|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Appendix Table 2. Gene expression in non-transected SK-N-AS cells vs. SK-N-DZ cells for genes 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 2.1 | | | | | | | | |
| **Genes suppressed by irradiation, 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 |
| 0.847277 | 6.019753 | 6.926423 | 4.26E-08 | 8.05E-08 | 7.677687 | LINC01109 | long intergenic non-protein coding RNA 1109 | NA |
| 0.815451 | 8.119381 | 8.545604 | 3.69E-10 | 1.12E-09 | 12.46985 | IGHV4-34 | immunoglobulin heavy variable 4-34 | ENSG00000211956 |
| 0.794285 | 8.806994 | 7.154767 | 2.15E-08 | 4.31E-08 | 8.367861 | HERC2P3 | hect domain and RLD 2 pseudogene 3 | ENSG00000180229 |
| 0.770805 | 6.380195 | 5.24913 | 7.14E-06 | 8.77E-06 | 2.554476 | SNRPCP19 | small nuclear ribonucleoprotein polypeptide C pseudogene 19 | NA |
| 0.762736 | 8.484667 | 3.822715 | 0.000508 | 0.000524 | -1.63837 | RASA4DP | RAS p21 protein activator 4CD, pseudogene | NA |
| 0.755599 | 5.857201 | 11.79929 | 6.97E-14 | 8.43E-13 | 21.15793 | NHLRC1 | NHL repeat containing E3 ubiquitin protein ligase 1 | ENSG00000187566 |
| 0.754124 | 8.342748 | 8.761553 | 2.00E-10 | 6.51E-10 | 13.08796 | LOC112268259 | uncharacterized LOC112268259 | NA |
| 0.749011 | 6.328663 | 4.337848 | 0.000113 | 0.00012 | -0.16823 | LOC105373206 | uncharacterized LOC105373206 | NA |
| 0.735865 | 6.934024 | 5.553927 | 2.81E-06 | 3.71E-06 | 3.483892 | MIR604 | microRNA 604 | ENSG00000207612 |
| 0.733808 | 6.571974 | 5.234679 | 7.46E-06 | 9.11E-06 | 2.510557 | TRBV29OR9-2 | T cell receptor beta variable 29/OR9-2 (non-functional) | ENSG00000223394 |
| 0.711704 | 5.8519 | 7.651075 | 4.92E-09 | 1.13E-08 | 9.853565 | MIR3975 | microRNA 3975 | ENSG00000283514 |
| 0.71118 | 6.687858 | 6.66319 | 9.45E-08 | 1.62E-07 | 6.877871 | LOC101927759 | uncharacterized LOC101927759 | NA |
| 0.703293 | 7.696604 | 7.440598 | 9.16E-09 | 1.99E-08 | 9.226122 | IFITM3P6 | IFITM3P pseudogene 6 | NA |
| 0.702742 | 6.599288 | 7.433037 | 9.37E-09 | 2.01E-08 | 9.203507 | PCDHGB7 | protocadherin gamma subfamily B, 7 | ENSG00000254122 |
| 0.699951 | 6.462358 | 10.30851 | 2.99E-12 | 1.81E-11 | 17.34595 | PPP1R26-AS1 | PPP1R26 antisense RNA 1 | ENSG00000225361 |
| 0.696974 | 9.121369 | 5.207366 | 8.12E-06 | 9.85E-06 | 2.427584 | NPIPB6 | nuclear pore complex interacting protein family member B6 | ENSG00000198156 |
| 0.690329 | 8.938004 | 5.234656 | 7.47E-06 | 9.11E-06 | 2.510484 | NPIPA5 | nuclear pore complex interacting protein family member A5 | ENSG00000183793 |
| 0.687421 | 6.164056 | 5.010494 | 1.48E-05 | 1.74E-05 | 1.831435 | LOC107984615 | uncharacterized LOC107984615 | NA |
| 0.675047 | 5.816306 | 6.012776 | 6.87E-07 | 1.02E-06 | 4.88909 | LOC642648 | uncharacterized LOC642648 | NA |
| 0.665508 | 5.792527 | 13.52492 | 1.27E-15 | 2.89E-14 | 25.22459 | BMX | BMX non-receptor tyrosine kinase | ENSG00000102010 |
| 0.663542 | 6.197744 | 4.624055 | 4.78E-05 | 5.27E-05 | 0.67401 | LOC105377543 | uncharacterized LOC105377543 | NA |
| 0.662722 | 6.483785 | 4.625731 | 4.75E-05 | 5.25E-05 | 0.678983 | MYO5BP2 | myosin VB pseudogene 2 | ENSG00000238245 |
| 0.661731 | 8.43216 | 5.540127 | 2.93E-06 | 3.85E-06 | 3.441711 | TNFRSF1A | TNF receptor superfamily member 1A | ENSG00000067182 |
| 0.660368 | 9.691053 | 7.562329 | 6.39E-09 | 1.42E-08 | 9.589505 | REEP5 | receptor accessory protein 5 | ENSG00000129625 |
| 0.65926 | 9.479087 | 5.022187 | 1.43E-05 | 1.68E-05 | 1.866739 | MIR1229 | microRNA 1229 | ENSG00000221394 |
| 0.657526 | 6.34258 | 8.301946 | 7.40E-10 | 2.12E-09 | 11.76588 | LOC646995 | tripartite motif-containing protein 38-like | NA |
| 0.656371 | 6.960882 | 12.6637 | 8.96E-15 | 1.45E-13 | 23.23978 | LITAF | lipopolysaccharide induced TNF factor | ENSG00000189067 |
| 0.654767 | 7.159645 | 9.265321 | 4.92E-11 | 1.90E-10 | 14.50787 | DACT3 | dishevelled binding antagonist of beta catenin 3 | ENSG00000197380 |
| 0.653431 | 6.600169 | 8.845663 | 1.58E-10 | 5.36E-10 | 13.3272 | RPP25 | ribonuclease P and MRP subunit p25 | ENSG00000178718 |
| 0.65213 | 7.719304 | 5.435655 | 4.03E-06 | 5.20E-06 | 3.122642 | OSTCP2 | oligosaccharyltransferase complex subunit pseudogene 2 | NA |
| 0.649899 | 7.219721 | 4.906346 | 2.03E-05 | 2.32E-05 | 1.517632 | CD248 | CD248 molecule | ENSG00000174807 |
| 0.649893 | 6.894308 | 5.935091 | 8.72E-07 | 1.27E-06 | 4.651011 | ASS1P12 | argininosuccinate synthetase 1 pseudogene 12 | ENSG00000237437 |
| 0.647712 | 7.312156 | 5.502939 | 3.28E-06 | 4.28E-06 | 3.328078 | AKR1C1 | aldo-keto reductase family 1 member C1 | ENSG00000187134 |
| 0.64767 | 6.477049 | 3.06086 | 0.004173 | 0.004194 | -3.65522 | MIR4421 | microRNA 4421 | ENSG00000265538 |
| 0.645746 | 7.749239 | 7.5637 | 6.36E-09 | 1.42E-08 | 9.593591 | STK36 | serine/threonine kinase 36 | ENSG00000163482 |
| 0.644986 | 6.956108 | 3.66828 | 0.000789 | 0.000808 | -2.06457 | RPS26P7 | ribosomal protein S26 pseudogene 7 | NA |
| 0.642498 | 7.681417 | 7.378695 | 1.10E-08 | 2.30E-08 | 9.040824 | LOC102724178 | filamin-B-like | ENSG00000258021 |
| 0.641151 | 8.70388 | 3.799119 | 0.000544 | 0.00056 | -1.70397 | MIR3135A | microRNA 3135a | ENSG00000266745 |
| 0.641076 | 6.70238 | 14.11262 | 3.50E-16 | 1.04E-14 | 26.53004 | PGPEP1 | pyroglutamyl-peptidase I | ENSG00000130517 |
| 0.639849 | 8.351322 | 6.894756 | 4.69E-08 | 8.69E-08 | 7.58169 | FUZ | fuzzy planar cell polarity protein | ENSG00000010361 |
| 0.639465 | 8.290523 | 11.59899 | 1.14E-13 | 1.22E-12 | 20.66229 | RRAS2 | RAS related 2 | ENSG00000133818 |
| 0.637021 | 7.035261 | 6.054631 | 6.04E-07 | 9.24E-07 | 5.017357 | ZNF284 | zinc finger protein 284 | ENSG00000186026 |
| 0.636375 | 10.26617 | 4.639375 | 4.56E-05 | 5.07E-05 | 0.719497 | SF3B6 | splicing factor 3b subunit 6 | ENSG00000115128 |
| 0.63205 | 6.657238 | 10.75121 | 9.50E-13 | 6.69E-12 | 18.50782 | CCDC103 | coiled-coil domain containing 103 | ENSG00000167131 |
| 0.63167 | 6.858571 | 4.969542 | 1.68E-05 | 1.95E-05 | 1.707901 | ARMC4P1 | armadillo repeat containing 4 pseudogene 1 | NA |
| 0.630371 | 7.622381 | 8.845776 | 1.58E-10 | 5.36E-10 | 13.32752 | TUBA1C | tubulin alpha 1c | ENSG00000167553 |
| 0.628242 | 9.173161 | 9.275149 | 4.79E-11 | 1.87E-10 | 14.53525 | TIPRL | TOR signaling pathway regulator | ENSG00000143155 |
| 0.628195 | 8.924015 | 5.918521 | 9.17E-07 | 1.32E-06 | 4.600231 | RELL1 | RELT like 1 | ENSG00000181826 |
| 0.627476 | 6.335968 | 5.390971 | 4.63E-06 | 5.87E-06 | 2.98634 | TBC1D3E | TBC1 domain family member 3E | ENSG00000278599 |
| 0.624859 | 7.315565 | 6.021795 | 6.68E-07 | 1.00E-06 | 4.91673 | SNORD58C | small nucleolar RNA, C/D box 58C | NA |
| 0.622201 | 7.229351 | 10.78226 | 8.78E-13 | 6.29E-12 | 18.58836 | ACVR1 | activin A receptor type 1 | ENSG00000115170 |
| 0.621781 | 6.43991 | 2.999267 | 0.004905 | 0.004918 | -3.80761 | AGAP6 | ArfGAP with GTPase domain, ankyrin repeat and PH domain 6 | ENSG00000204149 |
| 0.620333 | 6.2452 | 4.317883 | 0.000119 | 0.000127 | -0.22639 | LOC107986659 | uncharacterized LOC107986659 | NA |
| 0.619851 | 7.614207 | 7.690144 | 4.38E-09 | 1.01E-08 | 9.969578 | PRRT4 | proline rich transmembrane protein 4 | ENSG00000224940 |
| 0.619753 | 5.624885 | 9.037723 | 9.23E-11 | 3.44E-10 | 13.87025 | LNCAROD | lncRNA activating regulator of DKK1 | ENSG00000231131 |
| 0.618591 | 6.275498 | 4.906909 | 2.03E-05 | 2.32E-05 | 1.519325 | ANP32A-IT1 | ANP32A intronic transcript 1 | NA |
| 0.6173 | 6.58983 | 5.927609 | 8.92E-07 | 1.29E-06 | 4.628083 | LINC02623 | long intergenic non-protein coding RNA 2623 | ENSG00000234944 |
| 0.616165 | 7.011896 | 7.920523 | 2.23E-09 | 5.57E-09 | 10.65059 | HEIH | hepatocellular carcinoma up-regulated EZH2-associated long non-coding RNA | ENSG00000278970 |
| 0.615083 | 7.526116 | 5.410699 | 4.35E-06 | 5.56E-06 | 3.046506 | LOC107986022 | uncharacterized LOC107986022 | NA |
| 0.614404 | 6.552608 | 8.854312 | 1.54E-10 | 5.33E-10 | 13.35175 | MZF1-AS1 | MZF1 antisense RNA 1 | ENSG00000267858 |
| 0.613719 | 9.934385 | 6.049651 | 6.14E-07 | 9.35E-07 | 5.002094 | FTH1P23 | ferritin heavy chain 1 pseudogene 23 | NA |
| 0.61337 | 7.020762 | 10.4584 | 2.02E-12 | 1.30E-11 | 17.74218 | SYNGR2 | synaptogyrin 2 | ENSG00000108639 |
| 0.609014 | 7.625106 | 9.914613 | 8.46E-12 | 4.37E-11 | 16.29079 | GALT | galactose-1-phosphate uridylyltransferase | ENSG00000213930 |
| 0.60896 | 8.805218 | 8.861994 | 1.51E-10 | 5.26E-10 | 13.37355 | LOC442263 | protein tyrosine phosphatase non-receptor type 11 pseudogene | NA |
| 0.605826 | 8.41954 | 5.624633 | 2.26E-06 | 3.03E-06 | 3.700131 | PGAP6 | post-glycosylphosphatidylinositol attachment to proteins 6 | ENSG00000129925 |
| 0.605611 | 7.389714 | 5.598005 | 2.45E-06 | 3.26E-06 | 3.618675 | PDGFRB | platelet derived growth factor receptor beta | ENSG00000113721 |
| 0.604091 | 8.716082 | 6.894453 | 4.69E-08 | 8.69E-08 | 7.580771 | TRIO | trio Rho guanine nucleotide exchange factor | ENSG00000038382 |
| 0.602129 | 8.177237 | 5.053087 | 1.30E-05 | 1.54E-05 | 1.960101 | SLC25A1P1 | solute carrier family 25 member 1 pseudogene 1 | NA |
| 0.60188 | 7.604498 | 14.26413 | 2.53E-16 | 8.90E-15 | 26.86037 | SEPTIN10 | septin 10 | ENSG00000186522 |
| 0.601278 | 10.25301 | 7.477336 | 8.21E-09 | 1.80E-08 | 9.335931 | VMP1 | vacuole membrane protein 1 | ENSG00000062716 |
| 0.601168 | 9.416327 | 5.853544 | 1.12E-06 | 1.59E-06 | 4.401113 | H2BC9 | H2B clustered histone 9 | ENSG00000275713 |
| 0.599043 | 6.346345 | 8.258062 | 8.39E-10 | 2.32E-09 | 11.63838 | EBLN2 | endogenous Bornavirus like nucleoprotein 2 | ENSG00000255423 |
| 0.596255 | 8.303323 | 6.086897 | 5.47E-07 | 8.44E-07 | 5.116226 | FKBP9 | FKBP prolyl isomerase 9 | ENSG00000122642 |
| 0.59481 | 5.504115 | 4.426055 | 8.65E-05 | 9.33E-05 | 0.089715 | LOC105370446 | uncharacterized LOC105370446 | NA |
| 0.594328 | 8.037099 | 5.451306 | 3.84E-06 | 4.98E-06 | 3.170411 | METTL7A | methyltransferase like 7A | ENSG00000185432 |
| 0.593973 | 8.505543 | 6.848877 | 5.39E-08 | 9.83E-08 | 7.442495 | ATF6B | activating transcription factor 6 beta | ENSG00000213676 |
| 0.593088 | 7.401317 | 5.321746 | 5.72E-06 | 7.19E-06 | 2.775407 | ASS1P2 | argininosuccinate synthetase 1 pseudogene 2 | ENSG00000223922 |
| 0.592589 | 5.741169 | 4.655018 | 4.35E-05 | 4.85E-05 | 0.76598 | RPL39P29 | ribosomal protein L39 pseudogene 29 | NA |
| 0.592542 | 6.439815 | 4.069034 | 0.000249 | 0.000261 | -0.94385 | HSPB1P1 | heat shock protein family B (small) member 1 pseudogene 1 | NA |
| 0.592495 | 9.103956 | 7.027388 | 3.15E-08 | 6.09E-08 | 7.98331 | UNC5C | unc-5 netrin receptor C | ENSG00000182168 |
| 0.592292 | 9.857775 | 7.439582 | 9.19E-09 | 1.99E-08 | 9.223083 | RAC1P4 | Rac family small GTPase 1 pseudogene 4 | NA |
| 0.592233 | 8.398968 | 7.372346 | 1.12E-08 | 2.33E-08 | 9.021803 | B3GALNT2 | beta-1,3-N-acetylgalactosaminyltransferase 2 | ENSG00000162885 |
| 0.591469 | 7.445647 | 8.030277 | 1.62E-09 | 4.17E-09 | 10.97312 | AHDC1 | AT-hook DNA binding motif containing 1 | ENSG00000126705 |
| 0.590646 | 6.096087 | 5.943617 | 8.49E-07 | 1.24E-06 | 4.677142 | LOC105375785 | uncharacterized LOC105375785 | NA |
| 0.589992 | 5.791126 | 7.975603 | 1.90E-09 | 4.81E-09 | 10.81261 | FAM214BP1 | family with sequence similarity 214 member B pseudogene | ENSG00000240487 |
| 0.589405 | 7.482572 | 6.735833 | 7.58E-08 | 1.33E-07 | 7.098989 | FBXL18 | F-box and leucine rich repeat protein 18 | ENSG00000155034 |
| 0.5887 | 6.92387 | 7.576899 | 6.12E-09 | 1.38E-08 | 9.632908 | OGFRL1 | opioid growth factor receptor like 1 | ENSG00000119900 |
| 0.587985 | 7.734499 | 5.733917 | 1.62E-06 | 2.25E-06 | 4.034648 | VDAC1P3 | voltage dependent anion channel 1 pseudogene 3 | NA |
| 0.58786 | 9.994981 | 9.870779 | 9.51E-12 | 4.78E-11 | 16.17213 | PDIA6 | protein disulfide isomerase family A member 6 | ENSG00000143870 |
| 0.587234 | 8.001725 | 8.795759 | 1.82E-10 | 5.96E-10 | 13.18536 | CISD3 | CDGSH iron sulfur domain 3 | ENSG00000277972 |
| 0.58705 | 9.362901 | 4.58532 | 5.37E-05 | 5.90E-05 | 0.559168 | FTH1P11 | ferritin heavy chain 1 pseudogene 11 | NA |
| 0.586332 | 7.047496 | 9.319611 | 4.24E-11 | 1.73E-10 | 14.659 | SLC35F3 | solute carrier family 35 member F3 | ENSG00000183780 |
| 0.586201 | 7.170398 | 8.141845 | 1.17E-09 | 3.11E-09 | 11.29967 | HLA-H | major histocompatibility complex, class I, H (pseudogene) | NA |
| 0.58559 | 8.477781 | 7.385568 | 1.08E-08 | 2.27E-08 | 9.061415 | YIF1B | Yip1 interacting factor homolog B, membrane trafficking protein | ENSG00000167645 |
| 0.58488 | 8.25101 | 7.304406 | 1.37E-08 | 2.80E-08 | 8.818022 | TOR1B | torsin family 1 member B | ENSG00000136816 |
| 0.583867 | 9.784516 | 6.894632 | 4.69E-08 | 8.69E-08 | 7.581313 | TMEM123 | transmembrane protein 123 | ENSG00000152558 |
| 0.583814 | 7.600444 | 6.931109 | 4.20E-08 | 7.97E-08 | 7.691888 | TRIB3 | tribbles pseudokinase 3 | ENSG00000101255 |
| 0.583335 | 7.980708 | 6.987156 | 3.55E-08 | 6.80E-08 | 7.86161 | LETM1P2 | leucine zipper and EF-hand containing transmembrane protein 1 pseudogene 2 | NA |
| 0.583281 | 7.467406 | 4.472697 | 7.52E-05 | 8.23E-05 | 0.226724 | TMBIM4 | transmembrane BAX inhibitor motif containing 4 | ENSG00000155957 |
| 0.582534 | 7.812114 | 9.076764 | 8.29E-11 | 3.11E-10 | 13.98008 | ZNF513 | zinc finger protein 513 | ENSG00000163795 |
| 0.581399 | 7.531828 | 11.39964 | 1.86E-13 | 1.73E-12 | 20.16394 | BLVRB | biliverdin reductase B | ENSG00000090013 |
| 0.580701 | 7.525223 | 6.82649 | 5.76E-08 | 1.04E-07 | 7.374529 | RPL28P3 | ribosomal protein L28 pseudogene 3 | NA |
| 0.580428 | 10.68318 | 10.42101 | 2.23E-12 | 1.39E-11 | 17.64361 | TMEM50A | transmembrane protein 50A | ENSG00000183726 |
| 0.580173 | 5.715436 | 5.083143 | 1.19E-05 | 1.42E-05 | 2.051008 | LOC105378693 | uncharacterized LOC105378693 | NA |
| 0.580025 | 8.970921 | 9.368791 | 3.70E-11 | 1.56E-10 | 14.79559 | SLC39A9 | solute carrier family 39 member 9 | ENSG00000029364 |
|  |  |  |  |  |  |  |  |  |
| **Genes suppressed by irradiation, 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 |
| -1.0601 | 8.964709 | -6.91302 | 4.44E-08 | 8.34E-08 | 7.637056 | CCZ1 | CCZ1 homolog, vacuolar protein trafficking and biogenesis associated | ENSG00000122674 |
| -0.94239 | 6.396881 | -6.8197 | 5.88E-08 | 1.06E-07 | 7.35392 | NEUROD1 | neuronal differentiation 1 | ENSG00000162992 |
| -0.92919 | 8.286187 | -7.73372 | 3.85E-09 | 9.04E-09 | 10.09881 | SNORD15A | small nucleolar RNA, C/D box 15A | ENSG00000206941 |
| -0.91923 | 8.614602 | -4.66631 | 4.21E-05 | 4.72E-05 | 0.799561 | SNORD71 | small nucleolar RNA, C/D box 71 | ENSG00000223224 |
| -0.90409 | 6.737019 | -8.44736 | 4.88E-10 | 1.46E-09 | 12.18683 | USP10P2 | ubiquitin specific peptidase10 pseudogene 2 | NA |
| -0.88386 | 8.427251 | -5.62641 | 2.25E-06 | 3.03E-06 | 3.705562 | RND3 | Rho family GTPase 3 | ENSG00000115963 |
| -0.86971 | 6.310315 | -5.35674 | 5.14E-06 | 6.48E-06 | 2.882011 | LOC107985652 | uncharacterized LOC107985652 | NA |
| -0.8633 | 6.06992 | -4.31429 | 0.000121 | 0.000128 | -0.23685 | LOC728715 | ovostatin homolog 2 | NA |
| -0.83611 | 8.439012 | -6.16051 | 4.37E-07 | 6.85E-07 | 5.341745 | C12orf4 | chromosome 12 open reading frame 4 | ENSG00000047621 |
| -0.83333 | 7.941387 | -8.39549 | 5.66E-10 | 1.66E-09 | 12.03696 | CTNNAL1 | catenin alpha like 1 | ENSG00000119326 |
| -0.79812 | 8.817293 | -5.55765 | 2.77E-06 | 3.68E-06 | 3.49527 | H4C4 | H4 clustered histone 4 | ENSG00000277157 |
| -0.79187 | 7.178668 | -5.08408 | 1.18E-05 | 1.42E-05 | 2.053834 | SNORA1 | small nucleolar RNA, H/ACA box 1 | ENSG00000206834 |
| -0.78927 | 6.75297 | -5.36619 | 4.99E-06 | 6.31E-06 | 2.910798 | LOC107984275 | uncharacterized LOC107984275 | NA |
| -0.7877 | 8.214958 | -8.4714 | 4.55E-10 | 1.38E-09 | 12.25617 | MGAT5 | alpha-1,6-mannosylglycoprotein 6-beta-N-acetylglucosaminyltransferase | ENSG00000152127 |
| -0.78293 | 8.555303 | -9.99656 | 6.80E-12 | 3.61E-11 | 16.51196 | ZC4H2 | zinc finger C4H2-type containing | ENSG00000126970 |
| -0.77606 | 6.369533 | -6.51263 | 1.49E-07 | 2.48E-07 | 6.418759 | SGO1-AS1 | SGO1 antisense RNA 1 | ENSG00000231304 |
| -0.77434 | 6.438084 | -9.29727 | 4.51E-11 | 1.78E-10 | 14.59685 | RAB33A | RAB33A, member RAS oncogene family | ENSG00000134594 |
| -0.7727 | 8.831435 | -8.19988 | 9.92E-10 | 2.69E-09 | 11.46901 | CRYBB2P1 | crystallin beta B2 pseudogene 1 | ENSG00000100058 |
| -0.77147 | 6.53014 | -7.30744 | 1.36E-08 | 2.79E-08 | 8.827125 | RPL23AP38 | ribosomal protein L23a pseudogene 38 | NA |
| -0.768 | 6.571317 | -5.49609 | 3.35E-06 | 4.35E-06 | 3.307147 | LOC105374206 | uncharacterized LOC105374206 | NA |
| -0.76591 | 8.149166 | -11.6569 | 9.86E-14 | 1.09E-12 | 20.806 | WTAP | WT1 associated protein | ENSG00000146457 |
| -0.76091 | 6.680658 | -4.3551 | 0.000107 | 0.000114 | -0.11791 | SNORD112 | small nucleolar RNA, C/D box 112 | ENSG00000275662 |
| -0.76087 | 8.164338 | -4.19056 | 0.000174 | 0.000184 | -0.59528 | MIR1304 | microRNA 1304 | ENSG00000284458 |
| -0.76068 | 7.360143 | -6.40528 | 2.07E-07 | 3.35E-07 | 6.090809 | LOC107986478 | uncharacterized LOC107986478 | NA |
| -0.75623 | 9.779483 | -5.00626 | 1.50E-05 | 1.75E-05 | 1.81866 | LOC732229 | AN1-type zinc finger protein 5 pseudogene | ENSG00000269374 |
| -0.75376 | 7.053108 | -5.62404 | 2.26E-06 | 3.03E-06 | 3.69832 | RPL23AP55 | ribosomal protein L23a pseudogene 55 | ENSG00000243265 |
| -0.75282 | 7.226146 | -6.53427 | 1.40E-07 | 2.33E-07 | 6.484807 | RPL7AP66 | ribosomal protein L7a pseudogene 66 | ENSG00000175886 |
| -0.75126 | 6.243005 | -9.53001 | 2.38E-11 | 1.06E-10 | 15.24121 | ITPR1-DT | ITPR1 divergent transcript | NA |
| -0.75071 | 7.322039 | -8.22264 | 9.29E-10 | 2.55E-09 | 11.53531 | FAM168A | family with sequence similarity 168 member A | ENSG00000054965 |
| -0.74608 | 7.985443 | -9.30669 | 4.39E-11 | 1.75E-10 | 14.62305 | DOLPP1 | dolichyldiphosphatase 1 | ENSG00000167130 |
| -0.74082 | 7.252486 | -11.6927 | 9.04E-14 | 1.03E-12 | 20.89468 | E2F2 | E2F transcription factor 2 | ENSG00000007968 |
| -0.73694 | 6.773397 | -11.143 | 3.52E-13 | 2.96E-12 | 19.51484 | MARCHF11 | membrane associated ring-CH-type finger 11 | ENSG00000183654 |
| -0.73567 | 7.134537 | -8.83628 | 1.62E-10 | 5.46E-10 | 13.30055 | YWHAEP1 | tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein epsilon pseudogene 1 | NA |
| -0.73428 | 7.264298 | -8.72095 | 2.24E-10 | 7.06E-10 | 12.97216 | GABPB1-IT1 | GABPB1 intronic transcript | ENSG00000285410 |
| -0.73217 | 5.823337 | -6.0367 | 6.38E-07 | 9.65E-07 | 4.962407 | SNORA1B | small nucleolar RNA, H/ACA box 1B | ENSG00000199405 |
| -0.7321 | 7.052226 | -8.14515 | 1.16E-09 | 3.10E-09 | 11.30931 | LINC01003 | long intergenic non-protein coding RNA 1003 | ENSG00000261455 |
| -0.72843 | 6.127141 | -5.92662 | 8.95E-07 | 1.29E-06 | 4.625066 | B3GALT2 | beta-1,3-galactosyltransferase 2 | ENSG00000162630 |
| -0.72698 | 7.79774 | -8.72423 | 2.22E-10 | 7.05E-10 | 12.98152 | SH3PXD2B | SH3 and PX domains 2B | ENSG00000174705 |
| -0.72665 | 8.494888 | -6.54685 | 1.35E-07 | 2.25E-07 | 6.523192 | KDM3A | lysine demethylase 3A | ENSG00000115548 |
| -0.72244 | 7.925903 | -9.94544 | 7.80E-12 | 4.08E-11 | 16.37409 | SDF2 | stromal cell derived factor 2 | ENSG00000132581 |
| -0.72122 | 7.932756 | -5.11455 | 1.08E-05 | 1.30E-05 | 2.146076 | DUSP10 | dual specificity phosphatase 10 | ENSG00000143507 |
| -0.72099 | 7.392521 | -6.436 | 1.88E-07 | 3.09E-07 | 6.184705 | SOD2-OT1 | SOD2 overlapping transcript 1 | ENSG00000285427 |
| -0.71927 | 7.717452 | -11.2718 | 2.55E-13 | 2.30E-12 | 19.84174 | STAG3L4 | stromal antigen 3-like 4 (pseudogene) | ENSG00000106610 |
| -0.71839 | 6.963448 | -10.584 | 1.46E-12 | 9.58E-12 | 18.07205 | TSPYL1 | TSPY like 1 | ENSG00000189241 |
| -0.71807 | 7.867444 | -7.42097 | 9.71E-09 | 2.08E-08 | 9.16741 | H2BC17 | H2B clustered histone 17 | ENSG00000274641 |
| -0.71626 | 9.029505 | -7.41009 | 1.00E-08 | 2.13E-08 | 9.134834 | TIMM22 | translocase of inner mitochondrial membrane 22 | ENSG00000177370 |
| -0.71003 | 8.701854 | -7.73408 | 3.85E-09 | 9.04E-09 | 10.09987 | PDCL | phosducin like | ENSG00000136940 |
| -0.70843 | 7.053152 | -4.66268 | 4.25E-05 | 4.76E-05 | 0.788775 | LOC105376844 | uncharacterized LOC105376844 | NA |
| -0.7079 | 5.955559 | -3.34039 | 0.001968 | 0.001994 | -2.94181 | GTF2IP8 | general transcription factor IIi pseudogene 8 | NA |
| -0.70625 | 6.695659 | -11.9042 | 5.41E-14 | 6.98E-13 | 21.41551 | GID4 | GID complex subunit 4 homolog | ENSG00000141034 |
| -0.70535 | 7.106278 | -4.38527 | 9.77E-05 | 0.000105 | -0.02976 | ZNF92 | zinc finger protein 92 | ENSG00000146757 |
| -0.70356 | 8.755774 | -8.3884 | 5.77E-10 | 1.68E-09 | 12.01643 | DNTTIP1 | deoxynucleotidyltransferase terminal interacting protein 1 | ENSG00000101457 |
| -0.70096 | 6.561437 | -6.28028 | 3.03E-07 | 4.85E-07 | 5.708464 | SUGT1-DT | SUGT1 divergent transcript | NA |
| -0.70073 | 7.352152 | -7.32434 | 1.29E-08 | 2.66E-08 | 8.877844 | RFX7 | regulatory factor X7 | ENSG00000181827 |
| -0.69859 | 7.815775 | -11.7843 | 7.23E-14 | 8.48E-13 | 21.12103 | ANKRD28 | ankyrin repeat domain 28 | ENSG00000206560 |
| -0.69386 | 8.17454 | -6.40351 | 2.08E-07 | 3.36E-07 | 6.085413 | POU2F1 | POU class 2 homeobox 1 | ENSG00000143190 |
| -0.69331 | 8.259921 | -8.28483 | 7.77E-10 | 2.21E-09 | 11.71619 | SGPL1 | sphingosine-1-phosphate lyase 1 | ENSG00000166224 |
| -0.6918 | 7.552857 | -6.00179 | 7.10E-07 | 1.05E-06 | 4.855425 | ARG2 | arginase 2 | ENSG00000081181 |
| -0.69057 | 9.089279 | -6.48554 | 1.62E-07 | 2.68E-07 | 6.336041 | KLF7 | Kruppel like factor 7 | ENSG00000118263 |
| -0.68918 | 8.057301 | -6.70201 | 8.40E-08 | 1.45E-07 | 6.996078 | FAM171A2 | family with sequence similarity 171 member A2 | ENSG00000161682 |
| -0.68909 | 6.900737 | -14.3485 | 2.11E-16 | 8.17E-15 | 27.0432 | CAMTA1 | calmodulin binding transcription activator 1 | ENSG00000171735 |
| -0.68839 | 10.22814 | -4.87862 | 2.21E-05 | 2.52E-05 | 1.434305 | HSPE1P8 | heat shock protein family E (Hsp10) member 1 pseudogene 8 | NA |
| -0.68799 | 6.786706 | -4.47566 | 7.46E-05 | 8.18E-05 | 0.23543 | LOC105375426 | uncharacterized LOC105375426 | NA |
| -0.68634 | 7.390408 | -7.84155 | 2.81E-09 | 6.83E-09 | 10.41774 | LOC730101 | uncharacterized LOC730101 | ENSG00000216775 |
| -0.6845 | 7.85009 | -9.37099 | 3.68E-11 | 1.56E-10 | 14.8017 | RNF167 | ring finger protein 167 | ENSG00000108523 |
| -0.68279 | 9.977488 | -2.82205 | 0.007745 | 0.007745 | -4.23552 | SNAI2 | snail family transcriptional repressor 2 | ENSG00000019549 |
| -0.68249 | 5.844443 | -12.8322 | 6.07E-15 | 1.07E-13 | 23.63507 | LINCR-0002 | uncharacterized LincR-0002 | NA |
| -0.68239 | 7.575401 | -9.34294 | 3.97E-11 | 1.64E-10 | 14.72382 | CDC25A | cell division cycle 25A | ENSG00000164045 |
| -0.68203 | 8.725941 | -8.88661 | 1.41E-10 | 5.05E-10 | 13.44337 | REPS1 | RALBP1 associated Eps domain containing 1 | ENSG00000135597 |
| -0.68195 | 7.372149 | -5.52359 | 3.08E-06 | 4.03E-06 | 3.391184 | ZNF675 | zinc finger protein 675 | ENSG00000197372 |
| -0.6812 | 7.55126 | -8.43142 | 5.10E-10 | 1.52E-09 | 12.14079 | ADAL | adenosine deaminase like | ENSG00000168803 |
| -0.67993 | 7.040446 | -11.8108 | 6.78E-14 | 8.43E-13 | 21.18631 | DHRS7B | dehydrogenase/reductase 7B | ENSG00000109016 |
| -0.67966 | 8.472531 | -6.18337 | 4.08E-07 | 6.44E-07 | 5.411771 | NAB2 | NGFI-A binding protein 2 | ENSG00000166886 |
| -0.67911 | 7.106764 | -8.33611 | 6.71E-10 | 1.94E-09 | 11.865 | LOC100506911 | chromosome 6 open reading frame 35 pseudogene | ENSG00000257779 |
| -0.67757 | 8.558893 | -6.03533 | 6.41E-07 | 9.65E-07 | 4.958207 | RBL1 | RB transcriptional corepressor like 1 | ENSG00000080839 |
| -0.67755 | 10.01145 | -7.81035 | 3.08E-09 | 7.40E-09 | 10.32559 | PNN | pinin, desmosome associated protein | ENSG00000100941 |
| -0.67575 | 8.079418 | -12.8113 | 6.37E-15 | 1.07E-13 | 23.58625 | BTBD3 | BTB domain containing 3 | ENSG00000132640 |
| -0.67566 | 5.731067 | -5.26886 | 6.72E-06 | 8.29E-06 | 2.614483 | RPL26P19 | ribosomal protein L26 pseudogene 19 | ENSG00000226221 |
| -0.67523 | 10.35656 | -4.96063 | 1.72E-05 | 1.99E-05 | 1.681037 | PNRC1 | proline rich nuclear receptor coactivator 1 | ENSG00000146278 |
| -0.67489 | 7.030841 | -6.42598 | 1.94E-07 | 3.17E-07 | 6.154097 | GEMIN2 | gem nuclear organelle associated protein 2 | ENSG00000092208 |
| -0.67345 | 8.435428 | -9.19284 | 6.01E-11 | 2.30E-10 | 14.3055 | GNAQ | G protein subunit alpha q | ENSG00000156052 |
| -0.66983 | 8.087748 | -8.66561 | 2.62E-10 | 8.19E-10 | 12.81402 | NAB1 | NGFI-A binding protein 1 | ENSG00000138386 |
| -0.66955 | 7.638619 | -8.02884 | 1.63E-09 | 4.17E-09 | 10.96891 | UBQLN2 | ubiquilin 2 | ENSG00000188021 |
| -0.6682 | 7.964622 | -8.8126 | 1.73E-10 | 5.78E-10 | 13.23326 | AKAP11 | A-kinase anchoring protein 11 | ENSG00000023516 |
| -0.66794 | 9.222353 | -4.01315 | 0.000293 | 0.000305 | -1.10289 | SCARNA28 | small Cajal body-specific RNA 28 | NA |
| -0.66781 | 8.369024 | -10.9494 | 5.74E-13 | 4.53E-12 | 19.01987 | WDR76 | WD repeat domain 76 | ENSG00000092470 |
| -0.66765 | 8.565771 | -6.56425 | 1.28E-07 | 2.15E-07 | 6.576285 | FARP1 | FERM, ARH/RhoGEF and pleckstrin domain protein 1 | ENSG00000152767 |
| -0.66539 | 6.704406 | -6.3648 | 2.34E-07 | 3.76E-07 | 5.967056 | RPL29P19 | ribosomal protein L29 pseudogene 19 | NA |
| -0.6652 | 6.474814 | -6.23056 | 3.53E-07 | 5.62E-07 | 5.556277 | LOC100131849 | WASH complex subunit 3 pseudogene | NA |
| -0.66449 | 8.85445 | -6.73233 | 7.66E-08 | 1.34E-07 | 7.088341 | STAG2 | stromal antigen 2 | ENSG00000101972 |
| -0.66435 | 7.293175 | -10.8339 | 7.69E-13 | 5.73E-12 | 18.72201 | CDK5R1 | cyclin dependent kinase 5 regulatory subunit 1 | ENSG00000176749 |
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| -0.66256 | 7.923899 | -4.62627 | 4.74E-05 | 5.25E-05 | 0.680592 | SNORD83B | small nucleolar RNA, C/D box 83B | ENSG00000209480 |
| -0.66214 | 6.932451 | -9.40258 | 3.38E-11 | 1.46E-10 | 14.88927 | LHFPL6 | LHFPL tetraspan subfamily member 6 | ENSG00000183722 |
| -0.66129 | 7.041611 | -9.80689 | 1.13E-11 | 5.53E-11 | 15.99872 | PDGFRA | platelet derived growth factor receptor alpha | ENSG00000134853 |
| -0.66105 | 9.077793 | -5.31959 | 5.76E-06 | 7.21E-06 | 2.768839 | EEF1A2 | eukaryotic translation elongation factor 1 alpha 2 | ENSG00000101210 |
| -0.66077 | 5.841545 | -4.44898 | 8.08E-05 | 8.76E-05 | 0.156999 | RNU6-509P | RNA, U6 small nuclear 509, pseudogene | ENSG00000200389 |
| -0.66036 | 7.591682 | -6.84504 | 5.45E-08 | 9.90E-08 | 7.430857 | NR2C1 | nuclear receptor subfamily 2 group C member 1 | ENSG00000120798 |
| -0.65896 | 6.769886 | -3.13156 | 0.00346 | 0.003487 | -3.47809 | SNORD114-28 | small nucleolar RNA, C/D box 114-28 | ENSG00000200480 |
| -0.65775 | 7.729367 | -6.16524 | 4.31E-07 | 6.78E-07 | 5.356236 | VEZT | vezatin, adherens junctions transmembrane protein | ENSG00000028203 |
| -0.65754 | 8.369254 | -6.87806 | 4.93E-08 | 9.09E-08 | 7.531052 | MAGED2 | MAGE family member D2 | ENSG00000102316 |
| -0.65738 | 6.276758 | -8.86717 | 1.49E-10 | 5.23E-10 | 13.38824 | ZNF596 | zinc finger protein 596 | ENSG00000172748 |
| -0.65675 | 8.1225 | -8.14991 | 1.15E-09 | 3.08E-09 | 11.32323 | RB1CC1 | RB1 inducible coiled-coil 1 | ENSG00000023287 |
| -0.65536 | 8.554444 | -5.21742 | 7.87E-06 | 9.58E-06 | 2.458107 | H3C2 | H3 clustered histone 2 | ENSG00000286522 |
| -0.65509 | 7.797812 | -7.55134 | 6.60E-09 | 1.46E-08 | 9.556769 | SLC25A17 | solute carrier family 25 member 17 | ENSG00000100372 |
| -0.65418 | 6.632524 | -15.6233 | 1.52E-17 | 1.96E-15 | 29.71477 | KCNAB3 | potassium voltage-gated channel subfamily A regulatory beta subunit 3 | ENSG00000170049 |
| -0.65173 | 5.476915 | -5.61929 | 2.30E-06 | 3.06E-06 | 3.683794 | LOC105378994 | uncharacterized LOC105378994 | NA |
| -0.65141 | 9.048976 | -7.20227 | 1.86E-08 | 3.75E-08 | 8.510962 | RANBP9 | RAN binding protein 9 | ENSG00000010017 |
| -0.65116 | 7.427308 | -7.36212 | 1.16E-08 | 2.39E-08 | 8.991155 | DPH1 | diphthamide biosynthesis 1 | ENSG00000108963 |
| -0.65083 | 9.530471 | -4.71702 | 3.61E-05 | 4.06E-05 | 0.950594 | SNORA71D | small nucleolar RNA, H/ACA box 71D | ENSG00000200354 |
| -0.64828 | 6.242277 | -14.49 | 1.56E-16 | 6.72E-15 | 27.34817 | UNC79 | unc-79 homolog, NALCN channel complex subunit | ENSG00000133958 |
| -0.64826 | 8.370937 | -4.74443 | 3.32E-05 | 3.76E-05 | 1.032398 | RPS15A | ribosomal protein S15a | ENSG00000134419 |
| -0.64574 | 7.189199 | -11.1584 | 3.39E-13 | 2.91E-12 | 19.55417 | LSAMP | limbic system associated membrane protein | ENSG00000185565 |
| -0.64569 | 6.300357 | -4.0475 | 0.000265 | 0.000277 | -1.00523 | PCDHGA9 | protocadherin gamma subfamily A, 9 | ENSG00000261934 |
| -0.64499 | 8.948491 | -5.65676 | 2.05E-06 | 2.80E-06 | 3.798422 | NAE1 | NEDD8 activating enzyme E1 subunit 1 | ENSG00000159593 |
| -0.64493 | 8.436667 | -8.00973 | 1.72E-09 | 4.38E-09 | 10.91284 | CHD1 | chromodomain helicase DNA binding protein 1 | ENSG00000153922 |
| -0.64451 | 7.15477 | -4.45589 | 7.91E-05 | 8.60E-05 | 0.177311 | SNORA41 | small nucleolar RNA, H/ACA box 41 | ENSG00000207406 |
| -0.64275 | 7.481295 | -7.03096 | 3.11E-08 | 6.05E-08 | 7.99412 | LOC100131280 | integrin alpha FG-GAP repeat containing 2 pseudogene | NA |
| -0.64234 | 8.46852 | -11.9509 | 4.83E-14 | 6.45E-13 | 21.52968 | AAR2 | AAR2 splicing factor | ENSG00000131043 |
| -0.64208 | 7.60298 | -5.42573 | 4.16E-06 | 5.35E-06 | 3.092353 | PIGUP1 | phosphatidylinositol glycan anchor biosynthesis class U pseudogene 1 | ENSG00000224437 |
| -0.64158 | 6.872709 | -7.12948 | 2.32E-08 | 4.60E-08 | 8.29163 | LRRC17 | leucine rich repeat containing 17 | ENSG00000128606 |
| -0.64148 | 7.763205 | -9.90084 | 8.78E-12 | 4.47E-11 | 16.25354 | TP53I11 | tumor protein p53 inducible protein 11 | ENSG00000175274 |
| -0.6413 | 5.746133 | -3.73536 | 0.000652 | 0.00067 | -1.88039 | LOC107985118 | uncharacterized LOC107985118 | NA |
| -0.63945 | 7.370324 | -7.91159 | 2.29E-09 | 5.68E-09 | 10.6243 | RFLNB | refilin B | ENSG00000183688 |
| -0.63916 | 8.152926 | -7.86171 | 2.65E-09 | 6.49E-09 | 10.47724 | MPRIPP1 | myosin phosphatase Rho interacting protein pseudogene 1 | NA |
| -0.63815 | 8.359936 | -8.90863 | 1.32E-10 | 4.79E-10 | 13.50574 | ELP5 | elongator acetyltransferase complex subunit 5 | ENSG00000170291 |
| -0.63772 | 7.022868 | -5.82975 | 1.20E-06 | 1.70E-06 | 4.328208 | LOC441666 | zinc finger protein 91 pseudogene | ENSG00000215146 |
| -0.63727 | 7.780047 | -6.04834 | 6.16E-07 | 9.35E-07 | 4.998084 | MAT2B | methionine adenosyltransferase 2B | ENSG00000038274 |
| -0.63717 | 6.657755 | -5.71009 | 1.74E-06 | 2.39E-06 | 3.9617 | LOC391247 | GINS complex subunit 2 (Psf2 homolog) pseudogene | NA |
| -0.63694 | 6.283406 | -6.00212 | 7.10E-07 | 1.05E-06 | 4.856444 | PHOSPHO2 | phosphatase, orphan 2 | ENSG00000144362 |
| -0.63675 | 6.968542 | -12.0567 | 3.75E-14 | 5.37E-13 | 21.78761 | TCN2 | transcobalamin 2 | ENSG00000185339 |
| -0.63664 | 6.580502 | -12.8642 | 5.64E-15 | 1.04E-13 | 23.70959 | AIF1L | allograft inflammatory factor 1 like | ENSG00000126878 |
| -0.63611 | 7.507392 | -8.88047 | 1.43E-10 | 5.09E-10 | 13.42595 | CNOT10 | CCR4-NOT transcription complex subunit 10 | ENSG00000182973 |
| -0.63411 | 9.61907 | -6.57435 | 1.24E-07 | 2.09E-07 | 6.607093 | NELFCD | negative elongation factor complex member C/D | ENSG00000101158 |
| -0.6333 | 8.172504 | -6.85186 | 5.34E-08 | 9.79E-08 | 7.451562 | SUGT1 | SGT1 homolog, MIS12 kinetochore complex assembly cochaperone | ENSG00000165416 |
| -0.63156 | 8.540169 | -6.77604 | 6.71E-08 | 1.20E-07 | 7.22126 | GSTM2 | glutathione S-transferase mu 2 | ENSG00000213366 |
| -0.63126 | 6.804955 | -7.78318 | 3.33E-09 | 7.96E-09 | 10.24524 | PCDHGC4 | protocadherin gamma subfamily C, 4 | ENSG00000242419 |
| -0.63097 | 7.941838 | -4.36661 | 0.000103 | 0.000111 | -0.0843 | SCARNA22 | small Cajal body-specific RNA 22 | ENSG00000249784 |
| -0.6295 | 7.432319 | -9.5129 | 2.50E-11 | 1.10E-10 | 15.19406 | ZMAT5 | zinc finger matrin-type 5 | ENSG00000100319 |
| -0.62923 | 6.660904 | -10.9352 | 5.95E-13 | 4.55E-12 | 18.98317 | CITED1 | Cbp/p300 interacting transactivator with Glu/Asp rich carboxy-terminal domain 1 | ENSG00000125931 |
| -0.62922 | 8.506382 | -5.84886 | 1.14E-06 | 1.61E-06 | 4.386772 | CTDNEP1 | CTD nuclear envelope phosphatase 1 | ENSG00000175826 |
| -0.628 | 7.893251 | -7.40736 | 1.01E-08 | 2.14E-08 | 9.12667 | PIAS1 | protein inhibitor of activated STAT 1 | ENSG00000033800 |
| -0.62787 | 7.554325 | -4.45799 | 7.86E-05 | 8.57E-05 | 0.183474 | LINC00863 | long intergenic non-protein coding RNA 863 | ENSG00000224914 |
| -0.62743 | 8.721283 | -4.92905 | 1.90E-05 | 2.18E-05 | 1.585926 | ACADM | acyl-CoA dehydrogenase medium chain | ENSG00000117054 |
| -0.62703 | 7.062638 | -10.0954 | 5.24E-12 | 2.89E-11 | 16.77768 | PHYH | phytanoyl-CoA 2-hydroxylase | ENSG00000107537 |
| -0.62678 | 7.395569 | -15.7894 | 1.09E-17 | 1.96E-15 | 30.05078 | BEND5 | BEN domain containing 5 | ENSG00000162373 |
| -0.62601 | 7.729586 | -10.4354 | 2.15E-12 | 1.36E-11 | 17.68161 | SNX12 | sorting nexin 12 | ENSG00000147164 |
| -0.62596 | 8.185688 | -5.75301 | 1.52E-06 | 2.13E-06 | 4.093132 | PRDX2P4 | peroxiredoxin 2 pseudogene 4 | NA |
| -0.62594 | 8.106254 | -9.60607 | 1.94E-11 | 9.05E-11 | 15.45028 | SLC49A4 | solute carrier family 49 member 4 | ENSG00000138463 |
| -0.62582 | 8.067438 | -7.54841 | 6.65E-09 | 1.46E-08 | 9.548027 | MDC1 | mediator of DNA damage checkpoint 1 | ENSG00000137337 |
| -0.62544 | 8.07788 | -7.93975 | 2.11E-09 | 5.30E-09 | 10.70718 | PPIL2 | peptidylprolyl isomerase like 2 | ENSG00000100023 |
| -0.62528 | 8.138594 | -6.01954 | 6.73E-07 | 1.01E-06 | 4.909817 | NFYB | nuclear transcription factor Y subunit beta | ENSG00000120837 |
| -0.62524 | 7.210052 | -14.6891 | 1.03E-16 | 5.68E-15 | 27.7737 | EIF4E3 | eukaryotic translation initiation factor 4E family member 3 | ENSG00000163412 |
| -0.62497 | 7.799331 | -8.60634 | 3.10E-10 | 9.53E-10 | 12.64426 | LEMD3 | LEM domain containing 3 | ENSG00000174106 |
| -0.62385 | 6.987056 | -11.5363 | 1.33E-13 | 1.35E-12 | 20.50616 | SERGEF | secretion regulating guanine nucleotide exchange factor | ENSG00000129158 |
| -0.62367 | 8.66368 | -7.14446 | 2.21E-08 | 4.42E-08 | 8.336776 | PLAGL2 | PLAG1 like zinc finger 2 | ENSG00000126003 |
| -0.62323 | 5.531101 | -3.83475 | 0.000491 | 0.000508 | -1.60483 | LOC644383 | heat shock transcription factor 2 pseudogene | NA |
| -0.62287 | 8.380051 | -9.40116 | 3.39E-11 | 1.46E-10 | 14.88534 | STMN3 | stathmin 3 | ENSG00000197457 |
| -0.62287 | 7.822259 | -5.73143 | 1.63E-06 | 2.26E-06 | 4.027029 | ANKRD36 | ankyrin repeat domain 36 | ENSG00000135976 |
| -0.62265 | 7.061729 | -6.61862 | 1.08E-07 | 1.84E-07 | 6.742068 | PLPP3 | phospholipid phosphatase 3 | ENSG00000162407 |
| -0.62151 | 10.36441 | -7.64125 | 5.06E-09 | 1.15E-08 | 9.824367 | EIF2S2P4 | eukaryotic translation initiation factor 2 subunit 2 beta pseudogene 4 | NA |
| -0.62117 | 6.839854 | -5.03363 | 1.38E-05 | 1.63E-05 | 1.901294 | RNU6-761P | RNA, U6 small nuclear 761, pseudogene | ENSG00000206875 |
| -0.62063 | 7.016187 | -6.63009 | 1.04E-07 | 1.78E-07 | 6.777031 | ZBTB8A | zinc finger and BTB domain containing 8A | ENSG00000160062 |
| -0.61984 | 7.024045 | -7.05057 | 2.93E-08 | 5.76E-08 | 8.053398 | IGBP1P2 | immunoglobulin (CD79A) binding protein 1 pseudogene 2 | NA |
| -0.61902 | 8.084737 | -10.2053 | 3.92E-12 | 2.26E-11 | 17.07143 | SNAPC3 | small nuclear RNA activating complex polypeptide 3 | ENSG00000164975 |
| -0.61884 | 9.102185 | -5.42087 | 4.22E-06 | 5.41E-06 | 3.077526 | GJC1 | gap junction protein gamma 1 | ENSG00000182963 |
| -0.61851 | 10.04501 | -14.7104 | 9.83E-17 | 5.68E-15 | 27.81888 | NGRN | neugrin, neurite outgrowth associated | ENSG00000182768 |
| -0.61821 | 8.436241 | -9.67253 | 1.62E-11 | 7.65E-11 | 15.63236 | SCO1 | synthesis of cytochrome C oxidase 1 | ENSG00000133028 |
| -0.61794 | 6.847251 | -12.0263 | 4.03E-14 | 5.57E-13 | 21.71352 | LOXL3 | lysyl oxidase like 3 | ENSG00000115318 |
| -0.61781 | 8.939675 | -11.3957 | 1.88E-13 | 1.73E-12 | 20.15394 | EWSR1 | EWS RNA binding protein 1 | ENSG00000182944 |
| -0.61762 | 6.103574 | -13.8392 | 6.34E-16 | 1.65E-14 | 25.92743 | LOC105374338 | uncharacterized LOC105374338 | ENSG00000283183 |
| -0.61711 | 11.10759 | -5.28665 | 6.37E-06 | 7.90E-06 | 2.668577 | MAP1B | microtubule associated protein 1B | ENSG00000131711 |
| -0.61695 | 7.506913 | -7.71019 | 4.13E-09 | 9.57E-09 | 10.02904 | KLF12 | Kruppel like factor 12 | ENSG00000118922 |
| -0.61637 | 6.763665 | -13.1197 | 3.15E-15 | 6.09E-14 | 24.30159 | TTLL1 | tubulin tyrosine ligase like 1 | ENSG00000100271 |
| -0.61635 | 6.744792 | -9.80812 | 1.13E-11 | 5.53E-11 | 16.00208 | SYNGR1 | synaptogyrin 1 | ENSG00000100321 |
| -0.61609 | 7.636476 | -4.91947 | 1.95E-05 | 2.24E-05 | 1.557119 | PBDC1 | polysaccharide biosynthesis domain containing 1 | ENSG00000102390 |
| -0.61597 | 8.238448 | -5.27816 | 6.53E-06 | 8.08E-06 | 2.642763 | SACM1L | SAC1 like phosphatidylinositide phosphatase | ENSG00000211456 |
| -0.61507 | 8.458936 | -7.61805 | 5.42E-09 | 1.23E-08 | 9.755388 | SEC62 | SEC62 homolog, preprotein translocation factor | ENSG00000008952 |
| -0.6149 | 7.133591 | -11.0658 | 4.28E-13 | 3.52E-12 | 19.31815 | COX11 | cytochrome c oxidase copper chaperone COX11 | ENSG00000166260 |
| -0.6148 | 7.803549 | -9.35591 | 3.84E-11 | 1.60E-10 | 14.75986 | TAF3 | TATA-box binding protein associated factor 3 | ENSG00000165632 |
| -0.61447 | 6.364558 | -5.64902 | 2.10E-06 | 2.86E-06 | 3.774762 | LOC105373174 | uncharacterized LOC105373174 | ENSG00000287729 |
| -0.6136 | 6.409077 | -12.0622 | 3.70E-14 | 5.37E-13 | 21.80084 | ZNF542P | zinc finger protein 542, pseudogene | ENSG00000240225 |
| -0.61308 | 7.598665 | -7.83973 | 2.83E-09 | 6.83E-09 | 10.41236 | MRPS25 | mitochondrial ribosomal protein S25 | ENSG00000131368 |
| -0.61264 | 6.168356 | -11.4436 | 1.67E-13 | 1.61E-12 | 20.27415 | HHIP | hedgehog interacting protein | ENSG00000164161 |
| -0.6121 | 7.849759 | -5.30374 | 6.04E-06 | 7.52E-06 | 2.720589 | LOC644051 | isocitrate dehydrogenase (NADP(+)) 1, cytosolic pseudogene | NA |
| -0.61169 | 6.713865 | -10.7869 | 8.68E-13 | 6.29E-12 | 18.60027 | ARHGEF26 | Rho guanine nucleotide exchange factor 26 | ENSG00000114790 |
| -0.61156 | 6.669089 | -13.8202 | 6.61E-16 | 1.65E-14 | 25.88533 | IL17RD | interleukin 17 receptor D | ENSG00000144730 |
| -0.61087 | 7.113057 | -9.58211 | 2.07E-11 | 9.43E-11 | 15.3845 | KATNA1 | katanin catalytic subunit A1 | ENSG00000186625 |
| -0.61018 | 8.847639 | -6.73187 | 7.67E-08 | 1.34E-07 | 7.086931 | MAP4K5 | mitogen-activated protein kinase kinase kinase kinase 5 | ENSG00000012983 |
| -0.61018 | 7.006593 | -10.0403 | 6.06E-12 | 3.30E-11 | 16.62961 | PHLDB2 | pleckstrin homology like domain family B member 2 | ENSG00000144824 |
| -0.60997 | 7.89395 | -5.72578 | 1.66E-06 | 2.29E-06 | 4.009742 | RCOR2 | REST corepressor 2 | ENSG00000167771 |
| -0.60954 | 6.894114 | -8.27424 | 8.01E-10 | 2.25E-09 | 11.68542 | RAMP2 | receptor activity modifying protein 2 | ENSG00000131477 |
| -0.60951 | 6.705997 | -15.2614 | 3.15E-17 | 2.44E-15 | 28.97343 | ACSF3 | acyl-CoA synthetase family member 3 | ENSG00000176715 |
| -0.60872 | 8.04247 | -4.96718 | 1.69E-05 | 1.96E-05 | 1.700774 | SNORD36B | small nucleolar RNA, C/D box 36B | ENSG00000200831 |
| -0.60867 | 9.251117 | -5.9068 | 9.51E-07 | 1.36E-06 | 4.564318 | SF3A1 | splicing factor 3a subunit 1 | ENSG00000099995 |
| -0.60806 | 7.206712 | -8.05999 | 1.49E-09 | 3.86E-09 | 11.06022 | ZBTB24 | zinc finger and BTB domain containing 24 | ENSG00000112365 |
| -0.60801 | 7.451998 | -8.79695 | 1.81E-10 | 5.96E-10 | 13.18875 | DCP1B | decapping mRNA 1B | ENSG00000151065 |
| -0.6077 | 8.350827 | -6.0593 | 5.96E-07 | 9.15E-07 | 5.031666 | EPC2 | enhancer of polycomb homolog 2 | ENSG00000135999 |
| -0.60733 | 7.251639 | -10.6419 | 1.26E-12 | 8.40E-12 | 18.2232 | DOCK4 | dedicator of cytokinesis 4 | ENSG00000128512 |
| -0.60717 | 7.975561 | -10.2779 | 3.24E-12 | 1.90E-11 | 17.26457 | KMT5B | lysine methyltransferase 5B | ENSG00000110066 |
| -0.60623 | 7.599153 | -5.04458 | 1.33E-05 | 1.58E-05 | 1.934397 | H4C13 | H4 clustered histone 13 | ENSG00000275126 |
| -0.60617 | 9.242104 | -7.06271 | 2.83E-08 | 5.59E-08 | 8.090065 | PCM1 | pericentriolar material 1 | ENSG00000078674 |
| -0.60613 | 8.835885 | -13.2504 | 2.34E-15 | 5.04E-14 | 24.60124 | PICALM | phosphatidylinositol binding clathrin assembly protein | ENSG00000073921 |
| -0.60599 | 7.772915 | -10.3639 | 2.59E-12 | 1.59E-11 | 17.4926 | MPHOSPH8 | M-phase phosphoprotein 8 | ENSG00000196199 |
| -0.6056 | 7.485985 | -5.97939 | 7.61E-07 | 1.12E-06 | 4.786781 | CEP152 | centrosomal protein 152 | ENSG00000103995 |
| -0.60525 | 10.53748 | -6.97477 | 3.69E-08 | 7.03E-08 | 7.824132 | GOT2 | glutamic-oxaloacetic transaminase 2 | ENSG00000125166 |
| -0.60521 | 7.770002 | -4.1436 | 0.0002 | 0.00021 | -0.73041 | SNORD117 | small nucleolar RNA, C/D box 117 | ENSG00000201785 |
| -0.60478 | 9.112961 | -3.66593 | 0.000795 | 0.000811 | -2.07099 | SNORD27 | small nucleolar RNA, C/D box 27 | ENSG00000275996 |
| -0.6042 | 11.12537 | -5.80905 | 1.28E-06 | 1.81E-06 | 4.264797 | PSMB7 | proteasome 20S subunit beta 7 | ENSG00000136930 |
| -0.60367 | 7.874327 | -3.39218 | 0.001707 | 0.001734 | -2.80597 | NDUFAF2P1 | NDUFAF2 pseudogene 1 | ENSG00000279307 |
| -0.60363 | 8.134568 | -10.1427 | 4.62E-12 | 2.63E-11 | 16.90428 | INSIG1 | insulin induced gene 1 | ENSG00000186480 |
| -0.60357 | 7.890963 | -6.1567 | 4.42E-07 | 6.90E-07 | 5.33007 | LRP12 | LDL receptor related protein 12 | ENSG00000147650 |
| -0.60333 | 7.047985 | -8.73934 | 2.13E-10 | 6.87E-10 | 13.02463 | BAGE2 | BAGE family member 2 | ENSG00000187172 |
| -0.60203 | 6.647536 | -9.77705 | 1.22E-11 | 5.92E-11 | 15.91757 | CFAP20DC | CFAP20 domain containing | ENSG00000163689 |
| -0.60179 | 7.420888 | -11.0117 | 4.90E-13 | 3.95E-12 | 19.17959 | IFT20 | intraflagellar transport 20 | ENSG00000109083 |
| -0.60175 | 6.829695 | -11.4861 | 1.50E-13 | 1.49E-12 | 20.3808 | UNC13A | unc-13 homolog A | ENSG00000130477 |
| -0.60102 | 7.468198 | -4.44169 | 8.26E-05 | 8.92E-05 | 0.135591 | SNORA24B | small nucleolar RNA, H/ACA box 24B | ENSG00000206903 |
| -0.60053 | 5.875283 | -6.22639 | 3.57E-07 | 5.67E-07 | 5.543499 | MIR130B | microRNA 130b | ENSG00000283871 |
| -0.60039 | 6.339552 | -16.2693 | 4.24E-18 | 1.64E-15 | 31.0062 | SLC9A7 | solute carrier family 9 member A7 | ENSG00000065923 |
| -0.6 | 9.293515 | -9.58512 | 2.05E-11 | 9.43E-11 | 15.39275 | DNAJC7 | DnaJ heat shock protein family (Hsp40) member C7 | ENSG00000168259 |
| -0.59986 | 6.641761 | -4.74179 | 3.35E-05 | 3.78E-05 | 1.024502 | ZNF670 | zinc finger protein 670 | ENSG00000277462 |
| -0.5993 | 9.233461 | -9.17068 | 6.39E-11 | 2.42E-10 | 14.24351 | MCM6 | minichromosome maintenance complex component 6 | ENSG00000076003 |
| -0.59872 | 6.717415 | -5.40018 | 4.50E-06 | 5.72E-06 | 3.014414 | DPH6 | diphthamine biosynthesis 6 | ENSG00000134146 |
| -0.59842 | 7.867608 | -6.44322 | 1.84E-07 | 3.04E-07 | 6.206779 | LZIC | leucine zipper and CTNNBIP1 domain containing | ENSG00000162441 |
| -0.59817 | 8.085474 | -5.89762 | 9.78E-07 | 1.40E-06 | 4.536186 | ZBTB33 | zinc finger and BTB domain containing 33 | ENSG00000177485 |
| -0.5976 | 9.693881 | -9.02843 | 9.48E-11 | 3.49E-10 | 13.84407 | PRPS1 | phosphoribosyl pyrophosphate synthetase 1 | ENSG00000147224 |
| -0.59751 | 6.043487 | -6.75542 | 7.14E-08 | 1.26E-07 | 7.158561 | ZBED8 | zinc finger BED-type containing 8 | ENSG00000221886 |
| -0.59745 | 9.048457 | -3.84071 | 0.000482 | 0.000501 | -1.5882 | HIPK2 | homeodomain interacting protein kinase 2 | ENSG00000064393 |
| -0.59738 | 7.898198 | -8.27606 | 7.97E-10 | 2.25E-09 | 11.69069 | LNPK | lunapark, ER junction formation factor | ENSG00000144320 |
| -0.59663 | 7.295702 | -14.5813 | 1.29E-16 | 6.24E-15 | 27.54377 | DEF8 | differentially expressed in FDCP 8 homolog | ENSG00000140995 |
| -0.59658 | 8.160314 | -7.764 | 3.53E-09 | 8.37E-09 | 10.18847 | DICER1 | dicer 1, ribonuclease III | ENSG00000100697 |
| -0.59656 | 8.717087 | -5.63606 | 2.18E-06 | 2.95E-06 | 3.735101 | BRIP1 | BRCA1 interacting protein C-terminal helicase 1 | ENSG00000136492 |
| -0.59648 | 7.832141 | -6.4117 | 2.03E-07 | 3.30E-07 | 6.110444 | ZDHHC7 | zinc finger DHHC-type palmitoyltransferase 7 | ENSG00000153786 |
| -0.59644 | 6.942714 | -13.1955 | 2.65E-15 | 5.40E-14 | 24.4757 | CNN1 | calponin 1 | ENSG00000130176 |
| -0.59589 | 7.198912 | -5.70868 | 1.75E-06 | 2.40E-06 | 3.95738 | GLIDR | glioblastoma down-regulated RNA | ENSG00000278175 |
| -0.59585 | 6.730183 | -8.42061 | 5.26E-10 | 1.56E-09 | 12.10958 | TERF2IPP1 | TERF2 interacting protein pseudogene 1 | NA |
| -0.59563 | 7.877733 | -5.07869 | 1.20E-05 | 1.43E-05 | 2.037519 | MBIP | MAP3K12 binding inhibitory protein 1 | ENSG00000151332 |
| -0.59454 | 6.99171 | -5.78086 | 1.40E-06 | 1.96E-06 | 4.178416 | BBS10 | Bardet-Biedl syndrome 10 | ENSG00000179941 |
| -0.59405 | 7.047548 | -9.54435 | 2.29E-11 | 1.03E-10 | 15.28068 | MYL9 | myosin light chain 9 | ENSG00000101335 |
| -0.59341 | 9.183327 | -5.30447 | 6.03E-06 | 7.52E-06 | 2.722802 | ACO2 | aconitase 2 | ENSG00000100412 |
| -0.59277 | 7.094124 | -10.9319 | 6.00E-13 | 4.55E-12 | 18.97486 | SUMF1 | sulfatase modifying factor 1 | ENSG00000144455 |
| -0.59244 | 6.550537 | -14.1626 | 3.15E-16 | 1.01E-14 | 26.63924 | NTNG1 | netrin G1 | ENSG00000162631 |
| -0.59191 | 6.452884 | -4.96238 | 1.71E-05 | 1.99E-05 | 1.686309 | CETN3 | centrin 3 | ENSG00000153140 |
| -0.59117 | 8.63757 | -5.11125 | 1.09E-05 | 1.31E-05 | 2.136107 | MED24 | mediator complex subunit 24 | ENSG00000008838 |
| -0.59096 | 5.898131 | -5.94058 | 8.57E-07 | 1.25E-06 | 4.667837 | TCEA1P3 | transcription elongation factor A1 pseudogene 3 | NA |
| -0.59094 | 7.298018 | -11.234 | 2.80E-13 | 2.47E-12 | 19.74591 | SRD5A1 | steroid 5 alpha-reductase 1 | ENSG00000145545 |
| -0.59019 | 6.276544 | -8.63798 | 2.84E-10 | 8.78E-10 | 12.73495 | MAFB | MAF bZIP transcription factor B | ENSG00000204103 |
| -0.58958 | 5.848251 | -3.58351 | 0.001003 | 0.001021 | -2.29516 | LOC107986056 | uncharacterized LOC107986056 | NA |
| -0.58924 | 8.281754 | -8.73298 | 2.17E-10 | 6.94E-10 | 13.00649 | LRP6 | LDL receptor related protein 6 | ENSG00000070018 |
| -0.58912 | 6.759879 | -12.1124 | 3.28E-14 | 5.08E-13 | 21.92265 | HSPA12A | heat shock protein family A (Hsp70) member 12A | ENSG00000165868 |
| -0.58885 | 8.30818 | -5.5341 | 2.98E-06 | 3.91E-06 | 3.423279 | CDC40 | cell division cycle 40 | ENSG00000168438 |
| -0.58845 | 7.98729 | -6.78764 | 6.48E-08 | 1.16E-07 | 7.256504 | BBIP1 | BBSome interacting protein 1 | ENSG00000214413 |
| -0.58844 | 8.098973 | -6.73011 | 7.71E-08 | 1.34E-07 | 7.081571 | MRPL22 | mitochondrial ribosomal protein L22 | ENSG00000082515 |
| -0.58813 | 7.532726 | -6.68857 | 8.75E-08 | 1.50E-07 | 6.955158 | CTNS | cystinosin, lysosomal cystine transporter | ENSG00000040531 |
| -0.58798 | 6.821456 | -8.2078 | 9.70E-10 | 2.64E-09 | 11.49206 | ZNF891 | zinc finger protein 891 | ENSG00000214029 |
| -0.58714 | 8.534376 | -6.75944 | 7.06E-08 | 1.25E-07 | 7.170795 | CPNE2 | copine 2 | ENSG00000140848 |
| -0.5868 | 5.758146 | -3.27512 | 0.002352 | 0.002376 | -3.11145 | SNORD116-29 | small nucleolar RNA, C/D box 116-29 | ENSG00000207245 |
| -0.58679 | 7.273412 | -10.6466 | 1.24E-12 | 8.40E-12 | 18.23562 | MAPK8IP2 | mitogen-activated protein kinase 8 interacting protein 2 | ENSG00000008735 |
| -0.58671 | 6.173803 | -7.29828 | 1.40E-08 | 2.83E-08 | 8.799613 | RPL26P11 | ribosomal protein L26 pseudogene 11 | ENSG00000232751 |
| -0.58665 | 8.545099 | -3.89737 | 0.00041 | 0.000426 | -1.42969 | PTBP2 | polypyrimidine tract binding protein 2 | ENSG00000117569 |
| -0.58652 | 7.088394 | -5.15506 | 9.52E-06 | 1.15E-05 | 2.268853 | RPS12P4 | ribosomal protein S12 pseudogene 4 | NA |
| -0.58503 | 6.958389 | -8.07105 | 1.44E-09 | 3.77E-09 | 11.0926 | MAP2K4P1 | mitogen-activated protein kinase kinase 4 pseudogene 1 | ENSG00000269904 |
| -0.58478 | 6.063348 | -9.3117 | 4.33E-11 | 1.75E-10 | 14.63701 | STXBP5L | syntaxin binding protein 5 like | ENSG00000145087 |
| -0.58379 | 7.102701 | -5.64552 | 2.12E-06 | 2.88E-06 | 3.764055 | H4C9 | H4 clustered histone 9 | ENSG00000276180 |
| -0.58313 | 8.253441 | -7.03286 | 3.09E-08 | 6.05E-08 | 7.999851 | RERE | arginine-glutamic acid dipeptide repeats | ENSG00000142599 |
| -0.58256 | 8.322591 | -11.5697 | 1.22E-13 | 1.28E-12 | 20.58939 | NARF | nuclear prelamin A recognition factor | ENSG00000141562 |
| -0.58239 | 5.793773 | -8.98775 | 1.06E-10 | 3.88E-10 | 13.72937 | MGAT4A | alpha-1,3-mannosyl-glycoprotein 4-beta-N-acetylglucosaminyltransferase A | ENSG00000071073 |
| -0.58216 | 7.307294 | -8.26985 | 8.11E-10 | 2.26E-09 | 11.67266 | RESF1 | retroelement silencing factor 1 | ENSG00000174718 |
| -0.58202 | 7.36526 | -10.7318 | 9.99E-13 | 6.90E-12 | 18.45741 | C11orf80 | chromosome 11 open reading frame 80 | ENSG00000173715 |
| -0.58157 | 8.844536 | -7.71776 | 4.04E-09 | 9.42E-09 | 10.05149 | UBE2R2 | ubiquitin conjugating enzyme E2 R2 | ENSG00000107341 |
| -0.58146 | 7.319409 | -6.99889 | 3.43E-08 | 6.60E-08 | 7.897116 | COX10-AS1 | COX10 antisense RNA 1 | ENSG00000236088 |
| -0.58136 | 7.188357 | -6.08694 | 5.47E-07 | 8.44E-07 | 5.116351 | ZNF616 | zinc finger protein 616 | ENSG00000204611 |
| -0.58113 | 9.117112 | -6.09757 | 5.30E-07 | 8.24E-07 | 5.148937 | RANBP2 | RAN binding protein 2 | ENSG00000153201 |
| -0.58073 | 7.214197 | -10.1326 | 4.75E-12 | 2.66E-11 | 16.87715 | SCARA3 | scavenger receptor class A member 3 | ENSG00000168077 |
| -0.58048 | 6.521052 | -13.8055 | 6.83E-16 | 1.65E-14 | 25.85269 | CCBE1 | collagen and calcium binding EGF domains 1 | ENSG00000183287 |
| -0.5802 | 6.022347 | -9.70771 | 1.47E-11 | 7.04E-11 | 15.72851 | OLFM3 | olfactomedin 3 | ENSG00000118733 |
| -0.58006 | 7.613063 | -4.79664 | 2.84E-05 | 3.22E-05 | 1.18848 | SCML1 | Scm polycomb group protein like 1 | ENSG00000047634 |
| -0.58005 | 6.810759 | -15.4442 | 2.17E-17 | 2.10E-15 | 29.34953 | NKD1 | NKD inhibitor of WNT signaling pathway 1 | ENSG00000140807 |
| -0.58004 | 6.461494 | -4.35176 | 0.000108 | 0.000115 | -0.12764 | SNORD51 | small nucleolar RNA, C/D box 51 | ENSG00000207047 |
| -0.58002 | 6.672007 | -10.2986 | 3.07E-12 | 1.83E-11 | 17.31964 | LOC101929066 | uncharacterized LOC101929066 | ENSG00000245281 |
|  |  |  |  |  |  |  |  |  |
| **Genes induced by irradiation, 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 |
| 0.580196 | 6.677667 | 9.660891 | 1.67E-11 | 7.52E-11 | 15.59275 | FAM149B1P1 | family with sequence similarity 149, member B2 | ENSG00000214424 |
| 0.580243 | 7.384024 | 11.21297 | 2.96E-13 | 2.46E-12 | 19.68532 | TMF1 | TATA element modulatory factor 1 | ENSG00000144747 |
| 0.580682 | 7.970356 | 4.862058 | 2.33E-05 | 2.58E-05 | 1.376016 | AFF1 | AF4/FMR2 family member 1 | ENSG00000172493 |
| 0.580682 | 10.35155 | 5.344861 | 5.33E-06 | 6.56E-06 | 2.83731 | TRIM24 | tripartite motif containing 24 | ENSG00000122779 |
| 0.580752 | 7.936401 | 5.809596 | 1.28E-06 | 1.78E-06 | 4.25802 | TRMT1L | tRNA methyltransferase 1 like | ENSG00000121486 |
| 0.581144 | 8.390259 | 5.14579 | 9.80E-06 | 1.15E-05 | 2.232232 | INTS12 | integrator complex subunit 12 | ENSG00000138785 |
| 0.581342 | 7.762719 | 6.787749 | 6.48E-08 | 1.17E-07 | 7.248543 | MCOLN1 | mucolipin 1 | ENSG00000090674 |
| 0.58152 | 8.022075 | 7.031598 | 3.11E-08 | 5.89E-08 | 7.987782 | ERCC1 | ERCC excision repair 1, endonuclease non-catalytic subunit | ENSG00000012061 |
| 0.581828 | 8.386242 | 5.714301 | 1.72E-06 | 2.34E-06 | 3.966131 | ERO1A | endoplasmic reticulum oxidoreductase 1 alpha | ENSG00000197930 |
| 0.582229 | 8.450012 | 7.760661 | 3.56E-09 | 8.14E-09 | 10.17046 | LYPLA2 | lysophospholipase 2 | ENSG00000011009 |
| 0.582467 | 7.940873 | 6.412182 | 2.03E-07 | 3.35E-07 | 6.103562 | TUSC1 | tumor suppressor candidate 1 | ENSG00000198680 |
| 0.582945 | 7.609513 | 6.010297 | 6.92E-07 | 1.02E-06 | 4.873084 | ERF | ETS2 repressor factor | ENSG00000105722 |
| 0.583193 | 7.50112 | 9.578957 | 2.09E-11 | 9.18E-11 | 15.36806 | ZPR1 | ZPR1 zinc finger | ENSG00000109917 |
| 0.583329 | 8.12492 | 8.112344 | 1.28E-09 | 3.32E-09 | 11.20538 | PCID2 | PCI domain containing 2 | ENSG00000126226 |
| 0.583608 | 9.056742 | 5.409594 | 4.37E-06 | 5.53E-06 | 3.034645 | PDZD11 | PDZ domain containing 11 | ENSG00000120509 |
| 0.583775 | 9.123778 | 5.075653 | 1.21E-05 | 1.42E-05 | 2.019816 | UBL5 | ubiquitin like 5 | ENSG00000198258 |
| 0.583793 | 6.916192 | 10.84813 | 7.42E-13 | 5.21E-12 | 18.75134 | EPHB6 | EPH receptor B6 | ENSG00000106123 |
| 0.583894 | 7.543638 | 9.073271 | 8.37E-11 | 3.16E-10 | 13.96238 | ARHGAP12 | Rho GTPase activating protein 12 | ENSG00000165322 |
| 0.585074 | 9.528222 | 8.078751 | 1.41E-09 | 3.61E-09 | 11.10709 | IDH3A | isocitrate dehydrogenase (NAD(+)) 3 catalytic subunit alpha | ENSG00000166411 |
| 0.585544 | 8.299483 | 5.913071 | 9.33E-07 | 1.33E-06 | 4.575104 | CHSY1 | chondroitin sulfate synthase 1 | ENSG00000131873 |
| 0.585868 | 5.372258 | 3.677264 | 0.00077 | 0.000785 | -2.04866 | LOC105373313 | uncharacterized LOC105373313 | NA |
| 0.586103 | 9.658124 | 6.380357 | 2.23E-07 | 3.65E-07 | 6.006264 | CDK9 | cyclin dependent kinase 9 | ENSG00000136807 |
| 0.586148 | 9.199727 | 3.977794 | 0.000325 | 0.000337 | -1.21172 | UBL5P2 | ubiquitin like 5 pseudogene 2 | NA |
| 0.586755 | 6.332038 | 11.86864 | 5.90E-14 | 6.39E-13 | 21.32115 | MYO1E | myosin IE | ENSG00000157483 |
| 0.587322 | 8.443742 | 6.555832 | 1.31E-07 | 2.23E-07 | 6.542269 | MALSU1 | mitochondrial assembly of ribosomal large subunit 1 | ENSG00000156928 |
| 0.58758 | 7.978272 | 8.756322 | 2.03E-10 | 6.64E-10 | 13.06511 | USP38 | ubiquitin specific peptidase 38 | ENSG00000170185 |
| 0.587952 | 7.376409 | 11.10659 | 3.86E-13 | 3.03E-12 | 19.41475 | GNB5 | G protein subunit beta 5 | ENSG00000069966 |
| 0.58807 | 8.611697 | 9.879294 | 9.30E-12 | 4.59E-11 | 16.1875 | PDSS1 | decaprenyl diphosphate synthase subunit 1 | ENSG00000148459 |
| 0.588152 | 7.470044 | 8.85849 | 1.52E-10 | 5.25E-10 | 13.35568 | FADS3 | fatty acid desaturase 3 | ENSG00000221968 |
| 0.588437 | 8.930104 | 11.88399 | 5.68E-14 | 6.39E-13 | 21.3588 | ELOA | elongin A | ENSG00000011007 |
| 0.58892 | 7.787129 | 7.449639 | 8.92E-09 | 1.85E-08 | 9.244965 | DHRS11 | dehydrogenase/reductase 11 | ENSG00000278535 |
| 0.589822 | 7.87456 | 5.936109 | 8.69E-07 | 1.25E-06 | 4.645709 | TENM3 | teneurin transmembrane protein 3 | ENSG00000218336 |
| 0.590476 | 7.767611 | 6.023262 | 6.65E-07 | 9.99E-07 | 4.912816 | GAB1 | GRB2 associated binding protein 1 | ENSG00000109458 |
| 0.591075 | 5.938733 | 14.505 | 1.52E-16 | 5.05E-15 | 27.37396 | PRKG1 | protein kinase cGMP-dependent 1 | ENSG00000185532 |
| 0.591451 | 8.460793 | 9.299069 | 4.48E-11 | 1.76E-10 | 14.59403 | DNAJC13 | DnaJ heat shock protein family (Hsp40) member C13 | ENSG00000138246 |
| 0.592073 | 7.982198 | 8.001359 | 1.76E-09 | 4.35E-09 | 10.88018 | DDAH1 | dimethylarginine dimethylaminohydrolase 1 | ENSG00000153904 |
| 0.592717 | 8.73216 | 5.671064 | 1.96E-06 | 2.65E-06 | 3.83376 | RPL17 | ribosomal protein L17 | ENSG00000265681 |
| 0.592723 | 5.75336 | 6.009726 | 6.93E-07 | 1.02E-06 | 4.871333 | CALCRL | calcitonin receptor like receptor | ENSG00000064989 |
| 0.593006 | 8.667113 | 5.01467 | 1.46E-05 | 1.68E-05 | 1.835505 | MVB12A | multivesicular body subunit 12A | ENSG00000141971 |
| 0.593125 | 7.673007 | 5.530528 | 3.02E-06 | 3.94E-06 | 3.403898 | SNX7 | sorting nexin 7 | ENSG00000162627 |
| 0.594694 | 9.264361 | 4.198865 | 0.00017 | 0.000179 | -0.57996 | NOC2L | NOC2 like nucleolar associated transcriptional repressor | ENSG00000188976 |
| 0.594979 | 8.034202 | 8.009409 | 1.72E-09 | 4.28E-09 | 10.90381 | DHRS7 | dehydrogenase/reductase 7 | ENSG00000100612 |
| 0.595616 | 6.02591 | 16.82746 | 1.45E-18 | 1.16E-16 | 32.08467 | PDE11A | phosphodiesterase 11A | ENSG00000128655 |
| 0.595751 | 7.79719 | 7.32538 | 1.29E-08 | 2.59E-08 | 8.872762 | PKD2 | polycystin 2, transient receptor potential cation channel | ENSG00000118762 |
| 0.595829 | 7.829719 | 7.528498 | 7.06E-09 | 1.49E-08 | 9.480475 | MBD1 | methyl-CpG binding domain protein 1 | ENSG00000141644 |
| 0.596395 | 8.48398 | 5.848397 | 1.14E-06 | 1.59E-06 | 4.376907 | HK1 | hexokinase 1 | ENSG00000156515 |
| 0.596712 | 9.267388 | 10.69726 | 1.09E-12 | 7.04E-12 | 18.36008 | AGFG1 | ArfGAP with FG repeats 1 | ENSG00000173744 |
| 0.597794 | 10.488 | 5.973628 | 7.75E-07 | 1.12E-06 | 4.760699 | P4HB | prolyl 4-hydroxylase subunit beta | ENSG00000185624 |
| 0.597826 | 5.769289 | 7.605641 | 5.62E-09 | 1.21E-08 | 9.71031 | LINC01050 | long intergenic non-protein coding RNA 1050 | NA |
| 0.598039 | 7.221392 | 6.108414 | 5.13E-07 | 7.83E-07 | 5.173755 | PHLDA2 | pleckstrin homology like domain family A member 2 | ENSG00000181649 |
| 0.598435 | 8.421567 | 5.941607 | 8.54E-07 | 1.23E-06 | 4.662562 | MED15 | mediator complex subunit 15 | ENSG00000099917 |
| 0.598436 | 6.977449 | 6.76485 | 6.94E-08 | 1.25E-07 | 7.178934 | ZBTB7A | zinc finger and BTB domain containing 7A | ENSG00000178951 |
| 0.59871 | 9.206707 | 8.590727 | 3.24E-10 | 1.01E-09 | 12.59149 | NTAN1 | N-terminal asparagine amidase | ENSG00000157045 |
| 0.598985 | 6.479296 | 11.56489 | 1.24E-13 | 1.18E-12 | 20.57011 | KCNK1 | potassium two pore domain channel subfamily K member 1 | ENSG00000135750 |
| 0.599071 | 9.107978 | 5.171056 | 9.07E-06 | 1.08E-05 | 2.308858 | PRELID1P1 | PRELID1 pseudogene 1 | ENSG00000217325 |
| 0.59919 | 8.477764 | 5.987324 | 7.43E-07 | 1.08E-06 | 4.802676 | ECE1 | endothelin converting enzyme 1 | ENSG00000117298 |
| 0.599348 | 7.288517 | 6.966576 | 3.78E-08 | 7.06E-08 | 7.791045 | TNXB | tenascin XB | ENSG00000168477 |
| 0.599441 | 7.510793 | 7.975639 | 1.90E-09 | 4.66E-09 | 10.80462 | TYK2 | tyrosine kinase 2 | ENSG00000105397 |
| 0.60044 | 6.758074 | 9.33595 | 4.05E-11 | 1.60E-10 | 14.69659 | RBMS2P1 | RNA binding motif single stranded interacting protein 2 pseudogene 1 | NA |
| 0.601495 | 9.169435 | 10.71184 | 1.05E-12 | 6.89E-12 | 18.39803 | IQGAP1 | IQ motif containing GTPase activating protein 1 | ENSG00000140575 |
| 0.602178 | 6.141308 | 14.73241 | 9.39E-17 | 3.76E-15 | 27.85927 | LMO7 | LIM domain 7 | ENSG00000136153 |
| 0.602646 | 8.854454 | 9.400348 | 3.40E-11 | 1.37E-10 | 14.87526 | ATG3 | autophagy related 3 | ENSG00000144848 |
| 0.603217 | 8.251564 | 6.058657 | 5.97E-07 | 9.04E-07 | 5.021288 | NRSN2 | neurensin 2 | ENSG00000125841 |
| 0.603338 | 6.877866 | 6.645273 | 9.98E-08 | 1.73E-07 | 6.814974 | DGCR11 | DiGeorge syndrome critical region gene 11 | ENSG00000273311 |
| 0.604302 | 6.356426 | 10.85076 | 7.37E-13 | 5.21E-12 | 18.75812 | MPP4 | membrane palmitoylated protein 4 | ENSG00000082126 |
| 0.604311 | 7.102411 | 8.166326 | 1.09E-09 | 2.89E-09 | 11.36308 | ANKS6 | ankyrin repeat and sterile alpha motif domain containing 6 | ENSG00000165138 |
| 0.604314 | 7.604444 | 4.075346 | 0.000244 | 0.000256 | -0.93447 | SNORA16A | small nucleolar RNA, H/ACA box 16A | ENSG00000280498 |
| 0.604651 | 6.287973 | 7.613899 | 5.48E-09 | 1.19E-08 | 9.734882 | CDH18 | cadherin 18 | ENSG00000145526 |
| 0.604874 | 6.355743 | 10.87722 | 6.89E-13 | 5.01E-12 | 18.82643 | AP1S3 | adaptor related protein complex 1 subunit sigma 3 | ENSG00000152056 |
| 0.605392 | 6.985576 | 7.786552 | 3.30E-09 | 7.59E-09 | 10.24708 | MGST2 | microsomal glutathione S-transferase 2 | ENSG00000085871 |
| 0.606414 | 6.621923 | 10.57586 | 1.49E-12 | 9.18E-12 | 18.04311 | HIF3A | hypoxia inducible factor 3 subunit alpha | ENSG00000124440 |
| 0.606481 | 6.094019 | 18.85537 | 3.73E-20 | 7.45E-18 | 35.79451 | IL1R1 | interleukin 1 receptor type 1 | ENSG00000115594 |
| 0.607429 | 6.891916 | 7.468287 | 8.44E-09 | 1.76E-08 | 9.300708 | LGALS8 | galectin 8 | ENSG00000116977 |
| 0.60827 | 7.611519 | 4.542053 | 6.11E-05 | 6.63E-05 | 0.422601 | USP12PX | USP12 pseudogene X-linked | NA |
| 0.608875 | 11.4714 | 5.678745 | 1.91E-06 | 2.59E-06 | 3.857271 | RAB7A | RAB7A, member RAS oncogene family | ENSG00000075785 |
| 0.608875 | 7.976226 | 8.899588 | 1.36E-10 | 4.76E-10 | 13.47221 | PCNX1 | pecanex 1 | ENSG00000100731 |
| 0.610072 | 8.041325 | 7.288077 | 1.44E-08 | 2.87E-08 | 8.760771 | GOLGA5 | golgin A5 | ENSG00000066455 |
| 0.610391 | 6.920307 | 8.942627 | 1.20E-10 | 4.30E-10 | 13.59402 | TSEN15 | tRNA splicing endonuclease subunit 15 | ENSG00000198860 |
| 0.610971 | 6.692041 | 7.73923 | 3.79E-09 | 8.58E-09 | 10.10698 | MARCHF4 | membrane associated ring-CH-type finger 4 | ENSG00000144583 |
| 0.611008 | 7.030569 | 7.824073 | 2.96E-09 | 6.96E-09 | 10.35801 | SOCS5 | suppressor of cytokine signaling 5 | ENSG00000171150 |
| 0.61192 | 7.925026 | 6.376012 | 2.26E-07 | 3.66E-07 | 5.992978 | TAB3 | TGF-beta activated kinase 1 (MAP3K7) binding protein 3 | ENSG00000157625 |
| 0.612413 | 7.920163 | 5.503607 | 3.27E-06 | 4.24E-06 | 3.321641 | AMPD2 | adenosine monophosphate deaminase 2 | ENSG00000116337 |
| 0.612958 | 7.704483 | 8.647045 | 2.76E-10 | 8.78E-10 | 12.75293 | TOR3A | torsin family 3 member A | ENSG00000186283 |
| 0.613313 | 9.023017 | 7.932821 | 2.15E-09 | 5.25E-09 | 10.67869 | EPS15 | epidermal growth factor receptor pathway substrate 15 | ENSG00000085832 |
| 0.614195 | 7.73199 | 9.593867 | 2.01E-11 | 8.91E-11 | 15.40901 | VASP | vasodilator stimulated phosphoprotein | ENSG00000125753 |
| 0.61423 | 7.632353 | 5.318869 | 5.77E-06 | 7.01E-06 | 2.758147 | PRELID1P5 | PRELID1 pseudogene 5 | NA |
| 0.614506 | 8.573676 | 12.28958 | 2.15E-14 | 3.14E-13 | 22.34294 | CSTF2 | cleavage stimulation factor subunit 2 | ENSG00000101811 |
| 0.615043 | 7.172216 | 11.15471 | 3.42E-13 | 2.79E-12 | 19.53733 | NRG2 | neuregulin 2 | ENSG00000158458 |
| 0.615109 | 8.408519 | 9.535975 | 2.35E-11 | 1.01E-10 | 15.24984 | RAB3GAP2 | RAB3 GTPase activating non-catalytic protein subunit 2 | ENSG00000118873 |
| 0.61515 | 10.76857 | 5.231126 | 7.55E-06 | 9.04E-06 | 2.491246 | SLIRP | SRA stem-loop interacting RNA binding protein | ENSG00000119705 |
| 0.615323 | 7.671926 | 7.33114 | 1.27E-08 | 2.56E-08 | 8.890047 | RITA1 | RBPJ interacting and tubulin associated 1 | ENSG00000139405 |
| 0.615545 | 6.963151 | 8.082614 | 1.39E-09 | 3.59E-09 | 11.1184 | SCYL3 | SCY1 like pseudokinase 3 | ENSG00000000457 |
| 0.615738 | 6.678331 | 8.517402 | 3.99E-10 | 1.21E-09 | 12.38073 | NUDT4 | nudix hydrolase 4 | ENSG00000173598 |
| 0.61589 | 9.819838 | 4.958237 | 1.74E-05 | 1.98E-05 | 1.665288 | EIF3G | eukaryotic translation initiation factor 3 subunit G | ENSG00000130811 |
| 0.615915 | 9.267857 | 6.043557 | 6.25E-07 | 9.44E-07 | 4.975014 | PRELID1 | PRELI domain containing 1 | ENSG00000169230 |
| 0.617056 | 7.469494 | 10.18574 | 4.13E-12 | 2.32E-11 | 17.01159 | STRN | striatin | ENSG00000115808 |
| 0.617114 | 8.458982 | 5.045448 | 1.33E-05 | 1.55E-05 | 1.928479 | UBA6 | ubiquitin like modifier activating enzyme 6 | ENSG00000033178 |
| 0.617581 | 8.580864 | 4.900434 | 2.07E-05 | 2.33E-05 | 1.491306 | GNA11 | G protein subunit alpha 11 | ENSG00000088256 |
| 0.617704 | 9.020932 | 4.848502 | 2.42E-05 | 2.68E-05 | 1.335333 | CDK5 | cyclin dependent kinase 5 | ENSG00000164885 |
| 0.619457 | 7.879249 | 7.098791 | 2.54E-08 | 4.88E-08 | 8.190774 | KIAA1109 | KIAA1109 | ENSG00000138688 |
| 0.620039 | 7.94714 | 7.312092 | 1.34E-08 | 2.68E-08 | 8.832881 | GPR108 | G protein-coupled receptor 108 | ENSG00000125734 |
| 0.620253 | 7.337102 | 3.453896 | 0.00144 | 0.001447 | -2.6514 | SNORD45B | small nucleolar RNA, C/D box 45B | ENSG00000201487 |
| 0.620293 | 7.950195 | 7.380716 | 1.09E-08 | 2.24E-08 | 9.038679 | INTS11 | integrator complex subunit 11 | ENSG00000127054 |
| 0.620529 | 10.24958 | 10.54569 | 1.61E-12 | 9.63E-12 | 17.96405 | PHB | prohibitin | ENSG00000167085 |
| 0.620591 | 6.84876 | 10.68275 | 1.13E-12 | 7.10E-12 | 18.32228 | ZCCHC2 | zinc finger CCHC-type containing 2 | ENSG00000141664 |
| 0.621729 | 7.803888 | 5.491087 | 3.40E-06 | 4.39E-06 | 3.283395 | ZNF827 | zinc finger protein 827 | ENSG00000151612 |
| 0.621853 | 6.102769 | 11.79134 | 7.11E-14 | 7.48E-13 | 21.13114 | ZNF815P | zinc finger protein 815, pseudogene | NA |
| 0.621908 | 7.117578 | 4.869524 | 2.27E-05 | 2.54E-05 | 1.398432 | MORN2 | MORN repeat containing 2 | ENSG00000188010 |
| 0.622207 | 7.641875 | 7.710625 | 4.13E-09 | 9.27E-09 | 10.02219 | PIP4K2C | phosphatidylinositol-5-phosphate 4-kinase type 2 gamma | ENSG00000166908 |
| 0.622538 | 8.495589 | 4.793048 | 2.87E-05 | 3.16E-05 | 1.169163 | ARHGAP35 | Rho GTPase activating protein 35 | ENSG00000160007 |
| 0.622603 | 8.581001 | 12.28098 | 2.20E-14 | 3.14E-13 | 22.32228 | C6orf89 | chromosome 6 open reading frame 89 | ENSG00000198663 |
| 0.622662 | 8.658653 | 6.757563 | 7.10E-08 | 1.27E-07 | 7.156778 | DDX49 | DEAD-box helicase 49 | ENSG00000105671 |
| 0.623161 | 6.205922 | 14.95409 | 5.92E-17 | 2.96E-15 | 28.3271 | PLCE1 | phospholipase C epsilon 1 | ENSG00000138193 |
| 0.623937 | 7.596159 | 9.374639 | 3.64E-11 | 1.46E-10 | 14.804 | PLPP1 | phospholipid phosphatase 1 | ENSG00000067113 |
| 0.624041 | 7.035802 | 11.32727 | 2.22E-13 | 1.98E-12 | 19.97442 | SLC25A30 | solute carrier family 25 member 30 | ENSG00000174032 |
| 0.624129 | 7.883456 | 7.488956 | 7.94E-09 | 1.66E-08 | 9.362456 | LOC100129245 | GAR1 ribonucleoprotein homolog (yeast) pseudogene | NA |
| 0.624238 | 7.146126 | 13.66064 | 9.39E-16 | 2.68E-14 | 25.52281 | PER3 | period circadian regulator 3 | ENSG00000049246 |
| 0.624648 | 8.603567 | 6.56551 | 1.27E-07 | 2.17E-07 | 6.571794 | HJURP | Holliday junction recognition protein | ENSG00000123485 |
| 0.625132 | 7.240127 | 9.01824 | 9.75E-11 | 3.60E-10 | 13.80747 | IL17RA | interleukin 17 receptor A | ENSG00000177663 |
| 0.625623 | 6.177715 | 4.618329 | 4.86E-05 | 5.30E-05 | 0.648437 | MIR1206 | microRNA 1206 | ENSG00000283200 |
| 0.62674 | 9.490509 | 12.2248 | 2.51E-14 | 3.35E-13 | 22.18712 | MAPKAP1 | MAPK associated protein 1 | ENSG00000119487 |
| 0.626951 | 8.30616 | 8.03824 | 1.58E-09 | 4.04E-09 | 10.98839 | PIP4K2A | phosphatidylinositol-5-phosphate 4-kinase type 2 alpha | ENSG00000150867 |
| 0.627405 | 8.127693 | 6.246493 | 3.36E-07 | 5.33E-07 | 5.596671 | SCAMP4 | secretory carrier membrane protein 4 | ENSG00000227500 |
| 0.627479 | 7.668722 | 5.924473 | 9.00E-07 | 1.29E-06 | 4.610049 | PRR12 | proline rich 12 | ENSG00000126464 |
| 0.627847 | 5.947813 | 3.241825 | 0.002573 | 0.00258 | -3.20599 | NOTCH2NLC | notch 2 N-terminal like C | ENSG00000286219 |
| 0.629006 | 9.569159 | 6.167203 | 4.28E-07 | 6.69E-07 | 5.353858 | ACTN4P1 | actinin alpha 4 pseudogene 1 | ENSG00000213493 |
| 0.63086 | 7.927237 | 9.016181 | 9.81E-11 | 3.60E-10 | 13.80167 | NDFIP2 | Nedd4 family interacting protein 2 | ENSG00000102471 |
| 0.6317 | 7.416715 | 11.47933 | 1.53E-13 | 1.42E-12 | 20.35644 | CARD19 | caspase recruitment domain family member 19 | ENSG00000165233 |
| 0.632027 | 6.231568 | 7.23877 | 1.67E-08 | 3.27E-08 | 8.612565 | IFIT2 | interferon induced protein with tetratricopeptide repeats 2 | ENSG00000119922 |
| 0.632215 | 7.62875 | 9.440909 | 3.04E-11 | 1.26E-10 | 14.98753 | DHRS4-AS1 | DHRS4 antisense RNA 1 | ENSG00000215256 |
| 0.632613 | 8.412581 | 7.045309 | 2.98E-08 | 5.68E-08 | 8.029229 | CHID1 | chitinase domain containing 1 | ENSG00000177830 |
| 0.633494 | 7.142344 | 6.081065 | 5.57E-07 | 8.48E-07 | 5.089953 | MSL3P1 | MSL complex subunit 3 pseudogene 1 | ENSG00000224287 |
| 0.634059 | 9.322043 | 8.225407 | 9.22E-10 | 2.56E-09 | 11.53531 | BABAM1 | BRISC and BRCA1 A complex member 1 | ENSG00000105393 |
| 0.634357 | 7.879955 | 6.865785 | 5.12E-08 | 9.43E-08 | 7.485525 | DANCR | differentiation antagonizing non-protein coding RNA | ENSG00000226950 |
| 0.635594 | 6.862003 | 6.02239 | 6.67E-07 | 9.99E-07 | 4.910144 | DEPDC1P1 | DEP domain containing 1 pseudogene 1 | NA |
| 0.635951 | 8.538721 | 6.706291 | 8.29E-08 | 1.47E-07 | 7.00079 | CCNK | cyclin K | ENSG00000090061 |
| 0.63656 | 6.872143 | 10.36871 | 2.55E-12 | 1.48E-11 | 17.49785 | ZNF259P1 | zinc finger protein 259 pseudogene 1 | NA |
| 0.637244 | 7.512567 | 10.09018 | 5.31E-12 | 2.87E-11 | 16.75592 | SELENBP1 | selenium binding protein 1 | ENSG00000143416 |
| 0.637391 | 7.22711 | 6.593974 | 1.17E-07 | 2.01E-07 | 6.658609 | ZC3H11B | zinc finger CCCH-type containing 11B | ENSG00000215817 |
| 0.637589 | 8.354314 | 6.540198 | 1.37E-07 | 2.33E-07 | 6.494564 | EFEMP2 | EGF containing fibulin extracellular matrix protein 2 | ENSG00000172638 |
| 0.637753 | 8.013287 | 8.333026 | 6.76E-10 | 1.92E-09 | 11.84803 | GDAP2 | ganglioside induced differentiation associated protein 2 | ENSG00000196505 |
| 0.638188 | 7.903463 | 8.333053 | 6.76E-10 | 1.92E-09 | 11.84811 | COQ2 | coenzyme Q2, polyprenyltransferase | ENSG00000173085 |
| 0.638394 | 8.040348 | 6.920533 | 4.34E-08 | 8.07E-08 | 7.651562 | EFHD2 | EF-hand domain family member D2 | ENSG00000142634 |
| 0.638792 | 6.641725 | 13.25188 | 2.34E-15 | 5.19E-14 | 24.5979 | UPP1 | uridine phosphorylase 1 | ENSG00000183696 |
| 0.639808 | 6.774443 | 10.18564 | 4.13E-12 | 2.32E-11 | 17.01133 | GORAB | golgin, RAB6 interacting | ENSG00000120370 |
| 0.640419 | 6.296762 | 5.326351 | 5.64E-06 | 6.92E-06 | 2.78093 | LOC400212 | uncharacterized LOC400212 | NA |
| 0.64066 | 8.595631 | 7.495699 | 7.78E-09 | 1.64E-08 | 9.38259 | MRPL17 | mitochondrial ribosomal protein L17 | ENSG00000158042 |
| 0.640773 | 7.967575 | 5.877763 | 1.04E-06 | 1.46E-06 | 4.466897 | POP5 | POP5 homolog, ribonuclease P/MRP subunit | ENSG00000167272 |
| 0.641224 | 5.939545 | 12.33949 | 1.91E-14 | 3.06E-13 | 22.46262 | KDELR3 | KDEL endoplasmic reticulum protein retention receptor 3 | ENSG00000100196 |
| 0.641243 | 9.70651 | 6.516599 | 1.47E-07 | 2.49E-07 | 6.422535 | WDR1 | WD repeat domain 1 | ENSG00000071127 |
| 0.641919 | 6.516445 | 6.109747 | 5.10E-07 | 7.82E-07 | 5.177838 | LOC105378842 | uncharacterized LOC105378842 | NA |
| 0.642016 | 8.248208 | 5.421389 | 4.21E-06 | 5.35E-06 | 3.070628 | NCLN | nicalin | ENSG00000125912 |
| 0.642026 | 6.237172 | 9.200509 | 5.88E-11 | 2.26E-10 | 14.3191 | LOC105378550 | uncharacterized LOC105378550 | NA |
| 0.644271 | 5.932247 | 7.792017 | 3.25E-09 | 7.51E-09 | 10.26325 | L1TD1P1 | LINE-1 type transposase domain containing 1 pseudogene 1 | NA |
| 0.644365 | 7.223703 | 7.346413 | 1.21E-08 | 2.46E-08 | 8.935858 | PTEN | phosphatase and tensin homolog | ENSG00000171862 |
| 0.64442 | 7.050412 | 7.373262 | 1.12E-08 | 2.28E-08 | 9.016346 | PHLPP1 | PH domain and leucine rich repeat protein phosphatase 1 | ENSG00000081913 |
| 0.645495 | 7.873948 | 4.016166 | 0.00029 | 0.000302 | -1.10296 | MSC | musculin | ENSG00000178860 |
| 0.645618 | 9.086511 | 5.731291 | 1.63E-06 | 2.24E-06 | 4.018159 | SNORD81 | small nucleolar RNA, C/D box 81 | NA |
| 0.647027 | 7.957665 | 8.460997 | 4.69E-10 | 1.39E-09 | 12.21818 | AGAP7P | ArfGAP with GTPase domain, ankyrin repeat and PH domain 7, pseudogene | NA |
| 0.647175 | 9.19886 | 5.437404 | 4.01E-06 | 5.11E-06 | 3.119494 | LY6E | lymphocyte antigen 6 family member E | ENSG00000160932 |
| 0.647549 | 6.747361 | 14.57552 | 1.31E-16 | 4.75E-15 | 27.52503 | PARP9 | poly(ADP-ribose) polymerase family member 9 | ENSG00000138496 |
| 0.648996 | 8.368637 | 9.806033 | 1.13E-11 | 5.46E-11 | 15.98868 | GLRX5 | glutaredoxin 5 | ENSG00000182512 |
| 0.649793 | 8.367022 | 6.74821 | 7.30E-08 | 1.30E-07 | 7.128333 | LAP3 | leucine aminopeptidase 3 | ENSG00000002549 |
| 0.650517 | 7.412208 | 12.22572 | 2.51E-14 | 3.35E-13 | 22.18932 | DCUN1D5 | defective in cullin neddylation 1 domain containing 5 | ENSG00000137692 |
| 0.650876 | 7.636274 | 8.025741 | 1.64E-09 | 4.13E-09 | 10.95173 | ARID5B | AT-rich interaction domain 5B | ENSG00000150347 |
| 0.651836 | 7.911949 | 6.015293 | 6.82E-07 | 1.01E-06 | 4.888393 | HSF1 | heat shock transcription factor 1 | ENSG00000185122 |
| 0.652374 | 6.231255 | 8.011543 | 1.71E-09 | 4.28E-09 | 10.91007 | TTC30B | tetratricopeptide repeat domain 30B | ENSG00000196659 |
| 0.653193 | 5.500146 | 9.80591 | 1.13E-11 | 5.46E-11 | 15.98834 | MIR924HG | MIR924 host gene | ENSG00000267374 |
| 0.653932 | 6.213948 | 5.40464 | 4.44E-06 | 5.60E-06 | 3.019534 | EGLN1P1 | egl-9 family hypoxia inducible factor 1 pseudogene 1 | NA |
| 0.65766 | 7.089985 | 8.249819 | 8.59E-10 | 2.40E-09 | 11.60636 | PTPN21 | protein tyrosine phosphatase non-receptor type 21 | ENSG00000070778 |
| 0.657975 | 9.165327 | 5.659663 | 2.03E-06 | 2.73E-06 | 3.798863 | STUB1 | STIP1 homology and U-box containing protein 1 | ENSG00000103266 |
| 0.658688 | 7.688023 | 8.657853 | 2.68E-10 | 8.58E-10 | 12.78387 | USP25 | ubiquitin specific peptidase 25 | ENSG00000155313 |
| 0.659362 | 7.348323 | 11.65835 | 9.83E-14 | 9.59E-13 | 20.80244 | STAMBPL1 | STAM binding protein like 1 | ENSG00000138134 |
| 0.661644 | 8.35234 | 8.793065 | 1.83E-10 | 6.10E-10 | 13.16975 | SMG7 | SMG7 nonsense mediated mRNA decay factor | ENSG00000116698 |
| 0.662402 | 9.005162 | 8.97984 | 1.09E-10 | 3.95E-10 | 13.69916 | HPS3 | HPS3 biogenesis of lysosomal organelles complex 2 subunit 1 | ENSG00000163755 |
| 0.662998 | 7.015701 | 8.213451 | 9.54E-10 | 2.61E-09 | 11.50049 | DBP | D-box binding PAR bZIP transcription factor | ENSG00000105516 |
| 0.663151 | 7.510914 | 11.12364 | 3.70E-13 | 2.96E-12 | 19.45822 | ZNF551 | zinc finger protein 551 | ENSG00000204519 |
| 0.663865 | 6.840877 | 5.325395 | 5.65E-06 | 6.92E-06 | 2.778017 | RPS21P1 | ribosomal protein S21 pseudogene 1 | ENSG00000229795 |
| 0.663901 | 7.601043 | 7.913561 | 2.28E-09 | 5.52E-09 | 10.62199 | RIPK2 | receptor interacting serine/threonine kinase 2 | ENSG00000104312 |
| 0.664007 | 7.055047 | 9.730517 | 1.39E-11 | 6.52E-11 | 15.78302 | SLC27A3 | solute carrier family 27 member 3 | ENSG00000143554 |
| 0.665235 | 8.182116 | 7.132118 | 2.30E-08 | 4.44E-08 | 8.291331 | ZHX1 | zinc fingers and homeoboxes 1 | ENSG00000165156 |
| 0.665415 | 8.968704 | 8.462455 | 4.67E-10 | 1.39E-09 | 12.22238 | MLX | MAX dimerization protein MLX | ENSG00000108788 |
| 0.665899 | 7.6612 | 10.87755 | 6.89E-13 | 5.01E-12 | 18.82728 | TFPT | TCF3 fusion partner | ENSG00000105619 |
| 0.666755 | 6.187805 | 11.05156 | 4.43E-13 | 3.41E-12 | 19.27424 | DDX58 | DExD/H-box helicase 58 | ENSG00000107201 |
| 0.669308 | 8.003427 | 6.654699 | 9.69E-08 | 1.69E-07 | 6.84369 | RYBP | RING1 and YY1 binding protein | ENSG00000163602 |
| 0.671407 | 7.462358 | 4.769011 | 3.08E-05 | 3.38E-05 | 1.097261 | LOC646762 | uncharacterized LOC646762 | NA |
| 0.671818 | 7.084999 | 5.462386 | 3.72E-06 | 4.76E-06 | 3.195749 | PHKA2-AS1 | PHKA2 antisense RNA 1 | NA |
| 0.672965 | 9.095604 | 6.769579 | 6.85E-08 | 1.23E-07 | 7.19331 | TBRG4 | transforming growth factor beta regulator 4 | ENSG00000136270 |
| 0.673235 | 7.602879 | 6.503979 | 1.53E-07 | 2.56E-07 | 6.384005 | DHX32 | DEAH-box helicase 32 (putative) | ENSG00000089876 |
| 0.676323 | 7.936924 | 8.188202 | 1.03E-09 | 2.77E-09 | 11.4269 | NAA20 | N-alpha-acetyltransferase 20, NatB catalytic subunit | ENSG00000173418 |
| 0.67659 | 8.741724 | 4.337925 | 0.000112 | 0.00012 | -0.17661 | RPPH1 | ribonuclease P RNA component H1 | ENSG00000277209 |
| 0.677004 | 8.69781 | 12.08664 | 3.49E-14 | 4.50E-13 | 21.85307 | DEDD | death effector domain containing | ENSG00000158796 |
| 0.678156 | 7.345595 | 4.879239 | 2.21E-05 | 2.48E-05 | 1.42761 | BCL2L2-PABPN1 | BCL2L2-PABPN1 readthrough | ENSG00000258643 |
| 0.679144 | 6.947135 | 7.262283 | 1.56E-08 | 3.07E-08 | 8.683262 | C9orf116 | chromosome 9 open reading frame 116 | ENSG00000160345 |
| 0.679302 | 7.351106 | 7.266163 | 1.54E-08 | 3.05E-08 | 8.694927 | ADPRS | ADP-ribosylserine hydrolase | ENSG00000116863 |
| 0.679608 | 6.855144 | 7.861523 | 2.65E-09 | 6.28E-09 | 10.46858 | DECR1 | 2,4-dienoyl-CoA reductase 1 | ENSG00000104325 |
| 0.679895 | 6.707696 | 11.87054 | 5.87E-14 | 6.39E-13 | 21.32583 | GALC | galactosylceramidase | ENSG00000054983 |
| 0.681307 | 5.944495 | 12.85828 | 5.72E-15 | 1.20E-13 | 23.68893 | TRANK1 | tetratricopeptide repeat and ankyrin repeat containing 1 | ENSG00000168016 |
| 0.682924 | 8.3643 | 5.452224 | 3.83E-06 | 4.90E-06 | 3.164727 | MRPL40 | mitochondrial ribosomal protein L40 | ENSG00000185608 |
| 0.684156 | 7.212918 | 9.50066 | 2.58E-11 | 1.09E-10 | 15.15253 | SH3BP5L | SH3 binding domain protein 5 like | ENSG00000175137 |
| 0.685009 | 8.689267 | 9.031269 | 9.40E-11 | 3.51E-10 | 13.84418 | PRKD3 | protein kinase D3 | ENSG00000115825 |
| 0.689358 | 7.892228 | 4.473866 | 7.50E-05 | 8.11E-05 | 0.221567 | C3orf14 | chromosome 3 open reading frame 14 | ENSG00000114405 |
| 0.689906 | 7.491537 | 6.355138 | 2.41E-07 | 3.87E-07 | 5.929138 | FOSL2 | FOS like 2, AP-1 transcription factor subunit | ENSG00000075426 |
| 0.690128 | 6.678628 | 8.11555 | 1.27E-09 | 3.31E-09 | 11.21476 | IRF1 | interferon regulatory factor 1 | ENSG00000125347 |
| 0.690411 | 9.805144 | 5.750673 | 1.53E-06 | 2.12E-06 | 4.077519 | ACTN4 | actinin alpha 4 | ENSG00000130402 |
| 0.69333 | 7.563455 | 6.828324 | 5.73E-08 | 1.05E-07 | 7.371807 | DPYD | dihydropyrimidine dehydrogenase | ENSG00000188641 |
| 0.693495 | 9.345988 | 3.527692 | 0.001173 | 0.001184 | -2.45427 | RELA | RELA proto-oncogene, NF-kB subunit | ENSG00000173039 |
| 0.693622 | 7.961584 | 8.401516 | 5.56E-10 | 1.62E-09 | 12.04636 | ARL4D | ADP ribosylation factor like GTPase 4D | ENSG00000175906 |
| 0.69419 | 7.562114 | 9.530666 | 2.38E-11 | 1.01E-10 | 15.23522 | RCOR3 | REST corepressor 3 | ENSG00000117625 |
| 0.69575 | 5.998615 | 4.387888 | 9.69E-05 | 0.000104 | -0.03069 | LOC107984129 | uncharacterized LOC107984129 | NA |
| 0.696462 | 8.05776 | 6.668045 | 9.31E-08 | 1.63E-07 | 6.884344 | GTF2H2C | GTF2H2 family member C | ENSG00000183474 |
| 0.696478 | 8.283857 | 7.645282 | 5.00E-09 | 1.09E-08 | 9.828196 | MYD88 | MYD88 innate immune signal transduction adaptor | ENSG00000172936 |
| 0.700729 | 7.986463 | 4.903114 | 2.05E-05 | 2.33E-05 | 1.499363 | WASF4P | WASP family member 4, pseudogene | NA |
| 0.703114 | 8.005251 | 10.07873 | 5.47E-12 | 2.92E-11 | 16.72522 | CENPX | centromere protein X | ENSG00000169689 |
| 0.704579 | 9.173384 | 12.62958 | 9.70E-15 | 1.76E-13 | 23.15234 | RNF4 | ring finger protein 4 | ENSG00000063978 |
| 0.705196 | 8.178099 | 5.323668 | 5.68E-06 | 6.93E-06 | 2.772758 | PODXL | podocalyxin like | ENSG00000128567 |
| 0.705394 | 6.575098 | 6.450315 | 1.80E-07 | 3.01E-07 | 6.220097 | BHLHE41 | basic helix-loop-helix family member e41 | ENSG00000123095 |
| 0.70917 | 8.262906 | 11.22762 | 2.85E-13 | 2.42E-12 | 19.72248 | SMAP2 | small ArfGAP2 | ENSG00000084070 |
| 0.709565 | 9.360612 | 6.370813 | 2.30E-07 | 3.71E-07 | 5.977078 | RPL13A | ribosomal protein L13a | ENSG00000142541 |
| 0.713557 | 8.407381 | 12.43691 | 1.52E-14 | 2.54E-13 | 22.69539 | NECAP2 | NECAP endocytosis associated 2 | ENSG00000157191 |
| 0.716336 | 6.296783 | 11.99957 | 4.30E-14 | 5.38E-13 | 21.64133 | IKBKG | inhibitor of nuclear factor kappa B kinase regulatory subunit gamma | ENSG00000269335 |
| 0.723319 | 6.226788 | 5.724537 | 1.66E-06 | 2.28E-06 | 3.997475 | FABP5P10 | fatty acid binding protein 5 pseudogene 10 | NA |
| 0.725066 | 9.762161 | 9.405918 | 3.34E-11 | 1.37E-10 | 14.89069 | FIBP | FGF1 intracellular binding protein | ENSG00000172500 |
| 0.726674 | 6.437078 | 8.399935 | 5.58E-10 | 1.62E-09 | 12.04179 | CRYZL2P | crystallin zeta like 2, pseudogene | ENSG00000242193 |
| 0.740676 | 6.630435 | 6.671893 | 9.20E-08 | 1.62E-07 | 6.896063 | LOC724105 | cysteine rich transmembrane module containing 1 pseudogene | NA |
| 0.740711 | 7.274114 | 7.806966 | 3.11E-09 | 7.23E-09 | 10.30745 | METRNL | meteorin like, glial cell differentiation regulator | ENSG00000176845 |
| 0.749696 | 7.279571 | 10.18047 | 4.18E-12 | 2.32E-11 | 16.99752 | PDLIM1 | PDZ and LIM domain 1 | ENSG00000107438 |
| 0.75004 | 6.959545 | 12.73824 | 7.54E-15 | 1.44E-13 | 23.40807 | MAP3K21 | mitogen-activated protein kinase kinase kinase 21 | ENSG00000143674 |
| 0.750252 | 6.418877 | 8.916509 | 1.29E-10 | 4.58E-10 | 13.52013 | RAB32 | RAB32, member RAS oncogene family | ENSG00000118508 |
| 0.757905 | 7.98428 | 5.150603 | 9.65E-06 | 1.14E-05 | 2.246822 | MIR181B1 | microRNA 181b-1 | ENSG00000207975 |
| 0.761398 | 10.20822 | 6.508587 | 1.51E-07 | 2.54E-07 | 6.398074 | UBE2MP1 | ubiquitin conjugating enzyme E2 M pseudogene 1 | NA |
| 0.767616 | 6.49989 | 7.817381 | 3.02E-09 | 7.06E-09 | 10.33824 | MIR503 | microRNA 503 | ENSG00000208005 |
| 0.774633 | 8.21094 | 8.803218 | 1.78E-10 | 5.98E-10 | 13.19864 | TIMM8A | translocase of inner mitochondrial membrane 8A | ENSG00000126953 |
| 0.777988 | 5.950203 | 4.900851 | 2.07E-05 | 2.33E-05 | 1.49256 | MIR4742 | microRNA 4742 | ENSG00000266618 |
| 0.778575 | 6.122025 | 6.198475 | 3.89E-07 | 6.15E-07 | 5.449639 | LOC105375913 | uncharacterized LOC105375913 | NA |
| 0.801003 | 9.479688 | 6.376802 | 2.26E-07 | 3.66E-07 | 5.995393 | SNORD104 | small nucleolar RNA, C/D box 104 | ENSG00000199753 |
| 0.803686 | 7.947522 | 9.439608 | 3.05E-11 | 1.26E-10 | 14.98393 | PLA2G12AP1 | phospholipase A2 group XIIA pseudogene 1 | NA |
| 0.806358 | 8.469668 | 7.648898 | 4.95E-09 | 1.09E-08 | 9.838943 | YRDC | yrdC N6-threonylcarbamoyltransferase domain containing | ENSG00000196449 |
| 0.825594 | 8.34291 | 10.05436 | 5.84E-12 | 3.07E-11 | 16.65977 | OLFML3 | olfactomedin like 3 | ENSG00000116774 |
| 0.831603 | 7.313975 | 4.456566 | 7.90E-05 | 8.51E-05 | 0.170697 | ASAH2B | N-acylsphingosine amidohydrolase 2B | ENSG00000204147 |
| 0.896769 | 5.521566 | 9.270935 | 4.84E-11 | 1.88E-10 | 14.51567 | LOC105377547 | uncharacterized LOC105377547 | NA |
| 0.95487 | 6.368901 | 6.16818 | 4.27E-07 | 6.69E-07 | 5.356849 | SNORA74D | small nucleolar RNA, H/ACA box 74D | ENSG00000252213 |
| 0.960338 | 9.017032 | 10.0985 | 5.19E-12 | 2.85E-11 | 16.77824 | NFKBIA | NFKB inhibitor alpha | ENSG00000100906 |
| 0.980852 | 7.617111 | 11.43557 | 1.70E-13 | 1.54E-12 | 20.24681 | SNHG25 | small nucleolar RNA host gene 25 | ENSG00000266402 |
|  |  |  |  |  |  |  |  |  |
| **Genes induced by irradiation, 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 |
| -1.05557 | 7.157614 | -13.258 | 2.30E-15 | 5.19E-14 | 24.6119 | SESN2 | sestrin 2 | ENSG00000130766 |
| -1.01063 | 7.448454 | -5.6489 | 2.10E-06 | 2.81E-06 | 3.765932 | LOC107984798 | uncharacterized LOC107984798 | NA |
| -1.00795 | 7.544822 | -7.59477 | 5.80E-09 | 1.24E-08 | 9.677946 | GUSBP8 | GUSB pseudogene 8 | NA |
| -0.9912 | 6.763645 | -6.01232 | 6.88E-07 | 1.02E-06 | 4.879284 | H3-2 | H3.2 histone (putative) | ENSG00000273213 |
| -0.92648 | 6.347989 | -7.68892 | 4.40E-09 | 9.72E-09 | 9.957785 | LOC101929594 | uncharacterized LOC101929594 | NA |
| -0.89184 | 6.025049 | -5.04396 | 1.34E-05 | 1.55E-05 | 1.923988 | LOC102724906 | uncharacterized LOC102724906 | NA |
| -0.87955 | 9.152092 | -5.37982 | 4.79E-06 | 5.96E-06 | 2.943854 | RNVU1-17 | RNA, variant U1 small nuclear 17 | ENSG00000207349 |
| -0.86854 | 8.727084 | -4.99735 | 1.54E-05 | 1.77E-05 | 1.783227 | RPSAP3 | ribosomal protein SA pseudogene 3 | ENSG00000242952 |
| -0.85765 | 8.253267 | -5.56304 | 2.73E-06 | 3.59E-06 | 3.50329 | RNU6-222P | RNA, U6 small nuclear 222, pseudogene | ENSG00000199308 |
| -0.83937 | 6.615585 | -10.7125 | 1.05E-12 | 6.89E-12 | 18.39967 | LOC105375191 | uncharacterized LOC105375191 | NA |
| -0.81409 | 7.129513 | -5.10759 | 1.10E-05 | 1.29E-05 | 2.116471 | LOC107986516 | uncharacterized LOC107986516 | NA |
| -0.79496 | 7.032798 | -9.97204 | 7.26E-12 | 3.63E-11 | 16.43819 | GAPDHP21 | glyceraldehyde 3 phosphate dehydrogenase pseudogene 21 | NA |
| -0.78921 | 7.412172 | -5.39537 | 4.56E-06 | 5.72E-06 | 2.991275 | ZNF117 | zinc finger protein 117 | ENSG00000152926 |
| -0.78827 | 5.883506 | -11.2356 | 2.79E-13 | 2.42E-12 | 19.74281 | ZNF876P | zinc finger protein 876, pseudogene | ENSG00000198155 |
| -0.78238 | 6.42456 | -6.12297 | 4.90E-07 | 7.54E-07 | 5.21834 | MIR5002 | microRNA 5002 | ENSG00000266383 |
| -0.7807 | 8.79207 | -6.57334 | 1.24E-07 | 2.13E-07 | 6.595677 | CHRFAM7A | CHRNA7 (exons 5-10) and FAM7A (exons A-E) fusion | ENSG00000166664 |
| -0.77977 | 7.027902 | -7.39356 | 1.05E-08 | 2.17E-08 | 9.077156 | RPL23AP82 | ribosomal protein L23a pseudogene 82 | NA |
| -0.76657 | 11.2794 | -7.7001 | 4.26E-09 | 9.51E-09 | 9.990962 | RPL22P2 | ribosomal protein L22 pseudogene 2 | ENSG00000241081 |
| -0.7612 | 6.439574 | -8.21392 | 9.53E-10 | 2.61E-09 | 11.50185 | LOC107986997 | uncharacterized LOC107986997 | NA |
| -0.75639 | 7.863169 | -5.47097 | 3.62E-06 | 4.66E-06 | 3.22197 | RPS12P11 | ribosomal protein S12 pseudogene 11 | NA |
| -0.75421 | 7.225982 | -4.14769 | 0.000197 | 0.000208 | -0.72727 | RNY1P11 | RNY1 pseudogene 11 | ENSG00000200629 |
| -0.74931 | 6.473469 | -5.57468 | 2.63E-06 | 3.49E-06 | 3.538872 | LOC105372573 | uncharacterized LOC105372573 | ENSG00000286117 |
| -0.74888 | 7.589913 | -7.9091 | 2.31E-09 | 5.56E-09 | 10.60884 | POLH | DNA polymerase eta | ENSG00000170734 |
| -0.74253 | 5.67616 | -5.895 | 9.86E-07 | 1.39E-06 | 4.519727 | LOC105377021 | uncharacterized LOC105377021 | NA |
| -0.73655 | 8.595868 | -5.62294 | 2.27E-06 | 3.04E-06 | 3.686481 | NDUFAF2 | NADH:ubiquinone oxidoreductase complex assembly factor 2 | ENSG00000164182 |
| -0.73437 | 6.85576 | -5.2862 | 6.38E-06 | 7.73E-06 | 2.658716 | LOC100288241 | protein (peptidylprolyl cis/trans isomerase) NIMA-interacting, 4 (parvulin) pseudogene | ENSG00000259622 |
| -0.73407 | 7.830068 | -3.54839 | 0.001107 | 0.001121 | -2.3986 | SNORA35B | small nucleolar RNA, H/ACA box 35B | ENSG00000271907 |
| -0.72999 | 5.98608 | -6.13913 | 4.67E-07 | 7.21E-07 | 5.267849 | MIR325 | microRNA 325 | ENSG00000207995 |
| -0.70861 | 10.08649 | -4.87657 | 2.22E-05 | 2.49E-05 | 1.419606 | SNORD24 | small nucleolar RNA, C/D box 24 | ENSG00000206611 |
| -0.69906 | 6.039539 | -3.51084 | 0.001229 | 0.001238 | -2.49947 | LOC107985684 | uncharacterized LOC107985684 | NA |
| -0.69528 | 6.535622 | -9.09649 | 7.84E-11 | 2.99E-10 | 14.02762 | LOC101929698 | uncharacterized LOC101929698 | ENSG00000277301 |
| -0.69055 | 6.819598 | -6.66539 | 9.38E-08 | 1.64E-07 | 6.876262 | POLHP1 | DNA polymerase eta pseudogene 1 | NA |
| -0.6905 | 6.537586 | -11.7265 | 8.32E-14 | 8.32E-13 | 20.97116 | GATM | glycine amidinotransferase | ENSG00000171766 |
| -0.69005 | 7.316746 | -10.5053 | 1.79E-12 | 1.05E-11 | 17.85796 | ALOX12-AS1 | ALOX12 antisense RNA 1 | ENSG00000215067 |
| -0.68567 | 8.239329 | -4.98291 | 1.61E-05 | 1.84E-05 | 1.739662 | RPSAP54 | ribosomal protein SA pseudogene 54 | ENSG00000213621 |
| -0.68523 | 7.668351 | -4.84584 | 2.44E-05 | 2.70E-05 | 1.327353 | HMGN1P36 | high mobility group nucleosome binding domain 1 pseudogene 36 | NA |
| -0.68444 | 6.375105 | -12.2825 | 2.19E-14 | 3.14E-13 | 22.32599 | LINC00426 | long intergenic non-protein coding RNA 426 | ENSG00000238121 |
| -0.6804 | 6.135413 | -7.61874 | 5.41E-09 | 1.18E-08 | 9.749278 | LOC105372308 | uncharacterized LOC105372308 | NA |
| -0.67825 | 7.193606 | -5.15024 | 9.66E-06 | 1.14E-05 | 2.245717 | LOC107985352 | uncharacterized LOC107985352 | NA |
| -0.67824 | 5.43759 | -9.67139 | 1.63E-11 | 7.48E-11 | 15.62147 | LINC01806 | long intergenic non-protein coding RNA 1806 | ENSG00000227403 |
| -0.67469 | 6.156241 | -7.23363 | 1.70E-08 | 3.31E-08 | 8.597112 | LOC105376110 | uncharacterized LOC105376110 | NA |
| -0.67323 | 6.720128 | -11.7555 | 7.76E-14 | 7.95E-13 | 21.04287 | STMN4 | stathmin 4 | ENSG00000015592 |
| -0.67242 | 7.660759 | -10.5595 | 1.56E-12 | 9.43E-12 | 18.00038 | FBXL16 | F-box and leucine rich repeat protein 16 | ENSG00000127585 |
| -0.67164 | 7.349345 | -5.89229 | 9.94E-07 | 1.40E-06 | 4.511423 | HNRNPA1P40 | heterogeneous nuclear ribonucleoprotein A1 pseudogene 40 | NA |
| -0.67082 | 9.146717 | -5.5242 | 3.07E-06 | 3.99E-06 | 3.384574 | RPSAP53 | ribosomal protein SA pseudogene 53 | ENSG00000214263 |
| -0.67018 | 6.515008 | -6.42142 | 1.97E-07 | 3.27E-07 | 6.131786 | LOC100129052 | N-alpha-acetyltransferase 40, NatD catalytic subunit pseudogene | NA |
| -0.66862 | 7.194609 | -7.00882 | 3.33E-08 | 6.28E-08 | 7.918907 | MAP1LC3B2 | microtubule associated protein 1 light chain 3 beta 2 | ENSG00000258102 |
| -0.66657 | 6.955276 | -5.82756 | 1.21E-06 | 1.69E-06 | 4.313072 | RPL23AP19 | ribosomal protein L23a pseudogene 19 | NA |
| -0.66492 | 7.539842 | -8.75438 | 2.04E-10 | 6.64E-10 | 13.05958 | RN7SL381P | RNA, 7SL, cytoplasmic 381, pseudogene | ENSG00000263968 |
| -0.66406 | 6.336083 | -7.18051 | 1.99E-08 | 3.86E-08 | 8.43721 | LOC101929140 | uncharacterized LOC101929140 | ENSG00000278390 |
| -0.66089 | 7.879002 | -5.22784 | 7.62E-06 | 9.10E-06 | 2.481263 | SMARCE1P1 | SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily e, member 1 pseudogene 1 | ENSG00000225215 |
| -0.66007 | 6.269003 | -10.6816 | 1.14E-12 | 7.10E-12 | 18.31922 | GDPD1 | glycerophosphodiester phosphodiesterase domain containing 1 | ENSG00000153982 |
| -0.65615 | 6.432543 | -3.66085 | 0.000806 | 0.000821 | -2.09354 | TRAV8-4 | T cell receptor alpha variable 8-4 | ENSG00000211790 |
| -0.65494 | 7.63588 | -5.14284 | 9.88E-06 | 1.16E-05 | 2.223286 | PRDX3P2 | peroxiredoxin 3 pseudogene 2 | NA |
| -0.65143 | 6.201188 | -5.35197 | 5.21E-06 | 6.46E-06 | 2.858983 | RPL23AP96 | ribosomal protein L23a pseudogene 96 | NA |
| -0.65032 | 6.257534 | -4.24979 | 0.000146 | 0.000156 | -0.43273 | LOC112268224 | uncharacterized LOC112268224 | NA |
| -0.6479 | 8.217817 | -5.24317 | 7.27E-06 | 8.76E-06 | 2.527864 | ACTBP12 | ACTB pseudogene 12 | ENSG00000233125 |
| -0.64718 | 7.046964 | -11.8678 | 5.91E-14 | 6.39E-13 | 21.31905 | CHRNB2 | cholinergic receptor nicotinic beta 2 subunit | ENSG00000160716 |
| -0.64629 | 8.235 | -8.32109 | 7.00E-10 | 1.97E-09 | 11.81339 | MAPRE1P2 | MAPRE1 pseudogene 2 | NA |
| -0.64605 | 8.965907 | -3.84272 | 0.00048 | 0.000495 | -1.59126 | RNU1-83P | RNA, U1 small nuclear 83, pseudogene | ENSG00000200296 |
| -0.64464 | 6.379927 | -8.53157 | 3.84E-10 | 1.17E-09 | 12.4215 | LOC101928725 | uncharacterized LOC101928725 | ENSG00000245975 |
| -0.64349 | 6.971413 | -13.5271 | 1.26E-15 | 3.37E-14 | 25.22273 | PTGIS | prostaglandin I2 synthase | ENSG00000124212 |
| -0.64246 | 5.742275 | -6.38754 | 2.18E-07 | 3.60E-07 | 6.028217 | MIR5579 | microRNA 5579 | ENSG00000266570 |
| -0.64242 | 8.814023 | -5.40278 | 4.46E-06 | 5.61E-06 | 3.013875 | PHF6 | PHD finger protein 6 | ENSG00000156531 |
| -0.64191 | 6.285201 | -17.0991 | 8.73E-19 | 8.73E-17 | 32.6021 | AR | androgen receptor | ENSG00000169083 |
| -0.6414 | 6.319568 | -5.39209 | 4.61E-06 | 5.76E-06 | 2.981257 | OR51B4 | olfactory receptor family 51 subfamily B member 4 | ENSG00000183251 |
| -0.64127 | 8.429511 | -5.61383 | 2.34E-06 | 3.10E-06 | 3.65863 | RPL15P13 | ribosomal protein L15 pseudogene 13 | ENSG00000226428 |
| -0.63738 | 6.785022 | -8.48198 | 4.42E-10 | 1.33E-09 | 12.27868 | FAS | Fas cell surface death receptor | ENSG00000026103 |
| -0.63701 | 7.448183 | -3.9044 | 0.000402 | 0.000415 | -1.41861 | RPL3P4 | ribosomal protein L3 pseudogene 4 | ENSG00000232573 |
| -0.63525 | 5.749739 | -5.27677 | 6.56E-06 | 7.93E-06 | 2.630015 | RNU7-106P | RNA, U7 small nuclear 106 pseudogene | NA |
| -0.63473 | 5.854828 | -3.00198 | 0.00487 | 0.00487 | -3.80966 | LOC646828 | carbonic anhydrase 5A pseudogene | ENSG00000257639 |
| -0.63156 | 7.229855 | -8.44635 | 4.89E-10 | 1.44E-09 | 12.1759 | ZBTB26 | zinc finger and BTB domain containing 26 | ENSG00000171448 |
| -0.63051 | 6.981765 | -4.04733 | 0.000265 | 0.000278 | -1.01436 | MIR644A | microRNA 644a | ENSG00000207997 |
| -0.62959 | 8.903262 | -6.14366 | 4.60E-07 | 7.16E-07 | 5.281734 | H2AC17 | H2A clustered histone 17 | ENSG00000278677 |
| -0.62933 | 7.812317 | -8.80768 | 1.76E-10 | 5.96E-10 | 13.21133 | ZFHX3 | zinc finger homeobox 3 | ENSG00000140836 |
| -0.62866 | 6.82944 | -8.16466 | 1.10E-09 | 2.89E-09 | 11.35823 | EMILIN3 | elastin microfibril interfacer 3 | ENSG00000183798 |
| -0.62694 | 7.946243 | -5.16809 | 9.15E-06 | 1.09E-05 | 2.299855 | CKMT1A | creatine kinase, mitochondrial 1A | ENSG00000223572 |
| -0.6258 | 6.515722 | -9.66335 | 1.66E-11 | 7.52E-11 | 15.59949 | SIX4 | SIX homeobox 4 | ENSG00000100625 |
| -0.62568 | 5.993898 | -3.74718 | 0.000631 | 0.000647 | -1.85643 | LOC101927268 | uncharacterized LOC101927268 | NA |
| -0.62466 | 6.209874 | -18.937 | 3.24E-20 | 7.45E-18 | 35.93685 | ZNF385D | zinc finger protein 385D | ENSG00000151789 |
| -0.62378 | 6.301235 | -9.53691 | 2.34E-11 | 1.01E-10 | 15.25242 | MCPH1-AS1 | MCPH1 antisense RNA 1 | NA |
| -0.6235 | 7.428433 | -3.55297 | 0.001092 | 0.001109 | -2.38628 | PDE4DIPP1 | PDE4DIP pseudogene 1 | NA |
| -0.62324 | 5.977623 | -15.523 | 1.85E-17 | 1.24E-15 | 29.50456 | RNF217 | ring finger protein 217 | ENSG00000146373 |
| -0.62276 | 7.044252 | -8.89467 | 1.38E-10 | 4.79E-10 | 13.45829 | ZNF425 | zinc finger protein 425 | ENSG00000204947 |
| -0.62158 | 9.745986 | -10.7355 | 9.89E-13 | 6.71E-12 | 18.45954 | SMARCE1 | SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily e, member 1 | ENSG00000073584 |
| -0.62067 | 7.701588 | -4.02243 | 0.000285 | 0.000298 | -1.08516 | LOC107987172 | uncharacterized LOC107987172 | NA |
| -0.62056 | 8.101694 | -5.9015 | 9.66E-07 | 1.37E-06 | 4.539653 | LSM3P5 | LSM3 homolog, U6 small nuclear RNA and mRNA degradation associated pseudogene 5 | NA |
| -0.62027 | 7.122477 | -6.87997 | 4.90E-08 | 9.08E-08 | 7.528569 | MIR34AHG | MIR34A host gene | ENSG00000228526 |
| -0.61988 | 6.785982 | -4.57472 | 5.54E-05 | 6.02E-05 | 0.519191 | NUS1P1 | NUS1 pseudogene 1 | NA |
| -0.61955 | 9.481442 | -9.71847 | 1.43E-11 | 6.66E-11 | 15.75016 | CCNB1IP1 | cyclin B1 interacting protein 1 | ENSG00000100814 |
| -0.61828 | 6.812489 | -15.4418 | 2.18E-17 | 1.25E-15 | 29.33855 | ZSWIM5 | zinc finger SWIM-type containing 5 | ENSG00000162415 |
| -0.6182 | 6.867371 | -6.38554 | 2.20E-07 | 3.60E-07 | 6.022117 | PCBD2 | pterin-4 alpha-carbinolamine dehydratase 2 | ENSG00000132570 |
| -0.61515 | 7.201013 | -9.97964 | 7.12E-12 | 3.62E-11 | 16.45869 | PNMA8A | PNMA family member 8A | ENSG00000182013 |
| -0.61499 | 7.366663 | -7.00239 | 3.39E-08 | 6.37E-08 | 7.899436 | NOTCH2NLR | notch 2 N-terminal like R (pseudogene) | ENSG00000286106 |
| -0.61378 | 8.347919 | -6.33361 | 2.58E-07 | 4.10E-07 | 5.86329 | RPS12P22 | ribosomal protein S12 pseudogene 22 | NA |
| -0.61365 | 7.137659 | -10.7594 | 9.31E-13 | 6.42E-12 | 18.52163 | CRELD1 | cysteine rich with EGF like domains 1 | ENSG00000163703 |
| -0.61308 | 6.666494 | -5.70927 | 1.74E-06 | 2.37E-06 | 3.950712 | RPSAP8 | ribosomal protein SA pseudogene 8 | ENSG00000230592 |
| -0.61164 | 6.770901 | -6.16903 | 4.26E-07 | 6.69E-07 | 5.35944 | ZNF710-AS1 | ZNF710 antisense RNA 1 | ENSG00000259291 |
| -0.61132 | 8.650168 | -4.22146 | 0.000159 | 0.000168 | -0.5147 | AASDHPPT | aminoadipate-semialdehyde dehydrogenase-phosphopantetheinyl transferase | ENSG00000149313 |
| -0.611 | 6.974304 | -4.63594 | 4.61E-05 | 5.04E-05 | 0.700725 | RPL32P11 | ribosomal protein L32 pseudogene 11 | NA |
| -0.61063 | 10.05002 | -8.81161 | 1.74E-10 | 5.94E-10 | 13.22252 | EIF4A1P10 | eukaryotic translation initiation factor 4A1 pseudogene 10 | ENSG00000229132 |
| -0.61002 | 7.058132 | -9.97796 | 7.15E-12 | 3.62E-11 | 16.45417 | PAXIP1-DT | PAXIP1 divergent transcript | ENSG00000273344 |
| -0.60976 | 6.770068 | -5.61385 | 2.34E-06 | 3.10E-06 | 3.658689 | EMSLR | E2F1 mRNA stabilizing lncRNA | NA |
| -0.60949 | 6.38526 | -7.0971 | 2.55E-08 | 4.88E-08 | 8.185677 | ZNF816 | zinc finger protein 816 | ENSG00000180257 |
| -0.60893 | 6.095264 | -7.73897 | 3.80E-09 | 8.58E-09 | 10.10621 | LOC112268421 | uncharacterized LOC112268421 | NA |
| -0.60771 | 6.297562 | -8.95595 | 1.16E-10 | 4.18E-10 | 13.63167 | EFCAB10 | EF-hand calcium binding domain 10 | ENSG00000185055 |
| -0.60642 | 7.224863 | -8.02687 | 1.64E-09 | 4.13E-09 | 10.95504 | IKBIP | IKBKB interacting protein | ENSG00000166130 |
| -0.60596 | 7.035192 | -8.19221 | 1.01E-09 | 2.76E-09 | 11.43858 | ZBTB12 | zinc finger and BTB domain containing 12 | ENSG00000204366 |
| -0.60491 | 8.425577 | -5.75619 | 1.51E-06 | 2.09E-06 | 4.094402 | NCOA6 | nuclear receptor coactivator 6 | ENSG00000198646 |
| -0.60483 | 8.174697 | -4.78808 | 2.91E-05 | 3.20E-05 | 1.154296 | RPS10P2 | ribosomal protein S10 pseudogene 2 | ENSG00000213950 |
| -0.6048 | 5.963428 | -8.77757 | 1.91E-10 | 6.32E-10 | 13.12563 | MIMT1 | MER1 repeat containing imprinted transcript 1 | ENSG00000268654 |
| -0.60443 | 6.012632 | -8.65971 | 2.67E-10 | 8.58E-10 | 12.78918 | ASNSP1 | asparagine synthetase pseudogene 1 | ENSG00000248498 |
| -0.60264 | 7.161671 | -8.17915 | 1.05E-09 | 2.82E-09 | 11.40049 | LRRC75B | leucine rich repeat containing 75B | ENSG00000178026 |
| -0.60252 | 6.163812 | -5.2322 | 7.52E-06 | 9.04E-06 | 2.494496 | MIR5003 | microRNA 5003 | ENSG00000265160 |
| -0.60232 | 6.541556 | -5.52796 | 3.04E-06 | 3.96E-06 | 3.396044 | TERF1P4 | TERF1 pseudogene 4 | NA |
| -0.6017 | 7.606514 | -5.54137 | 2.92E-06 | 3.83E-06 | 3.437045 | LOC105372952 | uncharacterized LOC105372952 | NA |
| -0.60077 | 5.765043 | -8.62767 | 2.92E-10 | 9.20E-10 | 12.69743 | LOC101928595 | uncharacterized LOC101928595 | NA |
| -0.59614 | 7.407274 | -8.17748 | 1.06E-09 | 2.82E-09 | 11.39562 | ZFP30 | ZFP30 zinc finger protein | ENSG00000120784 |
| -0.59582 | 6.090331 | -11.9583 | 4.75E-14 | 5.76E-13 | 21.54065 | ACER2 | alkaline ceramidase 2 | ENSG00000177076 |
| -0.59574 | 5.799918 | -5.34725 | 5.29E-06 | 6.53E-06 | 2.844578 | LOC105373156 | uncharacterized LOC105373156 | NA |
| -0.59563 | 10.04498 | -6.02027 | 6.71E-07 | 1.00E-06 | 4.903634 | TOP2A | DNA topoisomerase II alpha | ENSG00000131747 |
| -0.59522 | 7.063196 | -3.80149 | 0.00054 | 0.000555 | -1.70605 | RNU6-40P | RNA, U6 small nuclear 40, pseudogene | ENSG00000206981 |
| -0.59332 | 7.784201 | -9.75645 | 1.29E-11 | 6.16E-11 | 15.85374 | GTF2IRD1 | GTF2I repeat domain containing 1 | ENSG00000006704 |
| -0.59239 | 6.214329 | -4.23953 | 0.000151 | 0.00016 | -0.46245 | DDX11L16 | DEAD/H-box helicase 11 like 16 (pseudogene) | ENSG00000223972 |
| -0.59184 | 7.218928 | -5.00616 | 1.50E-05 | 1.72E-05 | 1.809828 | RPL15P6 | ribosomal protein L15 pseudogene 6 | NA |
| -0.59145 | 9.728829 | -11.0281 | 4.70E-13 | 3.55E-12 | 19.2142 | CLNS1A | chloride nucleotide-sensitive channel 1A | ENSG00000074201 |
| -0.59142 | 6.240561 | -4.92037 | 1.95E-05 | 2.21E-05 | 1.55128 | RPL32P4 | ribosomal protein L32 pseudogene 4 | ENSG00000243761 |
| -0.59133 | 7.51029 | -7.86134 | 2.65E-09 | 6.28E-09 | 10.46803 | KBTBD6 | kelch repeat and BTB domain containing 6 | ENSG00000165572 |
| -0.59129 | 7.913977 | -5.97148 | 7.80E-07 | 1.13E-06 | 4.754111 | RETREG3 | reticulophagy regulator family member 3 | ENSG00000141699 |
| -0.5907 | 9.307701 | -8.36929 | 6.10E-10 | 1.75E-09 | 11.9531 | CNOT6 | CCR4-NOT transcription complex subunit 6 | ENSG00000113300 |
| -0.59064 | 6.654513 | -3.7443 | 0.000636 | 0.000651 | -1.86438 | LINC00342 | long intergenic non-protein coding RNA 342 | NA |
| -0.58998 | 5.948257 | -14.0463 | 4.04E-16 | 1.24E-14 | 26.37804 | SYDE2 | synapse defective Rho GTPase homolog 2 | ENSG00000097096 |
| -0.58984 | 11.07702 | -5.99742 | 7.20E-07 | 1.06E-06 | 4.833617 | HNRNPA1P35 | heterogeneous nuclear ribonucleoprotein A1 pseudogene 35 | NA |
| -0.5884 | 6.611887 | -13.4796 | 1.40E-15 | 3.51E-14 | 25.11554 | RTN1 | reticulon 1 | ENSG00000139970 |
| -0.58776 | 6.610741 | -6.13891 | 4.67E-07 | 7.21E-07 | 5.267177 | PAIP2B | poly(A) binding protein interacting protein 2B | ENSG00000124374 |
| -0.5875 | 8.157061 | -5.37183 | 4.91E-06 | 6.09E-06 | 2.919502 | ZNF724 | zinc finger protein 724 | ENSG00000196081 |
| -0.58742 | 8.351752 | -7.69236 | 4.35E-09 | 9.67E-09 | 9.967997 | JOSD1 | Josephin domain containing 1 | ENSG00000100221 |
| -0.58732 | 5.6831 | -6.80409 | 6.17E-08 | 1.12E-07 | 7.298193 | SHROOM3-AS1 | SHROOM3 antisense RNA 1 | NA |
| -0.5873 | 6.471865 | -7.53328 | 6.96E-09 | 1.48E-08 | 9.494753 | DIRAS2 | DIRAS family GTPase 2 | ENSG00000165023 |
| -0.58684 | 6.410307 | -17.4682 | 4.41E-19 | 5.88E-17 | 33.29455 | KCNN2 | potassium calcium-activated channel subfamily N member 2 | ENSG00000080709 |
| -0.58676 | 5.921065 | -5.56377 | 2.72E-06 | 3.59E-06 | 3.505514 | LOC107985172 | uncharacterized LOC107985172 | NA |
| -0.58652 | 6.824478 | -10.0014 | 6.72E-12 | 3.49E-11 | 16.51731 | KCNA6 | potassium voltage-gated channel subfamily A member 6 | ENSG00000151079 |
| -0.58614 | 6.942642 | -12.7361 | 7.58E-15 | 1.44E-13 | 23.40295 | DTX4 | deltex E3 ubiquitin ligase 4 | ENSG00000110042 |
| -0.58577 | 6.496004 | -4.86594 | 2.30E-05 | 2.56E-05 | 1.387661 | SNORD111 | small nucleolar RNA, C/D box 111 | ENSG00000221066 |
| -0.58572 | 5.431716 | -5.01536 | 1.46E-05 | 1.68E-05 | 1.837579 | NCOR1P4 | NCOR1 pseudogene 4 | NA |
| -0.58556 | 6.60197 | -14.8848 | 6.84E-17 | 3.04E-15 | 28.18147 | PIPOX | pipecolic acid and sarcosine oxidase | ENSG00000179761 |
| -0.58399 | 6.637246 | -6.33875 | 2.54E-07 | 4.06E-07 | 5.879008 | LINC01560 | long intergenic non-protein coding RNA 1560 | NA |
| -0.58359 | 6.289822 | -6.82184 | 5.84E-08 | 1.07E-07 | 7.352121 | LINC01357 | long intergenic non-protein coding RNA 1357 | NA |
| -0.58348 | 9.733546 | -4.22355 | 0.000158 | 0.000168 | -0.50867 | RPS15AP38 | ribosomal protein S15a pseudogene 38 | NA |
| -0.58311 | 8.330051 | -4.38411 | 9.80E-05 | 0.000105 | -0.04175 | LOC101929540 | uncharacterized LOC101929540 | NA |
| -0.58302 | 7.773255 | -7.87321 | 2.56E-09 | 6.14E-09 | 10.50304 | RBM38 | RNA binding motif protein 38 | ENSG00000132819 |
| -0.58251 | 6.306529 | -12.4972 | 1.32E-14 | 2.30E-13 | 22.83876 | CNTNAP2 | contactin associated protein 2 | ENSG00000174469 |
| -0.58226 | 6.728041 | -5.99071 | 7.35E-07 | 1.07E-06 | 4.813052 | LOC400553 | uncharacterized LOC400553 | ENSG00000205037 |
| -0.58204 | 6.78938 | -3.97109 | 0.000331 | 0.000343 | -1.23069 | C8orf44-SGK3 | C8orf44-SGK3 readthrough | ENSG00000288602 |
| -0.58162 | 7.999152 | -8.56198 | 3.52E-10 | 1.08E-09 | 12.50892 | UBE2E1 | ubiquitin conjugating enzyme E2 E1 | ENSG00000170142 |
| -0.58125 | 7.64661 | -8.56339 | 3.50E-10 | 1.08E-09 | 12.51299 | ING4 | inhibitor of growth family member 4 | ENSG00000111653 |