 | glutamate metabotropic receptor 8 pseudogene | ENSG00000230386 |
| -0.9630742 | 9.0059134 | -6.2391577 | 3.44E-07 | 5.11E-07 | 5.6077175 | GOLT1B | golgi transport 1B | ENSG00000111711 |
| -0.9625655 | 7.0143801 | -3.5907941 | 0.0009824 | 0.0009851 | -2.2493713 | SNORD114-20 | small nucleolar RNA, C/D box 114-20 | ENSG00000202048 |
| -0.9544657 | 5.841937 | -5.102175 | 1.12E-05 | 1.30E-05 | 2.1341996 | RNU7-35P | RNA, U7 small nuclear 35 pseudogene | ENSG00000252983 |
| -0.9490887 | 8.4350503 | -6.7990995 | 6.26E-08 | 1.08E-07 | 7.3161943 | EXOSC8 | exosome component 8 | ENSG00000120699 |
| -0.9425892 | 8.8854072 | -6.9852132 | 3.57E-08 | 6.64E-08 | 7.8805047 | PSMC2P1 | PSMC2 pseudogene 1 | ENSG00000240854 |
| -0.9388962 | 8.5827199 | -5.141299 | 9.93E-06 | 1.16E-05 | 2.2527103 | RPL22P10 | ribosomal protein L22 pseudogene 10 | NA |
| -0.9365754 | 8.7646431 | -7.0462617 | 2.97E-08 | 5.69E-08 | 8.0651071 | MTF2 | metal response element binding transcription factor 2 | ENSG00000143033 |
| -0.9342035 | 8.1183663 | -7.6986133 | 4.27E-09 | 9.98E-09 | 10.019106 | BCLAF1P2 | BCL2 associated transcription factor 1 pseudogene 2 | ENSG00000279800 |
| -0.920763 | 7.2360493 | -6.0980784 | 5.29E-07 | 7.46E-07 | 5.1756725 | FUNDC2P1 | FUN14 domain containing 2 pseudogene 1 | NA |
| -0.9070003 | 8.0274302 | -6.75938 | 7.06E-08 | 1.22E-07 | 7.1954868 | HBP1 | HMG-box transcription factor 1 | ENSG00000105856 |
| -0.9045242 | 8.2427378 | -7.7763552 | 3.40E-09 | 8.34E-09 | 10.249402 | PCLAF | PCNA clamp associated factor | ENSG00000166803 |
| -0.9018614 | 6.7859822 | -6.6557604 | 9.66E-08 | 1.60E-07 | 6.8801756 | NUS1P1 | NUS1 pseudogene 1 | NA |
| -0.8973937 | 9.1581433 | -6.5020811 | 1.54E-07 | 2.44E-07 | 6.4115569 | ORC3 | origin recognition complex subunit 3 | ENSG00000135336 |
| -0.8941944 | 9.3187474 | -7.7329019 | 3.86E-09 | 9.22E-09 | 10.120753 | NDUFA9 | NADH:ubiquinone oxidoreductase subunit A9 | ENSG00000139180 |
| -0.8905833 | 7.496358 | -7.0828214 | 2.66E-08 | 5.21E-08 | 8.1755322 | RPL23AP37 | ribosomal protein L23a pseudogene 37 | ENSG00000236148 |
| -0.8864835 | 6.4248412 | -5.6529877 | 2.07E-06 | 2.66E-06 | 3.8122675 | RPL23AP59 | ribosomal protein L23a pseudogene 59 | NA |
| -0.8803915 | 8.7886178 | -6.5683524 | 1.26E-07 | 2.05E-07 | 6.6137718 | SLITRK6 | SLIT and NTRK like family member 6 | ENSG00000184564 |
| -0.8798708 | 7.2259824 | -4.8387286 | 2.50E-05 | 2.78E-05 | 1.3402563 | RNY1P11 | RNY1 pseudogene 11 | ENSG00000200629 |
| -0.8720652 | 6.4113368 | -5.2672811 | 6.76E-06 | 8.05E-06 | 2.6351911 | LOC105375253 | uncharacterized LOC105375253 | NA |
| -0.8611016 | 9.1488504 | -8.983363 | 1.07E-10 | 4.28E-10 | 13.740641 | CDC5L | cell division cycle 5 like | ENSG00000096401 |
| -0.8565331 | 6.9004221 | -7.5867788 | 5.94E-09 | 1.34E-08 | 9.68679 | RPL23AP91 | ribosomal protein L23a pseudogene 91 | ENSG00000260965 |
| -0.8544334 | 7.9891579 | -7.6378591 | 5.11E-09 | 1.18E-08 | 9.8387228 | NDUFC2 | NADH:ubiquinone oxidoreductase subunit C2 | ENSG00000151366 |
| -0.8511602 | 8.5462559 | -7.4326568 | 9.38E-09 | 2.01E-08 | 9.2269119 | ALG8 | ALG8 alpha-1,3-glucosyltransferase | ENSG00000159063 |
| -0.8400768 | 7.7209775 | -7.0988513 | 2.54E-08 | 4.99E-08 | 8.223918 | NDUFA9P1 | NADH:ubiquinone oxidoreductase subunit A9 pseudogene 1 | ENSG00000237406 |
| -0.8388014 | 9.4614603 | -6.4469465 | 1.82E-07 | 2.83E-07 | 6.2431862 | LSM3P3 | LSM3 homolog, U6 small nuclear RNA and mRNA degradation associated pseudogene 3 | NA |
| -0.8370162 | 8.168145 | -5.4565398 | 3.78E-06 | 4.67E-06 | 3.2118387 | CENPK | centromere protein K | ENSG00000123219 |
| -0.8336493 | 7.8255163 | -7.3635359 | 1.15E-08 | 2.40E-08 | 9.0199782 | ZNF141 | zinc finger protein 141 | ENSG00000131127 |
| -0.8309117 | 8.6267989 | -7.241426 | 1.66E-08 | 3.32E-08 | 8.653419 | ECHDC1 | ethylmalonyl-CoA decarboxylase 1 | ENSG00000093144 |
| -0.8189544 | 7.45654 | -6.5307353 | 1.41E-07 | 2.25E-07 | 6.499013 | PUS7L | pseudouridine synthase 7 like | ENSG00000129317 |
| -0.8159008 | 7.9296266 | -6.0041204 | 7.05E-07 | 9.73E-07 | 4.8877934 | ABRACL | ABRA C-terminal like | ENSG00000146386 |
| -0.8073186 | 8.2393285 | -5.8669199 | 1.07E-06 | 1.43E-06 | 4.467386 | RPSAP54 | ribosomal protein SA pseudogene 54 | ENSG00000213621 |
| -0.8023355 | 7.4116139 | -6.1399726 | 4.65E-07 | 6.64E-07 | 5.304004 | TVP23B | trans-golgi network vesicle protein 23 homolog B | ENSG00000171928 |
| -0.7973523 | 7.8629627 | -7.6081265 | 5.58E-09 | 1.27E-08 | 9.7503163 | SLC39A10 | solute carrier family 39 member 10 | ENSG00000196950 |
| -0.7950538 | 10.221023 | -7.8695572 | 2.59E-09 | 6.65E-09 | 10.524702 | PSMC2 | proteasome 26S subunit, ATPase 2 | ENSG00000161057 |
| -0.7929269 | 7.1786684 | -5.0908864 | 1.16E-05 | 1.34E-05 | 2.1000309 | SNORA1 | small nucleolar RNA, H/ACA box 1 | ENSG00000206834 |
| -0.7867286 | 7.3033824 | -7.601827 | 5.68E-09 | 1.29E-08 | 9.7315749 | PRDX2P1 | peroxiredoxin 2 pseudogene 1 | NA |
| -0.7849926 | 8.9822387 | -6.6371534 | 1.02E-07 | 1.69E-07 | 6.8234959 | LTV1 | LTV1 ribosome biogenesis factor | ENSG00000135521 |
| -0.7847172 | 6.7464489 | -3.6362244 | 0.0008644 | 0.000869 | -2.1260049 | RPS26P18 | ribosomal protein S26 pseudogene 18 | NA |
| -0.7811237 | 7.7120366 | -5.3231021 | 5.69E-06 | 6.84E-06 | 2.8050403 | ALG10 | ALG10 alpha-1,2-glucosyltransferase | ENSG00000139133 |
| -0.780538 | 6.9131194 | -6.9132332 | 4.44E-08 | 8.06E-08 | 7.6625196 | LRRC49 | leucine rich repeat containing 49 | ENSG00000137821 |
| -0.7766134 | 9.1036411 | -6.5824415 | 1.21E-07 | 1.97E-07 | 6.6567372 | PRIM1 | DNA primase subunit 1 | ENSG00000198056 |
| -0.7753457 | 8.4765464 | -6.2147039 | 3.70E-07 | 5.45E-07 | 5.5328553 | KIAA1586 | KIAA1586 | ENSG00000168116 |
| -0.7710059 | 9.1696816 | -11.248628 | 2.70E-13 | 3.47E-12 | 19.805079 | CAND1 | cullin associated and neddylation dissociated 1 | ENSG00000111530 |
| -0.7706197 | 11.072729 | -9.8115555 | 1.11E-11 | 6.65E-11 | 16.034495 | GDI2 | GDP dissociation inhibitor 2 | ENSG00000057608 |
| -0.7699028 | 9.7981935 | -8.7822951 | 1.89E-10 | 6.66E-10 | 13.170802 | EIF3LP1 | eukaryotic translation initiation factor 3 subunit L pseudogene 1 | ENSG00000258501 |
| -0.7686447 | 7.1130191 | -7.0154482 | 3.26E-08 | 6.10E-08 | 7.9719638 | RPL23AP89 | ribosomal protein L23a pseudogene 89 | ENSG00000227875 |
| -0.7671627 | 7.4844461 | -5.4699902 | 3.63E-06 | 4.51E-06 | 3.2528969 | RPL26P21 | ribosomal protein L26 pseudogene 21 | NA |
| -0.7622379 | 9.866816 | -8.651993 | 2.73E-10 | 9.07E-10 | 12.798904 | BCAT1 | branched chain amino acid transaminase 1 | ENSG00000060982 |
| -0.7614069 | 6.5117614 | -7.4157634 | 9.86E-09 | 2.09E-08 | 9.1763748 | TRIM59 | tripartite motif containing 59 | ENSG00000213186 |
| -0.7598961 | 6.8477816 | -7.9909818 | 1.82E-09 | 4.80E-09 | 10.88203 | ZUP1 | zinc finger containing ubiquitin peptidase 1 | ENSG00000153975 |
| -0.7567484 | 7.0531078 | -5.6463038 | 2.11E-06 | 2.72E-06 | 3.7918158 | RPL23AP55 | ribosomal protein L23a pseudogene 55 | ENSG00000243265 |
| -0.7563033 | 9.8915863 | -7.5363713 | 6.90E-09 | 1.52E-08 | 9.5366194 | RFC4 | replication factor C subunit 4 | ENSG00000163918 |
| -0.7562567 | 7.2827811 | -5.5286277 | 3.03E-06 | 3.80E-06 | 3.4319908 | TMEM126B | transmembrane protein 126B | ENSG00000171204 |
| -0.7557672 | 7.4493171 | -5.5785649 | 2.60E-06 | 3.29E-06 | 3.5846257 | CEP162 | centrosomal protein 162 | ENSG00000135315 |
| -0.7548699 | 6.9771515 | -6.5392476 | 1.38E-07 | 2.20E-07 | 6.524987 | CLGN | calmegin | ENSG00000153132 |
| -0.7522804 | 7.334825 | -8.3492134 | 6.46E-10 | 1.92E-09 | 11.927005 | STXBP4 | syntaxin binding protein 4 | ENSG00000166263 |
| -0.7513082 | 6.8447374 | -7.3385817 | 1.24E-08 | 2.55E-08 | 8.9451699 | ZNF138 | zinc finger protein 138 | ENSG00000197008 |
| -0.7511404 | 9.7833371 | -4.9970441 | 1.54E-05 | 1.74E-05 | 1.8164664 | HSPA13 | heat shock protein family A (Hsp70) member 13 | ENSG00000155304 |
| -0.7509614 | 6.2209056 | -5.5960286 | 2.47E-06 | 3.13E-06 | 3.6380266 | LINC01719 | long intergenic non-protein coding RNA 1719 | NA |
| -0.749907 | 7.5095308 | -6.189277 | 4.00E-07 | 5.83E-07 | 5.4550012 | MPC1 | mitochondrial pyruvate carrier 1 | ENSG00000060762 |
| -0.7478031 | 10.830788 | -6.3126228 | 2.75E-07 | 4.16E-07 | 5.8325359 | PCNA | proliferating cell nuclear antigen | ENSG00000132646 |
| -0.7461483 | 7.8804798 | -9.0781886 | 8.25E-11 | 3.38E-10 | 14.007659 | STX8 | syntaxin 8 | ENSG00000170310 |
| -0.7452803 | 7.5851853 | -8.2642782 | 8.24E-10 | 2.39E-09 | 11.680528 | RPL15P16 | ribosomal protein L15 pseudogene 16 | ENSG00000234751 |
| -0.7422329 | 7.3725726 | -6.3871415 | 2.19E-07 | 3.37E-07 | 6.0604253 | EIF3LP2 | eukaryotic translation initiation factor 3 subunit L pseudogene 2 | ENSG00000233837 |
| -0.7383513 | 6.85576 | -5.3148356 | 5.84E-06 | 7.01E-06 | 2.7798743 | LOC100288241 | protein (peptidylprolyl cis/trans isomerase) NIMA-interacting, 4 (parvulin) pseudogene | ENSG00000259622 |
| -0.7382416 | 9.1331858 | -11.872625 | 5.84E-14 | 1.09E-12 | 21.35964 | DNM1L | dynamin 1 like | ENSG00000087470 |
| -0.7367336 | 8.4390124 | -5.4282693 | 4.13E-06 | 5.06E-06 | 3.1255702 | C12orf4 | chromosome 12 open reading frame 4 | ENSG00000047621 |
| -0.7358929 | 7.0272522 | -4.7657489 | 3.11E-05 | 3.42E-05 | 1.1217812 | RPL23AP31 | ribosomal protein L23a pseudogene 31 | ENSG00000232625 |
| -0.7354574 | 6.2385539 | -6.6659755 | 9.37E-08 | 1.56E-07 | 6.9112851 | RAB27B | RAB27B, member RAS oncogene family | ENSG00000041353 |
| -0.7335814 | 8.3656382 | -5.1027872 | 1.12E-05 | 1.30E-05 | 2.136053 | NDC80 | NDC80 kinetochore complex component | ENSG00000080986 |
| -0.7311692 | 7.0161869 | -7.8109029 | 3.07E-09 | 7.63E-09 | 10.351551 | ZBTB8A | zinc finger and BTB domain containing 8A | ENSG00000160062 |
| -0.73061 | 6.9625146 | -9.5197895 | 2.45E-11 | 1.28E-10 | 15.236328 | FAM229B | family with sequence similarity 229 member B | ENSG00000203778 |
| -0.7302037 | 7.2145879 | -3.9877308 | 0.0003153 | 0.0003214 | -1.1490002 | HSPE1P2 | heat shock protein family E (Hsp10) member 1 pseudogene 2 | NA |
| -0.7299376 | 7.6358798 | -5.7317765 | 1.63E-06 | 2.13E-06 | 4.053437 | PRDX3P2 | peroxiredoxin 3 pseudogene 2 | NA |
| -0.7296552 | 7.6995134 | -9.5965758 | 1.99E-11 | 1.07E-10 | 15.447446 | ARFGAP3 | ADP ribosylation factor GTPase activating protein 3 | ENSG00000242247 |
| -0.7276334 | 7.6423739 | -6.4664209 | 1.72E-07 | 2.68E-07 | 6.3026707 | ING3 | inhibitor of growth family member 3 | ENSG00000071243 |
| -0.7272414 | 9.5430188 | -8.205124 | 9.77E-10 | 2.78E-09 | 11.508389 | BNIP3L | BCL2 interacting protein 3 like | ENSG00000104765 |
| -0.726115 | 8.9068167 | -6.5945832 | 1.16E-07 | 1.91E-07 | 6.6937568 | PRELID3B | PRELI domain containing 3B | ENSG00000101166 |
| -0.7248122 | 10.79236 | -7.5243039 | 7.15E-09 | 1.57E-08 | 9.5006342 | CSE1L | chromosome segregation 1 like | ENSG00000124207 |
| -0.7241702 | 10.819594 | -4.7959297 | 2.84E-05 | 3.15E-05 | 1.2120455 | RPL32P18 | ribosomal protein L32 pseudogene 18 | ENSG00000146677 |
| -0.7222198 | 5.9831446 | -7.7851908 | 3.31E-09 | 8.15E-09 | 10.275538 | ZNF516-DT | ZNF516 divergent transcript | ENSG00000275763 |
| -0.7198157 | 8.5553027 | -9.190692 | 6.04E-11 | 2.66E-10 | 14.323008 | ZC4H2 | zinc finger C4H2-type containing | ENSG00000126970 |
| -0.7179877 | 8.5912912 | -3.7728825 | 0.0005861 | 0.0005901 | -1.750713 | SNORA2C | small nucleolar RNA, H/ACA box 2C | ENSG00000221491 |
| -0.7177945 | 7.9003305 | -5.6185972 | 2.30E-06 | 2.93E-06 | 3.7070526 | TBC1D15 | TBC1 domain family member 15 | ENSG00000121749 |
| -0.7155338 | 7.2609725 | -6.2012853 | 3.86E-07 | 5.66E-07 | 5.4917708 | LOC150417 | small nuclear ribonucleoprotein polypeptide A' pseudogene | NA |
| -0.7133591 | 8.4272506 | -4.5410412 | 6.13E-05 | 6.51E-05 | 0.4539806 | RND3 | Rho family GTPase 3 | ENSG00000115963 |
| -0.7111241 | 8.2048962 | -9.650995 | 1.72E-11 | 9.61E-11 | 15.596611 | MED31 | mediator complex subunit 31 | ENSG00000108590 |
| -0.7096741 | 6.3101943 | -5.2068922 | 8.13E-06 | 9.51E-06 | 2.4516942 | LOC100421160 | structural maintenance of chromosomes 5 pseudogene | ENSG00000255437 |
| -0.7074345 | 7.4354723 | -6.8949829 | 4.69E-08 | 8.37E-08 | 7.6071959 | ERCC8 | ERCC excision repair 8, CSA ubiquitin ligase complex subunit | ENSG00000049167 |
| -0.7073615 | 6.8066488 | -8.3540939 | 6.37E-10 | 1.91E-09 | 11.941143 | DIPK1A | divergent protein kinase domain 1A | ENSG00000154511 |
| -0.7070621 | 8.3809567 | -4.2680175 | 0.0001384 | 0.0001451 | -0.3454268 | TTK | TTK protein kinase | ENSG00000112742 |
| -0.7070208 | 5.8883126 | -5.0472201 | 1.32E-05 | 1.52E-05 | 1.9679749 | RNY4P19 | RNY4 pseudogene 19 | ENSG00000199400 |
| -0.7060878 | 9.7135504 | -7.4179065 | 9.80E-09 | 2.09E-08 | 9.1827875 | TARS1 | threonyl-tRNA synthetase 1 | ENSG00000113407 |
| -0.7055391 | 7.444349 | -6.4498037 | 1.81E-07 | 2.81E-07 | 6.2519144 | RPL23AP8 | ribosomal protein L23a pseudogene 8 | ENSG00000241582 |
| -0.7035268 | 8.2054497 | -6.0517444 | 6.10E-07 | 8.54E-07 | 5.0337175 | APOO | apolipoprotein O | ENSG00000184831 |
| -0.7008952 | 8.5863989 | -6.2788912 | 3.04E-07 | 4.56E-07 | 5.7293271 | CPNE8 | copine 8 | ENSG00000139117 |
| -0.7006341 | 7.8624862 | -7.0697293 | 2.77E-08 | 5.39E-08 | 8.136 | C17orf75 | chromosome 17 open reading frame 75 | ENSG00000108666 |
| -0.698953 | 8.727084 | -4.0215688 | 0.0002857 | 0.0002928 | -1.0530382 | RPSAP3 | ribosomal protein SA pseudogene 3 | ENSG00000242952 |
| -0.6979836 | 7.3792089 | -5.9086587 | 9.45E-07 | 1.27E-06 | 4.5952754 | MYZAP | myocardial zonula adherens protein | ENSG00000263155 |
| -0.6977949 | 5.8523773 | -8.6051835 | 3.11E-10 | 1.02E-09 | 12.66481 | LOC107984376 | uncharacterized LOC107984376 | NA |
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| -0.69528 | 8.4671389 | -6.3274159 | 2.62E-07 | 3.99E-07 | 5.8777885 | UBE2B | ubiquitin conjugating enzyme E2 B | ENSG00000119048 |
| -0.6951149 | 9.1520923 | -4.2516947 | 0.0001453 | 0.0001518 | -0.3927359 | RNVU1-17 | RNA, variant U1 small nuclear 17 | ENSG00000207349 |
| -0.6947696 | 6.473002 | -5.8778239 | 1.04E-06 | 1.39E-06 | 4.5007952 | LOC100418730 | T-box 20 pseudogene | NA |
| -0.6943343 | 6.6405241 | -5.653084 | 2.07E-06 | 2.66E-06 | 3.8125621 | RPS12P5 | ribosomal protein S12 pseudogene 5 | ENSG00000226216 |
| -0.6939663 | 6.7694122 | -7.2899708 | 1.43E-08 | 2.89E-08 | 8.7992924 | LOC100507599 | uncharacterized LOC100507599 | NA |
| -0.6939395 | 6.9116679 | -5.2385799 | 7.38E-06 | 8.70E-06 | 2.5479459 | RPL26P12 | ribosomal protein L26 pseudogene 12 | ENSG00000230659 |
| -0.6932581 | 7.8622376 | -7.0534943 | 2.91E-08 | 5.59E-08 | 8.0869603 | WDR48 | WD repeat domain 48 | ENSG00000114742 |
| -0.6929238 | 7.9826288 | -10.446004 | 2.09E-12 | 1.71E-11 | 17.732156 | RSBN1L | round spermatid basic protein 1 like | ENSG00000187257 |
| -0.692607 | 5.8444432 | -13.022449 | 3.93E-15 | 1.24E-13 | 24.097651 | LINCR-0002 | uncharacterized LincR-0002 | NA |
| -0.6923904 | 8.3668694 | -4.5950536 | 5.21E-05 | 5.58E-05 | 0.6137663 | FKBP3 | FKBP prolyl isomerase 3 | ENSG00000100442 |
| -0.6921857 | 9.7482302 | -10.87551 | 6.92E-13 | 7.37E-12 | 18.851786 | ATP6V1B2 | ATPase H+ transporting V1 subunit B2 | ENSG00000147416 |
| -0.6885736 | 7.952522 | -5.372977 | 4.89E-06 | 5.94E-06 | 2.9569685 | IFT80 | intraflagellar transport 80 | ENSG00000068885 |
| -0.6880394 | 6.5713173 | -4.9238565 | 1.93E-05 | 2.17E-05 | 1.5959566 | LOC105374206 | uncharacterized LOC105374206 | NA |
| -0.6872879 | 6.3097552 | -11.708622 | 8.69E-14 | 1.50E-12 | 20.955832 | LRRC34 | leucine rich repeat containing 34 | ENSG00000171757 |
| -0.6870207 | 8.8686775 | -5.6828341 | 1.89E-06 | 2.46E-06 | 3.9036077 | TDG | thymine DNA glycosylase | ENSG00000139372 |
| -0.6865448 | 6.1775762 | -6.0986024 | 5.28E-07 | 7.46E-07 | 5.1772779 | LOC128136 | 3-hydroxy-3-methylglutaryl-Coenzyme A synthase 1 (soluble) pseudogene | ENSG00000215805 |
| -0.6846793 | 6.1193949 | -5.4848975 | 3.47E-06 | 4.32E-06 | 3.2984127 | FAM66A | family with sequence similarity 66 member A | NA |
| -0.6828807 | 7.2548338 | -6.9318556 | 4.19E-08 | 7.68E-08 | 7.7189487 | TCEAL7 | transcription elongation factor A like 7 | ENSG00000182916 |
| -0.6826811 | 8.2980568 | -6.0071717 | 6.99E-07 | 9.66E-07 | 4.8971434 | CKAP2L | cytoskeleton associated protein 2 like | ENSG00000169607 |
| -0.6809898 | 7.2035354 | -7.5761812 | 6.13E-09 | 1.37E-08 | 9.655238 | ABCB1 | ATP binding cassette subfamily B member 1 | ENSG00000085563 |
| -0.6804451 | 8.0685587 | -4.3222242 | 0.0001179 | 0.0001239 | -0.1879016 | RPL22P16 | ribosomal protein L22 pseudogene 16 | ENSG00000213935 |
| -0.6797095 | 7.4692175 | -6.0757448 | 5.66E-07 | 7.95E-07 | 5.1072509 | KIF15 | kinesin family member 15 | ENSG00000163808 |
| -0.6795494 | 8.3168992 | -4.7125121 | 3.66E-05 | 3.98E-05 | 0.9628717 | CLK1 | CDC like kinase 1 | ENSG00000013441 |
| -0.6795022 | 8.1725043 | -7.3517342 | 1.19E-08 | 2.45E-08 | 8.9846054 | SUGT1 | SGT1 homolog, MIS12 kinetochore complex assembly cochaperone | ENSG00000165416 |
| -0.6793857 | 7.4859854 | -6.7079189 | 8.25E-08 | 1.40E-07 | 7.0389642 | CEP152 | centrosomal protein 152 | ENSG00000103995 |
| -0.6753105 | 6.3741089 | -11.104908 | 3.87E-13 | 4.44E-12 | 19.440003 | SLC2A12 | solute carrier family 2 member 12 | ENSG00000146411 |
| -0.6742028 | 7.8790024 | -5.3331262 | 5.52E-06 | 6.68E-06 | 2.8355631 | SMARCE1P1 | SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily e, member 1 pseudogene 1 | ENSG00000225215 |
| -0.6739577 | 8.9659066 | -4.0087111 | 0.0002966 | 0.0003036 | -1.089538 | RNU1-83P | RNA, U1 small nuclear 83, pseudogene | ENSG00000200296 |
| -0.673139 | 5.8028514 | -12.672156 | 8.79E-15 | 2.11E-13 | 23.280504 | LINC01215 | long intergenic non-protein coding RNA 1215 | ENSG00000271856 |
| -0.6730975 | 6.8652491 | -5.9895851 | 7.38E-07 | 1.01E-06 | 4.8432541 | MTFR2 | mitochondrial fission regulator 2 | ENSG00000146410 |
| -0.6720717 | 7.7033533 | -11.307257 | 2.34E-13 | 3.16E-12 | 19.953248 | HAUS2 | HAUS augmin like complex subunit 2 | ENSG00000137814 |
| -0.6719814 | 8.3081803 | -6.3153994 | 2.72E-07 | 4.13E-07 | 5.8410302 | CDC40 | cell division cycle 40 | ENSG00000168438 |
| -0.6693386 | 9.1205345 | -6.837812 | 5.57E-08 | 9.79E-08 | 7.4337527 | OSBPL8 | oxysterol binding protein like 8 | ENSG00000091039 |
| -0.6684659 | 7.5528572 | -5.7993562 | 1.32E-06 | 1.74E-06 | 4.2604028 | ARG2 | arginase 2 | ENSG00000081181 |
| -0.6683649 | 7.7821351 | -6.0297852 | 6.52E-07 | 9.08E-07 | 4.9664342 | ZDHHC17 | zinc finger DHHC-type palmitoyltransferase 17 | ENSG00000186908 |
| -0.6681224 | 7.372149 | -5.4116044 | 4.34E-06 | 5.32E-06 | 3.0747364 | ZNF675 | zinc finger protein 675 | ENSG00000197372 |
| -0.6679588 | 7.9421277 | -4.5623426 | 5.75E-05 | 6.12E-05 | 0.516938 | RIOK2 | RIO kinase 2 | ENSG00000058729 |
| -0.6674582 | 7.9413868 | -6.7243727 | 7.85E-08 | 1.34E-07 | 7.0890255 | CTNNAL1 | catenin alpha like 1 | ENSG00000119326 |
| -0.6668941 | 6.3096388 | -5.2503443 | 7.12E-06 | 8.43E-06 | 2.5836997 | LOC107986244 | zinc finger protein 141-like | NA |
| -0.6667971 | 8.0944769 | -6.3407339 | 2.52E-07 | 3.84E-07 | 5.9185235 | CCDC91 | coiled-coil domain containing 91 | ENSG00000123106 |
| -0.6663972 | 5.7050312 | -8.1606386 | 1.11E-09 | 3.10E-09 | 11.378681 | ZNF90P1 | zinc finger protein 90 pseudogene 1 | NA |
| -0.6659774 | 9.1699781 | -6.9163729 | 4.39E-08 | 8.00E-08 | 7.6720347 | CD164 | CD164 molecule | ENSG00000135535 |
| -0.6658155 | 5.6947392 | -10.493139 | 1.85E-12 | 1.55E-11 | 17.856195 | LINC01876 | long intergenic non-protein coding RNA 1876 | ENSG00000226383 |
| -0.6655964 | 10.228141 | -4.7170713 | 3.61E-05 | 3.95E-05 | 0.9764647 | HSPE1P8 | heat shock protein family E (Hsp10) member 1 pseudogene 8 | NA |
| -0.6652881 | 8.9564758 | -9.848622 | 1.01E-11 | 6.19E-11 | 16.135112 | RNF5 | ring finger protein 5 | ENSG00000204308 |
| -0.6649265 | 7.9872903 | -7.6697657 | 4.65E-09 | 1.08E-08 | 9.9334996 | BBIP1 | BBSome interacting protein 1 | ENSG00000214413 |
| -0.6648536 | 7.6130628 | -5.4978305 | 3.33E-06 | 4.16E-06 | 3.3379091 | SCML1 | Scm polycomb group protein like 1 | ENSG00000047634 |
| -0.6647853 | 11.964658 | -4.2242014 | 0.0001576 | 0.000164 | -0.4722863 | SNORD68 | small nucleolar RNA, C/D box 68 | NA |
| -0.6645541 | 7.6034243 | -7.4861593 | 8.00E-09 | 1.74E-08 | 9.3867994 | TIPIN | TIMELESS interacting protein | ENSG00000075131 |
| -0.6633831 | 8.8161757 | -8.4028993 | 5.54E-10 | 1.70E-09 | 12.082376 | TARDBP | TAR DNA binding protein | ENSG00000120948 |
| -0.6633449 | 7.2950159 | -7.3553628 | 1.18E-08 | 2.43E-08 | 8.9954826 | KIN | Kin17 DNA and RNA binding protein | ENSG00000151657 |
| -0.6627766 | 8.6500388 | -9.752127 | 1.31E-11 | 7.44E-11 | 15.872807 | PDCD6IP | programmed cell death 6 interacting protein | ENSG00000170248 |
| -0.6618622 | 7.354993 | -8.7740792 | 1.93E-10 | 6.74E-10 | 13.147413 | CENPW | centromere protein W | ENSG00000203760 |
| -0.6617471 | 8.4103832 | -5.5668263 | 2.70E-06 | 3.39E-06 | 3.5487378 | TIA1 | TIA1 cytotoxic granule associated RNA binding protein | ENSG00000116001 |
| -0.6613376 | 8.1491663 | -10.065256 | 5.67E-12 | 3.88E-11 | 16.71961 | WTAP | WT1 associated protein | ENSG00000146457 |
| -0.660112 | 6.1740113 | -5.1951769 | 8.42E-06 | 9.84E-06 | 2.4161286 | RNU2-5P | RNA, U2 small nuclear 5, pseudogene | ENSG00000222465 |
| -0.6591775 | 9.2421037 | -7.6803057 | 4.51E-09 | 1.05E-08 | 9.9647866 | PCM1 | pericentriolar material 1 | ENSG00000078674 |
| -0.6583339 | 8.3831937 | -6.704906 | 8.33E-08 | 1.41E-07 | 7.0297957 | SMARCAD1 | SWI/SNF-related, matrix-associated actin-dependent regulator of chromatin, subfamily a, containing DEAD/H box 1 | ENSG00000163104 |
| -0.6580859 | 7.1067641 | -8.0780271 | 1.41E-09 | 3.82E-09 | 11.137232 | LOC100506911 | chromosome 6 open reading frame 35 pseudogene | ENSG00000257779 |
| -0.6578261 | 7.2282313 | -11.235654 | 2.79E-13 | 3.53E-12 | 19.772232 | METTL6 | methyltransferase like 6 | ENSG00000206562 |
| -0.6578005 | 8.8172925 | -4.5805384 | 5.44E-05 | 5.81E-05 | 0.5707776 | H4C4 | H4 clustered histone 4 | ENSG00000277157 |
| -0.6569877 | 7.7978119 | -7.573237 | 6.18E-09 | 1.38E-08 | 9.6464705 | SLC25A17 | solute carrier family 25 member 17 | ENSG00000100372 |
| -0.656935 | 5.9679305 | -7.3369871 | 1.25E-08 | 2.55E-08 | 8.9403878 | MIR670HG | MIR670 host gene | ENSG00000235661 |
| -0.6564441 | 7.6218275 | -5.5735453 | 2.64E-06 | 3.33E-06 | 3.569279 | RPL32P20 | ribosomal protein L32 pseudogene 20 | ENSG00000243537 |
| -0.6561544 | 7.9259031 | -9.0329744 | 9.36E-11 | 3.79E-10 | 13.88048 | SDF2 | stromal cell derived factor 2 | ENSG00000132581 |
| -0.6559411 | 6.2834057 | -6.1811437 | 4.10E-07 | 5.95E-07 | 5.4300955 | PHOSPHO2 | phosphatase, orphan 2 | ENSG00000144362 |
| -0.6555013 | 7.9293972 | -6.0076863 | 6.98E-07 | 9.66E-07 | 4.8987202 | GXYLT1 | glucoside xylosyltransferase 1 | ENSG00000151233 |
| -0.6552288 | 6.3716052 | -11.889493 | 5.61E-14 | 1.07E-12 | 21.400983 | ZNF571-AS1 | ZNF571 antisense RNA 1 | ENSG00000267470 |
| -0.6551926 | 6.1271408 | -5.330774 | 5.56E-06 | 6.71E-06 | 2.8284003 | B3GALT2 | beta-1,3-galactosyltransferase 2 | ENSG00000162630 |
| -0.6540934 | 6.2240978 | -11.659418 | 9.80E-14 | 1.59E-12 | 20.83402 | CHCHD7 | coiled-coil-helix-coiled-coil-helix domain containing 7 | ENSG00000170791 |
| -0.6532148 | 6.9911649 | -8.6760669 | 2.55E-10 | 8.51E-10 | 12.867767 | OXNAD1 | oxidoreductase NAD binding domain containing 1 | ENSG00000154814 |
| -0.6530298 | 11.279405 | -6.559574 | 1.29E-07 | 2.09E-07 | 6.5869971 | RPL22P2 | ribosomal protein L22 pseudogene 2 | ENSG00000241081 |
| -0.6529033 | 7.7508968 | -5.9032454 | 9.61E-07 | 1.29E-06 | 4.578688 | MPHOSPH6 | M-phase phosphoprotein 6 | ENSG00000135698 |
| -0.6524272 | 7.6677636 | -5.7246695 | 1.66E-06 | 2.17E-06 | 4.0316769 | EIF2S2P3 | eukaryotic translation initiation factor 2 subunit 2 beta pseudogene 3 | NA |
| -0.6522919 | 7.2298547 | -8.7236162 | 2.23E-10 | 7.61E-10 | 13.003577 | ZBTB26 | zinc finger and BTB domain containing 26 | ENSG00000171448 |
| -0.6521764 | 11.010141 | -4.8418484 | 2.47E-05 | 2.76E-05 | 1.3496115 | SNORD97 | small nucleolar RNA, C/D box 97 | ENSG00000238622 |
| -0.6511387 | 7.5916816 | -6.7494261 | 7.28E-08 | 1.25E-07 | 7.1652226 | NR2C1 | nuclear receptor subfamily 2 group C member 1 | ENSG00000120798 |
| -0.650694 | 6.9386737 | -6.7296631 | 7.72E-08 | 1.32E-07 | 7.1051185 | EIF4A1P9 | eukaryotic translation initiation factor 4A1 pseudogene 9 | NA |
| -0.6493109 | 6.2036234 | -11.163391 | 3.35E-13 | 4.09E-12 | 19.588883 | LERFS | lncRNA negative regulator of fibroblast-like synoviocyte migration, SYNCRIP interacting | NA |
| -0.6486006 | 6.0787662 | -6.3444366 | 2.49E-07 | 3.80E-07 | 5.929848 | LOC105369435 | uncharacterized LOC105369435 | NA |
| -0.6481056 | 6.5530607 | -5.9182504 | 9.18E-07 | 1.24E-06 | 4.624666 | RPSAP17 | ribosomal protein SA pseudogene 17 | ENSG00000226855 |
| -0.6479622 | 7.1062775 | -4.0284804 | 0.00028 | 0.0002873 | -1.0334 | ZNF92 | zinc finger protein 92 | ENSG00000146757 |
| -0.6472492 | 8.9484906 | -5.6765916 | 1.93E-06 | 2.50E-06 | 3.8845014 | NAE1 | NEDD8 activating enzyme E1 subunit 1 | ENSG00000159593 |
| -0.6472095 | 8.7009876 | -6.118923 | 4.96E-07 | 7.06E-07 | 5.2395271 | FXR1 | FMR1 autosomal homolog 1 | ENSG00000114416 |
| -0.6471716 | 6.3859911 | -4.8906943 | 2.13E-05 | 2.39E-05 | 1.4962419 | WASL-DT | WASL divergent transcript | NA |
| -0.6468469 | 8.2861875 | -5.3837493 | 4.73E-06 | 5.78E-06 | 2.9898029 | SNORD15A | small nucleolar RNA, C/D box 15A | ENSG00000206941 |
| -0.6461241 | 7.3903773 | -6.2215468 | 3.63E-07 | 5.35E-07 | 5.5538053 | CKS1BP1 | CDC28 protein kinase regulatory subunit 1B pseudogene 1 | NA |
| -0.6460471 | 6.1132786 | -13.779758 | 7.23E-16 | 3.59E-14 | 25.81518 | LINC00472 | long intergenic non-protein coding RNA 472 | ENSG00000233237 |
| -0.6430612 | 7.8909629 | -6.5595567 | 1.29E-07 | 2.09E-07 | 6.5869442 | LRP12 | LDL receptor related protein 12 | ENSG00000147650 |
| -0.6412599 | 7.2829931 | -3.9679062 | 0.000334 | 0.0003395 | -1.2050773 | FAM27E4 | family with sequence similarity 27 member E4 | NA |
| -0.6408488 | 8.194717 | -5.0053706 | 1.50E-05 | 1.70E-05 | 1.8415908 | SC5D | sterol-C5-desaturase | ENSG00000109929 |
| -0.6402293 | 7.1668635 | -6.8313818 | 5.68E-08 | 9.93E-08 | 7.4142324 | HDX | highly divergent homeobox | ENSG00000165259 |
| -0.6394522 | 7.407274 | -8.7715643 | 1.94E-10 | 6.74E-10 | 13.140252 | ZFP30 | ZFP30 zinc finger protein | ENSG00000120784 |
| -0.6389611 | 6.955276 | -5.5861655 | 2.54E-06 | 3.22E-06 | 3.6078658 | RPL23AP19 | ribosomal protein L23a pseudogene 19 | NA |
| -0.638808 | 7.9793231 | -6.7509643 | 7.24E-08 | 1.25E-07 | 7.1698996 | AKAP9 | A-kinase anchoring protein 9 | ENSG00000127914 |
| -0.6384187 | 9.14776 | -6.8206203 | 5.87E-08 | 1.02E-07 | 7.3815576 | PIGU | phosphatidylinositol glycan anchor biosynthesis class U | ENSG00000101464 |
| -0.6382204 | 7.0495687 | -6.9117351 | 4.46E-08 | 8.08E-08 | 7.6579789 | FOXD4L1 | forkhead box D4 like 1 | ENSG00000184492 |
| -0.6367273 | 7.6029799 | -5.3805237 | 4.78E-06 | 5.81E-06 | 2.9799704 | PIGUP1 | phosphatidylinositol glycan anchor biosynthesis class U pseudogene 1 | ENSG00000224437 |
| -0.63655 | 8.3925023 | -4.2981316 | 0.0001266 | 0.0001329 | -0.2579929 | LRRC40 | leucine rich repeat containing 40 | ENSG00000066557 |
| -0.6363109 | 7.4766664 | -6.2299246 | 3.53E-07 | 5.24E-07 | 5.5794531 | ZNF823 | zinc finger protein 823 | ENSG00000197933 |
| -0.6362493 | 7.729367 | -5.9636824 | 7.98E-07 | 1.09E-06 | 4.763881 | VEZT | vezatin, adherens junctions transmembrane protein | ENSG00000028203 |
| -0.6359697 | 9.2578891 | -4.2210497 | 0.0001591 | 0.0001653 | -0.4813946 | HNRNPA3P5 | heterogeneous nuclear ribonucleoprotein A3 pseudogene 5 | ENSG00000236565 |
| -0.6358923 | 7.3493449 | -5.5786427 | 2.60E-06 | 3.29E-06 | 3.5848637 | HNRNPA1P40 | heterogeneous nuclear ribonucleoprotein A1 pseudogene 40 | NA |
| -0.6356451 | 6.4236199 | -12.770592 | 7.00E-15 | 1.86E-13 | 23.511609 | ICA1L | islet cell autoantigen 1 like | ENSG00000163596 |
| -0.6343376 | 6.0398696 | -10.885571 | 6.75E-13 | 7.28E-12 | 18.877726 | ZNF493 | zinc finger protein 493 | ENSG00000196268 |
| -0.6342503 | 9.6208067 | -4.2407414 | 0.0001501 | 0.0001564 | -0.424449 | HSD17B11 | hydroxysteroid 17-beta dehydrogenase 11 | ENSG00000198189 |
| -0.6341642 | 7.4531677 | -11.213433 | 2.95E-13 | 3.67E-12 | 19.715923 | ANKRD46 | ankyrin repeat domain 46 | ENSG00000186106 |
| -0.6337192 | 5.9856731 | -8.1959993 | 1.00E-09 | 2.83E-09 | 11.481801 | BRWD1-AS1 | BRWD1 antisense RNA 1 | ENSG00000238141 |
| -0.6333317 | 6.2891644 | -6.2007832 | 3.86E-07 | 5.66E-07 | 5.4902335 | EIF3LP3 | eukaryotic translation initiation factor 3 subunit L pseudogene 3 | ENSG00000226086 |
| -0.6330555 | 9.2334608 | -9.6872587 | 1.56E-11 | 8.79E-11 | 15.6958 | MCM6 | minichromosome maintenance complex component 6 | ENSG00000076003 |
| -0.6319671 | 6.9007372 | -13.159035 | 2.88E-15 | 1.02E-13 | 24.412332 | CAMTA1 | calmodulin binding transcription activator 1 | ENSG00000171735 |
| -0.6312899 | 7.006818 | -4.6932673 | 3.88E-05 | 4.21E-05 | 0.9055278 | HNRNPA1P42 | heterogeneous nuclear ribonucleoprotein A1 pseudogene 42 | ENSG00000233615 |
| -0.6298911 | 9.5858526 | -11.82599 | 6.54E-14 | 1.19E-12 | 21.24516 | SNHG32 | small nucleolar RNA host gene 32 | ENSG00000204387 |
| -0.6297924 | 5.9674923 | -14.680594 | 1.05E-16 | 8.66E-15 | 27.774397 | PPFIA2 | PTPRF interacting protein alpha 2 | ENSG00000139220 |
| -0.6293943 | 5.9258693 | -9.3753387 | 3.64E-11 | 1.71E-10 | 14.837133 | SMIM18 | small integral membrane protein 18 | ENSG00000253457 |
| -0.6289687 | 6.7936414 | -5.2221341 | 7.76E-06 | 9.12E-06 | 2.4979819 | RPL23AP71 | ribosomal protein L23a pseudogene 71 | ENSG00000237450 |
| -0.6284664 | 8.3519244 | -4.4224345 | 8.75E-05 | 9.23E-05 | 0.1049163 | ORC4 | origin recognition complex subunit 4 | ENSG00000115947 |
| -0.6280767 | 6.8548053 | -13.986817 | 4.60E-16 | 2.45E-14 | 26.273403 | GRID1 | glutamate ionotropic receptor delta type subunit 1 | ENSG00000182771 |
| -0.6271871 | 6.4563856 | -5.6618841 | 2.02E-06 | 2.61E-06 | 3.8394909 | HMGN5 | high mobility group nucleosome binding domain 5 | ENSG00000198157 |
| -0.6271549 | 7.5437833 | -8.8648183 | 1.50E-10 | 5.47E-10 | 13.405274 | TXNDC15 | thioredoxin domain containing 15 | ENSG00000113621 |
| -0.6270575 | 8.0847367 | -10.337803 | 2.77E-12 | 2.19E-11 | 17.446324 | SNAPC3 | small nuclear RNA activating complex polypeptide 3 | ENSG00000164975 |
| -0.6269369 | 8.5958685 | -4.7861255 | 2.93E-05 | 3.24E-05 | 1.1827094 | NDUFAF2 | NADH:ubiquinone oxidoreductase complex assembly factor 2 | ENSG00000164182 |
| -0.6266187 | 6.2690029 | -10.140179 | 4.65E-12 | 3.36E-11 | 16.920343 | GDPD1 | glycerophosphodiester phosphodiesterase domain containing 1 | ENSG00000153982 |
| -0.6262197 | 6.506579 | -12.258726 | 2.32E-14 | 4.67E-13 | 22.297053 | REEP1 | receptor accessory protein 1 | ENSG00000068615 |
| -0.6256591 | 6.3852533 | -6.4889564 | 1.60E-07 | 2.52E-07 | 6.3714874 | MIR4307HG | MIR4307 host gene | ENSG00000257612 |
| -0.62545 | 6.0952644 | -7.9488767 | 2.05E-09 | 5.37E-09 | 10.758297 | LOC112268421 | uncharacterized LOC112268421 | NA |
| -0.6251283 | 10.909564 | -9.3762719 | 3.63E-11 | 1.71E-10 | 14.83972 | SNRPD3 | small nuclear ribonucleoprotein D3 polypeptide | ENSG00000100028 |
| -0.6233848 | 8.1671381 | -7.3258128 | 1.29E-08 | 2.63E-08 | 8.9068705 | CASD1 | CAS1 domain containing 1 | ENSG00000127995 |
| -0.6227233 | 8.4877681 | -5.0145455 | 1.46E-05 | 1.66E-05 | 1.8692832 | STARD4 | StAR related lipid transfer domain containing 4 | ENSG00000164211 |
| -0.6223596 | 9.1252104 | -6.3758268 | 2.26E-07 | 3.48E-07 | 6.0258344 | CCDC88A | coiled-coil domain containing 88A | ENSG00000115355 |
| -0.6222805 | 8.8140228 | -5.233448 | 7.49E-06 | 8.82E-06 | 2.5323526 | PHF6 | PHD finger protein 6 | ENSG00000156531 |
| -0.6219341 | 8.9904892 | -3.622207 | 0.0008992 | 0.0009029 | -2.1641458 | RPL22P19 | ribosomal protein L22 pseudogene 19 | ENSG00000241129 |
| -0.6217698 | 5.5362298 | -4.4459258 | 8.15E-05 | 8.61E-05 | 0.1738453 | LOC107984325 | uncharacterized LOC107984325 | NA |
| -0.6212862 | 9.0195179 | -9.6231195 | 1.85E-11 | 1.01E-10 | 15.520251 | IST1 | IST1 factor associated with ESCRT-III | ENSG00000182149 |
| -0.6212595 | 5.3728843 | -4.7549052 | 3.22E-05 | 3.53E-05 | 1.0893806 | MIR1302-3 | microRNA 1302-3 | ENSG00000221055 |
| -0.6210715 | 6.6535077 | -4.5702397 | 5.62E-05 | 5.99E-05 | 0.5402979 | SNORD98 | small nucleolar RNA, C/D box 98 | ENSG00000283551 |
| -0.6204338 | 6.1615285 | -9.392466 | 3.47E-11 | 1.68E-10 | 14.884603 | LOC100128966 | uncharacterized LOC100128966 | ENSG00000120709 |
| -0.6195541 | 6.5160765 | -6.1528491 | 4.47E-07 | 6.42E-07 | 5.3434428 | FLJ39095 | uncharacterized LOC400812 | NA |
| -0.6188088 | 6.6179706 | -10.329135 | 2.83E-12 | 2.20E-11 | 17.42336 | SLC40A1 | solute carrier family 40 member 1 | ENSG00000138449 |
| -0.6188002 | 7.50211 | -6.9979504 | 3.44E-08 | 6.40E-08 | 7.9190418 | RABL2B | RAB, member of RAS oncogene family like 2B | ENSG00000079974 |
| -0.6182323 | 7.2767693 | -9.780749 | 1.21E-11 | 7.05E-11 | 15.950736 | DNAJB9 | DnaJ heat shock protein family (Hsp40) member B9 | ENSG00000128590 |
| -0.6181822 | 8.0856573 | -4.80255 | 2.79E-05 | 3.09E-05 | 1.2318616 | RPS2P46 | ribosomal protein S2 pseudogene 46 | ENSG00000189343 |
| -0.6169 | 8.6501684 | -4.2600308 | 0.0001417 | 0.0001483 | -0.3685823 | AASDHPPT | aminoadipate-semialdehyde dehydrogenase-phosphopantetheinyl transferase | ENSG00000149313 |
| -0.6162556 | 8.1062092 | -11.396944 | 1.87E-13 | 2.73E-12 | 20.179058 | IDI1 | isopentenyl-diphosphate delta isomerase 1 | ENSG00000067064 |
| -0.6162207 | 8.7887741 | -5.4288789 | 4.12E-06 | 5.06E-06 | 3.12743 | HNRNPA1P45 | heterogeneous nuclear ribonucleoprotein A1 pseudogene 45 | ENSG00000259411 |
| -0.6156965 | 7.7023237 | -5.265365 | 6.80E-06 | 8.07E-06 | 2.6293647 | LINC01201 | long intergenic non-protein coding RNA 1201 | ENSG00000228659 |
| -0.6156679 | 7.8614083 | -4.2447504 | 0.0001483 | 0.0001547 | -0.4128449 | LOC100132797 | FMR1 autosomal homolog 1 pseudogene | NA |
| -0.6134094 | 6.8552925 | -13.244601 | 2.37E-15 | 8.84E-14 | 24.608355 | ZNF320 | zinc finger protein 320 | ENSG00000182986 |
| -0.6132387 | 6.0401089 | -8.3094319 | 7.24E-10 | 2.13E-09 | 11.811663 | ZNF728 | zinc finger protein 728 | ENSG00000269067 |
| -0.6132014 | 6.7700679 | -5.6455815 | 2.12E-06 | 2.72E-06 | 3.7896058 | EMSLR | E2F1 mRNA stabilizing lncRNA | NA |
| -0.6126073 | 6.412428 | -10.782254 | 8.78E-13 | 8.38E-12 | 18.610719 | ZNF287 | zinc finger protein 287 | ENSG00000141040 |
| -0.612579 | 7.2583859 | -9.9755083 | 7.20E-12 | 4.83E-11 | 16.478199 | EED | embryonic ectoderm development | ENSG00000074266 |
| -0.6119232 | 8.8137768 | -8.875963 | 1.45E-10 | 5.38E-10 | 13.436876 | DNAJA2 | DnaJ heat shock protein family (Hsp40) member A2 | ENSG00000069345 |
| -0.6114557 | 5.9647484 | -10.42767 | 2.19E-12 | 1.77E-11 | 17.68383 | ZNF763 | zinc finger protein 763 | ENSG00000197054 |
| -0.6113056 | 6.9576382 | -5.7681865 | 1.45E-06 | 1.91E-06 | 4.164934 | DRG1P1 | DRG1 pseudogene 1 | NA |
| -0.6109092 | 5.760634 | -5.016441 | 1.45E-05 | 1.65E-05 | 1.8750055 | MOB4P2 | MOB4 pseudogene 2 | NA |
| -0.6103285 | 7.157846 | -5.9819358 | 7.55E-07 | 1.04E-06 | 4.8198146 | SDHCP4 | succinate dehydrogenase complex subunit C pseudogene 4 | NA |
| -0.6101804 | 7.5510039 | -4.1837309 | 0.0001776 | 0.0001843 | -0.5890717 | TRIQK | triple QxxK/R motif containing | ENSG00000205133 |
| -0.6095724 | 7.4916192 | -10.093952 | 5.26E-12 | 3.69E-11 | 16.796578 | MAGI2-AS3 | MAGI2 antisense RNA 3 | ENSG00000234456 |
| -0.6092741 | 7.7340985 | -7.4913854 | 7.88E-09 | 1.72E-08 | 9.4024036 | ATP5F1E | ATP synthase F1 subunit epsilon | ENSG00000124172 |
| -0.6086693 | 8.614602 | -3.0898124 | 0.0038653 | 0.0038653 | -3.5567898 | SNORD71 | small nucleolar RNA, C/D box 71 | ENSG00000223224 |
| -0.6085576 | 7.432109 | -5.5099959 | 3.21E-06 | 4.01E-06 | 3.3750678 | GSTM3 | glutathione S-transferase mu 3 | ENSG00000134202 |
| -0.6084709 | 8.1680221 | -7.0538257 | 2.91E-08 | 5.59E-08 | 8.0879615 | LCMT1 | leucine carboxyl methyltransferase 1 | ENSG00000205629 |
| -0.6082673 | 7.3904078 | -6.9496006 | 3.98E-08 | 7.31E-08 | 7.772698 | LOC730101 | uncharacterized LOC730101 | ENSG00000216775 |
| -0.6077325 | 6.453133 | -7.8572211 | 2.68E-09 | 6.85E-09 | 10.488314 | DHFRP2 | dihydrofolate reductase pseudogene 2 | NA |
| -0.6065927 | 5.9860797 | -5.1014018 | 1.12E-05 | 1.30E-05 | 2.1318589 | MIR325 | microRNA 325 | ENSG00000207995 |
| -0.6062004 | 7.1202633 | -8.2485883 | 8.62E-10 | 2.49E-09 | 11.634908 | YAF2 | YY1 associated factor 2 | ENSG00000015153 |
| -0.6060411 | 8.0794181 | -11.48967 | 1.49E-13 | 2.22E-12 | 20.411441 | BTBD3 | BTB domain containing 3 | ENSG00000132640 |
| -0.6058441 | 6.4343618 | -9.3779419 | 3.61E-11 | 1.71E-10 | 14.84435 | NKAIN2 | sodium/potassium transporting ATPase interacting 2 | ENSG00000188580 |
| -0.6058002 | 7.97501 | -7.7747184 | 3.42E-09 | 8.35E-09 | 10.24456 | MRPL15 | mitochondrial ribosomal protein L15 | ENSG00000137547 |
| -0.6055471 | 7.8056653 | -3.8669221 | 0.0004474 | 0.0004523 | -1.4890122 | ZFAND1 | zinc finger AN1-type containing 1 | ENSG00000104231 |
| -0.6054692 | 10.353361 | -7.3626544 | 1.15E-08 | 2.40E-08 | 9.0173367 | STRAP | serine/threonine kinase receptor associated protein | ENSG00000023734 |
| -0.6044253 | 9.9867947 | -9.4650205 | 2.85E-11 | 1.45E-10 | 15.085284 | NASP | nuclear autoantigenic sperm protein | ENSG00000132780 |
| -0.6041474 | 6.6372464 | -6.5574874 | 1.30E-07 | 2.10E-07 | 6.5806324 | LINC01560 | long intergenic non-protein coding RNA 1560 | NA |
| -0.6039101 | 8.4222616 | -6.2239991 | 3.60E-07 | 5.32E-07 | 5.5613128 | RCN2 | reticulocalbin 2 | ENSG00000117906 |
| -0.6033687 | 7.3925212 | -5.3860663 | 4.70E-06 | 5.74E-06 | 2.996866 | SOD2-OT1 | SOD2 overlapping transcript 1 | ENSG00000285427 |
| -0.6030075 | 6.2761865 | -5.5600793 | 2.75E-06 | 3.46E-06 | 3.5281126 | LOC107984262 | uncharacterized LOC107984262 | NA |
| -0.6026098 | 9.0770831 | -6.6944508 | 8.59E-08 | 1.45E-07 | 6.9979762 | LOC344382 | serine/threonine kinase receptor associated protein pseudogene | NA |
| -0.6019826 | 7.9589063 | -9.2464597 | 5.18E-11 | 2.31E-10 | 14.478738 | CFDP1 | craniofacial development protein 1 | ENSG00000153774 |
| -0.6018212 | 6.8044108 | -7.7435864 | 3.74E-09 | 9.03E-09 | 10.152403 | PTGR1 | prostaglandin reductase 1 | ENSG00000106853 |
| -0.6015104 | 8.8544498 | -6.0942772 | 5.35E-07 | 7.54E-07 | 5.1640275 | STAG2 | stromal antigen 2 | ENSG00000101972 |
| -0.6014155 | 8.3204552 | -7.2234815 | 1.75E-08 | 3.48E-08 | 8.5994493 | UBL3 | ubiquitin like 3 | ENSG00000122042 |
| -0.6008655 | 6.1122829 | -3.8154618 | 0.0005188 | 0.000523 | -1.6325548 | SNORD116-1 | small nucleolar RNA, C/D box 116-1 | ENSG00000207063 |
| -0.6007205 | 10.236929 | -5.4780832 | 3.54E-06 | 4.40E-06 | 3.2776058 | HNRNPA1P48 | heterogeneous nuclear ribonucleoprotein A1 pseudogene 48 | ENSG00000224578 |
| -0.5998479 | 7.7701884 | -6.5835715 | 1.20E-07 | 1.97E-07 | 6.6601828 | SETP14 | SET pseudogene 14 | NA |
| -0.599781 | 6.3925343 | -10.245776 | 3.52E-12 | 2.68E-11 | 17.202022 | PTCHD1 | patched domain containing 1 | ENSG00000165186 |
| -0.599518 | 8.2532668 | -3.8886818 | 0.0004202 | 0.0004259 | -1.4280787 | RNU6-222P | RNA, U6 small nuclear 222, pseudogene | ENSG00000199308 |
| -0.5991498 | 7.660759 | -9.4088933 | 3.32E-11 | 1.62E-10 | 14.930099 | FBXL16 | F-box and leucine rich repeat protein 16 | ENSG00000127585 |
| -0.5984466 | 8.5450991 | -3.9757614 | 0.0003265 | 0.0003323 | -1.1828704 | PTBP2 | polypyrimidine tract binding protein 2 | ENSG00000117569 |
| -0.5983628 | 8.087748 | -7.7410479 | 3.77E-09 | 9.04E-09 | 10.144884 | NAB1 | NGFI-A binding protein 1 | ENSG00000138386 |
| -0.598055 | 7.5413848 | -6.0260671 | 6.60E-07 | 9.17E-07 | 4.9550416 | NUS1P3 | NUS1 pseudogene 3 | NA |
| -0.5976233 | 11.645945 | -5.1904952 | 8.55E-06 | 9.96E-06 | 2.4019191 | HNRNPA1P7 | heterogeneous nuclear ribonucleoprotein A1 pseudogene 7 | NA |
| -0.5975119 | 8.7018543 | -6.5084195 | 1.51E-07 | 2.41E-07 | 6.4309056 | PDCL | phosducin like | ENSG00000136940 |
| -0.5973222 | 7.8157748 | -10.075998 | 5.51E-12 | 3.81E-11 | 16.748433 | ANKRD28 | ankyrin repeat domain 28 | ENSG00000206560 |
| -0.5969074 | 6.9474372 | -6.9087914 | 4.50E-08 | 8.09E-08 | 7.6490567 | TSPAN12 | tetraspanin 12 | ENSG00000106025 |
| -0.5968052 | 8.79066 | -4.1678374 | 0.0001861 | 0.0001926 | -0.6348309 | KIF20B | kinesin family member 20B | ENSG00000138182 |
| -0.595845 | 7.3838992 | -6.0318292 | 6.48E-07 | 9.04E-07 | 4.9726974 | KIAA1143 | KIAA1143 | ENSG00000163807 |
| -0.5957984 | 6.9128191 | -8.1029933 | 1.31E-09 | 3.60E-09 | 11.210279 | ZNF566 | zinc finger protein 566 | ENSG00000186017 |
| -0.5956478 | 8.5995573 | -4.6136739 | 4.93E-05 | 5.31E-05 | 0.6689637 | PCGF1 | polycomb group ring finger 1 | ENSG00000115289 |
| -0.5953536 | 7.2875766 | -6.4840318 | 1.63E-07 | 2.55E-07 | 6.3564507 | MRPL30P1 | mitochondrial ribosomal protein L30 pseudogene 1 | NA |
| -0.5939623 | 7.497803 | -4.0028332 | 0.0003017 | 0.0003084 | -1.1062091 | CCNE2 | cyclin E2 | ENSG00000175305 |
| -0.5935134 | 7.7755708 | -4.7829344 | 2.96E-05 | 3.26E-05 | 1.1731641 | SPOPL | speckle type BTB/POZ protein like | ENSG00000144228 |
| -0.5921088 | 7.0308413 | -5.6377591 | 2.17E-06 | 2.77E-06 | 3.7656724 | GEMIN2 | gem nuclear organelle associated protein 2 | ENSG00000092208 |
| -0.5916816 | 5.8705873 | -12.634647 | 9.59E-15 | 2.20E-13 | 23.192134 | CTNNA3 | catenin alpha 3 | ENSG00000183230 |
| -0.5913142 | 5.4375905 | -8.43188 | 5.10E-10 | 1.58E-09 | 12.166111 | LINC01806 | long intergenic non-protein coding RNA 1806 | ENSG00000227403 |
| -0.5912926 | 7.1051381 | -8.0415021 | 1.57E-09 | 4.21E-09 | 11.030245 | ZNF91 | zinc finger protein 91 | ENSG00000167232 |
| -0.5905556 | 9.1291418 | -6.2674277 | 3.15E-07 | 4.70E-07 | 5.6942453 | KIF2A | kinesin family member 2A | ENSG00000068796 |
| -0.590143 | 8.6010415 | -6.3590993 | 2.38E-07 | 3.66E-07 | 5.9746879 | SPC25 | SPC25 component of NDC80 kinetochore complex | ENSG00000152253 |
| -0.5896923 | 8.8358846 | -12.891106 | 5.30E-15 | 1.52E-13 | 23.792972 | PICALM | phosphatidylinositol binding clathrin assembly protein | ENSG00000073921 |
| -0.5894825 | 8.564387 | -7.6120884 | 5.51E-09 | 1.26E-08 | 9.7621015 | CSTF1 | cleavage stimulation factor subunit 1 | ENSG00000101138 |
| -0.589319 | 8.2941814 | -4.5999643 | 5.14E-05 | 5.51E-05 | 0.628318 | ZC2HC1A | zinc finger C2HC-type containing 1A | ENSG00000104427 |
| -0.5880393 | 8.3112805 | -5.2470066 | 7.19E-06 | 8.50E-06 | 2.5735548 | MMUT | methylmalonyl-CoA mutase | ENSG00000146085 |
| -0.5878143 | 8.1034692 | -9.2954398 | 4.53E-11 | 2.07E-10 | 14.615192 | LOC646801 | pantothenate kinase 3 pseudogene | ENSG00000255500 |
| -0.5878126 | 7.9646221 | -7.752405 | 3.65E-09 | 8.83E-09 | 10.178517 | AKAP11 | A-kinase anchoring protein 11 | ENSG00000023516 |
| -0.5870999 | 6.8050514 | -7.5898727 | 5.89E-09 | 1.33E-08 | 9.6959995 | LOC100418868 | calponin 2 pseudogene | NA |
| -0.5867565 | 7.2010131 | -9.5189489 | 2.46E-11 | 1.28E-10 | 15.234013 | PNMA8A | PNMA family member 8A | ENSG00000182013 |
| -0.5867118 | 6.0568888 | -8.6020834 | 3.14E-10 | 1.03E-09 | 12.65592 | LOC644554 | uncharacterized LOC644554 | NA |
| -0.586595 | 9.4955392 | -4.373577 | 0.0001012 | 0.0001065 | -0.0380997 | PJA2 | praja ring finger ubiquitin ligase 2 | ENSG00000198961 |
| -0.5862105 | 7.609562 | -4.7096981 | 3.69E-05 | 4.01E-05 | 0.9544833 | DENND6A | DENN domain containing 6A | ENSG00000174839 |
| -0.5856599 | 8.4362406 | -9.1632335 | 6.52E-11 | 2.82E-10 | 14.246187 | SCO1 | synthesis of cytochrome C oxidase 1 | ENSG00000133028 |
| -0.5851573 | 6.647536 | -9.5030239 | 2.57E-11 | 1.33E-10 | 15.190132 | CFAP20DC | CFAP20 domain containing | ENSG00000163689 |
| -0.5849506 | 5.7937729 | -9.0272016 | 9.51E-11 | 3.83E-10 | 13.864224 | MGAT4A | alpha-1,3-mannosyl-glycoprotein 4-beta-N-acetylglucosaminyltransferase A | ENSG00000071073 |
| -0.5849027 | 5.4317158 | -5.0083621 | 1.49E-05 | 1.69E-05 | 1.8506188 | NCOR1P4 | NCOR1 pseudogene 4 | NA |
| -0.5848611 | 5.9847304 | -4.1347035 | 0.0002052 | 0.0002114 | -0.7300331 | MIR454 | microRNA 454 | ENSG00000211514 |
| -0.5845631 | 6.0431288 | -6.4013587 | 2.09E-07 | 3.24E-07 | 6.1038836 | BUD31P2 | BUD31 homolog pseudogene 2 | NA |
| -0.5843955 | 6.7161212 | -14.249462 | 2.61E-16 | 1.50E-14 | 26.847795 | GABRQ | gamma-aminobutyric acid type A receptor subunit theta | ENSG00000268089 |
| -0.5843769 | 7.199373 | -5.8249685 | 1.22E-06 | 1.61E-06 | 4.3388605 | SYT14 | synaptotagmin 14 | ENSG00000143469 |
| -0.5843004 | 6.9224852 | -7.3900676 | 1.06E-08 | 2.24E-08 | 9.0994577 | NGLY1 | N-glycanase 1 | ENSG00000151092 |
| -0.5839746 | 9.6978935 | -4.530657 | 6.32E-05 | 6.70E-05 | 0.423318 | RPS15AP1 | ribosomal protein S15a pseudogene 1 | ENSG00000214535 |
| -0.5838388 | 8.7212827 | -4.5866218 | 5.35E-05 | 5.71E-05 | 0.5887901 | ACADM | acyl-CoA dehydrogenase medium chain | ENSG00000117054 |
| -0.5837696 | 7.6881767 | -4.9573849 | 1.74E-05 | 1.96E-05 | 1.6969017 | RPSAP15 | ribosomal protein SA pseudogene 15 | ENSG00000237506 |
| -0.5837572 | 5.9776228 | -14.539528 | 1.41E-16 | 9.54E-15 | 27.47341 | RNF217 | ring finger protein 217 | ENSG00000146373 |
| -0.5837404 | 8.9278745 | -7.9288985 | 2.18E-09 | 5.63E-09 | 10.699523 | CTSC | cathepsin C | ENSG00000109861 |
| -0.5833759 | 7.0323931 | -5.0192337 | 1.44E-05 | 1.65E-05 | 1.8834369 | RNU6-1104P | RNA, U6 small nuclear 1104, pseudogene | ENSG00000207454 |
| -0.5831867 | 6.1954436 | -18.051641 | 1.53E-19 | 5.70E-17 | 34.385439 | DOCK3 | dedicator of cytokinesis 3 | ENSG00000088538 |
| -0.5831553 | 6.4162094 | -3.8495181 | 0.0004704 | 0.0004749 | -1.5376477 | LOC107986468 | uncharacterized LOC107986468 | NA |
| -0.5831007 | 7.9755608 | -9.8704848 | 9.52E-12 | 5.96E-11 | 16.194375 | KMT5B | lysine methyltransferase 5B | ENSG00000110066 |
| -0.5830937 | 7.8676085 | -6.2782512 | 3.05E-07 | 4.56E-07 | 5.7273688 | LZIC | leucine zipper and CTNNBIP1 domain containing | ENSG00000162441 |
| -0.5829596 | 6.04889 | -15.088119 | 4.49E-17 | 4.18E-15 | 28.632143 | SPINK5 | serine peptidase inhibitor Kazal type 5 | ENSG00000133710 |
| -0.5827794 | 9.4814421 | -9.1416207 | 6.92E-11 | 2.96E-10 | 14.185654 | CCNB1IP1 | cyclin B1 interacting protein 1 | ENSG00000100814 |
| -0.5826842 | 7.2356554 | -7.4532094 | 8.82E-09 | 1.90E-08 | 9.2883617 | LOC101927365 | uncharacterized LOC101927365 | NA |
| -0.5825732 | 7.6841049 | -7.3574157 | 1.17E-08 | 2.43E-08 | 9.0016358 | IFNGR1 | interferon gamma receptor 1 | ENSG00000027697 |
| -0.5824153 | 7.8981983 | -8.0686732 | 1.45E-09 | 3.91E-09 | 11.109847 | LNPK | lunapark, ER junction formation factor | ENSG00000144320 |
| -0.5820987 | 9.0674745 | -6.843178 | 5.48E-08 | 9.67E-08 | 7.4500406 | LOC728533 | IST1 homolog | NA |
| -0.5813043 | 9.6938807 | -8.7822467 | 1.89E-10 | 6.66E-10 | 13.170664 | PRPS1 | phosphoribosyl pyrophosphate synthetase 1 | ENSG00000147224 |
| -0.5810266 | 6.2467827 | -15.575656 | 1.67E-17 | 2.07E-15 | 29.63587 | GVQW3 | GVQW motif containing 3 | ENSG00000179240 |
| -0.5809438 | 7.5852092 | -8.4051309 | 5.50E-10 | 1.69E-09 | 12.088827 | OIP5 | Opa interacting protein 5 | ENSG00000104147 |
| -0.5808781 | 6.0633482 | -9.2496111 | 5.14E-11 | 2.31E-10 | 14.487527 | STXBP5L | syntaxin binding protein 5 like | ENSG00000145087 |
| -0.5806095 | 6.3788585 | -6.1500308 | 4.51E-07 | 6.45E-07 | 5.334811 | CNTNAP4 | contactin associated protein family member 4 | ENSG00000152910 |
| -0.5802645 | 10.011453 | -6.68889 | 8.74E-08 | 1.47E-07 | 6.9810501 | PNN | pinin, desmosome associated protein | ENSG00000100941 |
| -0.580221 | 6.6612462 | -4.8343847 | 2.53E-05 | 2.81E-05 | 1.3272325 | SNORA33 | small nucleolar RNA, H/ACA box 33 | ENSG00000200534 |
|  |  |  |  |  |  |  |  |  |
| **Genes induced by irradiation in cells transfected with miR1228, upregulated in SK-N-AS cells vs SK-N-DZ cells** | | | | | | | | **AS vs DZ IR** |
| logFC | AveExpr | t | P.Value | adj.P.Val | B | SYMBOL | GENENAME | ENSEMBL |
| 0.5802857 | 12.294495 | 4.7397729 | 3.37E-05 | 3.73E-05 | 1.040945 | PPIB | peptidylprolyl isomerase B | ENSG00000166794 |
| 0.5804738 | 8.4890167 | 5.2933955 | 6.24E-06 | 7.39E-06 | 2.7114014 | POP4 | POP4 homolog, ribonuclease P/MRP subunit | ENSG00000105171 |
| 0.5813165 | 8.232283 | 5.8717704 | 1.06E-06 | 1.38E-06 | 4.4790547 | MRPS23 | mitochondrial ribosomal protein S23 | ENSG00000181610 |
| 0.5816099 | 8.0899876 | 4.4162781 | 8.91E-05 | 9.54E-05 | 0.0836072 | NUDCD1 | NudC domain containing 1 | ENSG00000120526 |
| 0.5816679 | 6.8254761 | 3.3139417 | 0.0021158 | 0.0021256 | -2.9879434 | SUPT4H1P2 | SPT4 homolog, DSIF elongation factor subunit pseudogene 2 | NA |
| 0.582493 | 6.1027433 | 5.3206447 | 5.74E-06 | 6.81E-06 | 2.7943371 | RPL12P33 | ribosomal protein L12 pseudogene 33 | NA |
| 0.5828524 | 9.3793716 | 4.3748001 | 0.0001008 | 0.0001072 | -0.0377889 | PPIAP33 | peptidylprolyl isomerase A pseudogene 33 | NA |
| 0.5832189 | 11.970959 | 6.0556574 | 6.02E-07 | 8.07E-07 | 5.0425238 | SSR2 | signal sequence receptor subunit 2 | ENSG00000163479 |
| 0.5836599 | 7.5786689 | 6.2558738 | 3.27E-07 | 4.61E-07 | 5.6557125 | GPR180 | G protein-coupled receptor 180 | ENSG00000152749 |
| 0.5840899 | 8.1122219 | 6.4346791 | 1.89E-07 | 2.85E-07 | 6.2025471 | CDKN2C | cyclin dependent kinase inhibitor 2C | ENSG00000123080 |
| 0.5849316 | 10.479728 | 8.5642938 | 3.50E-10 | 9.82E-10 | 12.544449 | M6PR | mannose-6-phosphate receptor, cation dependent | ENSG00000003056 |
| 0.5849491 | 6.889786 | 5.4625752 | 3.71E-06 | 4.48E-06 | 3.2270467 | C9orf72 | C9orf72-SMCR8 complex subunit | ENSG00000147894 |
| 0.5858293 | 7.4807829 | 7.0892321 | 2.61E-08 | 4.83E-08 | 8.1917648 | SCP2 | sterol carrier protein 2 | ENSG00000116171 |
| 0.5863349 | 8.6110432 | 8.2451101 | 8.71E-10 | 2.22E-09 | 11.621753 | POGLUT2 | protein O-glucosyltransferase 2 | ENSG00000134901 |
| 0.5865029 | 6.0165818 | 5.9685586 | 7.87E-07 | 1.04E-06 | 4.7756356 | MIR4263 | microRNA 4263 | ENSG00000265321 |
| 0.5869005 | 9.8066382 | 6.9460218 | 4.02E-08 | 7.10E-08 | 7.7587304 | DDX24 | DEAD-box helicase 24 | ENSG00000089737 |
| 0.5870839 | 6.3431944 | 15.051603 | 4.84E-17 | 2.50E-15 | 28.553678 | IL20RA | interleukin 20 receptor subunit alpha | ENSG00000016402 |
| 0.58842 | 5.9126755 | 5.7183618 | 1.69E-06 | 2.15E-06 | 4.0091635 | LOC728755 | uncharacterized LOC728755 | ENSG00000258932 |
| 0.5886501 | 7.6044982 | 13.950594 | 4.98E-16 | 1.41E-14 | 26.19113 | SEPTIN10 | septin 10 | ENSG00000186522 |
| 0.5895779 | 6.1854564 | 13.188841 | 2.69E-15 | 5.49E-14 | 24.47816 | LONRF3 | LON peptidase N-terminal domain and ring finger 3 | ENSG00000175556 |
| 0.5896737 | 7.610985 | 4.9998519 | 1.53E-05 | 1.74E-05 | 1.8217011 | MIR181A1HG | MIR181A1 host gene | NA |
| 0.5904004 | 8.1638289 | 6.6738787 | 9.15E-08 | 1.50E-07 | 6.9322037 | UQCRQ | ubiquinol-cytochrome c reductase complex III subunit VII | ENSG00000164405 |
| 0.5913243 | 5.963639 | 3.7030543 | 0.0007152 | 0.0007286 | -1.9465333 | LOC105379245 | uncharacterized LOC105379245 | NA |
| 0.5913647 | 7.8339704 | 4.4649543 | 7.70E-05 | 8.30E-05 | 0.2264958 | PIBF1 | progesterone immunomodulatory binding factor 1 | ENSG00000083535 |
| 0.5914376 | 7.4885529 | 6.4390285 | 1.87E-07 | 2.82E-07 | 6.2158357 | NCK1 | NCK adaptor protein 1 | ENSG00000158092 |
| 0.5918725 | 7.4401679 | 6.8065108 | 6.12E-08 | 1.05E-07 | 7.3355691 | FAM162A | family with sequence similarity 162 member A | ENSG00000114023 |
| 0.5922263 | 8.9878979 | 6.4360868 | 1.88E-07 | 2.84E-07 | 6.2068481 | UROD | uroporphyrinogen decarboxylase | ENSG00000126088 |
| 0.5927089 | 8.0243427 | 7.1406925 | 2.24E-08 | 4.22E-08 | 8.3470083 | PGM2 | phosphoglucomutase 2 | ENSG00000169299 |
| 0.5929121 | 9.3044931 | 7.7249159 | 3.96E-09 | 8.80E-09 | 10.094012 | GRPEL1 | GrpE like 1, mitochondrial | ENSG00000109519 |
| 0.5933438 | 9.4269422 | 8.9107414 | 1.32E-10 | 4.31E-10 | 13.53241 | METTL3 | methyltransferase like 3 | ENSG00000165819 |
| 0.5940265 | 8.573676 | 11.88002 | 5.74E-14 | 6.03E-13 | 21.375068 | CSTF2 | cleavage stimulation factor subunit 2 | ENSG00000101811 |
| 0.5974764 | 7.5533289 | 8.7508723 | 2.06E-10 | 6.28E-10 | 13.078305 | SLC25A26 | solute carrier family 25 member 26 | ENSG00000144741 |
| 0.5980236 | 5.9916333 | 9.067432 | 8.50E-11 | 3.03E-10 | 13.974453 | TPTE | transmembrane phosphatase with tensin homology | ENSG00000274391 |
| 0.5990459 | 8.0052514 | 8.5869797 | 3.28E-10 | 9.37E-10 | 12.609581 | CENPX | centromere protein X | ENSG00000169689 |
| 0.5990573 | 8.1865913 | 4.0421075 | 0.0002691 | 0.0002794 | -0.9979202 | RPL12P6 | ribosomal protein L12 pseudogene 6 | ENSG00000243824 |
| 0.5998435 | 7.3170367 | 14.457206 | 1.68E-16 | 6.07E-15 | 27.294389 | ERAP1 | endoplasmic reticulum aminopeptidase 1 | ENSG00000164307 |
| 0.6008639 | 8.0367949 | 7.0640796 | 2.82E-08 | 5.16E-08 | 8.1158147 | CUL2 | cullin 2 | ENSG00000108094 |
| 0.6009661 | 10.008946 | 6.2326066 | 3.51E-07 | 4.90E-07 | 5.5844907 | ANLN | anillin actin binding protein | ENSG00000011426 |
| 0.6027988 | 7.1221473 | 4.6891067 | 3.93E-05 | 4.33E-05 | 0.8898871 | AIDAP1 | AIDA pseudogene 1 | NA |
| 0.6041799 | 10.683183 | 10.847439 | 7.43E-13 | 5.00E-12 | 18.776531 | TMEM50A | transmembrane protein 50A | ENSG00000183726 |
| 0.6043045 | 6.6900024 | 6.1407878 | 4.64E-07 | 6.33E-07 | 5.303323 | TAF1A | TATA-box binding protein associated factor, RNA polymerase I subunit A | ENSG00000143498 |
| 0.6047647 | 6.2452003 | 4.2095159 | 0.0001646 | 0.0001728 | -0.5179782 | LOC107986659 | uncharacterized LOC107986659 | NA |
| 0.6049688 | 8.2315225 | 6.1744816 | 4.19E-07 | 5.80E-07 | 5.4065179 | BEX1 | brain expressed X-linked 1 | ENSG00000133169 |
| 0.6049914 | 7.961913 | 3.3783357 | 0.0017738 | 0.0017875 | -2.8195866 | RPS26P35 | ribosomal protein S26 pseudogene 35 | NA |
| 0.6051093 | 8.3395191 | 6.8470519 | 5.42E-08 | 9.39E-08 | 7.4586626 | COG2 | component of oligomeric golgi complex 2 | ENSG00000135775 |
| 0.6069178 | 8.1791117 | 9.7992272 | 1.15E-11 | 5.29E-11 | 15.998081 | RIOX2 | ribosomal oxygenase 2 | ENSG00000170854 |
| 0.6073469 | 7.4013173 | 5.4496913 | 3.86E-06 | 4.65E-06 | 3.1877214 | ASS1P2 | argininosuccinate synthetase 1 pseudogene 2 | ENSG00000223922 |
| 0.6075939 | 8.8826325 | 3.9108619 | 0.0003941 | 0.0004053 | -1.3691077 | ZWILCH | zwilch kinetochore protein | ENSG00000174442 |
| 0.6081128 | 5.9986146 | 3.8351869 | 0.0004902 | 0.0005017 | -1.5809124 | LOC107984129 | uncharacterized LOC107984129 | NA |
| 0.6088774 | 5.9395446 | 11.71702 | 8.52E-14 | 8.17E-13 | 20.973872 | KDELR3 | KDEL endoplasmic reticulum protein retention receptor 3 | ENSG00000100196 |
| 0.6098331 | 6.8555291 | 6.5223061 | 1.45E-07 | 2.24E-07 | 6.4701342 | ZNF684 | zinc finger protein 684 | ENSG00000117010 |
| 0.6098914 | 7.0184146 | 5.2624548 | 6.86E-06 | 8.11E-06 | 2.6172918 | CA5B | carbonic anhydrase 5B | ENSG00000169239 |
| 0.6110066 | 7.9297034 | 6.5026242 | 1.54E-07 | 2.35E-07 | 6.4100579 | MIER1 | MIER1 transcriptional regulator | ENSG00000198160 |
| 0.6116773 | 9.4163267 | 5.9558773 | 8.18E-07 | 1.08E-06 | 4.7367757 | H2BC9 | H2B clustered histone 9 | ENSG00000275713 |
| 0.6117291 | 8.8136532 | 4.1024222 | 0.0002255 | 0.000236 | -0.8258023 | SNORD45C | small nucleolar RNA, C/D box 45C | ENSG00000206620 |
| 0.6117377 | 7.8515588 | 6.5125825 | 1.49E-07 | 2.30E-07 | 6.4404562 | VDAC1P2 | voltage dependent anion channel 1 pseudogene 2 | NA |
| 0.6120351 | 6.356426 | 10.989606 | 5.18E-13 | 3.82E-12 | 19.142402 | MPP4 | membrane palmitoylated protein 4 | ENSG00000082126 |
| 0.6123858 | 8.9458781 | 7.9961289 | 1.79E-09 | 4.28E-09 | 10.894086 | UTP25 | UTP25 small subunit processor component | ENSG00000117597 |
| 0.6126825 | 9.3452061 | 7.3845104 | 1.08E-08 | 2.18E-08 | 9.0797151 | IVNS1ABP | influenza virus NS1A binding protein | ENSG00000116679 |
| 0.6128462 | 8.7942383 | 5.805264 | 1.30E-06 | 1.66E-06 | 4.2753026 | FRG1 | FSHD region gene 1 | ENSG00000109536 |
| 0.6140544 | 7.4472242 | 7.8008194 | 3.17E-09 | 7.26E-09 | 10.318678 | C1orf131 | chromosome 1 open reading frame 131 | ENSG00000143633 |
| 0.6144706 | 5.9112097 | 6.0365103 | 6.39E-07 | 8.52E-07 | 4.9838565 | RNASE4 | ribonuclease A family member 4 | ENSG00000258818 |
| 0.6150198 | 11.135646 | 7.0077566 | 3.34E-08 | 5.99E-08 | 7.9455779 | NEDD8 | NEDD8 ubiquitin like modifier | ENSG00000129559 |
| 0.6150221 | 8.9080655 | 4.991918 | 1.57E-05 | 1.77E-05 | 1.7977657 | AIMP1 | aminoacyl tRNA synthetase complex interacting multifunctional protein 1 | ENSG00000164022 |
| 0.615643 | 8.8779317 | 5.8205276 | 1.24E-06 | 1.59E-06 | 4.3220604 | SPTLC1 | serine palmitoyltransferase long chain base subunit 1 | ENSG00000090054 |
| 0.6159758 | 7.6412342 | 6.2956172 | 2.89E-07 | 4.13E-07 | 5.7773386 | LMBRD2 | LMBR1 domain containing 2 | ENSG00000164187 |
| 0.6162129 | 8.8128619 | 6.4224185 | 1.96E-07 | 2.94E-07 | 6.1650833 | NIFK | nucleolar protein interacting with the FHA domain of MKI67 | ENSG00000155438 |
| 0.6166788 | 9.5282221 | 8.5151481 | 4.02E-10 | 1.11E-09 | 12.403144 | IDH3A | isocitrate dehydrogenase (NAD(+)) 3 catalytic subunit alpha | ENSG00000166411 |
| 0.6181377 | 8.0504359 | 6.3788816 | 2.24E-07 | 3.31E-07 | 6.0320095 | LOC100101126 | thioredoxin related transmembrane protein 1 pseudogene | NA |
| 0.6190274 | 7.8499437 | 7.5605562 | 6.42E-09 | 1.36E-08 | 9.6056106 | MYL12B | myosin light chain 12B | ENSG00000118680 |
| 0.6204675 | 8.4331655 | 4.6382543 | 4.58E-05 | 5.01E-05 | 0.7386618 | UGP2 | UDP-glucose pyrophosphorylase 2 | ENSG00000169764 |
| 0.6208821 | 7.9135791 | 6.6915993 | 8.67E-08 | 1.43E-07 | 6.9861515 | TBCK | TBC1 domain containing kinase | ENSG00000145348 |
| 0.6215242 | 9.4102676 | 4.8080032 | 2.74E-05 | 3.06E-05 | 1.2449437 | MAGOH | mago homolog, exon junction complex subunit | ENSG00000162385 |
| 0.6216539 | 6.0082788 | 4.3993586 | 9.37E-05 | 9.98E-05 | 0.034047 | LOC107986736 | uncharacterized LOC107986736 | NA |
| 0.6217575 | 7.9164581 | 7.0462982 | 2.97E-08 | 5.40E-08 | 8.0620947 | CHMP4A | charged multivesicular body protein 4A | ENSG00000254505 |
| 0.6229361 | 6.5554249 | 7.2067677 | 1.84E-08 | 3.52E-08 | 8.5460456 | FZD7 | frizzled class receptor 7 | ENSG00000155760 |
| 0.6262904 | 8.611697 | 10.521371 | 1.72E-12 | 1.05E-11 | 17.927509 | PDSS1 | decaprenyl diphosphate synthase subunit 1 | ENSG00000148459 |
| 0.6267621 | 6.8663696 | 4.8046872 | 2.77E-05 | 3.08E-05 | 1.2350146 | PSPHP1 | phosphoserine phosphatase pseudogene 1 | NA |
| 0.6269308 | 11.615924 | 3.7612349 | 0.000606 | 0.0006183 | -1.7862236 | TMSB4X | thymosin beta 4 X-linked | ENSG00000205542 |
| 0.6271997 | 10.186859 | 4.9340968 | 1.87E-05 | 2.10E-05 | 1.6235341 | SEC61G | SEC61 translocon subunit gamma | ENSG00000132432 |
| 0.6301278 | 7.5589386 | 6.2447611 | 3.38E-07 | 4.74E-07 | 5.6216975 | ANKMY2 | ankyrin repeat and MYND domain containing 2 | ENSG00000106524 |
| 0.6301978 | 6.8991029 | 7.6173066 | 5.43E-09 | 1.17E-08 | 9.7745372 | ELAC1 | elaC ribonuclease Z 1 | ENSG00000141642 |
| 0.6303699 | 6.9196857 | 9.0173538 | 9.77E-11 | 3.40E-10 | 13.833506 | MIR503HG | MIR503 host gene | NA |
| 0.6305097 | 8.541798 | 6.0020816 | 7.10E-07 | 9.43E-07 | 4.8783604 | CYB5A | cytochrome b5 type A | ENSG00000166347 |
| 0.6312565 | 7.154909 | 6.2212779 | 3.63E-07 | 5.06E-07 | 5.5498088 | TMEM99 | transmembrane protein 99 (putative) | ENSG00000167920 |
| 0.6318558 | 10.398861 | 5.0837467 | 1.18E-05 | 1.36E-05 | 2.0751937 | ATP5PD | ATP synthase peripheral stalk subunit d | ENSG00000167863 |
| 0.6350997 | 7.4095683 | 9.3088339 | 4.36E-11 | 1.71E-10 | 14.649502 | GNG2 | G protein subunit gamma 2 | ENSG00000186469 |
| 0.6356926 | 8.6379099 | 4.4931917 | 7.08E-05 | 7.66E-05 | 0.3095898 | UBLCP1 | ubiquitin like domain containing CTD phosphatase 1 | ENSG00000164332 |
| 0.635795 | 7.9202548 | 3.9778743 | 0.0003245 | 0.0003353 | -1.1801737 | MTBP | MDM2 binding protein | ENSG00000172167 |
| 0.6393116 | 7.8858548 | 5.6552241 | 2.06E-06 | 2.55E-06 | 3.8159062 | TMA16 | translation machinery associated 16 homolog | ENSG00000198498 |
| 0.6400235 | 8.6382158 | 5.8643597 | 1.08E-06 | 1.40E-06 | 4.4563488 | WASHC4 | WASH complex subunit 4 | ENSG00000136051 |
| 0.641312 | 7.5436382 | 9.9655109 | 7.39E-12 | 3.62E-11 | 16.448349 | ARHGAP12 | Rho GTPase activating protein 12 | ENSG00000165322 |
| 0.6418148 | 9.2611917 | 5.4367168 | 4.02E-06 | 4.82E-06 | 3.1481282 | PAK1IP1 | PAK1 interacting protein 1 | ENSG00000111845 |
| 0.6419567 | 8.0674202 | 6.8746958 | 4.98E-08 | 8.66E-08 | 7.5425392 | TRAPPC4 | trafficking protein particle complex 4 | ENSG00000196655 |
| 0.6424049 | 5.7267822 | 12.082236 | 3.53E-14 | 3.97E-13 | 21.86817 | CCL28 | C-C motif chemokine ligand 28 | ENSG00000151882 |
| 0.6424424 | 7.601043 | 7.6577785 | 4.82E-09 | 1.05E-08 | 9.8948225 | RIPK2 | receptor interacting serine/threonine kinase 2 | ENSG00000104312 |
| 0.6437255 | 7.5878079 | 8.2886657 | 7.68E-10 | 2.00E-09 | 11.748348 | METTL23 | methyltransferase like 23 | ENSG00000181038 |
| 0.6442573 | 7.2219604 | 6.7416699 | 7.45E-08 | 1.26E-07 | 7.1384945 | PRMT9 | protein arginine methyltransferase 9 | ENSG00000164169 |
| 0.6442965 | 6.4320213 | 5.0866919 | 1.17E-05 | 1.36E-05 | 2.0841053 | ARL6 | ADP ribosylation factor like GTPase 6 | ENSG00000113966 |
| 0.645692 | 7.3178684 | 4.4361885 | 8.39E-05 | 9.02E-05 | 0.1419997 | GNPDA2 | glucosamine-6-phosphate deaminase 2 | ENSG00000163281 |
| 0.6459418 | 8.7321137 | 8.2143094 | 9.52E-10 | 2.41E-09 | 11.532103 | NEDD1 | NEDD1 gamma-tubulin ring complex targeting factor | ENSG00000139350 |
| 0.6465097 | 10.709155 | 5.1546768 | 9.53E-06 | 1.11E-05 | 2.2900345 | NOP10 | NOP10 ribonucleoprotein | ENSG00000182117 |
| 0.6471487 | 7.9697389 | 7.438463 | 9.22E-09 | 1.89E-08 | 9.241179 | EXOC1 | exocyst complex component 1 | ENSG00000090989 |
| 0.6479028 | 9.8941601 | 3.9923755 | 0.0003111 | 0.0003225 | -1.1391253 | RPS26P43 | ribosomal protein S26 pseudogene 43 | NA |
| 0.6479701 | 7.8749755 | 4.2409532 | 0.00015 | 0.0001577 | -0.4271054 | MRPS36P1 | mitochondrial ribosomal protein S36 pseudogene 1 | NA |
| 0.6483939 | 8.4382574 | 7.2105666 | 1.82E-08 | 3.49E-08 | 8.5574784 | UTP14A | UTP14A small subunit processome component | ENSG00000156697 |
| 0.648892 | 7.6584799 | 6.2953623 | 2.89E-07 | 4.13E-07 | 5.7765586 | WDR35 | WD repeat domain 35 | ENSG00000118965 |
| 0.6493058 | 8.0846926 | 4.8588238 | 2.35E-05 | 2.63E-05 | 1.3972931 | CENPE | centromere protein E | ENSG00000138778 |
| 0.6494588 | 7.0726128 | 5.9259864 | 8.96E-07 | 1.18E-06 | 4.6451808 | RPL10P7 | ribosomal protein L10 pseudogene 7 | ENSG00000242052 |
| 0.6504914 | 10.306518 | 12.116917 | 3.25E-14 | 3.71E-13 | 21.952228 | PGK1 | phosphoglycerate kinase 1 | ENSG00000102144 |
| 0.6515686 | 5.5202249 | 3.6101415 | 0.0009304 | 0.0009434 | -2.2002135 | USP12PY | USP12 pseudogene Y-linked | NA |
| 0.6539291 | 9.0235105 | 5.8866493 | 1.01E-06 | 1.32E-06 | 4.5246442 | RBM34 | RNA binding motif protein 34 | ENSG00000188739 |
| 0.6540316 | 8.673237 | 6.558787 | 1.30E-07 | 2.03E-07 | 6.581443 | LOC442517 | ATP binding cassette subfamily E member 1 pseudogene | ENSG00000224785 |
| 0.6545487 | 7.7121272 | 7.099455 | 2.53E-08 | 4.72E-08 | 8.2226207 | CALCOCO2 | calcium binding and coiled-coil domain 2 | ENSG00000136436 |
| 0.6548561 | 7.0107643 | 4.7820671 | 2.96E-05 | 3.29E-05 | 1.1673234 | RPL36AP50 | ribosomal protein L36a pseudogene 50 | NA |
| 0.6553487 | 7.9842804 | 4.4536477 | 7.97E-05 | 8.57E-05 | 0.1932654 | MIR181B1 | microRNA 181b-1 | ENSG00000207975 |
| 0.6577631 | 7.9012317 | 8.0318554 | 1.61E-09 | 3.90E-09 | 10.998911 | MIEN1 | migration and invasion enhancer 1 | ENSG00000141741 |
| 0.6601496 | 6.2618256 | 8.3070216 | 7.29E-10 | 1.91E-09 | 11.801635 | GBP2 | guanylate binding protein 2 | ENSG00000162645 |
| 0.661223 | 6.9191512 | 4.1802549 | 0.0001794 | 0.0001881 | -0.602356 | FPGT | fucose-1-phosphate guanylyltransferase | ENSG00000254685 |
| 0.6613483 | 8.9044136 | 6.5775344 | 1.23E-07 | 1.94E-07 | 6.6386214 | WDR3 | WD repeat domain 3 | ENSG00000065183 |
| 0.6627703 | 8.6554842 | 6.5820876 | 1.21E-07 | 1.92E-07 | 6.652506 | ERP44 | endoplasmic reticulum protein 44 | ENSG00000023318 |
| 0.662856 | 9.6411936 | 4.7265578 | 3.51E-05 | 3.87E-05 | 1.001509 | SUPT4H1 | SPT4 homolog, DSIF elongation factor subunit | ENSG00000213246 |
| 0.6629594 | 6.9855761 | 8.5269799 | 3.89E-10 | 1.07E-09 | 12.437189 | MGST2 | microsomal glutathione S-transferase 2 | ENSG00000085871 |
| 0.6637356 | 9.196971 | 11.113277 | 3.79E-13 | 2.98E-12 | 19.458553 | UBE4A | ubiquitination factor E4A | ENSG00000110344 |
| 0.6644873 | 8.8544537 | 10.364978 | 2.58E-12 | 1.53E-11 | 17.515399 | ATG3 | autophagy related 3 | ENSG00000144848 |
| 0.6650827 | 11.921973 | 9.0371789 | 9.25E-11 | 3.26E-10 | 13.889342 | RPS25 | ribosomal protein S25 | ENSG00000118181 |
| 0.6655377 | 8.6258252 | 9.2070654 | 5.78E-11 | 2.14E-10 | 14.36581 | ADSS2 | adenylosuccinate synthase 2 | ENSG00000035687 |
| 0.6661662 | 7.7883698 | 6.5374926 | 1.38E-07 | 2.15E-07 | 6.5164776 | MICOS10 | mitochondrial contact site and cristae organizing system subunit 10 | ENSG00000173436 |
| 0.6698564 | 7.4615888 | 10.769726 | 9.06E-13 | 5.79E-12 | 18.57543 | DYRK3 | dual specificity tyrosine phosphorylation regulated kinase 3 | ENSG00000143479 |
| 0.6700345 | 8.6785061 | 5.4767713 | 3.56E-06 | 4.31E-06 | 3.2703864 | LOC644462 | STE20 related adaptor beta pseudogene | NA |
| 0.6701172 | 9.6830351 | 6.2696509 | 3.13E-07 | 4.43E-07 | 5.6978787 | ABCE1 | ATP binding cassette subfamily E member 1 | ENSG00000164163 |
| 0.6704828 | 7.4513597 | 6.6281833 | 1.05E-07 | 1.69E-07 | 6.7930163 | PIGF | phosphatidylinositol glycan anchor biosynthesis class F | ENSG00000151665 |
| 0.671199 | 9.4800454 | 6.1456371 | 4.57E-07 | 6.25E-07 | 5.3181761 | RPL13AP5 | ribosomal protein L13a pseudogene 5 | ENSG00000236552 |
| 0.6717361 | 9.7653401 | 9.9778181 | 7.15E-12 | 3.53E-11 | 16.481532 | RAB10 | RAB10, member RAS oncogene family | ENSG00000084733 |
| 0.6736739 | 6.643013 | 5.8691909 | 1.07E-06 | 1.39E-06 | 4.4711511 | PIGB | phosphatidylinositol glycan anchor biosynthesis class B | ENSG00000069943 |
| 0.6741647 | 8.510914 | 5.690324 | 1.85E-06 | 2.32E-06 | 3.9233306 | CEBPZ | CCAAT enhancer binding protein zeta | ENSG00000115816 |
| 0.6761315 | 9.159815 | 6.0713452 | 5.74E-07 | 7.73E-07 | 5.0905898 | SLC30A9 | solute carrier family 30 member 9 | ENSG00000014824 |
| 0.6781714 | 10.620013 | 5.441767 | 3.96E-06 | 4.75E-06 | 3.1635385 | RPS11P5 | ribosomal protein S11 pseudogene 5 | ENSG00000232888 |
| 0.679587 | 8.1297449 | 5.5792323 | 2.60E-06 | 3.19E-06 | 3.5834579 | METTL14 | methyltransferase like 14 | ENSG00000145388 |
| 0.6814871 | 8.6549241 | 8.9262261 | 1.26E-10 | 4.19E-10 | 13.576229 | DPY19L1 | dpy-19 like C-mannosyltransferase 1 | ENSG00000173852 |
| 0.6818063 | 8.7845622 | 3.8339779 | 0.0004919 | 0.0005027 | -1.5842824 | GMFB | glia maturation factor beta | ENSG00000197045 |
| 0.682786 | 6.2040881 | 8.6149937 | 3.03E-10 | 8.69E-10 | 12.689925 | GLIPR1 | GLI pathogenesis related 1 | ENSG00000139278 |
| 0.6841542 | 9.6585418 | 6.2535648 | 3.29E-07 | 4.63E-07 | 5.648645 | LAMTOR5 | late endosomal/lysosomal adaptor, MAPK and MTOR activator 5 | ENSG00000134248 |
| 0.6850497 | 6.4862977 | 9.0165218 | 9.80E-11 | 3.40E-10 | 13.831162 | PLEKHF2 | pleckstrin homology and FYVE domain containing 2 | ENSG00000175895 |
| 0.6874697 | 10.224389 | 7.310962 | 1.35E-08 | 2.66E-08 | 8.8592042 | RPS26P20 | ribosomal protein S26 pseudogene 20 | NA |
| 0.6877712 | 7.9994721 | 4.9041483 | 2.05E-05 | 2.30E-05 | 1.5334396 | COX7C | cytochrome c oxidase subunit 7C | ENSG00000127184 |
| 0.6880288 | 7.8414699 | 5.695166 | 1.82E-06 | 2.29E-06 | 3.9381523 | EXTL2 | exostosin like glycosyltransferase 2 | ENSG00000162694 |
| 0.6880739 | 7.7974672 | 5.6643366 | 2.00E-06 | 2.49E-06 | 3.8437922 | SNAPC1 | small nuclear RNA activating complex polypeptide 1 | ENSG00000023608 |
| 0.6887207 | 10.332041 | 8.0317943 | 1.61E-09 | 3.90E-09 | 10.998732 | VDAC1P1 | voltage dependent anion channel 1 pseudogene 1 | NA |
| 0.6891836 | 9.1684176 | 7.6435722 | 5.03E-09 | 1.09E-08 | 9.8526182 | MRPL58 | mitochondrial ribosomal protein L58 | ENSG00000167862 |
| 0.6938752 | 10.266894 | 6.286003 | 2.98E-07 | 4.23E-07 | 5.74792 | COX6B1 | cytochrome c oxidase subunit 6B1 | ENSG00000126267 |
| 0.6952507 | 7.604444 | 4.6886037 | 3.93E-05 | 4.33E-05 | 0.8883895 | SNORA16A | small nucleolar RNA, H/ACA box 16A | ENSG00000280498 |
| 0.6955389 | 8.8464634 | 5.7845518 | 1.38E-06 | 1.76E-06 | 4.2118592 | CACYBPP2 | calcyclin binding protein pseudogene 2 | NA |
| 0.6955491 | 10.480763 | 9.0208159 | 9.68E-11 | 3.39E-10 | 13.84326 | UQCRH | ubiquinol-cytochrome c reductase hinge protein | ENSG00000173660 |
| 0.695975 | 6.9291115 | 7.0897489 | 2.61E-08 | 4.83E-08 | 8.193325 | MAP9 | microtubule associated protein 9 | ENSG00000164114 |
| 0.6960423 | 8.1930241 | 6.2871665 | 2.97E-07 | 4.22E-07 | 5.7514803 | SPCS1 | signal peptidase complex subunit 1 | ENSG00000114902 |
| 0.6985906 | 8.8059517 | 6.7246348 | 7.84E-08 | 1.32E-07 | 7.0866795 | LSM1 | LSM1 homolog, mRNA degradation associated | ENSG00000175324 |
| 0.6995446 | 8.7915402 | 6.3567389 | 2.40E-07 | 3.52E-07 | 5.9643047 | SNRPD2 | small nuclear ribonucleoprotein D2 polypeptide | ENSG00000125743 |
| 0.7006092 | 8.6752481 | 4.6037088 | 5.08E-05 | 5.54E-05 | 0.6361622 | KRR1 | KRR1 small subunit processome component homolog | ENSG00000111615 |
| 0.7019521 | 7.6692894 | 5.6418369 | 2.14E-06 | 2.65E-06 | 3.7749433 | HSPA14 | heat shock protein family A (Hsp70) member 14 | ENSG00000187522 |
| 0.7026608 | 8.5702522 | 10.986895 | 5.22E-13 | 3.82E-12 | 19.135449 | SNHG12 | small nucleolar RNA host gene 12 | ENSG00000197989 |
| 0.7037175 | 9.011448 | 9.9438259 | 7.83E-12 | 3.78E-11 | 16.389832 | POLR2H | RNA polymerase II, I and III subunit H | ENSG00000163882 |
| 0.7038029 | 7.9272368 | 10.058675 | 5.77E-12 | 3.03E-11 | 16.699057 | NDFIP2 | Nedd4 family interacting protein 2 | ENSG00000102471 |
| 0.7038667 | 8.9211115 | 6.3831474 | 2.21E-07 | 3.27E-07 | 6.045051 | PHAX | phosphorylated adaptor for RNA export | ENSG00000164902 |
| 0.7043849 | 7.7890886 | 4.6327082 | 4.65E-05 | 5.08E-05 | 0.7221933 | RPS26P32 | ribosomal protein S26 pseudogene 32 | NA |
| 0.704593 | 7.7929945 | 9.5311145 | 2.38E-11 | 1.02E-10 | 15.26458 | NDUFA3 | NADH:ubiquinone oxidoreductase subunit A3 | ENSG00000170906 |
| 0.7064088 | 5.7924016 | 12.849567 | 5.84E-15 | 9.28E-14 | 23.693596 | HPGD | 15-hydroxyprostaglandin dehydrogenase | ENSG00000164120 |
| 0.7070583 | 6.1414388 | 7.2270754 | 1.73E-08 | 3.34E-08 | 8.6071493 | SHQ1P1 | SHQ1, H/ACA ribonucleoprotein assembly factor pseudogene 1 | NA |
| 0.7077004 | 5.8445028 | 6.0678002 | 5.80E-07 | 7.80E-07 | 5.0797285 | LOC105378429 | uncharacterized LOC105378429 | ENSG00000286981 |
| 0.7081598 | 6.0567828 | 8.1512878 | 1.14E-09 | 2.87E-09 | 11.348343 | UTS2 | urotensin 2 | ENSG00000049247 |
| 0.711542 | 8.0532902 | 5.0117988 | 1.47E-05 | 1.68E-05 | 1.857756 | TCEAL9 | transcription elongation factor A like 9 | ENSG00000185222 |
| 0.7139875 | 6.5671744 | 12.121511 | 3.21E-14 | 3.71E-13 | 21.963352 | TFPI2 | tissue factor pathway inhibitor 2 | ENSG00000105825 |
| 0.7145849 | 9.8307682 | 7.7989399 | 3.18E-09 | 7.26E-09 | 10.313122 | SPCS3 | signal peptidase complex subunit 3 | ENSG00000129128 |
| 0.7148984 | 7.9112511 | 7.6692445 | 4.66E-09 | 1.03E-08 | 9.9288717 | LYAR | Ly1 antibody reactive | ENSG00000145220 |
| 0.7150343 | 9.077463 | 6.3091741 | 2.77E-07 | 3.99E-07 | 5.818817 | BOLA3 | bolA family member 3 | ENSG00000163170 |
| 0.7161698 | 8.4967287 | 5.66846 | 1.97E-06 | 2.46E-06 | 3.8564112 | HADHB | hydroxyacyl-CoA dehydrogenase trifunctional multienzyme complex subunit beta | ENSG00000138029 |
| 0.7170513 | 8.8373592 | 8.2812222 | 7.85E-10 | 2.04E-09 | 11.726728 | CYSTM1 | cysteine rich transmembrane module containing 1 | ENSG00000120306 |
| 0.7177953 | 9.8271123 | 6.9302192 | 4.21E-08 | 7.41E-08 | 7.7108607 | ATP5MD | ATP synthase membrane subunit DAPIT | ENSG00000173915 |
| 0.7179387 | 9.3456985 | 5.6524466 | 2.07E-06 | 2.57E-06 | 3.807407 | UBA3 | ubiquitin like modifier activating enzyme 3 | ENSG00000144744 |
| 0.7183703 | 8.0537957 | 7.438585 | 9.21E-09 | 1.89E-08 | 9.2415439 | USP12 | ubiquitin specific peptidase 12 | ENSG00000152484 |
| 0.7206195 | 9.0648272 | 6.3446409 | 2.49E-07 | 3.63E-07 | 5.9273066 | GNPAT | glyceronephosphate O-acyltransferase | ENSG00000116906 |
| 0.7216911 | 8.6347887 | 6.7586404 | 7.08E-08 | 1.20E-07 | 7.190097 | CD46 | CD46 molecule | ENSG00000117335 |
| 0.723039 | 8.5475618 | 5.4665458 | 3.67E-06 | 4.44E-06 | 3.2391677 | HSPB11 | heat shock protein family B (small) member 11 | ENSG00000081870 |
| 0.7256812 | 7.9404499 | 6.2044189 | 3.82E-07 | 5.30E-07 | 5.4981913 | NOC3L | NOC3 like DNA replication regulator | ENSG00000173145 |
| 0.7259003 | 8.4627389 | 6.6467703 | 9.93E-08 | 1.62E-07 | 6.8496444 | MRPS22 | mitochondrial ribosomal protein S22 | ENSG00000175110 |
| 0.7288037 | 7.3371019 | 4.0583622 | 0.0002566 | 0.0002668 | -0.9516267 | SNORD45B | small nucleolar RNA, C/D box 45B | ENSG00000201487 |
| 0.7293806 | 8.0132869 | 9.5302581 | 2.38E-11 | 1.02E-10 | 15.262222 | GDAP2 | ganglioside induced differentiation associated protein 2 | ENSG00000196505 |
| 0.7308069 | 6.8973555 | 8.3824562 | 5.87E-10 | 1.56E-09 | 12.020223 | TIFA | TRAF interacting protein with forkhead associated domain | ENSG00000145365 |
| 0.7317648 | 8.7832958 | 7.809832 | 3.08E-09 | 7.10E-09 | 10.345316 | USO1 | USO1 vesicle transport factor | ENSG00000138768 |
| 0.7322504 | 6.9203072 | 10.727954 | 1.01E-12 | 6.32E-12 | 18.467012 | TSEN15 | tRNA splicing endonuclease subunit 15 | ENSG00000198860 |
| 0.7323937 | 7.5876047 | 5.0025837 | 1.52E-05 | 1.73E-05 | 1.8299442 | MRPL13 | mitochondrial ribosomal protein L13 | ENSG00000172172 |
| 0.7324299 | 8.7171424 | 7.490377 | 7.90E-09 | 1.66E-08 | 9.3962997 | GPN1 | GPN-loop GTPase 1 | ENSG00000198522 |
| 0.7327687 | 7.076881 | 7.6484778 | 4.95E-09 | 1.08E-08 | 9.867194 | MT1XP1 | metallothionein 1X pseudogene 1 | NA |
| 0.7339725 | 7.1087612 | 6.0747712 | 5.68E-07 | 7.69E-07 | 5.1010864 | ATG4A | autophagy related 4A cysteine peptidase | ENSG00000101844 |
| 0.7360764 | 7.4575091 | 5.6951516 | 1.82E-06 | 2.29E-06 | 3.938108 | ZBTB41 | zinc finger and BTB domain containing 41 | ENSG00000177888 |
| 0.7365873 | 10.253011 | 9.1600032 | 6.58E-11 | 2.41E-10 | 14.234179 | VMP1 | vacuole membrane protein 1 | ENSG00000062716 |
| 0.7366301 | 7.9822092 | 7.0530357 | 2.91E-08 | 5.32E-08 | 8.0824523 | LOC100288211 | PPPDE peptidase domain containing 1 pseudogene | NA |
| 0.7371736 | 7.535678 | 6.5950769 | 1.16E-07 | 1.85E-07 | 6.6921106 | RAB3IP | RAB3A interacting protein | ENSG00000127328 |
| 0.7386981 | 9.6910527 | 8.4593402 | 4.71E-10 | 1.29E-09 | 12.242342 | REEP5 | receptor accessory protein 5 | ENSG00000129625 |
| 0.7393594 | 6.4113024 | 6.3149873 | 2.73E-07 | 3.94E-07 | 5.8366017 | PLN | phospholamban | ENSG00000198523 |
| 0.7413638 | 7.5621142 | 10.178321 | 4.21E-12 | 2.27E-11 | 17.01938 | RCOR3 | REST corepressor 3 | ENSG00000117625 |
| 0.7426394 | 6.1764772 | 12.03235 | 3.98E-14 | 4.39E-13 | 21.746995 | IFIT3 | interferon induced protein with tetratricopeptide repeats 3 | ENSG00000119917 |
| 0.7428831 | 7.5462662 | 5.0850899 | 1.18E-05 | 1.36E-05 | 2.0792579 | LRRCC1 | leucine rich repeat and coiled-coil centrosomal protein 1 | ENSG00000133739 |
| 0.7443799 | 8.012378 | 5.8590117 | 1.10E-06 | 1.42E-06 | 4.4399631 | ODR4 | odr-4 GPCR localization factor homolog | ENSG00000157181 |
| 0.7464294 | 6.3247228 | 4.3619522 | 0.0001047 | 0.0001112 | -0.0753223 | NPY4R2 | neuropeptide Y receptor Y4-2 | ENSG00000264717 |
| 0.74897 | 8.4621863 | 4.4306034 | 8.53E-05 | 9.15E-05 | 0.1256123 | LOC100506672 | cytochrome c oxidase subunit 7C pseudogene | NA |
| 0.7496334 | 8.628731 | 7.4582768 | 8.69E-09 | 1.81E-08 | 9.3004115 | IGBP1 | immunoglobulin binding protein 1 | ENSG00000089289 |
| 0.7534863 | 8.2111731 | 6.3290376 | 2.61E-07 | 3.78E-07 | 5.879582 | NDUFA1 | NADH:ubiquinone oxidoreductase subunit A1 | ENSG00000125356 |
| 0.7535313 | 8.1273399 | 4.642784 | 4.51E-05 | 4.95E-05 | 0.7521162 | SUPT4H1P1 | SPT4 homolog, DSIF elongation factor subunit pseudogene | NA |
| 0.7576848 | 8.8901116 | 6.0826333 | 5.55E-07 | 7.52E-07 | 5.1251738 | SNORA70I | small nucleolar RNA, H/ACA box 70I | ENSG00000207274 |
| 0.7636101 | 6.8174479 | 6.776353 | 6.71E-08 | 1.14E-07 | 7.2439389 | BOLA3P3 | bolA family member 3 pseudogene 3 | NA |
| 0.7644849 | 7.7718019 | 5.6817401 | 1.90E-06 | 2.37E-06 | 3.8970562 | DYNLT3 | dynein light chain Tctex-type 3 | ENSG00000165169 |
| 0.7652463 | 8.3690586 | 5.402636 | 4.46E-06 | 5.34E-06 | 3.0441687 | TCEAL8 | transcription elongation factor A like 8 | ENSG00000180964 |
| 0.7677555 | 6.6407199 | 8.989407 | 1.06E-10 | 3.63E-10 | 13.754714 | UQCRHP2 | ubiquinol-cytochrome c reductase hinge protein pseudogene 2 | NA |
| 0.7691035 | 6.7744435 | 12.244001 | 2.40E-14 | 3.19E-13 | 22.258977 | GORAB | golgin, RAB6 interacting | ENSG00000120370 |
| 0.7754535 | 5.9475634 | 6.8057969 | 6.14E-08 | 1.05E-07 | 7.3334007 | LOC107987082 | cyclin-dependent kinases regulatory subunit 2 pseudogene | NA |
| 0.7758825 | 8.3210286 | 5.8691097 | 1.07E-06 | 1.39E-06 | 4.4709025 | SYPL1 | synaptophysin like 1 | ENSG00000008282 |
| 0.7770471 | 8.1290714 | 6.4459389 | 1.83E-07 | 2.77E-07 | 6.2369478 | ZNF480 | zinc finger protein 480 | ENSG00000198464 |
| 0.7781601 | 9.0421998 | 7.028139 | 3.14E-08 | 5.67E-08 | 8.0072101 | EXOSC9 | exosome component 9 | ENSG00000123737 |
| 0.7815399 | 6.9319625 | 4.6846193 | 3.98E-05 | 4.37E-05 | 0.8765265 | SMIM30 | small integral membrane protein 30 | ENSG00000214194 |
| 0.781607 | 7.6637966 | 4.9931976 | 1.56E-05 | 1.77E-05 | 1.8016256 | UQCRHL | ubiquinol-cytochrome c reductase hinge protein like | ENSG00000233954 |
| 0.7858259 | 8.0037248 | 4.516824 | 6.59E-05 | 7.16E-05 | 0.3792435 | LOC107984970 | splicing factor 3B subunit 6 pseudogene | NA |
| 0.7874837 | 8.1644583 | 8.4219453 | 5.24E-10 | 1.41E-09 | 12.134393 | APOOL | apolipoprotein O like | ENSG00000155008 |
| 0.7888837 | 7.277313 | 7.1243775 | 2.35E-08 | 4.41E-08 | 8.2978115 | COMMD8 | COMM domain containing 8 | ENSG00000169019 |
| 0.7908682 | 8.2512071 | 6.7014731 | 8.41E-08 | 1.40E-07 | 7.016204 | ZNF330 | zinc finger protein 330 | ENSG00000109445 |
| 0.7914779 | 7.6176823 | 6.147579 | 4.55E-07 | 6.23E-07 | 5.324124 | LOC729941 | PDZ domain containing 11 pseudogene | NA |
| 0.7915249 | 7.3205766 | 5.7165772 | 1.70E-06 | 2.15E-06 | 4.0036997 | CDKN3 | cyclin dependent kinase inhibitor 3 | ENSG00000100526 |
| 0.7948615 | 6.7892919 | 6.062716 | 5.90E-07 | 7.91E-07 | 5.064151 | MYL8P | myosin light chain 8, pseudogene | NA |
| 0.797056 | 7.5123329 | 5.2184518 | 7.84E-06 | 9.23E-06 | 2.4835711 | TRMT10C | tRNA methyltransferase 10C, mitochondrial RNase P subunit | ENSG00000174173 |
| 0.7979185 | 6.5687608 | 10.552873 | 1.58E-12 | 9.74E-12 | 18.010138 | PSG5 | pregnancy specific beta-1-glycoprotein 5 | ENSG00000204941 |
| 0.7981171 | 7.3283207 | 5.483244 | 3.49E-06 | 4.23E-06 | 3.2901505 | GSKIP | GSK3B interacting protein | ENSG00000100744 |
| 0.801158 | 8.1089841 | 6.5020293 | 1.54E-07 | 2.35E-07 | 6.4082419 | NME7 | NME/NM23 family member 7 | ENSG00000143156 |
| 0.8067874 | 6.9561077 | 4.5885082 | 5.32E-05 | 5.79E-05 | 0.591122 | RPS26P7 | ribosomal protein S26 pseudogene 7 | NA |
| 0.8072022 | 6.6304346 | 7.2711507 | 1.52E-08 | 2.96E-08 | 8.7396544 | LOC724105 | cysteine rich transmembrane module containing 1 pseudogene | NA |
| 0.8077598 | 9.6615135 | 7.601417 | 5.69E-09 | 1.22E-08 | 9.7272696 | PGK1P1 | phosphoglycerate kinase 1 pseudogene 1 | NA |
| 0.8137958 | 8.7069883 | 5.0836704 | 1.18E-05 | 1.36E-05 | 2.0749629 | PIGK | phosphatidylinositol glycan anchor biosynthesis class K | ENSG00000142892 |
| 0.8159787 | 8.693724 | 7.2040323 | 1.85E-08 | 3.54E-08 | 8.5378123 | RPL29P4 | ribosomal protein L29 pseudogene 4 | NA |
| 0.8217448 | 7.4330017 | 6.1647325 | 4.31E-07 | 5.95E-07 | 5.3766611 | TPRKB | TP53RK binding protein | ENSG00000144034 |
| 0.8234059 | 10.362831 | 5.8013266 | 1.31E-06 | 1.68E-06 | 4.2632416 | RPL12 | ribosomal protein L12 | ENSG00000197958 |
| 0.8256722 | 8.8439529 | 8.0267439 | 1.64E-09 | 3.93E-09 | 10.983922 | PSMD6 | proteasome 26S subunit, non-ATPase 6 | ENSG00000163636 |
| 0.8261339 | 9.7642988 | 6.2148733 | 3.70E-07 | 5.15E-07 | 5.5302004 | DCAF13 | DDB1 and CUL4 associated factor 13 | ENSG00000164934 |
| 0.8271631 | 8.4437421 | 9.2329903 | 5.38E-11 | 2.03E-10 | 14.438202 | MALSU1 | mitochondrial assembly of ribosomal large subunit 1 | ENSG00000156928 |
| 0.8335099 | 6.1878052 | 13.815551 | 6.68E-16 | 1.81E-14 | 25.89226 | DDX58 | DExD/H-box helicase 58 | ENSG00000107201 |
| 0.8355255 | 8.4589815 | 6.8311592 | 5.68E-08 | 9.80E-08 | 7.4104199 | UBA6 | ubiquitin like modifier activating enzyme 6 | ENSG00000033178 |
| 0.8378266 | 8.766802 | 8.7886092 | 1.85E-10 | 5.70E-10 | 13.185776 | MOCS2 | molybdenum cofactor synthesis 2 | ENSG00000164172 |
| 0.8393358 | 7.033562 | 8.0394912 | 1.58E-09 | 3.85E-09 | 11.021297 | BIRC2 | baculoviral IAP repeat containing 2 | ENSG00000110330 |
| 0.8408985 | 8.1230723 | 6.7614148 | 7.02E-08 | 1.19E-07 | 7.1985316 | ACOT13 | acyl-CoA thioesterase 13 | ENSG00000112304 |
| 0.8438491 | 7.0623762 | 6.4724102 | 1.69E-07 | 2.57E-07 | 6.3178037 | ATP5MDP1 | ATP synthase membrane subunit DAPIT pseudogene 1 | NA |
| 0.8502422 | 8.5283983 | 6.6820174 | 8.92E-08 | 1.47E-07 | 6.9569828 | IBTK | inhibitor of Bruton tyrosine kinase | ENSG00000005700 |
| 0.8554215 | 8.0814942 | 6.5718188 | 1.25E-07 | 1.97E-07 | 6.621191 | TMEM106B | transmembrane protein 106B | ENSG00000106460 |
| 0.8558536 | 5.7144718 | 4.4731321 | 7.52E-05 | 8.11E-05 | 0.2505456 | LOC105374369 | uncharacterized LOC105374369 | NA |
| 0.8632183 | 8.9358198 | 8.8392021 | 1.61E-10 | 5.09E-10 | 13.329588 | COX6A1P2 | cytochrome c oxidase subunit 6A1 pseudogene 2 | NA |
| 0.868141 | 7.0640568 | 7.1191557 | 2.39E-08 | 4.46E-08 | 8.2820613 | TGDS | TDP-glucose 4,6-dehydratase | ENSG00000088451 |
| 0.9018487 | 7.0994851 | 5.1096339 | 1.09E-05 | 1.27E-05 | 2.1535512 | CDC26P1 | cell division cycle 26 pseudogene 1 | NA |
| 0.9039935 | 6.7148427 | 4.3524211 | 0.0001077 | 0.000114 | -0.1031441 | GPR183 | G protein-coupled receptor 183 | ENSG00000169508 |
| 0.9156793 | 7.1175776 | 7.1697414 | 2.05E-08 | 3.88E-08 | 8.4345534 | MORN2 | MORN repeat containing 2 | ENSG00000188010 |
| 0.9175299 | 6.8620034 | 8.6937958 | 2.42E-10 | 7.24E-10 | 12.915433 | DEPDC1P1 | DEP domain containing 1 pseudogene 1 | NA |
| 0.9247279 | 8.4241801 | 4.7951638 | 2.85E-05 | 3.17E-05 | 1.2065073 | C1DP1 | C1D nuclear receptor corepressor pseudogene 1 | NA |
| 0.9276119 | 9.5373764 | 6.3141584 | 2.73E-07 | 3.94E-07 | 5.8340657 | TMA7 | translation machinery associated 7 homolog | ENSG00000232112 |
| 0.974662 | 6.8318984 | 6.8897686 | 4.76E-08 | 8.34E-08 | 7.5882524 | SNORD77 | small nucleolar RNA, C/D box 77 | NA |
| 0.9788642 | 7.2241758 | 6.3999338 | 2.10E-07 | 3.12E-07 | 6.0963652 | MRPL33 | mitochondrial ribosomal protein L33 | ENSG00000243147 |
| 1.0093841 | 7.6654912 | 4.0670912 | 0.0002501 | 0.0002609 | -0.9267381 | LOC653631 | axin interactor, dorsalization associated pseudogene | NA |
| 1.0125645 | 7.8922279 | 6.571441 | 1.25E-07 | 1.97E-07 | 6.6200386 | C3orf14 | chromosome 3 open reading frame 14 | ENSG00000114405 |
| 1.0615492 | 8.8479376 | 3.3664236 | 0.0018328 | 0.0018441 | -2.8508575 | TIPARP | TCDD inducible poly(ADP-ribose) polymerase | ENSG00000163659 |
| 1.0916928 | 6.0197527 | 8.9245025 | 1.27E-10 | 4.19E-10 | 13.571353 | LINC01109 | long intergenic non-protein coding RNA 1109 | NA |
| 1.1792745 | 6.2267881 | 9.3330913 | 4.08E-11 | 1.62E-10 | 14.71693 | FABP5P10 | fatty acid binding protein 5 pseudogene 10 | NA |
|  |  |  |  |  |  |  |  |  |
| **Genes induced by irradiation in cells transfected with miR1228, upregulated in SK-N-DZ cells vs SK-N-AS cells** | | | | | | | | **DZ vs AS IR** |
| logFC | AveExpr | t | P.Value | adj.P.Val | B | SYMBOL | GENENAME | ENSEMBL |
| -1.0677493 | 8.1281432 | -10.886589 | 6.73E-13 | 4.67E-12 | 18.877544 | TUBB3P1 | tubulin beta 3 class III pseudogene 1 | ENSG00000220418 |
| -1.0340345 | 6.6545134 | -6.5551101 | 1.31E-07 | 2.05E-07 | 6.5702269 | LINC00342 | long intergenic non-protein coding RNA 342 | NA |
| -1.0011277 | 7.3393738 | -9.4508543 | 2.96E-11 | 1.24E-10 | 15.043214 | BTG2 | BTG anti-proliferation factor 2 | ENSG00000159388 |
| -0.9680434 | 6.7508859 | -6.2476833 | 3.35E-07 | 4.70E-07 | 5.6306424 | MIR1204 | microRNA 1204 | ENSG00000283710 |
| -0.9362474 | 7.7798722 | -14.328975 | 2.20E-16 | 6.97E-15 | 27.017787 | ZNF79 | zinc finger protein 79 | ENSG00000196152 |
| -0.9323141 | 7.990467 | -6.9471178 | 4.01E-08 | 7.10E-08 | 7.7620498 | ZC3HAV1L | zinc finger CCCH-type containing, antiviral 1 like | ENSG00000146858 |
| -0.9148324 | 6.4615122 | -7.4727444 | 8.33E-09 | 1.74E-08 | 9.3436398 | TUBB2BP1 | tubulin beta 2B class IIb pseudogene 1 | ENSG00000216819 |
| -0.9125309 | 8.3709372 | -6.6785265 | 9.02E-08 | 1.48E-07 | 6.9463549 | RPS15A | ribosomal protein S15a | ENSG00000134419 |
| -0.911508 | 9.0484571 | -5.8596064 | 1.10E-06 | 1.42E-06 | 4.4417852 | HIPK2 | homeodomain interacting protein kinase 2 | ENSG00000064393 |
| -0.9090429 | 7.1576143 | -11.417574 | 1.78E-13 | 1.54E-12 | 20.228102 | SESN2 | sestrin 2 | ENSG00000130766 |
| -0.9044339 | 10.145381 | -3.8872541 | 0.0004219 | 0.0004332 | -1.4353635 | ID3 | inhibitor of DNA binding 3, HLH protein | ENSG00000117318 |
| -0.860683 | 9.5498843 | -5.0716041 | 1.23E-05 | 1.41E-05 | 2.0384612 | GATAD2B | GATA zinc finger domain containing 2B | ENSG00000143614 |
| -0.8577341 | 7.913977 | -8.6622568 | 2.65E-10 | 7.81E-10 | 12.825267 | RETREG3 | reticulophagy regulator family member 3 | ENSG00000141699 |
| -0.8563058 | 6.0991129 | -5.9009464 | 9.68E-07 | 1.27E-06 | 4.5684525 | ARPC4-TTLL3 | ARPC4-TTLL3 readthrough | ENSG00000250151 |
| -0.8545472 | 8.82619 | -10.000496 | 6.73E-12 | 3.43E-11 | 16.542628 | RNFT2 | ring finger protein, transmembrane 2 | ENSG00000135119 |
| -0.8545224 | 9.3839176 | -7.5852689 | 5.97E-09 | 1.27E-08 | 9.679209 | NUP188 | nucleoporin 188 | ENSG00000095319 |
| -0.8518401 | 11.107595 | -7.297547 | 1.40E-08 | 2.76E-08 | 8.8189349 | MAP1B | microtubule associated protein 1B | ENSG00000131711 |
| -0.8462904 | 7.2510828 | -8.5838486 | 3.31E-10 | 9.40E-10 | 12.600595 | TMEM170B | transmembrane protein 170B | ENSG00000205269 |
| -0.8394384 | 8.7536505 | -8.996667 | 1.04E-10 | 3.57E-10 | 13.775192 | FAM171A1 | family with sequence similarity 171 member A1 | ENSG00000148468 |
| -0.8394133 | 7.0915662 | -4.4015674 | 9.31E-05 | 9.93E-05 | 0.0405136 | SNORA20 | small nucleolar RNA, H/ACA box 20 | ENSG00000207392 |
| -0.8318951 | 8.0674378 | -10.033983 | 6.16E-12 | 3.16E-11 | 16.632719 | MDC1 | mediator of DNA damage checkpoint 1 | ENSG00000137337 |
| -0.8289744 | 8.722771 | -6.7024118 | 8.39E-08 | 1.40E-07 | 7.0190607 | KMT2C | lysine methyltransferase 2C | ENSG00000055609 |
| -0.828448 | 8.4021429 | -5.3957145 | 4.56E-06 | 5.44E-06 | 3.0230632 | LOC107985295 | uncharacterized LOC107985295 | NA |
| -0.8277913 | 9.6591723 | -7.2518469 | 1.61E-08 | 3.11E-08 | 8.6816401 | AARS1 | alanyl-tRNA synthetase 1 | ENSG00000090861 |
| -0.8226949 | 8.0587692 | -5.544023 | 2.89E-06 | 3.55E-06 | 3.4758263 | CCNF | cyclin F | ENSG00000162063 |
| -0.8197889 | 8.2502727 | -9.7404777 | 1.35E-11 | 6.11E-11 | 15.838145 | ACACA | acetyl-CoA carboxylase alpha | ENSG00000278540 |
| -0.8183847 | 10.621741 | -7.0792711 | 2.69E-08 | 4.94E-08 | 8.1616925 | CPNE1 | copine 1 | ENSG00000214078 |
| -0.8172044 | 9.7254712 | -8.7956422 | 1.82E-10 | 5.62E-10 | 13.205786 | FOXM1 | forkhead box M1 | ENSG00000111206 |
| -0.8133768 | 8.8046359 | -5.6743076 | 1.94E-06 | 2.42E-06 | 3.8743078 | PRRC2B | proline rich coiled-coil 2B | ENSG00000130723 |
| -0.8117815 | 8.6375698 | -7.0186101 | 3.23E-08 | 5.82E-08 | 7.9784001 | MED24 | mediator complex subunit 24 | ENSG00000008838 |
| -0.8080637 | 7.3645864 | -15.706661 | 1.28E-17 | 1.17E-15 | 29.899296 | NOTCH3 | notch receptor 3 | ENSG00000074181 |
| -0.8058041 | 7.9571122 | -10.78649 | 8.68E-13 | 5.61E-12 | 18.618878 | HERC1 | HECT and RLD domain containing E3 ubiquitin protein ligase family member 1 | ENSG00000103657 |
| -0.8036843 | 6.9294723 | -5.5146271 | 3.17E-06 | 3.85E-06 | 3.3860039 | TAS2R31 | taste 2 receptor member 31 | ENSG00000256436 |
| -0.8010784 | 6.1638116 | -6.9564499 | 3.89E-08 | 6.94E-08 | 7.7903103 | MIR5003 | microRNA 5003 | ENSG00000265160 |
| -0.7986218 | 7.803549 | -12.15328 | 2.98E-14 | 3.59E-13 | 22.040202 | TAF3 | TATA-box binding protein associated factor 3 | ENSG00000165632 |
| -0.7972419 | 7.9230282 | -8.8222784 | 1.69E-10 | 5.26E-10 | 13.281516 | SMO | smoothened, frizzled class receptor | ENSG00000128602 |
| -0.7942082 | 10.689183 | -3.6451575 | 0.0008428 | 0.0008573 | -2.1049538 | ID1 | inhibitor of DNA binding 1, HLH protein | ENSG00000125968 |
| -0.7938374 | 7.9787344 | -10.861134 | 7.18E-13 | 4.88E-12 | 18.811888 | FBXO31 | F-box protein 31 | ENSG00000103264 |
| -0.7901512 | 8.9454043 | -7.7899237 | 3.27E-09 | 7.43E-09 | 10.286463 | NT5C3B | 5'-nucleotidase, cytosolic IIIB | ENSG00000141698 |
| -0.7892435 | 7.0336642 | -6.3315715 | 2.59E-07 | 3.76E-07 | 5.8873328 | CXADRP3 | CXADR pseudogene 3 | ENSG00000265766 |
| -0.7873518 | 8.3099405 | -9.3146946 | 4.29E-11 | 1.70E-10 | 14.6658 | NDST1 | N-deacetylase and N-sulfotransferase 1 | ENSG00000070614 |
| -0.7866983 | 10.117318 | -8.624145 | 2.95E-10 | 8.55E-10 | 12.716152 | CHRNA3 | cholinergic receptor nicotinic alpha 3 subunit | ENSG00000080644 |
| -0.7864411 | 8.152926 | -9.6732262 | 1.62E-11 | 7.18E-11 | 15.654518 | MPRIPP1 | myosin phosphatase Rho interacting protein pseudogene 1 | NA |
| -0.7840915 | 5.4216189 | -4.8366284 | 2.51E-05 | 2.81E-05 | 1.330715 | VSTM2A-OT1 | VSTM2A overlapping transcript 1 | ENSG00000224223 |
| -0.7816354 | 7.8918252 | -11.251319 | 2.69E-13 | 2.27E-12 | 19.809123 | KIFC1 | kinesin family member C1 | ENSG00000237649 |
| -0.7796198 | 8.2823234 | -8.5815047 | 3.33E-10 | 9.40E-10 | 12.593867 | YEATS2 | YEATS domain containing 2 | ENSG00000163872 |
| -0.7776436 | 8.2534406 | -9.3787925 | 3.60E-11 | 1.48E-10 | 14.843762 | RERE | arginine-glutamic acid dipeptide repeats | ENSG00000142599 |
| -0.7723526 | 6.8195981 | -7.4550035 | 8.78E-09 | 1.82E-08 | 9.2906285 | POLHP1 | DNA polymerase eta pseudogene 1 | NA |
| -0.7711197 | 7.6060952 | -9.9560661 | 7.58E-12 | 3.69E-11 | 16.42287 | KIF26B | kinesin family member 26B | ENSG00000162849 |
| -0.767432 | 7.8329669 | -7.8436203 | 2.79E-09 | 6.48E-09 | 10.44511 | AUTS2 | activator of transcription and developmental regulator AUTS2 | ENSG00000158321 |
| -0.7638005 | 7.8987719 | -9.2389157 | 5.29E-11 | 2.01E-10 | 14.454737 | DHTKD1 | dehydrogenase E1 and transketolase domain containing 1 | ENSG00000181192 |
| -0.7630228 | 9.8104991 | -5.6920551 | 1.84E-06 | 2.31E-06 | 3.9286295 | CASC3 | CASC3 exon junction complex subunit | ENSG00000108349 |
| -0.7602013 | 10.131776 | -6.7660682 | 6.92E-08 | 1.18E-07 | 7.2126777 | MYBL2 | MYB proto-oncogene like 2 | ENSG00000101057 |
| -0.7590504 | 6.6491689 | -4.9923225 | 1.56E-05 | 1.77E-05 | 1.798986 | LOC100420794 | RE1 silencing transcription factor pseudogene | NA |
| -0.7587236 | 9.1374976 | -7.6809804 | 4.50E-09 | 9.95E-09 | 9.9637096 | MCM2 | minichromosome maintenance complex component 2 | ENSG00000073111 |
| -0.7567307 | 8.2969312 | -6.9466609 | 4.01E-08 | 7.10E-08 | 7.7606661 | ABCC1 | ATP binding cassette subfamily C member 1 | ENSG00000103222 |
| -0.7545535 | 8.1934601 | -13.64412 | 9.74E-16 | 2.44E-14 | 25.509905 | OSBPL2 | oxysterol binding protein like 2 | ENSG00000130703 |
| -0.7526743 | 9.1340702 | -6.1503975 | 4.51E-07 | 6.20E-07 | 5.3327569 | RPL13P12 | ribosomal protein L13 pseudogene 12 | ENSG00000215030 |
| -0.7526255 | 8.7715638 | -7.3233926 | 1.30E-08 | 2.57E-08 | 8.8965054 | GTF3C1 | general transcription factor IIIC subunit 1 | ENSG00000077235 |
| -0.7511391 | 7.832141 | -8.0741194 | 1.43E-09 | 3.55E-09 | 11.122742 | ZDHHC7 | zinc finger DHHC-type palmitoyltransferase 7 | ENSG00000153786 |
| -0.751109 | 6.1251543 | -4.7431101 | 3.33E-05 | 3.70E-05 | 1.0509078 | NAIPP4 | NAIP pseudogene 4 | NA |
| -0.7502116 | 9.1833268 | -6.7061553 | 8.29E-08 | 1.38E-07 | 7.030453 | ACO2 | aconitase 2 | ENSG00000100412 |
| -0.7499973 | 6.7687393 | -9.8459194 | 1.02E-11 | 4.74E-11 | 16.124876 | LOC101929977 | uncharacterized LOC101929977 | NA |
| -0.7492115 | 8.1454141 | -7.1759896 | 2.01E-08 | 3.82E-08 | 8.4533753 | RALGDS | ral guanine nucleotide dissociation stimulator | ENSG00000160271 |
| -0.7487273 | 7.8664377 | -8.9652489 | 1.13E-10 | 3.84E-10 | 13.686526 | TTBK2 | tau tubulin kinase 2 | ENSG00000128881 |
| -0.7464867 | 7.3059912 | -14.347625 | 2.12E-16 | 6.97E-15 | 27.058127 | PLD2 | phospholipase D2 | ENSG00000129219 |
| -0.7434757 | 10.595096 | -7.1894439 | 1.94E-08 | 3.68E-08 | 8.493894 | H3C11 | H3 clustered histone 11 | ENSG00000275379 |
| -0.7431052 | 8.7557735 | -8.8599385 | 1.52E-10 | 4.87E-10 | 13.388442 | DNTTIP1 | deoxynucleotidyltransferase terminal interacting protein 1 | ENSG00000101457 |
| -0.7416596 | 8.7753388 | -7.4827961 | 8.08E-09 | 1.69E-08 | 9.3736627 | ENO2 | enolase 2 | ENSG00000111674 |
| -0.7409202 | 9.0777931 | -5.9623467 | 8.02E-07 | 1.06E-06 | 4.7566002 | EEF1A2 | eukaryotic translation elongation factor 1 alpha 2 | ENSG00000101210 |
| -0.7403146 | 8.5070145 | -9.7485821 | 1.32E-11 | 6.02E-11 | 15.860234 | CERK | ceramide kinase | ENSG00000100422 |
| -0.7397318 | 7.1946088 | -7.7543065 | 3.63E-09 | 8.16E-09 | 10.181073 | MAP1LC3B2 | microtubule associated protein 1 light chain 3 beta 2 | ENSG00000258102 |
| -0.7390348 | 9.6190698 | -7.6622039 | 4.76E-09 | 1.04E-08 | 9.9079655 | NELFCD | negative elongation factor complex member C/D | ENSG00000101158 |
| -0.7358113 | 8.726996 | -9.5368097 | 2.34E-11 | 1.01E-10 | 15.280256 | POLA2 | DNA polymerase alpha 2, accessory subunit | ENSG00000014138 |
| -0.7357286 | 7.6757927 | -11.481118 | 1.52E-13 | 1.36E-12 | 20.387308 | TRAF4 | TNF receptor associated factor 4 | ENSG00000076604 |
| -0.7352559 | 9.1981504 | -5.5320191 | 3.00E-06 | 3.67E-06 | 3.4391427 | SMARCA4 | SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 4 | ENSG00000127616 |
| -0.7349003 | 7.5899126 | -7.7614195 | 3.55E-09 | 8.02E-09 | 10.20213 | POLH | DNA polymerase eta | ENSG00000170734 |
| -0.7327881 | 8.4288313 | -8.633841 | 2.87E-10 | 8.39E-10 | 12.743928 | LOC105373759 | uncharacterized LOC105373759 | NA |
| -0.7322121 | 11.147766 | -4.9809414 | 1.62E-05 | 1.83E-05 | 1.7646619 | H1-4 | H1.4 linker histone, cluster member | ENSG00000168298 |
| -0.7317788 | 7.8919032 | -10.208841 | 3.88E-12 | 2.13E-11 | 17.100793 | BRPF1 | bromodomain and PHD finger containing 1 | ENSG00000156983 |
| -0.7315176 | 9.072659 | -6.4087338 | 2.05E-07 | 3.04E-07 | 6.1232621 | STXBP1 | syntaxin binding protein 1 | ENSG00000136854 |
| -0.7306237 | 6.4395744 | -7.8839849 | 2.48E-09 | 5.80E-09 | 10.564175 | LOC107986997 | uncharacterized LOC107986997 | NA |
| -0.7302002 | 8.2314899 | -8.431833 | 5.10E-10 | 1.38E-09 | 12.162951 | RNF144A | ring finger protein 144A | ENSG00000151692 |
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| -0.7278697 | 8.675281 | -6.6519842 | 9.77E-08 | 1.60E-07 | 6.8655265 | BMPR2 | bone morphogenetic protein receptor type 2 | ENSG00000204217 |
| -0.7250177 | 8.661677 | -8.6685059 | 2.60E-10 | 7.74E-10 | 12.843141 | SINHCAF | SIN3-HDAC complex associated factor | ENSG00000139146 |
| -0.7245377 | 9.0082217 | -5.6168024 | 2.31E-06 | 2.85E-06 | 3.6983562 | PNMA1 | PNMA family member 1 | ENSG00000176903 |
| -0.7232677 | 7.0964363 | -9.9155278 | 8.44E-12 | 4.02E-11 | 16.313379 | RDH10 | retinol dehydrogenase 10 | ENSG00000121039 |
| -0.7230235 | 7.8113044 | -6.7120271 | 8.15E-08 | 1.37E-07 | 7.0483207 | FBXL20 | F-box and leucine rich repeat protein 20 | ENSG00000108306 |
| -0.7228114 | 5.98902 | -12.137062 | 3.09E-14 | 3.67E-13 | 22.000986 | LINC01886 | long intergenic non-protein coding RNA 1886 | ENSG00000224568 |
| -0.7224508 | 10.537482 | -8.3253748 | 6.92E-10 | 1.82E-09 | 11.854877 | GOT2 | glutamic-oxaloacetic transaminase 2 | ENSG00000125166 |
| -0.721767 | 8.1781633 | -7.943325 | 2.09E-09 | 4.95E-09 | 10.738908 | CHMP1A | charged multivesicular body protein 1A | ENSG00000131165 |
| -0.7216273 | 9.4705709 | -5.8397144 | 1.17E-06 | 1.50E-06 | 4.3808404 | EFNA5 | ephrin A5 | ENSG00000184349 |
| -0.7211238 | 8.0171018 | -10.219098 | 3.78E-12 | 2.09E-11 | 17.128126 | PACSIN2 | protein kinase C and casein kinase substrate in neurons 2 | ENSG00000100266 |
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| -0.7198518 | 7.8336319 | -11.439005 | 1.68E-13 | 1.48E-12 | 20.281853 | NCAPH2 | non-SMC condensin II complex subunit H2 | ENSG00000025770 |
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| -0.7147745 | 7.5731726 | -3.866364 | 0.0004481 | 0.0004594 | -1.4938563 | LINC01001 | long intergenic non-protein coding RNA 1001 | NA |
| -0.7125962 | 6.0839842 | -6.8386542 | 5.56E-08 | 9.61E-08 | 7.4331729 | PCF11-AS1 | PCF11 antisense RNA 1 | NA |
| -0.7115193 | 8.9792078 | -6.0278765 | 6.56E-07 | 8.73E-07 | 4.9574016 | CLU | clusterin | ENSG00000120885 |
| -0.7113248 | 7.943179 | -7.4244692 | 9.61E-09 | 1.95E-08 | 9.199324 | FAM219A | family with sequence similarity 219 member A | ENSG00000164970 |
| -0.7104621 | 8.5063824 | -6.6040225 | 1.13E-07 | 1.81E-07 | 6.7193811 | CTDNEP1 | CTD nuclear envelope phosphatase 1 | ENSG00000175826 |
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| -0.7033562 | 8.6735964 | -5.4493811 | 3.87E-06 | 4.65E-06 | 3.1867748 | WASF1 | WASP family member 1 | ENSG00000112290 |
| -0.7018694 | 7.7102759 | -6.7098549 | 8.20E-08 | 1.37E-07 | 7.0417112 | FOXRED2 | FAD dependent oxidoreductase domain containing 2 | ENSG00000100350 |
| -0.7007613 | 9.1300654 | -7.6209746 | 5.37E-09 | 1.16E-08 | 9.7854452 | ATXN7L3B | ataxin 7 like 3B | ENSG00000253719 |
| -0.6997334 | 7.8939495 | -6.5683854 | 1.26E-07 | 1.98E-07 | 6.6107196 | RCOR2 | REST corepressor 2 | ENSG00000167771 |
| -0.6987308 | 7.9406305 | -7.8375128 | 2.84E-09 | 6.57E-09 | 10.42708 | LOC343508 | aconitase 2, mitochondrial pseudogene | NA |
| -0.6979954 | 7.9092012 | -6.3046094 | 2.81E-07 | 4.03E-07 | 5.8048514 | LOC389906 | zinc finger protein 839 pseudogene | ENSG00000285756 |
| -0.6979605 | 6.8067172 | -6.5362975 | 1.39E-07 | 2.16E-07 | 6.5128309 | LOC105375521 | uncharacterized LOC105375521 | NA |
| -0.6974597 | 7.4036648 | -9.2081675 | 5.76E-11 | 2.14E-10 | 14.368889 | RPL32 | ribosomal protein L32 | ENSG00000144713 |
| -0.697394 | 6.3921082 | -12.607841 | 1.02E-14 | 1.48E-13 | 23.126255 | CDH6 | cadherin 6 | ENSG00000113361 |
| -0.6966578 | 6.4407684 | -7.5617873 | 6.40E-09 | 1.36E-08 | 9.6092785 | FLJ13224 | uncharacterized LOC79857 | ENSG00000177340 |
| -0.6952665 | 7.0743291 | -10.619306 | 1.33E-12 | 8.28E-12 | 18.183963 | ZNF852 | zinc finger protein 852 | ENSG00000178917 |
| -0.6950239 | 9.2975431 | -6.3511494 | 2.44E-07 | 3.57E-07 | 5.9472112 | GLG1 | golgi glycoprotein 1 | ENSG00000090863 |
| -0.6936792 | 7.9292899 | -9.9880485 | 6.96E-12 | 3.46E-11 | 16.509102 | NCOA2 | nuclear receptor coactivator 2 | ENSG00000140396 |
| -0.6935745 | 6.7138653 | -12.230895 | 2.48E-14 | 3.23E-13 | 22.227436 | ARHGEF26 | Rho guanine nucleotide exchange factor 26 | ENSG00000114790 |
| -0.692774 | 7.4361014 | -4.4867551 | 7.21E-05 | 7.80E-05 | 0.290636 | RNU12 | RNA, U12 small nuclear | ENSG00000276027 |
| -0.6908739 | 7.0812592 | -15.839615 | 9.85E-18 | 1.07E-15 | 30.167185 | SMG6 | SMG6 nonsense mediated mRNA decay factor | ENSG00000070366 |
| -0.6905049 | 7.6949777 | -10.507159 | 1.78E-12 | 1.08E-11 | 17.890191 | TTF2 | transcription termination factor 2 | ENSG00000116830 |
| -0.6874737 | 7.4225286 | -9.4212501 | 3.21E-11 | 1.34E-10 | 14.961356 | IRGQ | immunity related GTPase Q | ENSG00000167378 |
| -0.6871612 | 8.2309267 | -5.7540243 | 1.52E-06 | 1.93E-06 | 4.1183634 | MAP1A | microtubule associated protein 1A | ENSG00000166963 |
| -0.6869046 | 7.4666434 | -7.552877 | 6.57E-09 | 1.39E-08 | 9.5827294 | H1-10 | H1.10 linker histone | ENSG00000184897 |
| -0.6853742 | 7.2980184 | -13.029084 | 3.87E-15 | 6.82E-14 | 24.110417 | SRD5A1 | steroid 5 alpha-reductase 1 | ENSG00000145545 |
| -0.6848762 | 6.9958838 | -15.401601 | 2.37E-17 | 1.54E-15 | 29.278024 | GPR173 | G protein-coupled receptor 173 | ENSG00000184194 |
| -0.6843012 | 7.9630955 | -6.8860479 | 4.81E-08 | 8.39E-08 | 7.5769696 | ENDOG | endonuclease G | ENSG00000167136 |
| -0.6842678 | 8.2686375 | -7.727757 | 3.92E-09 | 8.76E-09 | 10.102432 | ELAC2 | elaC ribonuclease Z 2 | ENSG00000006744 |
| -0.6832616 | 6.0551123 | -3.9367299 | 0.0003656 | 0.0003766 | -1.2963251 | LOC105378271 | uncharacterized LOC105378271 | NA |
| -0.6824685 | 7.1421815 | -6.3348185 | 2.57E-07 | 3.73E-07 | 5.8972643 | SNORA54 | small nucleolar RNA, H/ACA box 54 | ENSG00000207008 |
| -0.679358 | 5.7107407 | -5.1331846 | 1.02E-05 | 1.19E-05 | 2.2248892 | LOC107984486 | uncharacterized LOC107984486 | NA |
| -0.6787159 | 9.1842291 | -4.0918464 | 0.0002326 | 0.0002431 | -0.8560491 | CREBBP | CREB binding protein | ENSG00000005339 |
| -0.6783781 | 6.6794537 | -16.402516 | 3.28E-18 | 5.34E-16 | 31.282464 | B4GALNT3 | beta-1,4-N-acetyl-galactosaminyltransferase 3 | ENSG00000139044 |
| -0.6772999 | 6.9426418 | -14.716855 | 9.70E-17 | 3.95E-15 | 27.849067 | DTX4 | deltex E3 ubiquitin ligase 4 | ENSG00000110042 |
| -0.6759081 | 7.5327261 | -7.6868176 | 4.42E-09 | 9.81E-09 | 9.981032 | CTNS | cystinosin, lysosomal cystine transporter | ENSG00000040531 |
| -0.675258 | 8.6636262 | -7.1259359 | 2.34E-08 | 4.40E-08 | 8.3025115 | AHCY | adenosylhomocysteinase | ENSG00000101444 |
| -0.6736022 | 6.6955789 | -10.747656 | 9.59E-13 | 6.07E-12 | 18.518177 | ZNF586 | zinc finger protein 586 | ENSG00000083828 |
| -0.6718393 | 7.7842005 | -11.047601 | 4.48E-13 | 3.39E-12 | 19.290904 | GTF2IRD1 | GTF2I repeat domain containing 1 | ENSG00000006704 |
| -0.6718358 | 8.1603139 | -8.7434359 | 2.11E-10 | 6.38E-10 | 13.057107 | DICER1 | dicer 1, ribonuclease III | ENSG00000100697 |
| -0.6709072 | 6.3858213 | -15.263337 | 3.14E-17 | 1.86E-15 | 28.993368 | THSD7A | thrombospondin type 1 domain containing 7A | ENSG00000005108 |
| -0.6703192 | 8.6609023 | -5.1775965 | 8.89E-06 | 1.04E-05 | 2.3595504 | MIDN | midnolin | ENSG00000167470 |
| -0.6702264 | 6.8987157 | -8.5279472 | 3.88E-10 | 1.07E-09 | 12.439971 | FAM8A3P | family with sequence similarity 8 member A3, pseudogene | NA |
| -0.6696717 | 8.1955433 | -8.060032 | 1.49E-09 | 3.67E-09 | 11.081488 | TNFRSF21 | TNF receptor superfamily member 21 | ENSG00000146072 |
| -0.6688583 | 8.1345676 | -11.238685 | 2.77E-13 | 2.32E-12 | 19.777139 | INSIG1 | insulin induced gene 1 | ENSG00000186480 |
| -0.6688442 | 7.2517182 | -8.7040446 | 2.35E-10 | 7.10E-10 | 12.944707 | JMY | junction mediating and regulatory protein, p53 cofactor | ENSG00000152409 |
| -0.6681359 | 10.370403 | -2.7387686 | 0.0095561 | 0.0095707 | -4.4079664 | LOC100132287 | uncharacterized LOC100132287 | NA |
| -0.6674454 | 6.7598794 | -13.722854 | 8.19E-16 | 2.14E-14 | 25.685923 | HSPA12A | heat shock protein family A (Hsp70) member 12A | ENSG00000165868 |
| -0.6667217 | 6.8701233 | -6.0734975 | 5.70E-07 | 7.70E-07 | 5.097184 | GTF2IP23 | general transcription factor IIi pseudogene 23 | NA |
| -0.6664788 | 7.7125318 | -9.9412775 | 7.88E-12 | 3.78E-11 | 16.382951 | EPN2 | epsin 2 | ENSG00000072134 |
| -0.665217 | 6.8557129 | -13.157017 | 2.89E-15 | 5.72E-14 | 24.405145 | ISLR2 | immunoglobulin superfamily containing leucine rich repeat 2 | ENSG00000167178 |
| -0.6647458 | 7.5350266 | -11.822026 | 6.60E-14 | 6.62E-13 | 21.232708 | OLFM2 | olfactomedin 2 | ENSG00000105088 |
| -0.6642252 | 7.51029 | -8.8304578 | 1.65E-10 | 5.19E-10 | 13.304754 | KBTBD6 | kelch repeat and BTB domain containing 6 | ENSG00000165572 |
| -0.6640744 | 7.3012587 | -11.824574 | 6.56E-14 | 6.62E-13 | 21.238972 | STARD9 | StAR related lipid transfer domain containing 9 | ENSG00000159433 |
| -0.6629066 | 7.2931752 | -10.810272 | 8.17E-13 | 5.38E-12 | 18.680449 | CDK5R1 | cyclin dependent kinase 5 regulatory subunit 1 | ENSG00000176749 |
| -0.6627023 | 8.2563636 | -6.6349405 | 1.03E-07 | 1.66E-07 | 6.8136052 | BCL9 | BCL9 transcription coactivator | ENSG00000116128 |
| -0.6621804 | 8.9396755 | -12.214004 | 2.58E-14 | 3.28E-13 | 22.186754 | EWSR1 | EWS RNA binding protein 1 | ENSG00000182944 |
| -0.6615958 | 6.3702218 | -5.0812005 | 1.19E-05 | 1.37E-05 | 2.0674902 | MIR15A | microRNA 15a | ENSG00000283785 |
| -0.661473 | 7.8338732 | -8.8242084 | 1.68E-10 | 5.26E-10 | 13.287 | ZNF445 | zinc finger protein 445 | ENSG00000185219 |
| -0.660984 | 8.0016753 | -8.0405614 | 1.57E-09 | 3.85E-09 | 11.024434 | TAF4 | TATA-box binding protein associated factor 4 | ENSG00000130699 |
| -0.6596757 | 7.1510707 | -12.430691 | 1.54E-14 | 2.19E-13 | 22.706004 | MRAS | muscle RAS oncogene homolog | ENSG00000158186 |
| -0.6594154 | 9.3163851 | -6.1729542 | 4.21E-07 | 5.81E-07 | 5.4018404 | DNAJC11 | DnaJ heat shock protein family (Hsp40) member C11 | ENSG00000007923 |
| -0.6582071 | 9.1546284 | -8.4173018 | 5.31E-10 | 1.43E-09 | 12.120977 | RNF114 | ring finger protein 114 | ENSG00000124226 |
| -0.6577064 | 8.1062538 | -10.093581 | 5.26E-12 | 2.81E-11 | 16.792702 | SLC49A4 | solute carrier family 49 member 4 | ENSG00000138463 |
| -0.6567193 | 10.287777 | -5.0094863 | 1.48E-05 | 1.69E-05 | 1.8507758 | CCND1 | cyclin D1 | ENSG00000110092 |
| -0.6566907 | 7.2642975 | -7.7994246 | 3.18E-09 | 7.26E-09 | 10.314555 | GABPB1-IT1 | GABPB1 intronic transcript | ENSG00000285410 |
| -0.6566806 | 8.0464821 | -6.6397616 | 1.01E-07 | 1.64E-07 | 6.8282934 | TGIF2 | TGFB induced factor homeobox 2 | ENSG00000118707 |
| -0.6562673 | 7.3299912 | -9.6665656 | 1.65E-11 | 7.26E-11 | 15.6363 | NEURL4 | neuralized E3 ubiquitin protein ligase 4 | ENSG00000215041 |
| -0.6555844 | 5.7946617 | -8.5825489 | 3.32E-10 | 9.40E-10 | 12.596865 | LOC101929759 | uncharacterized LOC101929759 | ENSG00000246528 |
| -0.6551345 | 9.7794833 | -4.3370035 | 0.0001128 | 0.0001192 | -0.14811 | LOC732229 | AN1-type zinc finger protein 5 pseudogene | ENSG00000269374 |
| -0.6539647 | 7.754193 | -9.714107 | 1.45E-11 | 6.52E-11 | 15.76621 | RAPGEF1 | Rap guanine nucleotide exchange factor 1 | ENSG00000107263 |
| -0.6531045 | 8.2652479 | -10.34783 | 2.70E-12 | 1.57E-11 | 17.470019 | ARFGEF2 | ADP ribosylation factor guanine nucleotide exchange factor 2 | ENSG00000124198 |
| -0.6528364 | 8.7259195 | -8.8394134 | 1.61E-10 | 5.09E-10 | 13.330188 | PTPN1 | protein tyrosine phosphatase non-receptor type 1 | ENSG00000196396 |
| -0.6524222 | 7.7729152 | -11.157899 | 3.39E-13 | 2.76E-12 | 19.57214 | MPHOSPH8 | M-phase phosphoprotein 8 | ENSG00000196199 |
| -0.6521946 | 7.5290698 | -9.3462759 | 3.94E-11 | 1.59E-10 | 14.753548 | TRMT2B | tRNA methyltransferase 2 homolog B | ENSG00000188917 |
| -0.65164 | 6.4356047 | -7.3459895 | 1.21E-08 | 2.43E-08 | 8.9642798 | LINC01512 | long intergenic non-protein coding RNA 1512 | NA |
| -0.6505962 | 10.829906 | -7.4252813 | 9.58E-09 | 1.95E-08 | 9.2017535 | BSG | basigin (Ok blood group) | ENSG00000172270 |
| -0.6500645 | 7.9973067 | -5.7507547 | 1.53E-06 | 1.95E-06 | 4.1083507 | TICRR | TOPBP1 interacting checkpoint and replication regulator | ENSG00000140534 |
| -0.6499344 | 8.5332074 | -7.4317798 | 9.40E-09 | 1.92E-08 | 9.2211919 | LOC100996333 | G protein-coupled receptor 125 pseudogene | ENSG00000256616 |
| -0.6495588 | 8.3738342 | -6.048866 | 6.15E-07 | 8.22E-07 | 5.0217152 | MEX3A | mex-3 RNA binding family member A | ENSG00000254726 |
| -0.64867 | 6.7733969 | -9.8082353 | 1.12E-11 | 5.20E-11 | 16.022565 | MARCHF11 | membrane associated ring-CH-type finger 11 | ENSG00000183654 |
| -0.647916 | 7.4096247 | -11.865341 | 5.94E-14 | 6.15E-13 | 21.339075 | SRRD | SRR1 domain containing | ENSG00000100104 |
| -0.6478487 | 6.8372985 | -12.801495 | 6.52E-15 | 1.01E-13 | 23.581328 | MCM9 | minichromosome maintenance 9 homologous recombination repair factor | ENSG00000111877 |
| -0.6477638 | 12.409718 | -5.6457394 | 2.12E-06 | 2.62E-06 | 3.7868838 | ACTG1 | actin gamma 1 | ENSG00000184009 |
| -0.6476622 | 9.3559343 | -7.3712147 | 1.13E-08 | 2.26E-08 | 9.0398862 | GLYR1 | glyoxylate reductase 1 homolog | ENSG00000140632 |
| -0.6475962 | 10.473979 | -8.9491607 | 1.18E-10 | 3.97E-10 | 13.641076 | MCM7 | minichromosome maintenance complex component 7 | ENSG00000166508 |
| -0.64738 | 7.8991869 | -7.4319753 | 9.40E-09 | 1.92E-08 | 9.2217768 | RBM12B | RNA binding motif protein 12B | ENSG00000183808 |
| -0.6467269 | 7.4708113 | -11.324255 | 2.24E-13 | 1.92E-12 | 19.993364 | IQSEC1 | IQ motif and Sec7 domain ArfGEF 1 | ENSG00000144711 |
| -0.6465705 | 6.7152302 | -14.581727 | 1.29E-16 | 4.94E-15 | 27.561297 | INKA2 | inka box actin regulator 2 | ENSG00000197852 |
| -0.6452972 | 8.4768376 | -8.0426793 | 1.56E-09 | 3.85E-09 | 11.030642 | BRD3 | bromodomain containing 3 | ENSG00000169925 |
| -0.6443285 | 8.923011 | -6.1192177 | 4.96E-07 | 6.75E-07 | 5.2372508 | LOC100420528 | CTD nuclear envelope phosphatase 1 pseudogene | NA |
| -0.6440301 | 8.6349227 | -3.6006467 | 0.0009556 | 0.0009674 | -2.2259702 | NBPF10 | NBPF member 10 | ENSG00000271425 |
| -0.6439681 | 7.1435234 | -11.554017 | 1.27E-13 | 1.15E-12 | 20.569324 | WRAP53 | WD repeat containing antisense to TP53 | ENSG00000141499 |
| -0.6438117 | 7.2606076 | -5.5217857 | 3.10E-06 | 3.78E-06 | 3.4078743 | MIR6758 | microRNA 6758 | ENSG00000284152 |
| -0.6432894 | 7.428626 | -13.261744 | 2.28E-15 | 5.14E-14 | 24.644984 | C2CD3 | C2 domain containing 3 centriole elongation regulator | ENSG00000168014 |
| -0.6431862 | 6.8296952 | -12.277116 | 2.22E-14 | 3.01E-13 | 22.338584 | UNC13A | unc-13 homolog A | ENSG00000130477 |
| -0.642831 | 9.4597476 | -5.5962689 | 2.46E-06 | 3.03E-06 | 3.6355539 | GTF2I | general transcription factor IIi | ENSG00000263001 |
| -0.6421823 | 9.0295048 | -6.6437513 | 1.00E-07 | 1.63E-07 | 6.8404477 | TIMM22 | translocase of inner mitochondrial membrane 22 | ENSG00000177370 |
| -0.6418344 | 7.571065 | -5.2061152 | 8.15E-06 | 9.55E-06 | 2.4461082 | MEG3 | maternally expressed 3 | ENSG00000214548 |
| -0.6416754 | 8.3225913 | -12.743815 | 7.45E-15 | 1.13E-13 | 23.446253 | NARF | nuclear prelamin A recognition factor | ENSG00000141562 |
| -0.641188 | 6.995037 | -12.347964 | 1.88E-14 | 2.60E-13 | 22.508441 | XYLB | xylulokinase | ENSG00000093217 |
| -0.6404621 | 7.5444011 | -10.290056 | 3.14E-12 | 1.78E-11 | 17.316847 | GUSBP11 | GUSB pseudogene 11 | ENSG00000228315 |
| -0.63975 | 9.4015666 | -7.2737138 | 1.50E-08 | 2.95E-08 | 8.7473551 | BAZ1B | bromodomain adjacent to zinc finger domain 1B | ENSG00000009954 |
| -0.6395833 | 7.7931808 | -6.683517 | 8.88E-08 | 1.47E-07 | 6.961548 | ZBED3 | zinc finger BED-type containing 3 | ENSG00000132846 |
| -0.6389207 | 7.5800644 | -5.3334168 | 5.52E-06 | 6.56E-06 | 2.8332273 | CEND1 | cell cycle exit and neuronal differentiation 1 | ENSG00000184524 |
| -0.6388034 | 8.041084 | -10.919961 | 6.18E-13 | 4.38E-12 | 18.963494 | MVD | mevalonate diphosphate decarboxylase | ENSG00000167508 |
| -0.6385333 | 6.7280407 | -6.5696776 | 1.25E-07 | 1.98E-07 | 6.6146608 | LOC400553 | uncharacterized LOC400553 | ENSG00000205037 |
| -0.6383167 | 7.0021111 | -8.038322 | 1.58E-09 | 3.85E-09 | 11.01787 | ENHO | energy homeostasis associated | ENSG00000168913 |
| -0.6375978 | 6.2121898 | -5.240209 | 7.34E-06 | 8.65E-06 | 2.5496709 | ADAMTS19-AS1 | ADAMTS19 antisense RNA 1 | ENSG00000249421 |
| -0.6375334 | 7.3652603 | -11.755448 | 7.76E-14 | 7.66E-13 | 21.068758 | C11orf80 | chromosome 11 open reading frame 80 | ENSG00000173715 |
| -0.6364756 | 7.8134213 | -7.0517418 | 2.92E-08 | 5.33E-08 | 8.078543 | CNN2P6 | calponin 2 pseudogene 6 | ENSG00000213854 |
| -0.6359646 | 8.6664955 | -6.5051 | 1.53E-07 | 2.35E-07 | 6.4176159 | TRPC4AP | transient receptor potential cation channel subfamily C member 4 associated protein | ENSG00000100991 |
| -0.6356917 | 9.0716378 | -8.3529433 | 6.39E-10 | 1.69E-09 | 11.93478 | NCS1 | neuronal calcium sensor 1 | ENSG00000107130 |
| -0.6354051 | 7.5490226 | -11.656889 | 9.86E-14 | 9.06E-13 | 20.825028 | ARID3A | AT-rich interaction domain 3A | ENSG00000116017 |
| -0.6353657 | 8.1805591 | -7.0364886 | 3.06E-08 | 5.54E-08 | 8.0324487 | PLXNB2 | plexin B2 | ENSG00000196576 |
| -0.6353552 | 6.3003565 | -3.9827269 | 0.0003199 | 0.0003311 | -1.1664439 | PCDHGA9 | protocadherin gamma subfamily A, 9 | ENSG00000261934 |
| -0.6351403 | 7.5066168 | -10.362082 | 2.60E-12 | 1.53E-11 | 17.507738 | SPTBN2 | spectrin beta, non-erythrocytic 2 | ENSG00000173898 |
| -0.6349592 | 7.0863036 | -14.319763 | 2.25E-16 | 6.97E-15 | 26.997848 | CNGB1 | cyclic nucleotide gated channel subunit beta 1 | ENSG00000070729 |
| -0.6345834 | 6.6155854 | -8.0989124 | 1.33E-09 | 3.32E-09 | 11.195294 | LOC105375191 | uncharacterized LOC105375191 | NA |
| -0.6337888 | 6.8107585 | -16.875123 | 1.33E-18 | 4.15E-16 | 32.195888 | NKD1 | NKD inhibitor of WNT signaling pathway 1 | ENSG00000140807 |
| -0.6337571 | 7.4284334 | -3.6114393 | 0.000927 | 0.0009414 | -2.1966903 | PDE4DIPP1 | PDE4DIP pseudogene 1 | NA |
| -0.6337237 | 7.7406969 | -8.2691785 | 8.13E-10 | 2.10E-09 | 11.691734 | CDK10 | cyclin dependent kinase 10 | ENSG00000185324 |
| -0.6335299 | 7.896862 | -7.4479326 | 8.96E-09 | 1.85E-08 | 9.2694924 | SNN | stannin | ENSG00000184602 |
| -0.633183 | 6.7788773 | -2.7290999 | 0.0097901 | 0.0097901 | -4.4304027 | LOC101928041 | ankyrin repeat domain-containing protein 20A2-like | NA |
| -0.6331595 | 6.5946472 | -5.0966425 | 1.14E-05 | 1.32E-05 | 2.11422 | MIR645 | microRNA 645 | ENSG00000208018 |
| -0.6329572 | 6.5876705 | -18.531127 | 6.55E-20 | 4.27E-17 | 35.241692 | RBFOX1 | RNA binding fox-1 homolog 1 | ENSG00000078328 |
| -0.6323487 | 8.065735 | -8.9400079 | 1.21E-10 | 4.05E-10 | 13.615204 | POLR3H | RNA polymerase III subunit H | ENSG00000100413 |
| -0.6316857 | 9.7215112 | -9.3458578 | 3.94E-11 | 1.59E-10 | 14.752387 | LMNB1 | lamin B1 | ENSG00000113368 |
| -0.631561 | 9.0495066 | -4.497703 | 6.98E-05 | 7.57E-05 | 0.3228785 | WNK1 | WNK lysine deficient protein kinase 1 | ENSG00000060237 |
| -0.6315182 | 8.1600237 | -10.218991 | 3.78E-12 | 2.09E-11 | 17.12784 | TNKS | tankyrase | ENSG00000173273 |
| -0.6311112 | 7.1016071 | -10.941098 | 5.86E-13 | 4.20E-12 | 19.017859 | LZTS1 | leucine zipper tumor suppressor 1 | ENSG00000061337 |
| -0.6310797 | 7.0610741 | -11.7241 | 8.37E-14 | 8.15E-13 | 20.991367 | HPS4 | HPS4 biogenesis of lysosomal organelles complex 3 subunit 2 | ENSG00000100099 |
| -0.6309179 | 6.8891398 | -10.878119 | 6.88E-13 | 4.72E-12 | 18.855708 | CNNM2 | cyclin and CBS domain divalent metal cation transport mediator 2 | ENSG00000148842 |
| -0.6307561 | 8.5883167 | -7.4532122 | 8.82E-09 | 1.83E-08 | 9.2852744 | ANXA6 | annexin A6 | ENSG00000197043 |
| -0.6300077 | 8.8414738 | -8.5287593 | 3.87E-10 | 1.07E-09 | 12.442308 | CDK5RAP1 | CDK5 regulatory subunit associated protein 1 | ENSG00000101391 |
| -0.6296421 | 7.3540147 | -9.1095901 | 7.56E-11 | 2.74E-10 | 14.092868 | RNF24 | ring finger protein 24 | ENSG00000101236 |
| -0.6294971 | 6.8181531 | -11.116818 | 3.76E-13 | 2.98E-12 | 19.467576 | FAM131B | family with sequence similarity 131 member B | ENSG00000159784 |
| -0.6293639 | 7.7473582 | -7.2669313 | 1.54E-08 | 2.98E-08 | 8.7269764 | TOM1L2 | target of myb1 like 2 membrane trafficking protein | ENSG00000175662 |
| -0.6290655 | 7.1280294 | -6.3733146 | 2.28E-07 | 3.36E-07 | 6.0149891 | NFE2L3P2 | nuclear factor, erythroid 2 like 3 pseudogene 2 | NA |
| -0.628781 | 7.9389424 | -8.9597052 | 1.15E-10 | 3.88E-10 | 13.670868 | KCTD20 | potassium channel tetramerization domain containing 20 | ENSG00000112078 |
| -0.6287197 | 8.0617297 | -6.7068939 | 8.28E-08 | 1.38E-07 | 7.0327006 | HDAC5 | histone deacetylase 5 | ENSG00000108840 |
| -0.628409 | 6.3154503 | -13.375402 | 1.77E-15 | 4.12E-14 | 24.903831 | TACR3 | tachykinin receptor 3 | ENSG00000169836 |
| -0.6277494 | 7.2674751 | -9.8566299 | 9.88E-12 | 4.64E-11 | 16.153922 | BRD1 | bromodomain containing 1 | ENSG00000100425 |
| -0.6273173 | 7.8677041 | -9.111554 | 7.52E-11 | 2.74E-10 | 14.098379 | TCF20 | transcription factor 20 | ENSG00000100207 |
| -0.6269042 | 7.7665588 | -11.033681 | 4.64E-13 | 3.47E-12 | 19.2553 | CREB3L4 | cAMP responsive element binding protein 3 like 4 | ENSG00000143578 |
| -0.6268774 | 7.5583701 | -5.2508948 | 7.10E-06 | 8.39E-06 | 2.582148 | RPL13P5 | ribosomal protein L13 pseudogene 5 | ENSG00000240370 |
| -0.626767 | 7.151979 | -9.237984 | 5.30E-11 | 2.01E-10 | 14.452137 | CTC-338M12.4 | uncharacterized LOC101928649 | ENSG00000233937 |
| -0.6261767 | 7.4273084 | -7.0796744 | 2.69E-08 | 4.94E-08 | 8.1629101 | DPH1 | diphthamide biosynthesis 1 | ENSG00000108963 |
| -0.6259019 | 5.8835064 | -8.9212821 | 1.28E-10 | 4.21E-10 | 13.562242 | ZNF876P | zinc finger protein 876, pseudogene | ENSG00000198155 |
| -0.6254458 | 6.7709011 | -6.3082809 | 2.78E-07 | 4.00E-07 | 5.8160843 | ZNF710-AS1 | ZNF710 antisense RNA 1 | ENSG00000259291 |
| -0.6250977 | 6.7059971 | -15.651638 | 1.43E-17 | 1.17E-15 | 29.787921 | ACSF3 | acyl-CoA synthetase family member 3 | ENSG00000176715 |
| -0.6250414 | 7.9274269 | -8.8861587 | 1.41E-10 | 4.60E-10 | 13.462786 | CCDC134 | coiled-coil domain containing 134 | ENSG00000100147 |
| -0.6249092 | 7.371816 | -9.2516592 | 5.11E-11 | 1.97E-10 | 14.490281 | DET1 | DET1 partner of COP1 E3 ubiquitin ligase | ENSG00000140543 |
| -0.6239028 | 8.9660585 | -9.5862117 | 2.05E-11 | 8.96E-11 | 15.416067 | ADGRA3 | adhesion G protein-coupled receptor A3 | ENSG00000152990 |
| -0.6228393 | 7.4633522 | -7.9755431 | 1.90E-09 | 4.52E-09 | 10.833624 | CNNM3 | cyclin and CBS domain divalent metal cation transport mediator 3 | ENSG00000168763 |
| -0.6227064 | 7.3215733 | -6.6284963 | 1.05E-07 | 1.69E-07 | 6.79397 | RAD54L2 | RAD54 like 2 | ENSG00000164080 |
| -0.6224865 | 6.6875238 | -15.530792 | 1.83E-17 | 1.32E-15 | 29.54226 | TRAF3IP2-AS1 | TRAF3IP2 antisense RNA 1 | ENSG00000231889 |
| -0.6221601 | 7.3410356 | -12.17311 | 2.84E-14 | 3.49E-13 | 22.08811 | DEPDC5 | DEP domain containing 5, GATOR1 subcomplex subunit | ENSG00000100150 |
| -0.6213073 | 7.5581546 | -9.8862854 | 9.13E-12 | 4.31E-11 | 16.234265 | PAN2 | poly(A) specific ribonuclease subunit PAN2 | ENSG00000135473 |
| -0.6207575 | 9.7015483 | -5.369859 | 4.93E-06 | 5.88E-06 | 2.944247 | ADRM1 | adhesion regulating molecule 1 | ENSG00000130706 |
| -0.6198433 | 8.0522153 | -7.8570534 | 2.69E-09 | 6.25E-09 | 10.484752 | EMC8 | ER membrane protein complex subunit 8 | ENSG00000131148 |
| -0.619822 | 7.3531629 | -10.34122 | 2.74E-12 | 1.58E-11 | 17.452516 | MTMR3 | myotubularin related protein 3 | ENSG00000100330 |
| -0.6188218 | 8.9772662 | -6.4289813 | 1.93E-07 | 2.89E-07 | 6.1851374 | FAM83D | family with sequence similarity 83 member D | ENSG00000101447 |
| -0.6181213 | 6.6575325 | -4.3549489 | 0.0001069 | 0.0001134 | -0.095767 | LOC105375686 | uncharacterized LOC105375686 | NA |
| -0.6179234 | 7.6493079 | -8.8645869 | 1.50E-10 | 4.83E-10 | 13.401628 | APBA2 | amyloid beta precursor protein binding family A member 2 | ENSG00000034053 |
| -0.6176122 | 8.9858361 | -8.6621637 | 2.65E-10 | 7.81E-10 | 12.825 | PHF10 | PHD finger protein 10 | ENSG00000130024 |
| -0.6175717 | 8.330051 | -4.6432341 | 4.51E-05 | 4.95E-05 | 0.753453 | LOC101929540 | uncharacterized LOC101929540 | NA |
| -0.6166752 | 6.6634451 | -15.030004 | 5.06E-17 | 2.50E-15 | 28.508567 | XRRA1 | X-ray radiation resistance associated 1 | ENSG00000166435 |
| -0.6166687 | 6.4241604 | -6.2752148 | 3.08E-07 | 4.36E-07 | 5.7149063 | MIR3612 | microRNA 3612 | ENSG00000265635 |
| -0.6166457 | 7.2734122 | -11.188401 | 3.14E-13 | 2.59E-12 | 19.649639 | MAPK8IP2 | mitogen-activated protein kinase 8 interacting protein 2 | ENSG00000008735 |
| -0.6166327 | 7.1679109 | -5.8648193 | 1.08E-06 | 1.40E-06 | 4.4577569 | C11orf96 | chromosome 11 open reading frame 96 | ENSG00000187479 |
| -0.6165967 | 6.2695933 | -8.0300713 | 1.62E-09 | 3.90E-09 | 10.993679 | ZNF674-AS1 | ZNF674 antisense RNA 1 (head to head) | ENSG00000230844 |
| -0.6157638 | 6.9211696 | -4.2576589 | 0.0001427 | 0.0001504 | -0.378725 | SNORA29 | small nucleolar RNA, H/ACA box 29 | ENSG00000206910 |
| -0.6153548 | 8.8034651 | -8.6995257 | 2.38E-10 | 7.16E-10 | 12.931801 | UBE2I | ubiquitin conjugating enzyme E2 I | ENSG00000103275 |
| -0.6151121 | 8.1882984 | -6.6391428 | 1.02E-07 | 1.64E-07 | 6.8264082 | MON1B | MON1 homolog B, secretory trafficking associated | ENSG00000103111 |
| -0.6146814 | 7.3582665 | -7.193979 | 1.91E-08 | 3.64E-08 | 8.5075487 | ZNF37BP | zinc finger protein 37B, pseudogene | ENSG00000234420 |
| -0.6145154 | 7.0581319 | -10.051542 | 5.88E-12 | 3.07E-11 | 16.679901 | PAXIP1-DT | PAXIP1 divergent transcript | ENSG00000273344 |
| -0.6142495 | 8.1640334 | -6.5122685 | 1.49E-07 | 2.30E-07 | 6.4394977 | CLSTN1 | calsyntenin 1 | ENSG00000171603 |
| -0.6138705 | 6.9806036 | -11.120837 | 3.72E-13 | 2.98E-12 | 19.477816 | TP73-AS1 | TP73 antisense RNA 1 | ENSG00000227372 |
| -0.6129899 | 8.0482887 | -8.8403705 | 1.60E-10 | 5.09E-10 | 13.332906 | ANKRD13B | ankyrin repeat domain 13B | ENSG00000198720 |
| -0.6129484 | 5.9259527 | -6.9932499 | 3.49E-08 | 6.23E-08 | 7.9016952 | GTF2IP6 | general transcription factor IIi pseudogene 6 | NA |
| -0.6128866 | 9.2415659 | -4.9304307 | 1.89E-05 | 2.12E-05 | 1.6124999 | NCBP2AS2 | NCBP2 antisense 2 (head to head) | ENSG00000270170 |
| -0.6125205 | 5.5265612 | -4.283554 | 0.0001322 | 0.0001395 | -0.3036098 | MICOS10P1 | MICOS10 pseudogene 1 | NA |
| -0.6112257 | 7.901248 | -8.2549504 | 8.47E-10 | 2.17E-09 | 11.650373 | EIF5A | eukaryotic translation initiation factor 5A | ENSG00000132507 |
| -0.6110404 | 7.7769793 | -10.793593 | 8.53E-13 | 5.56E-12 | 18.637275 | CENPM | centromere protein M | ENSG00000100162 |
| -0.6109997 | 7.1785691 | -3.1725731 | 0.0031006 | 0.0031102 | -3.3514226 | PKD1P3 | polycystin 1, transient receptor potential channel interacting pseudogene 3 | ENSG00000183458 |
| -0.6107429 | 7.8359402 | -7.0982919 | 2.54E-08 | 4.72E-08 | 8.2191104 | TMPOP2 | thymopoietin pseudogene 2 | ENSG00000262904 |
| -0.6104312 | 6.929102 | -13.598098 | 1.08E-15 | 2.60E-14 | 25.40669 | LARGE1 | LARGE xylosyl- and glucuronyltransferase 1 | ENSG00000133424 |
| -0.6101599 | 7.0056842 | -7.7364519 | 3.82E-09 | 8.57E-09 | 10.128194 | LOC152845 | PLAG1 like zinc finger 2 pseudogene | ENSG00000214980 |
| -0.6095226 | 7.5883472 | -9.3406189 | 4.00E-11 | 1.60E-10 | 14.737839 | TOM1 | target of myb1 membrane trafficking protein | ENSG00000100284 |
| -0.6089861 | 6.5521488 | -9.381725 | 3.57E-11 | 1.47E-10 | 14.851892 | ZNF682 | zinc finger protein 682 | ENSG00000197124 |
| -0.6086414 | 6.7867063 | -3.9594743 | 0.0003423 | 0.0003531 | -1.2321753 | LOC105375426 | uncharacterized LOC105375426 | NA |
| -0.608543 | 8.6578904 | -9.1878173 | 6.09E-11 | 2.24E-10 | 14.312007 | NFATC3 | nuclear factor of activated T cells 3 | ENSG00000072736 |
| -0.60851 | 7.7908584 | -13.079487 | 3.45E-15 | 6.62E-14 | 24.226762 | NDEL1 | nudE neurodevelopment protein 1 like 1 | ENSG00000166579 |
| -0.6083949 | 7.7135916 | -13.198123 | 2.64E-15 | 5.49E-14 | 24.499435 | TTC39C | tetratricopeptide repeat domain 39C | ENSG00000168234 |
| -0.6082467 | 8.5419312 | -7.7658911 | 3.51E-09 | 7.94E-09 | 10.215365 | KAT6A | lysine acetyltransferase 6A | ENSG00000083168 |
| -0.6078538 | 7.047985 | -8.8049208 | 1.77E-10 | 5.50E-10 | 13.232176 | BAGE2 | BAGE family member 2 | ENSG00000187172 |
| -0.6078225 | 7.4652077 | -8.6488655 | 2.75E-10 | 8.08E-10 | 12.786946 | ZFP64 | ZFP64 zinc finger protein | ENSG00000020256 |
| -0.6073259 | 6.7439215 | -9.388074 | 3.51E-11 | 1.46E-10 | 14.869489 | ELFN1 | extracellular leucine rich repeat and fibronectin type III domain containing 1 | ENSG00000225968 |
| -0.6072418 | 7.0638073 | -10.491835 | 1.85E-12 | 1.11E-11 | 17.849923 | STRBP | spermatid perinuclear RNA binding protein | ENSG00000165209 |
| -0.6068691 | 7.788633 | -9.2720328 | 4.83E-11 | 1.87E-10 | 14.547065 | ABHD17B | abhydrolase domain containing 17B, depalmitoylase | ENSG00000107362 |
| -0.60602 | 7.6976428 | -14.079824 | 3.76E-16 | 1.11E-14 | 26.475234 | GAS8 | growth arrest specific 8 | ENSG00000141013 |
| -0.6050565 | 8.3309691 | -11.047869 | 4.47E-13 | 3.39E-12 | 19.29159 | PSPC1 | paraspeckle component 1 | ENSG00000121390 |
| -0.6048371 | 7.2443947 | -12.92631 | 4.89E-15 | 8.40E-14 | 23.872253 | CYB5D2 | cytochrome b5 domain containing 2 | ENSG00000167740 |
| -0.6044676 | 5.7443173 | -5.0875647 | 1.17E-05 | 1.36E-05 | 2.0867463 | LOC105374144 | uncharacterized LOC105374144 | NA |
| -0.6041342 | 6.5805019 | -12.207267 | 2.62E-14 | 3.28E-13 | 22.170516 | AIF1L | allograft inflammatory factor 1 like | ENSG00000126878 |
| -0.6034199 | 9.9328251 | -3.3924665 | 0.0017062 | 0.001722 | -2.7824176 | SMG1P2 | SMG1 pseudogene 2 | NA |
| -0.603106 | 7.7033184 | -6.4172418 | 2.00E-07 | 2.98E-07 | 6.1492639 | ADGRL1 | adhesion G protein-coupled receptor L1 | ENSG00000072071 |
| -0.603029 | 7.791184 | -8.1614272 | 1.11E-09 | 2.80E-09 | 11.377937 | RNF185 | ring finger protein 185 | ENSG00000138942 |
| -0.6027489 | 7.4861255 | -6.5618748 | 1.28E-07 | 2.01E-07 | 6.5908617 | CBFA2T2 | CBFA2/RUNX1 partner transcriptional co-repressor 2 | ENSG00000078699 |
| -0.6026164 | 6.515722 | -9.3053733 | 4.41E-11 | 1.72E-10 | 14.639877 | SIX4 | SIX homeobox 4 | ENSG00000100625 |
| -0.602504 | 7.0155969 | -10.185418 | 4.13E-12 | 2.24E-11 | 17.038323 | ATG7 | autophagy related 7 | ENSG00000197548 |
| -0.6024676 | 8.9032619 | -5.8789815 | 1.04E-06 | 1.35E-06 | 4.5011494 | H2AC17 | H2A clustered histone 17 | ENSG00000278677 |
| -0.6023542 | 7.1263297 | -6.8142406 | 5.98E-08 | 1.03E-07 | 7.3590465 | AQP1 | aquaporin 1 (Colton blood group) | ENSG00000240583 |
| -0.601889 | 7.3664981 | -9.4728332 | 2.79E-11 | 1.18E-10 | 15.103916 | TACC2 | transforming acidic coiled-coil containing protein 2 | ENSG00000138162 |
| -0.601216 | 7.3938995 | -8.4107343 | 5.41E-10 | 1.45E-09 | 12.101998 | MPST | mercaptopyruvate sulfurtransferase | ENSG00000128309 |
| -0.6009103 | 6.1673138 | -8.1305035 | 1.21E-09 | 3.04E-09 | 11.287644 | PARM1 | prostate androgen-regulated mucin-like protein 1 | ENSG00000169116 |
| -0.6003823 | 6.847251 | -11.684519 | 9.22E-14 | 8.59E-13 | 20.893477 | LOXL3 | lysyl oxidase like 3 | ENSG00000115318 |
| -0.6002837 | 6.4892889 | -9.2420904 | 5.24E-11 | 2.01E-10 | 14.463594 | ULBP1 | UL16 binding protein 1 | ENSG00000111981 |
| -0.6002545 | 7.5535148 | -9.6862817 | 1.56E-11 | 6.97E-11 | 15.690211 | CNIH2 | cornichon family AMPA receptor auxiliary protein 2 | ENSG00000174871 |
| -0.5996285 | 8.5372771 | -9.037719 | 9.23E-11 | 3.26E-10 | 13.890862 | ATF4 | activating transcription factor 4 | ENSG00000128272 |
| -0.5995435 | 7.5210649 | -8.4458352 | 4.90E-10 | 1.33E-09 | 12.203375 | MRTFB | myocardin related transcription factor B | ENSG00000186260 |
| -0.5990669 | 7.0252313 | -8.2459852 | 8.69E-10 | 2.22E-09 | 11.624299 | KIAA1549L | KIAA1549 like | ENSG00000110427 |
| -0.5987222 | 8.9157316 | -5.5195266 | 3.12E-06 | 3.80E-06 | 3.4009723 | PRPH | peripherin | ENSG00000135406 |
| -0.5985167 | 7.8684256 | -8.5476499 | 3.66E-10 | 1.03E-09 | 12.496626 | TOP3B | DNA topoisomerase III beta | ENSG00000100038 |
| -0.5984048 | 9.772236 | -8.7712906 | 1.95E-10 | 5.96E-10 | 13.136476 | TMPO | thymopoietin | ENSG00000120802 |
| -0.5983586 | 8.175748 | -6.1099697 | 5.10E-07 | 6.93E-07 | 5.2089207 | CLUH | clustered mitochondria homolog | ENSG00000132361 |
| -0.5978976 | 8.9779207 | -6.1473767 | 4.55E-07 | 6.23E-07 | 5.3235044 | ALDH1B1 | aldehyde dehydrogenase 1 family member B1 | ENSG00000137124 |
| -0.5978617 | 9.094551 | -9.9907569 | 6.91E-12 | 3.46E-11 | 16.516398 | RFWD3 | ring finger and WD repeat domain 3 | ENSG00000168411 |
| -0.5975945 | 7.5454621 | -7.3264663 | 1.29E-08 | 2.56E-08 | 8.9057267 | MSX2 | msh homeobox 2 | ENSG00000120149 |
| -0.5972377 | 6.7840832 | -11.891451 | 5.58E-14 | 5.96E-13 | 21.403078 | BCL11B | BAF chromatin remodeling complex subunit BCL11B | ENSG00000127152 |
| -0.5970985 | 7.773255 | -8.0633672 | 1.47E-09 | 3.65E-09 | 11.091257 | RBM38 | RNA binding motif protein 38 | ENSG00000132819 |
| -0.5969815 | 6.0895305 | -16.683876 | 1.91E-18 | 4.15E-16 | 31.828729 | LPL | lipoprotein lipase | ENSG00000175445 |
| -0.5965886 | 7.3167456 | -9.0824499 | 8.16E-11 | 2.92E-10 | 14.016661 | ALOX12-AS1 | ALOX12 antisense RNA 1 | ENSG00000215067 |
| -0.5965877 | 6.3452587 | -16.156294 | 5.28E-18 | 6.89E-16 | 30.798346 | MROH8 | maestro heat like repeat family member 8 | ENSG00000101353 |
| -0.5964857 | 7.6828242 | -6.9320151 | 4.19E-08 | 7.39E-08 | 7.7163017 | SOGA1 | suppressor of glucose, autophagy associated 1 | ENSG00000149639 |
| -0.5963265 | 10.312674 | -12.863747 | 5.65E-15 | 9.28E-14 | 23.726659 | C1QBP | complement C1q binding protein | ENSG00000108561 |
| -0.596256 | 6.4194792 | -10.043239 | 6.01E-12 | 3.11E-11 | 16.657597 | SH3BP5-AS1 | SH3BP5 antisense RNA 1 | ENSG00000224660 |
| -0.5961256 | 7.8282765 | -7.9365893 | 2.13E-09 | 5.03E-09 | 10.719092 | L3MBTL2 | L3MBTL histone methyl-lysine binding protein 2 | ENSG00000100395 |
| -0.5960786 | 8.3984658 | -7.3420173 | 1.23E-08 | 2.45E-08 | 8.9523693 | KMT2E | lysine methyltransferase 2E (inactive) | ENSG00000005483 |
| -0.5957739 | 7.546143 | -10.914415 | 6.27E-13 | 4.40E-12 | 18.949219 | GYG2 | glycogenin 2 | ENSG00000056998 |
| -0.5956462 | 7.0442522 | -8.5074097 | 4.11E-10 | 1.13E-09 | 12.380869 | ZNF425 | zinc finger protein 425 | ENSG00000204947 |
| -0.5955258 | 6.6268939 | -15.001503 | 5.37E-17 | 2.50E-15 | 28.448966 | ASTN1 | astrotactin 1 | ENSG00000152092 |
| -0.5954477 | 7.3327173 | -5.0847571 | 1.18E-05 | 1.36E-05 | 2.0782511 | MIRLET7I | microRNA let-7i | ENSG00000199179 |
| -0.5947813 | 7.5512596 | -7.3617537 | 1.16E-08 | 2.32E-08 | 9.0115354 | ADAL | adenosine deaminase like | ENSG00000168803 |
| -0.5945936 | 9.1605812 | -11.071464 | 4.21E-13 | 3.27E-12 | 19.351883 | TSR1 | TSR1 ribosome maturation factor | ENSG00000167721 |
| -0.594155 | 8.8445358 | -7.8847226 | 2.48E-09 | 5.80E-09 | 10.566349 | UBE2R2 | ubiquitin conjugating enzyme E2 R2 | ENSG00000107341 |
| -0.5941057 | 7.550475 | -8.3460491 | 6.52E-10 | 1.72E-09 | 11.914807 | TSPAN18 | tetraspanin 18 | ENSG00000157570 |
| -0.593743 | 7.5253658 | -8.615165 | 3.03E-10 | 8.69E-10 | 12.690416 | MTURN | maturin, neural progenitor differentiation regulator homolog | ENSG00000180354 |
| -0.5932755 | 7.2358688 | -11.994541 | 4.35E-14 | 4.73E-13 | 21.654952 | JPH4 | junctophilin 4 | ENSG00000092051 |
| -0.592431 | 6.6419038 | -6.3645529 | 2.34E-07 | 3.44E-07 | 5.9881991 | LOC101927551 | uncharacterized LOC101927551 | ENSG00000230922 |
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| -0.591356 | 5.9545998 | -5.0132503 | 1.47E-05 | 1.68E-05 | 1.8621375 | SNORD116-27 | small nucleolar RNA, C/D box 116-27 | ENSG00000251896 |
| -0.591254 | 8.6808098 | -6.503051 | 1.54E-07 | 2.35E-07 | 6.4113609 | INCENP | inner centromere protein | ENSG00000149503 |
| -0.590928 | 6.106226 | -4.0637054 | 0.0002526 | 0.0002631 | -0.9363944 | LOC105373064 | uncharacterized LOC105373064 | NA |
| -0.5898385 | 9.5385082 | -6.4140268 | 2.02E-07 | 3.00E-07 | 6.1394385 | SAFB | scaffold attachment factor B | ENSG00000160633 |
| -0.5897241 | 6.6529655 | -10.818728 | 8.00E-13 | 5.32E-12 | 18.702325 | MGARP | mitochondria localized glutamic acid rich protein | ENSG00000137463 |
| -0.5892383 | 6.82944 | -7.6526513 | 4.89E-09 | 1.07E-08 | 9.8795928 | EMILIN3 | elastin microfibril interfacer 3 | ENSG00000183798 |
| -0.5891731 | 7.4117048 | -10.221813 | 3.75E-12 | 2.09E-11 | 17.135358 | KIF24 | kinesin family member 24 | ENSG00000186638 |
| -0.5891387 | 6.2898222 | -6.8866626 | 4.81E-08 | 8.39E-08 | 7.5788338 | LINC01357 | long intergenic non-protein coding RNA 1357 | NA |
| -0.5885592 | 7.2989371 | -7.2688814 | 1.53E-08 | 2.97E-08 | 8.7328361 | RUSC2 | RUN and SH3 domain containing 2 | ENSG00000198853 |
| -0.5884377 | 8.3313344 | -9.1035191 | 7.69E-11 | 2.77E-10 | 14.075829 | KLHDC10 | kelch domain containing 10 | ENSG00000128607 |
| -0.5881115 | 6.438135 | -9.5627071 | 2.18E-11 | 9.48E-11 | 15.35149 | ZBED3-AS1 | ZBED3 antisense RNA 1 | ENSG00000250802 |
| -0.5879339 | 7.481295 | -6.4313736 | 1.91E-07 | 2.87E-07 | 6.1924471 | LOC100131280 | integrin alpha FG-GAP repeat containing 2 pseudogene | NA |
| -0.5876393 | 7.1376591 | -10.303424 | 3.03E-12 | 1.73E-11 | 17.352326 | CRELD1 | cysteine rich with EGF like domains 1 | ENSG00000163703 |
| -0.586878 | 7.0469284 | -10.087879 | 5.34E-12 | 2.83E-11 | 16.777415 | MTHFSD | methenyltetrahydrofolate synthetase domain containing | ENSG00000103248 |
| -0.586866 | 8.1423044 | -6.2276044 | 3.56E-07 | 4.97E-07 | 5.5691773 | LOC652276 | potassium channel tetramerization domain containing 5 pseudogene | ENSG00000215154 |
| -0.5858975 | 9.1305023 | -9.2119233 | 5.70E-11 | 2.14E-10 | 14.379382 | ITCH | itchy E3 ubiquitin protein ligase | ENSG00000078747 |
| -0.5857936 | 8.3021152 | -9.3638463 | 3.75E-11 | 1.53E-10 | 14.802312 | RHNO1 | RAD9-HUS1-RAD1 interacting nuclear orphan 1 | ENSG00000171792 |
| -0.5854777 | 8.8595375 | -5.2153176 | 7.92E-06 | 9.30E-06 | 2.4740522 | USP5 | ubiquitin specific peptidase 5 | ENSG00000111667 |
| -0.5853574 | 8.4527482 | -5.7469173 | 1.55E-06 | 1.97E-06 | 4.0965994 | ZSWIM1 | zinc finger SWIM-type containing 1 | ENSG00000168612 |
| -0.5848778 | 6.2740497 | -14.881573 | 6.88E-17 | 2.99E-15 | 28.197247 | LINC00958 | long intergenic non-protein coding RNA 958 | ENSG00000251381 |
| -0.5841375 | 8.2393789 | -7.2906344 | 1.43E-08 | 2.81E-08 | 8.7981785 | LCOR | ligand dependent nuclear receptor corepressor | ENSG00000196233 |
| -0.5840529 | 6.9208176 | -11.694527 | 9.00E-14 | 8.50E-13 | 20.918248 | METAP1D | methionyl aminopeptidase type 1D, mitochondrial | ENSG00000172878 |
| -0.5832239 | 6.534407 | -8.8777205 | 1.44E-10 | 4.68E-10 | 13.43887 | LINC01535 | long intergenic non-protein coding RNA 1535 | ENSG00000226686 |
| -0.582564 | 7.1345366 | -6.9972622 | 3.44E-08 | 6.17E-08 | 7.9138337 | YWHAEP1 | tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein epsilon pseudogene 1 | NA |
| -0.5823579 | 7.6235484 | -13.054156 | 3.65E-15 | 6.81E-14 | 24.168328 | KLHDC4 | kelch domain containing 4 | ENSG00000104731 |
| -0.5823523 | 8.376364 | -7.5987041 | 5.74E-09 | 1.23E-08 | 9.7191972 | RPL37 | ribosomal protein L37 | ENSG00000145592 |
| -0.5815846 | 7.0240449 | -6.6154203 | 1.09E-07 | 1.75E-07 | 6.7541217 | IGBP1P2 | immunoglobulin (CD79A) binding protein 1 pseudogene 2 | NA |
| -0.5815014 | 6.1035737 | -13.029769 | 3.86E-15 | 6.82E-14 | 24.112001 | LOC105374338 | uncharacterized LOC105374338 | ENSG00000283183 |
| -0.5814987 | 6.4419677 | -3.5969628 | 0.0009655 | 0.000976 | -2.235955 | LOC105375443 | uncharacterized LOC105375443 | NA |
| -0.581441 | 6.9236191 | -13.193222 | 2.67E-15 | 5.49E-14 | 24.488203 | PLPP4 | phospholipid phosphatase 4 | ENSG00000203805 |
| -0.5812099 | 7.3086418 | -10.963442 | 5.54E-13 | 4.01E-12 | 19.075264 | STARD10 | StAR related lipid transfer domain containing 10 | ENSG00000214530 |
| -0.5811944 | 8.4551223 | -12.653998 | 9.17E-15 | 1.36E-13 | 23.235131 | EZH2 | enhancer of zeste 2 polycomb repressive complex 2 subunit | ENSG00000106462 |
| -0.5808801 | 6.9427136 | -12.851316 | 5.81E-15 | 9.28E-14 | 23.697675 | CNN1 | calponin 1 | ENSG00000130176 |
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| -0.5803706 | 9.3146664 | -8.6299772 | 2.90E-10 | 8.44E-10 | 12.73286 | XPO5 | exportin 5 | ENSG00000124571 |