Expression levels (in unit of TPM) of 415 significantly down-regulated genes across all samples

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| target\_id | test\_stat | pval | qval | ext\_gene | Description | ADSCD10P3 | ADSCD10P3L | ADSCD14P3 | ADSCD14P3L | ADSCD21P3 | ADSCD21P3L | ADSCD22P3 | ADSCD22P3L | ADSCD3P3 | ADSCD3P3L | ADSCD4P3 | ADSCD4P3L | ADSCD5P3 | ADSCD5P3L | ADSCD6P3 | ADSCD6P3L | ADSCD7P3 | ADSCD7P3L | ADSCD8P3 | ADSCD8P3L | Diseased | Normal | Log2FC | AbsFoldChange |
| ENSG00000146070 | 51.28404663 | 7.99E–13 | 1.47E–08 | *PLA2G7* | Phospholipase A2, group VII (platelet-activating factor acetylhydrolase, plasma) | 21.08918953 | 6.407649909 | 4.391132122 | 1.29582721 | 4.38133715 | 1.185324913 | 22.52211188 | 6.075880328 | 0.862089552 | 0.396358647 | 9.879951388 | 5.317330393 | 21.14067183 | 2.884711679 | 4.97599205 | 1.514247932 | 10.68791255 | 2.611551699 | 12.91841582 | 3.644047397 | 3.133293011 | 11.28488039 | -1.848639532 | 3.60160392 |
| ENSG00000164093 | 47.32311225 | 6.02E–12 | 2.76E–08 | *PITX2* | Paired-like homeodomain 2 | 41.39298035 | 3.136053325 | 40.79709813 | 1.773175806 | 12.97399365 | 0.633218011 | 32.09770094 | 3.342449039 | 2.044865605 | 0.660138709 | 27.23317956 | 3.288574571 | 13.83891092 | 3.874017012 | 26.33537538 | 1.515266627 | 34.84592045 | 1.641229523 | 29.94369008 | 6.038695564 | 2.590281819 | 26.15037151 | -3.335650468 | 10.09557003 |
| ENSG00000106006 | 40.93553278 | 1.57E–10 | 3.21E–07 | *HOXA6* | Homeobox A6 | 5.950979549 | 1.346752695 | 6.657463025 | 2.248069631 | 8.525580405 | 2.606571101 | 6.217298024 | 3.032336138 | 1.649004325 | 0.961706653 | 7.296333714 | 1.382227014 | 8.273657873 | 1.435187982 | 7.731775274 | 3.446894032 | 9.783912397 | 1.840453414 | 4.247826782 | 1.50468639 | 1.980488505 | 6.633383137 | -1.743888529 | 3.349367149 |
| ENSG00000136244 | 40.73035701 | 1.75E–10 | 3.21E–07 | *IL6* | Interleukin 6 (interferon, beta 2) | 72.71452168 | 24.12724326 | 85.21241474 | 23.41978578 | 94.59938882 | 24.39178396 | 87.57640034 | 27.32299282 | 76.52889597 | 66.66499607 | 88.3642112 | 39.15897245 | 55.42687222 | 23.5108803 | 54.28851788 | 18.90643976 | 33.69540456 | 8.991839484 | 82.95357678 | 41.29586248 | 29.77907964 | 73.13602042 | -1.296282961 | 2.455953015 |
| ENSG00000162511 | 39.9090058 | 2.66E–10 | 4.07E–07 | *LAPTM5* | Lysosomal protein transmembrane 5 | 75.15638485 | 22.75156567 | 21.47815475 | 3.537508785 | 24.88616396 | 5.543101984 | 57.49381957 | 17.25521737 | 3.088070743 | 2.079921135 | 39.2392041 | 22.37933426 | 53.51068512 | 11.3555748 | 11.0259014 | 2.26699128 | 31.9025579 | 8.21973268 | 41.81631917 | 18.56821172 | 11.39571597 | 35.95972616 | -1.657890465 | 3.155547774 |
| ENSG00000105609 | 39.60538797 | 3.11E–10 | 4.39E–07 | *LILRB5* | Leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 5 | 4.659659423 | 1.518452457 | 2.461593535 | 0.180959892 | 1.783613333 | 0.387789892 | 2.609382662 | 0.659659022 | 0.051324592 | 0 | 2.054227863 | 1.151094222 | 4.504855073 | 1.394782802 | 1.042111421 | 0.153389053 | 2.017434579 | 0.560134713 | 0.973973022 | 0.543731599 | 0.654999365 | 2.21581755 | -1.758273682 | 3.382930836 |
| ENSG00000166927 | 39.36695423 | 3.51E–10 | 4.61E–07 | *MS4A7* | Membrane-spanning 4-domains, subfamily A, member 7 | 4.209861825 | 1.317592594 | 3.807290913 | 0.656018446 | 4.057511272 | 0.508868806 | 8.473484897 | 1.825484726 | 0.394753626 | 0 | 6.607151596 | 2.906173765 | 10.10191044 | 3.561105104 | 3.264221619 | 0.304832832 | 6.025236225 | 1.610101679 | 7.760912134 | 2.754732435 | 1.544491039 | 5.470233455 | -1.824470904 | 3.541770925 |
| ENSG00000196126 | 38.60126189 | 5.20E–10 | 5.97E–07 | *HLA-DRB1* | Major histocompatibility complex, class II, DR beta 1 | 7.535101061 | 2.433708825 | 1.73342721 | 0.101725552 | 7.604886504 | 1.739777181 | 5.143311438 | 1.657907239 | 0.463940558 | 0.053195946 | 3.477191243 | 2.127499336 | 4.16957078 | 0.934076542 | 9.330715811 | 1.755587907 | 1.890235091 | 0.304324191 | 3.144895947 | 1.552579711 | 1.266038243 | 4.449327564 | -1.813266331 | 3.514370589 |
| ENSG00000174600 | 38.18638779 | 6.43E–10 | 6.44E–07 | *CMKLR1* | Chemokine-like receptor 1 | 1.971687397 | 0.347418516 | 5.530166337 | 2.810059985 | 1.16596173 | 0.329942843 | 3.701620913 | 0.904695825 | 2.85412221 | 1.539686119 | 1.315702547 | 0.80981473 | 2.234884364 | 0.531816112 | 2.14331731 | 0.615848815 | 1.054808846 | 0.510323056 | 2.593611383 | 0.53054709 | 0.893015309 | 2.456588304 | -1.459899286 | 2.75089159 |
| ENSG00000171617 | 38.11647997 | 6.66E–10 | 6.44E–07 | *ENC1* | Ectodermal-neural cortex 1 (with BTB domain) | 39.5547489 | 11.27772825 | 50.69568384 | 7.451810041 | 65.93932068 | 6.965738632 | 103.9060112 | 12.63811737 | 27.21633114 | 17.15168596 | 142.2964658 | 22.2486032 | 36.96258809 | 14.42192389 | 71.32721398 | 7.804163516 | 71.70348607 | 10.40535714 | 36.3610035 | 18.47821358 | 12.88433416 | 64.59628532 | -2.325833221 | 5.013552468 |
| ENSG00000105509 | 37.96112204 | 7.22E–10 | 6.63E–07 | *HAS1* | Hyaluronan synthase 1 | 3.073109937 | 2.917040972 | 4.541616849 | 1.055449025 | 3.473110122 | 0.791851584 | 9.945471088 | 1.170693944 | 1.792368868 | 0.7335775 | 5.882447032 | 1.426367688 | 7.059137411 | 1.925836692 | 18.00431096 | 2.908290027 | 18.78623257 | 2.264962562 | 7.442266597 | 1.880047514 | 1.707411751 | 8.000007144 | -2.228190275 | 4.685458642 |
| ENSG00000179163 | 37.68821203 | 8.30E–10 | 7.26E–07 | *FUCA1* | Fucosidase, alpha-L- 1, tissue | 186.6400478 | 69.80346668 | 43.4128597 | 21.37637039 | 65.3273721 | 26.79210902 | 220.632984 | 62.87619215 | 17.4725019 | 15.92062004 | 103.0528182 | 67.77609784 | 143.982274 | 55.7705063 | 72.34885579 | 22.87294775 | 66.73601936 | 21.38958076 | 93.91948664 | 51.00647421 | 41.55843652 | 101.352522 | -1.286168704 | 2.438795355 |
| ENSG00000102468 | 37.25310835 | 1.04E–09 | 7.96E–07 | *HTR2A* | 5-hydroxytryptamine (serotonin) receptor 2A, G protein-coupled | 1.548033415 | 0.45574144 | 1.420447278 | 0.498174822 | 2.71738105 | 0.96238893 | 3.768786447 | 0.946209453 | 1.066102894 | 1.005236602 | 1.759544564 | 0.774402044 | 2.973748492 | 0.352756804 | 1.260247334 | 0.511227416 | 1.759419246 | 0.569889874 | 4.211255253 | 1.362228087 | 0.743825547 | 2.248496597 | -1.595924496 | 3.022881649 |
| ENSG00000119938 | 36.44801132 | 1.57E–09 | 9.11E–07 | *PPP1R3C* | Protein phosphatase 1, regulatory subunit 3C | 53.21916337 | 35.89893836 | 98.37496614 | 40.45222791 | 56.11800502 | 26.35630899 | 87.64751236 | 36.79111286 | 41.1439543 | 39.10364211 | 81.32693142 | 47.35613869 | 63.41124794 | 37.91644856 | 109.4386998 | 49.07692667 | 141.8157424 | 42.62150961 | 81.49550731 | 42.3901046 | 39.79633584 | 81.399173 | -1.032378533 | 2.04539366 |
| ENSG00000129538 | 36.41464042 | 1.60E–09 | 9.11E–07 | *RNASE1* | Ribonuclease, rnase A family, 1 (pancreatic) | 80.79528506 | 16.67642199 | 37.76247839 | 4.694257306 | 47.82029585 | 14.50166059 | 53.50137249 | 9.100500879 | 2.112457903 | 0.938907528 | 8.941608917 | 7.677104558 | 36.59997424 | 12.28302132 | 10.5246505 | 2.841533726 | 36.73391601 | 6.297284097 | 42.19879131 | 10.82180359 | 8.583249557 | 35.69908307 | -2.056291169 | 4.159157068 |
| ENSG00000064042 | 36.30712113 | 1.69E–09 | 9.11E–07 | *LIMCH1* | LIM and calponin homology domains 1 | 47.97973958 | 19.91550913 | 31.96952765 | 13.15314111 | 16.2148888 | 5.472188925 | 30.58948441 | 9.74464713 | 14.54283763 | 10.68409047 | 33.80510862 | 15.43555421 | 9.712796152 | 9.731193836 | 31.93008783 | 11.59530765 | 30.13368955 | 14.0915636 | 27.22951325 | 11.21027904 | 12.10334751 | 27.41076735 | -1.179336597 | 2.264726128 |
| ENSG00000010327 | 36.30571569 | 1.69E–09 | 9.11E–07 | *STAB1* | Stabilin 1 | 8.909961128 | 2.996311857 | 3.820022927 | 1.687050681 | 5.598737021 | 0.946076666 | 7.641314935 | 1.214609397 | 0.627753313 | 0.197621409 | 5.470149691 | 3.712362825 | 5.598308367 | 3.005803497 | 2.464909357 | 0.584776272 | 4.292198876 | 0.99101023 | 4.276192158 | 2.401476837 | 1.773709967 | 4.869954777 | -1.457138253 | 2.745631962 |
| ENSG00000221890 | 35.73033493 | 2.27E–09 | 1.15E–06 | *NPTXR* | Neuronal pentraxin receptor | 6.794590455 | 2.51909224 | 2.651805309 | 1.132672446 | 5.956003371 | 1.752815176 | 6.129557299 | 2.028628856 | 3.214875372 | 3.327630829 | 3.841663402 | 1.817758465 | 7.496713573 | 1.801594872 | 3.808785675 | 1.841257562 | 7.925743218 | 1.662413816 | 6.987190193 | 1.949916516 | 1.983378078 | 5.480692787 | -1.466398554 | 2.763312173 |
| ENSG00000124225 | 35.64765933 | 2.36E–09 | 1.15E–06 | *PMEPA1* | Prostate transmembrane protein, androgen induced 1 | 9.267099792 | 8.702855902 | 24.08160238 | 9.653288456 | 13.68674501 | 4.51252489 | 16.41157412 | 3.75985031 | 19.10862886 | 10.50459219 | 24.03631717 | 10.20559217 | 21.9007859 | 3.3727288 | 20.16343801 | 5.43170267 | 26.1789648 | 6.18649579 | 17.63263852 | 5.65723015 | 6.798686132 | 19.24677946 | -1.501289188 | 2.830955729 |
| ENSG00000170458 | 35.63654879 | 2.38E–09 | 1.15E–06 | *CD14* | CD14 molecule | 15.18845017 | 7.098393573 | 13.44763377 | 2.631151193 | 13.02992957 | 4.588603015 | 20.29826109 | 3.568711726 | 2.709811465 | 1.025116995 | 14.10648151 | 9.809823887 | 15.12101966 | 5.714715136 | 5.632341877 | 3.223397239 | 8.567412205 | 3.116999651 | 13.94812604 | 7.104051761 | 4.788096418 | 12.20494673 | -1.34994189 | 2.549018581 |
| ENSG00000115468 | 35.47875617 | 2.58E–09 | 1.15E–06 | *EFHD1* | EF-hand domain family, member D1 | 13.67699945 | 2.559961927 | 8.75026044 | 2.413215953 | 7.831743826 | 1.944014657 | 10.26632641 | 0.95913666 | 1.610260265 | 0.618103404 | 8.245140789 | 3.264269073 | 1.861181092 | 0.968029658 | 4.945247975 | 2.079246613 | 2.587991629 | 1.473348089 | 4.825664228 | 1.1465898 | 1.742591583 | 6.460081611 | -1.890317911 | 3.707169065 |
| ENSG00000122862 | 35.42775644 | 2.65E–09 | 1.16E–06 | *SRGN* | Serglycin | 49.4454795 | 18.06070429 | 55.57344959 | 27.82482276 | 37.21261226 | 11.11306159 | 35.22331629 | 9.186011087 | 23.61651916 | 14.8263234 | 37.07381584 | 19.20444271 | 22.47248029 | 13.51638817 | 23.34128396 | 8.298260458 | 30.49326893 | 7.974738763 | 20.24660916 | 16.98152425 | 14.69862775 | 33.4698835 | -1.187182057 | 2.277075389 |
| ENSG00000197629 | 35.34148606 | 2.77E–09 | 1.18E–06 | *MPEG1* | Macrophage expressed 1 | 5.99230905 | 1.083815964 | 2.162257438 | 0.257224765 | 1.396812062 | 0.433687817 | 4.995562806 | 0.604353559 | 0.293736305 | 0.16108086 | 2.104833338 | 1.468675706 | 3.487169694 | 1.226302379 | 1.498376332 | 0.407250423 | 2.250738419 | 0.300420647 | 2.310139176 | 0.870621352 | 0.681343347 | 2.649193462 | -1.959099303 | 3.888191574 |
| ENSG00000203747 | 35.16113227 | 3.04E–09 | 1.21E–06 | *FCGR3A* | Fc fragment of igg, low affinity iiia, receptor (CD16a) | 9.865841283 | 2.718326968 | 2.561661852 | 0.156380417 | 3.617132609 | 0.59849697 | 10.58660878 | 1.390408116 | 0.424947878 | 0.277033464 | 7.515166168 | 3.746500002 | 10.05050113 | 3.066606254 | 2.503617911 | 0.531005585 | 5.467147768 | 2.132697648 | 12.11307236 | 2.226941913 | 1.684439734 | 6.470569774 | -1.941623944 | 3.841378024 |
| ENSG00000173369 | 35.15842629 | 3.04E–09 | 1.21E–06 | *C1QB* | Complement component 1, q subcomponent, B chain | 55.05990025 | 11.53594653 | 18.67393521 | 2.013251698 | 15.29460752 | 2.639491683 | 44.27732427 | 6.501516316 | 1.049444726 | 0.538858609 | 15.29844532 | 13.22854765 | 43.60447022 | 9.771405948 | 10.9647606 | 2.729756305 | 19.11724549 | 3.696264581 | 24.01801969 | 8.941293825 | 6.159633315 | 24.73581533 | -2.005685079 | 4.015793484 |
| ENSG00000159263 | 34.96270765 | 3.36E–09 | 1.27E–06 | *SIM2* | Single-minded family bhlh transcription factor 2 | 1.321984586 | 0.232212499 | 1.041402349 | 0.238067882 | 0.968411549 | 0.130084876 | 1.627680733 | 0.360408454 | 0.356623971 | 0.45259064 | 1.533265197 | 0.144293531 | 0.766761588 | 0.201140784 | 1.304931797 | 0.160538626 | 0.677217069 | 0.18423638 | 0.967711907 | 0.209657224 | 0.23132309 | 1.056599075 | -2.19144687 | 4.567633419 |
| ENSG00000170571 | 34.93907334 | 3.40E–09 | 1.27E–06 | *EMB* | Embigin | 3.651276557 | 1.112579896 | 3.870516614 | 3.280820495 | 6.193918668 | 3.027158054 | 12.49320116 | 4.324441241 | 1.781249747 | 0.644515874 | 7.514707579 | 1.081139839 | 1.579716771 | 0.550218256 | 1.712967247 | 0.484422403 | 3.640000317 | 0.472585577 | 1.809381743 | 0.621734305 | 1.559961594 | 4.42469364 | -1.504067058 | 2.836411907 |
| ENSG00000170396 | 34.88371718 | 3.50E–09 | 1.29E–06 | *ZNF804A* | Zinc finger protein 804A | 0.946427555 | 0.168726596 | 0.238905545 | 0.078056736 | 0.916311554 | 0.039080529 | 0.762979197 | 0.063854364 | 0.076001111 | 0 | 0.208935104 | 0.157319117 | 2.005358438 | 0.126937075 | 0.535862594 | 0.036655693 | 0.723043413 | 0.025197485 | 0.660551408 | 0.19455023 | 0.089037783 | 0.707437592 | -2.990113314 | 7.945363996 |
| ENSG00000106004 | 34.83216508 | 3.59E–09 | 1.29E–06 | *HOXA5* | Homeobox A5 | 30.73167433 | 4.307835108 | 32.51829963 | 8.466821805 | 16.74366454 | 8.142076728 | 14.22379818 | 6.693480246 | 2.906625178 | 1.804518088 | 16.64248303 | 3.791436415 | 32.06485748 | 5.518999692 | 21.07895973 | 6.426328977 | 34.93638692 | 2.504168258 | 27.88667571 | 3.590100824 | 5.124576614 | 22.97334247 | -2.164456054 | 4.482973756 |
| ENSG00000147883 | 34.69260457 | 3.86E–09 | 1.34E–06 | *CDKN2B* | Cyclin-dependent kinase inhibitor 2B (p15, inhibits CDK4) | 21.21781841 | 7.768615871 | 97.60741064 | 28.65316286 | 34.40071129 | 17.30563284 | 46.75865228 | 18.83317092 | 29.35303567 | 25.26802116 | 48.75764538 | 16.93458621 | 24.29942858 | 14.04497777 | 40.03525077 | 8.830792549 | 30.22503417 | 12.05909987 | 24.32190118 | 10.08279016 | 15.97808502 | 39.69768884 | -1.312960506 | 2.484508549 |
| ENSG00000159189 | 34.13694516 | 5.14E–09 | 1.60E–06 | *C1QC* | Complement component 1, q subcomponent, C chain | 46.62701958 | 7.725327682 | 16.63522944 | 1.079348595 | 16.85239124 | 2.851810224 | 48.06149717 | 6.256520051 | 1.016689181 | 0.657476518 | 13.02681359 | 8.837091442 | 41.51234246 | 7.864290967 | 8.239715957 | 1.586428861 | 19.82076157 | 4.027080108 | 23.59729215 | 7.518067379 | 4.840344183 | 23.53897523 | -2.281869972 | 4.863078811 |
| ENSG00000171992 | 33.91365865 | 5.76E–09 | 1.65E–06 | *SYNPO* | Synaptopodin | 7.058669693 | 2.721815438 | 2.39737712 | 0.83011136 | 2.317241015 | 1.286384156 | 2.67347409 | 1.263300602 | 3.252646879 | 2.925187602 | 5.461323178 | 4.09657148 | 6.379413424 | 2.364270998 | 5.555065997 | 1.528499818 | 7.85601459 | 3.375759112 | 8.229843306 | 3.961872234 | 2.43537728 | 5.118106929 | -1.071465002 | 2.101566345 |
| ENSG00000154188 | 33.74244672 | 6.29E–09 | 1.72E–06 | *ANGPT1* | Angiopoietin 1 | 5.068424605 | 3.220291373 | 2.488005888 | 1.354457718 | 7.183322155 | 2.888600257 | 5.894189507 | 1.352693315 | 3.49593364 | 3.07427552 | 6.249700698 | 2.645274865 | 6.37761865 | 3.975659821 | 4.694771375 | 2.426328879 | 6.279157823 | 2.799116581 | 8.779158323 | 3.993150451 | 2.772984878 | 5.651028266 | -1.027073657 | 2.037886435 |
| ENSG00000169116 | 33.69096858 | 6.46E–09 | 1.74E–06 | *PARM1* | Prostate androgen-regulated mucin-like protein 1 | 11.75713522 | 3.895715177 | 2.553467067 | 0.24721593 | 3.965642037 | 0.628808965 | 5.183335928 | 0.431808331 | 0.574669685 | 0.74204665 | 4.513341517 | 1.51340521 | 6.206200158 | 0.699345439 | 3.93242838 | 0.53566561 | 6.457166287 | 0.685177401 | 1.825168586 | 0.413054492 | 0.97922432 | 4.696855487 | -2.26198391 | 4.796506162 |
| ENSG00000135094 | 33.4950374 | 7.14E–09 | 1.90E–06 | *SDS* | Serine dehydratase | 6.736224852 | 2.880484435 | 2.097399939 | 0.214885507 | 2.427739503 | 1.362025807 | 5.064747738 | 1.649796942 | 1.001977637 | 0.203671433 | 4.828211809 | 2.44846315 | 13.86422308 | 1.690578331 | 3.670788373 | 0.800497046 | 3.67354975 | 1.042287134 | 7.038382939 | 2.921191094 | 1.521388088 | 5.040324562 | -1.728128422 | 3.312977538 |
| ENSG00000177575 | 33.24479951 | 8.13E–09 | 2.10E–06 | *CD163* | CD163 molecule | 27.68541401 | 3.473368866 | 9.031786527 | 1.134811297 | 11.74672016 | 1.591007086 | 17.78018426 | 2.285233053 | 1.544341875 | 0.727120917 | 7.387860107 | 7.672673891 | 17.5344407 | 3.28082796 | 5.833325127 | 0.817928764 | 12.60087489 | 2.81081797 | 10.70233199 | 3.574799891 | 2.736858969 | 12.18472796 | -2.154481042 | 4.452084707 |
| ENSG00000105996 | 33.06788724 | 8.90E–09 | 2.24E–06 | *HOXA2* | Homeobox A2 | 1.239974846 | 0.229327839 | 1.149820245 | 0.114506523 | 0.452195885 | 0.349499927 | 0.794031942 | 0.141502336 | 0.209376027 | 0.121232691 | 1.182397741 | 0.313698393 | 0.842764793 | 0.056297961 | 1.73213273 | 0.218569941 | 0.985041594 | 0.056207002 | 2.041477565 | 0.086308092 | 0.168715071 | 1.062921337 | -2.655374078 | 6.30009716 |
| ENSG00000198502 | 32.97172306 | 9.35E–09 | 2.31E–06 | *HLA-DRB5* | Major histocompatibility complex, class II, DR beta 5 | 4.632369621 | 1.372772322 | 0.105481679 | 0.049965503 | 4.521158419 | 0.931003438 | 5.005316403 | 2.120784487 | 0.112586532 | 0 | 5.087412786 | 1.342085313 | 4.194473728 | 0.917553241 | 4.660823024 | 0.490442023 | 0.663676838 | 0 | 1.298305517 | 0.375478349 | 0.760008468 | 3.028160455 | -1.994354255 | 3.984377259 |
| ENSG00000019582 | 32.87966725 | 9.80E–09 | 2.37E–06 | *CD74* | CD74 molecule, major histocompatibility complex, class II invariant chain | 116.0892436 | 21.11834846 | 36.06855674 | 6.572201617 | 40.86060315 | 5.163476231 | 64.13882853 | 12.01125902 | 2.934822397 | 2.590808583 | 37.82171994 | 19.95430872 | 85.89105613 | 27.83741199 | 36.30726065 | 7.235402953 | 38.25113862 | 9.199378934 | 72.52169234 | 32.50941148 | 14.4192008 | 53.0884922 | -1.880407964 | 3.681791588 |
| ENSG00000169403 | 32.738561 | 1.05E–08 | 2.45E–06 | *PTAFR* | Platelet-activating factor receptor | 1.390248413 | 0.353944324 | 0.583211944 | 0.156070681 | 0.560624332 | 0.129679225 | 1.760690585 | 0.367805787 | 0.171848174 | 0.081433536 | 0.766769363 | 0.366356987 | 1.605123749 | 0.541763466 | 0.540191929 | 0.137114541 | 0.572678598 | 0.145083153 | 0.663658048 | 0.533613792 | 0.281286549 | 0.861504514 | -1.614817788 | 3.062729149 |
| ENSG00000187837 | 32.69477506 | 1.08E–08 | 2.45E–06 | *HIST1H1C* | Histone cluster 1, h1c | 91.72564551 | 39.63051099 | 43.32041062 | 23.37942613 | 67.98073279 | 18.01270765 | 59.32003976 | 18.79998309 | 67.79671268 | 39.372337 | 92.45971997 | 58.03285738 | 281.3866769 | 51.95361524 | 90.13564709 | 52.09410302 | 84.00803351 | 31.62636582 | 129.0807432 | 78.53179762 | 41.14337039 | 100.7214362 | -1.291638873 | 2.448059924 |
| ENSG00000182168 | 32.33086769 | 1.30E–08 | 2.88E–06 | *UNC5C* | Unc-5 homolog C (C. Elegans) | 0.63557092 | 0.516112924 | 0.810606237 | 0.223514797 | 0.875355057 | 0.219529167 | 0.408889641 | 0.095956551 | 0.188080144 | 0.110364061 | 1.217700142 | 0.220028736 | 1.070553881 | 0.078755626 | 1.143437762 | 0.255827551 | 1.073128992 | 0.072415844 | 0.819484858 | 0.200145089 | 0.199265035 | 0.824280763 | -2.048447246 | 4.136605123 |
| ENSG00000158869 | 32.19510011 | 1.39E–08 | 3.05E–06 | *FCER1G* | Fc fragment of ige, high affinity I, receptor for; gamma polypeptide | 60.22680497 | 21.87609036 | 27.21251917 | 5.961080209 | 24.6528891 | 6.682974456 | 32.95941118 | 8.925702651 | 5.799903347 | 4.739617033 | 30.60380994 | 16.69398479 | 52.01558655 | 11.76146679 | 19.91944198 | 4.872365883 | 30.59430949 | 12.8749628 | 43.51756187 | 16.08076936 | 11.04690143 | 32.75022376 | -1.567863001 | 2.964652482 |
| ENSG00000230479 | 31.95009996 | 1.58E–08 | 3.38E–06 | *AP000695.6* | Antisense | 2.818094448 | 1.808212978 | 6.12555619 | 3.555342244 | 4.377919711 | 1.302721937 | 6.435664673 | 3.921454496 | 5.24287886 | 0.985325289 | 2.2346716 | 0.463693411 | 3.331013547 | 0.597775421 | 3.647018316 | 0.602456428 | 3.02230609 | 1.043477742 | 4.516719862 | 2.32627653 | 1.660673648 | 4.17518433 | -1.330071307 | 2.514151011 |
| ENSG00000253552 | 31.73344948 | 1.77E–08 | 3.65E–06 | *HOXA-AS2* | HOXA cluster antisense RNA 2 | 8.307178244 | 0.41748858 | 21.05524466 | 4.062009514 | 11.25761453 | 3.499593462 | 6.376881459 | 1.447254472 | 3.493236609 | 0.855805273 | 5.137528391 | 1.679808476 | 9.425422633 | 1.937181982 | 10.89704127 | 2.45660532 | 10.26992353 | 1.312919683 | 16.87501878 | 0.313581913 | 1.798224868 | 10.30950901 | -2.51933028 | 5.733158959 |
| ENSG00000116701 | 31.71341213 | 1.79E–08 | 3.65E–06 | *NCF2* | Neutrophil cytosolic factor 2 | 8.083195429 | 3.150959817 | 3.409506749 | 1.439175128 | 2.633062897 | 1.43832169 | 6.052727341 | 2.203738957 | 1.449790125 | 0.485091018 | 2.946296646 | 3.283750629 | 7.424051554 | 1.50003222 | 2.353939874 | 0.740803282 | 3.132285447 | 1.129546186 | 3.113669777 | 1.693594344 | 1.706501327 | 4.059852584 | -1.250385807 | 2.379050352 |
| ENSG00000128052 | 31.48808746 | 2.01E–08 | 3.92E–06 | *KDR* | Kinase insert domain receptor (a type III receptor tyrosine kinase) | 0.740142659 | 0.16794196 | 0.523910445 | 0.046978417 | 0.403116263 | 0.066594385 | 0.433371752 | 0.138751196 | 0.17826415 | 0.163448754 | 0.556354889 | 0.288377393 | 0.573000097 | 0.06486241 | 1.725279547 | 0.13393748 | 0.5673217 | 0.110446068 | 0.363679896 | 0.063278009 | 0.124461607 | 0.60644414 | -2.284673982 | 4.872539841 |
| ENSG00000122641 | 31.41444267 | 2.08E–08 | 4.03E–06 | *INHBA* | Inhibin, beta A | 153.7976252 | 43.38584331 | 73.03311224 | 24.08846369 | 85.82172023 | 17.62595187 | 80.00996628 | 17.41414659 | 55.37739363 | 38.82198288 | 194.2106001 | 51.9833315 | 106.0812544 | 55.25107644 | 143.2246493 | 48.13905011 | 184.861991 | 25.71288391 | 88.92261694 | 78.21124164 | 40.0633972 | 116.5340929 | -1.540395422 | 2.908742171 |
| ENSG00000136531 | 31.15806575 | 2.38E–08 | 4.41E–06 | *SCN2A* | Sodium channel, voltage-gated, type II, alpha subunit | 1.68771802 | 0.735086407 | 0.951963746 | 0.469776595 | 2.689465826 | 1.20578273 | 3.022769964 | 1.77197214 | 1.594619509 | 1.53208688 | 1.473040325 | 1.067387373 | 6.237839422 | 1.266978086 | 2.818971449 | 1.282596446 | 4.303230118 | 1.018630893 | 2.822006521 | 0.795529694 | 1.114582724 | 2.76016249 | -1.308249503 | 2.476408821 |
| ENSG00000244682 | 31.13360439 | 2.41E–08 | 4.41E–06 | *FCGR2C* | Fc fragment of igg, low affinity iic, receptor for (CD32) (gene/pseudogene) | 7.948146062 | 2.214445459 | 4.234221803 | 0.123159599 | 8.13945707 | 2.117841507 | 7.563019682 | 3.531419887 | 0.979281629 | 0 | 8.624470839 | 6.290593786 | 8.418381069 | 0.703554545 | 1.567979672 | 0.354701797 | 3.780689951 | 0.850804514 | 4.653777748 | 1.535248956 | 1.772177005 | 5.590942553 | -1.657568814 | 3.154844317 |
| ENSG00000167680 | 31.11181717 | 2.44E–08 | 4.41E–06 | *SEMA6B* | Sema domain, transmembrane domain (TM), and cytoplasmic domain, (semaphorin) 6B | 3.624566517 | 0.925730629 | 1.372746941 | 0.363102162 | 1.500347891 | 0.397587863 | 2.355513707 | 0.610651978 | 0.377617535 | 0.119317786 | 1.318566295 | 0.953505948 | 2.275069802 | 0.762382475 | 1.279465966 | 0.063093234 | 1.916285524 | 0.310804985 | 1.641800613 | 0.967636262 | 0.547381332 | 1.766198079 | -1.690029011 | 3.22663192 |
| ENSG00000146477 | 31.06396296 | 2.50E–08 | 4.41E–06 | *SLC22A3* | Solute carrier family 22 (organic cation transporter), member 3 | 1.563096215 | 1.010146642 | 5.122771127 | 0.611431359 | 5.854398252 | 1.024257472 | 9.572609634 | 0.672866612 | 2.738571654 | 1.780903126 | 6.519271574 | 0.494571845 | 2.863158512 | 0.769890076 | 4.028502428 | 0.705497333 | 3.641698652 | 1.342041114 | 3.139732496 | 1.123129178 | 0.953473476 | 4.504381054 | -2.240064169 | 4.724180766 |
| ENSG00000121933 | 31.03307433 | 2.54E–08 | 4.44E–06 | *ADORA3* | Adenosine A3 receptor | 3.055397446 | 3.685307292 | 0.94775081 | 0 | 1.963828551 | 0.236379416 | 5.570423595 | 0.236675951 | 0.950326985 | 0 | 1.550934375 | 0.383963838 | 2.877599529 | 0.572500594 | 0.937672102 | 0.109070569 | 2.753258518 | 0.119013056 | 2.56740542 | 0.723422694 | 0.606633341 | 2.317459733 | -1.933647575 | 3.820198424 |
| ENSG00000143119 | 30.90736763 | 2.71E–08 | 4.58E–06 | *CD53* | CD53 molecule | 9.961925249 | 4.858503801 | 5.238378806 | 0.352396087 | 3.957942175 | 1.946316502 | 15.16109741 | 3.065670963 | 0.480181336 | 0 | 5.961839458 | 3.187479559 | 10.67426418 | 2.776656382 | 2.730105531 | 0.637015908 | 6.645807969 | 1.084724 | 6.376090953 | 4.093465498 | 2.20022287 | 6.718763307 | -1.610546039 | 3.05367397 |
| ENSG00000269636 | 30.89980245 | 2.72E–08 | 4.58E–06 | *AC010441.1* | Protein\_coding gene | 19.47600188 | 9.985669905 | 18.53425987 | 11.00638932 | 21.13076408 | 9.284175791 | 22.75568572 | 13.43050541 | 16.28927833 | 11.99336546 | 22.27119878 | 9.467194167 | 46.86701967 | 8.681033232 | 32.32572924 | 12.70847682 | 44.28898468 | 8.959122986 | 32.347496 | 17.8430539 | 11.3358987 | 27.62864183 | -1.285265873 | 2.437269647 |
| ENSG00000066294 | 30.76580341 | 2.91E–08 | 4.77E–06 | *CD84* | CD84 molecule | 8.653625838 | 3.084521766 | 3.508638178 | 0.584138359 | 2.058642729 | 0.804422727 | 8.710836755 | 1.92850515 | 0.271628761 | 0.07088269 | 4.402130912 | 4.016136903 | 7.9865873 | 1.818373406 | 2.008499732 | 0.66222315 | 2.340687027 | 0.878480698 | 4.118591744 | 2.474231269 | 1.632191612 | 4.405986898 | -1.432654772 | 2.699429936 |
| ENSG00000137033 | 30.65067892 | 3.09E–08 | 5.02E–06 | *IL33* | Interleukin 33 | 54.77030052 | 31.27801477 | 59.0412768 | 23.08270877 | 21.02496658 | 9.169355507 | 77.10178606 | 26.14006403 | 27.14982893 | 25.09093685 | 57.77880964 | 15.9160649 | 171.5540254 | 19.60762777 | 90.34689347 | 18.47867483 | 84.40254426 | 12.10897967 | 110.9487585 | 24.70190506 | 20.55743321 | 75.41191902 | -1.875132421 | 3.668352864 |
| ENSG00000198959 | 30.62735912 | 3.13E–08 | 5.04E–06 | *TGM2* | Transglutaminase 2 | 74.47428054 | 19.45932953 | 44.67704911 | 6.708912831 | 21.70208502 | 4.959423598 | 27.47579748 | 5.218028387 | 26.08647589 | 35.60206495 | 63.95129841 | 24.23854776 | 40.93728034 | 12.31732087 | 55.54485895 | 27.44663699 | 111.2789783 | 25.2726372 | 72.86670193 | 26.17237044 | 18.73952726 | 53.8994806 | -1.524186812 | 2.876245482 |
| ENSG00000187474 | 30.57487057 | 3.21E–08 | 5.08E–06 | *FPR3* | Formyl peptide receptor 3 | 7.860063435 | 1.497106707 | 3.047055041 | 0.272053081 | 2.988437685 | 0.670593731 | 6.278291787 | 0.900382893 | 0.44619614 | 0.268410074 | 4.574164108 | 3.895340849 | 8.799741041 | 1.762635208 | 2.623921362 | 0.591234864 | 5.074309359 | 1.127423869 | 3.317546859 | 2.071404579 | 1.305658585 | 4.500972682 | -1.78545911 | 3.447281496 |
| ENSG00000204287 | 29.60080371 | 5.31E–08 | 7.58E–06 | *HLA-DRA* | Major histocompatibility complex, class II, DR alpha | 50.21917059 | 9.789554695 | 13.06826457 | 1.047314547 | 15.63802886 | 2.640969731 | 24.95948075 | 3.595972885 | 0.976097599 | 0.716361216 | 14.41127529 | 10.71613615 | 41.03930992 | 13.9335545 | 18.53861435 | 1.632068806 | 20.51770765 | 2.51991259 | 34.51651061 | 15.35978234 | 6.195162747 | 23.38844602 | -1.916581921 | 3.775275481 |
| ENSG00000188916 | 29.43738405 | 5.78E–08 | 8.02E–06 | *FAM196A* | Family with sequence similarity 196, member A | 0.958956287 | 0.489160522 | 0.55901834 | 0.399262688 | 1.443210637 | 0.431721752 | 1.966709749 | 0.713730317 | 0.726094192 | 0.689068036 | 1.086446823 | 0.372063944 | 1.918982141 | 0.737434103 | 0.926562102 | 0.663069673 | 0.848768303 | 0.354352345 | 1.16405677 | 0.449253193 | 0.529911658 | 1.159880534 | -1.130152447 | 2.188818679 |
| ENSG00000095970 | 29.42484032 | 5.81E–08 | 8.02E–06 | *TREM2* | Triggering receptor expressed on myeloid cells 2 | 8.287457778 | 7.305683484 | 4.41779048 | 0.944360321 | 4.424016842 | 1.314500282 | 10.88791674 | 4.704252944 | 0.944886832 | 0.126973731 | 7.449523898 | 3.065704092 | 9.695923226 | 2.062605393 | 2.33893372 | 0.614585657 | 5.803608511 | 1.179726166 | 5.483605521 | 4.981531501 | 2.629992357 | 5.973366355 | -1.1834856 | 2.27124856 |
| ENSG00000125398 | 29.30737157 | 6.18E–08 | 8.46E–06 | *SOX9* | SRY (sex determining region Y)-box 9 | 5.207165631 | 2.368020331 | 7.284627243 | 5.019798603 | 7.469373266 | 2.131314218 | 5.921651048 | 2.727794309 | 6.122751887 | 4.844315234 | 6.751553016 | 5.067860856 | 7.554872896 | 1.986425599 | 11.34945044 | 2.235424948 | 12.74135437 | 2.736213022 | 11.2125953 | 4.788479825 | 3.390564695 | 8.16153951 | -1.267315741 | 2.407132807 |
| ENSG00000179344 | 29.14099373 | 6.73E–08 | 9.09E–06 | *HLA-DQB1* | Major histocompatibility complex, class II, DQ beta 1 | 1.886011309 | 0.473548933 | 1.181192123 | 0.475347425 | 4.014660226 | 0.524357591 | 3.320575717 | 0.784990546 | 0.133649125 | 0 | 2.26154189 | 2.364573136 | 7.947468507 | 1.435560881 | 2.018485688 | 0.079111207 | 2.623453863 | 0.964965931 | 1.625126601 | 0.489126751 | 0.75915824 | 2.701216505 | -1.831136738 | 3.5581732 |
| ENSG00000242574 | 28.40303815 | 9.85E–08 | 1.23E–05 | *HLA-DMB* | Major histocompatibility complex, class II, DM beta | 8.282047304 | 3.713910847 | 2.721962456 | 0.334661868 | 3.384604805 | 0.22097565 | 8.975811107 | 1.73568851 | 0.193372199 | 0.095976689 | 3.71987723 | 1.771034239 | 5.952823541 | 2.282121646 | 2.245691483 | 0.416277283 | 3.668028759 | 1.129418861 | 6.206410764 | 4.663313368 | 1.636337896 | 4.535062965 | -1.470651893 | 2.771470963 |
| ENSG00000110347 | 28.29736089 | 1.04E–07 | 1.29E–05 | *MMP12* | Matrix metallopeptidase 12 (macrophage elastase) | 4.567898761 | 2.060860282 | 0.529053142 | 0.147643045 | 2.458276293 | 0.553354947 | 2.196612627 | 1.265626157 | 0.597076771 | 0.47590353 | 4.142044058 | 1.743928679 | 19.18286176 | 1.22614905 | 1.817955189 | 0.598104619 | 7.480145108 | 0.900429168 | 10.40048761 | 1.818927389 | 1.079092687 | 5.337241132 | -2.306275405 | 4.946045134 |
| ENSG00000120068 | 28.25389399 | 1.06E–07 | 1.30E–05 | *HOXB8* | Homeobox B8 | 5.18044901 | 0.200404613 | 1.666806886 | 0.59676741 | 2.764661974 | 0.896059722 | 2.281878419 | 0.456125457 | 0.093319739 | 0 | 4.058377368 | 0.089612857 | 4.878716589 | 0.055416834 | 6.880054737 | 0 | 6.295200543 | 0 | 6.812209516 | 0.508965653 | 0.280335255 | 4.091167478 | -3.867287505 | 14.59383867 |
| ENSG00000171724 | 28.25278582 | 1.06E–07 | 1.30E–05 | *VAT1L* | Vesicle amine transport 1-like | 0.440603836 | 0.043187168 | 0.14792657 | 0.071253054 | 0.359587046 | 0 | 1.658303227 | 0.309029287 | 0.218699635 | 0 | 1.673853067 | 0.451764525 | 0.204175251 | 0.183786839 | 0.041876114 | 0 | 0.562918745 | 0.084256424 | 0.213863 | 0.042329446 | 0.118560674 | 0.552180649 | -2.219514772 | 4.65736765 |
| ENSG00000170323 | 28.02902609 | 1.20E–07 | 1.44E–05 | *FABP4* | Fatty acid binding protein 4, adipocyte | 14.76523641 | 9.113291929 | 4.886479032 | 1.14046826 | 4.376295526 | 2.613609995 | 10.54831538 | 4.3486508 | 0.772734999 | 0 | 12.8379705 | 7.659060422 | 6.7648243 | 1.850352949 | 5.833300227 | 1.095506056 | 7.50455479 | 3.443167554 | 8.736510665 | 4.46880295 | 3.573291091 | 7.702622183 | -1.108096217 | 2.155610048 |
| ENSG00000088827 | 27.94146355 | 1.25E–07 | 1.49E–05 | *SIGLEC1* | Sialic acid binding Ig-like lectin 1, sialoadhesin | 1.825432106 | 0.815799867 | 0.781093053 | 0.101442925 | 0.783288198 | 0.135404241 | 1.771039012 | 0.681389354 | 0.058903484 | 0.064380497 | 0.904939982 | 0.721431937 | 2.093175675 | 0.345540212 | 0.782437666 | 0.14193719 | 0.866635212 | 0.184536839 | 1.251502603 | 0.398364548 | 0.359022761 | 1.111844699 | -1.630808073 | 3.096864098 |
| ENSG00000169851 | 27.84013384 | 1.32E–07 | 1.53E–05 | *PCDH7* | Protocadherin 7 | 6.221787689 | 1.298583334 | 8.316875027 | 2.603067369 | 6.11882234 | 1.099960792 | 7.270824491 | 1.983508752 | 8.151308914 | 10.89122746 | 5.480324078 | 3.045935593 | 19.24801062 | 2.605376213 | 7.245956879 | 1.968956226 | 18.25648476 | 3.557629543 | 7.42025661 | 3.943391914 | 3.29976372 | 9.37306514 | -1.506158185 | 2.840526152 |
| ENSG00000164171 | 27.83713432 | 1.32E–07 | 1.53E–05 | *ITGA2* | Integrin, alpha 2 (CD49B, alpha 2 subunit of VLA-2 receptor) | 8.629963572 | 5.166963093 | 6.136416705 | 2.193179686 | 4.776756781 | 2.263619028 | 8.591425647 | 2.152779999 | 3.864574954 | 3.800823264 | 6.881927555 | 3.249827612 | 20.25673506 | 4.404340538 | 9.905467869 | 7.563362652 | 9.859130953 | 3.271554748 | 7.134719187 | 4.018646953 | 3.808509757 | 8.603711828 | -1.175732612 | 2.259075695 |
| ENSG00000160223 | 27.79761899 | 1.35E–07 | 1.53E–05 | *ICOSLG* | Inducible T-cell co-stimulator ligand | 1.31722461 | 0.664194273 | 0.828867233 | 0.257091218 | 1.00429332 | 0.488793229 | 1.88420667 | 0.395099992 | 0.919023436 | 0.931162109 | 1.083941013 | 0.27839624 | 2.78627209 | 0.461182063 | 1.028088673 | 0.348639502 | 0.987522733 | 0.524041822 | 2.248353893 | 0.214385971 | 0.456298642 | 1.408779367 | -1.62639542 | 3.087406443 |
| ENSG00000101336 | 27.78758155 | 1.35E–07 | 1.53E–05 | *HCK* | Hemopoietic cell kinase | 3.353102248 | 1.064008615 | 1.00254888 | 0.065819139 | 0.943417761 | 0.600062089 | 2.809014117 | 0.462345455 | 0.205158428 | 0.064895011 | 1.499268407 | 0.833928349 | 2.209381394 | 0.804131778 | 0.667554095 | 0.274278194 | 1.382158139 | 0.314304797 | 1.392459463 | 0.685309624 | 0.516908305 | 1.546406293 | -1.580939126 | 2.991645283 |
| ENSG00000106565 | 27.78282697 | 1.36E–07 | 1.53E–05 | *TMEM176B* | Transmembrane protein 176B | 8.567007951 | 4.773511539 | 4.547782294 | 1.735320978 | 3.757411359 | 3.780374337 | 6.685366051 | 2.635259675 | 1.731599834 | 1.420770869 | 6.485511297 | 3.95342859 | 14.76703763 | 5.094646999 | 3.580221217 | 1.710511243 | 4.224242181 | 1.35186262 | 7.392398596 | 3.775963783 | 3.023165063 | 6.173857841 | -1.030112512 | 2.04218351 |
| ENSG00000065413 | 27.74566721 | 1.38E–07 | 1.54E–05 | *ANKRD44* | Ankyrin repeat domain 44 | 25.6947373 | 18.16961905 | 58.84664578 | 44.28818306 | 34.97042729 | 4.586377503 | 79.51190836 | 17.81781854 | 32.92231871 | 17.23487544 | 39.19990753 | 15.33091349 | 21.32944588 | 11.68880442 | 35.24190631 | 12.11398027 | 54.85219389 | 12.56951435 | 29.24320642 | 14.43003937 | 16.82301255 | 41.18126975 | -1.291552237 | 2.447912919 |
| ENSG00000099282 | 27.62843185 | 1.47E–07 | 1.60E–05 | *TSPAN15* | Tetraspanin 15 | 4.515556952 | 1.981484907 | 3.243308616 | 1.515046332 | 2.807165665 | 0.47885233 | 3.886026465 | 0.257880186 | 0.992528156 | 0.653125266 | 7.762198601 | 1.801539711 | 4.202458664 | 1.638737269 | 6.971138239 | 1.888076402 | 6.625432242 | 3.413670906 | 3.133397161 | 1.293971395 | 1.49223847 | 4.413921076 | -1.564582726 | 2.95791937 |
| ENSG00000081842 | 27.61853161 | 1.48E–07 | 1.60E–05 | *PCDHA6* | Protocadherin alpha 6 | 0.601764244 | 0.479524424 | 0.337398242 | 0.161589766 | 0.90450144 | 0.263603392 | 0.801709816 | 0.220558045 | 0.435934503 | 0.241124944 | 0.794847643 | 0.55880512 | 0.920600177 | 0.374492713 | 1.155986462 | 0.277155527 | 0.886947142 | 0.402638222 | 1.144518094 | 0.157267286 | 0.313675944 | 0.798420776 | -1.347874371 | 2.545368212 |
| ENSG00000184226 | 27.39693063 | 1.66E–07 | 1.73E–05 | *PCDH9* | Protocadherin 9 | 6.945956372 | 3.095664545 | 5.869370711 | 1.418196931 | 7.720664724 | 1.248691302 | 10.10608281 | 1.825526762 | 4.489500043 | 2.500503819 | 10.30802668 | 7.557550447 | 10.61345237 | 3.636773103 | 8.320602705 | 3.452623444 | 12.84096572 | 0.962732246 | 6.127532123 | 3.298221843 | 2.899648444 | 8.334215425 | -1.523168394 | 2.874215818 |
| ENSG00000130300 | 27.32692158 | 1.72E–07 | 1.78E–05 | *PLVAP* | Plasmalemma vesicle associated protein | 3.58656858 | 0.178569489 | 3.565622694 | 0.703813392 | 2.178344477 | 0.466259906 | 0.884527349 | 0.021887674 | 0.862498094 | 0.156258354 | 2.669682189 | 3.913832057 | 0.554159662 | 0.066045329 | 14.52684355 | 0.814793898 | 2.721973424 | 0.285614022 | 0.684005037 | 0.212014898 | 0.681908902 | 3.223422506 | -2.240942377 | 4.727057378 |
| ENSG00000101670 | 27.19805358 | 1.84E–07 | 1.86E–05 | *LIPG* | Lipase, endothelial | 1.55000891 | 1.651177508 | 10.78940803 | 5.563579055 | 6.934033909 | 2.610307291 | 7.843660761 | 2.921805555 | 5.939201232 | 3.715642269 | 5.09523249 | 2.408892696 | 3.603766423 | 0.924175025 | 5.389591317 | 1.893360405 | 4.531944386 | 3.575282438 | 3.06544354 | 1.794290933 | 2.705851318 | 5.4742291 | -1.016573246 | 2.023107872 |
| ENSG00000115956 | 27.08163073 | 1.95E–07 | 1.91E–05 | *PLEK* | Pleckstrin | 7.190791944 | 3.411261353 | 2.220361125 | 0.439122838 | 2.343640638 | 0.952595146 | 5.731628747 | 2.792058924 | 0.349164027 | 0 | 3.758751542 | 1.541644239 | 5.770884476 | 1.421389202 | 0.803202659 | 0.36339624 | 2.817826813 | 0.787879015 | 4.549354437 | 2.233986221 | 1.394333318 | 3.553560641 | -1.349689838 | 2.548573283 |
| ENSG00000171951 | 26.83193976 | 2.22E–07 | 2.14E–05 | *SCG2* | Secretogranin II | 60.79083107 | 8.855714916 | 15.4192889 | 3.600194995 | 16.6522876 | 3.858049831 | 21.52132327 | 2.225469709 | 7.755982099 | 8.393460935 | 30.5121921 | 14.7941876 | 127.9554878 | 11.20067258 | 19.31898569 | 5.601881057 | 21.4007184 | 5.058090151 | 24.90830143 | 9.050351072 | 7.263807284 | 34.62353983 | -2.252955398 | 4.766582933 |
| ENSG00000038945 | 26.81714718 | 2.24E–07 | 2.14E–05 | *MSR1* | Macrophage scavenger receptor 1 | 27.6642675 | 10.56395379 | 15.88868157 | 6.605754821 | 14.92701027 | 10.6327649 | 28.26885819 | 11.91110942 | 2.823444171 | 2.172400607 | 18.18929423 | 12.36483038 | 22.94257357 | 7.195157748 | 10.84906911 | 6.921238729 | 12.41414723 | 4.227618379 | 13.6601263 | 7.865988516 | 8.04608173 | 16.76274721 | -1.058900311 | 2.083342896 |
| ENSG00000143226 | 26.80854596 | 2.25E–07 | 2.14E–05 | *FCGR2A* | Fc fragment of igg, low affinity iia, receptor (CD32) | 33.24672761 | 5.157565907 | 9.127501243 | 2.860635285 | 8.67402743 | 2.616530847 | 21.5406986 | 3.200893586 | 1.798155132 | 2.268005923 | 14.19578138 | 9.708009352 | 17.18762335 | 4.255870835 | 4.80758576 | 1.847112063 | 8.588768522 | 1.711464055 | 15.81499855 | 6.110080723 | 3.973616858 | 13.49818676 | -1.764240942 | 3.396952258 |
| ENSG00000159167 | 26.80017689 | 2.26E–07 | 2.14E–05 | *STC1* | Stanniocalcin 1 | 9.932326016 | 3.080778661 | 1.4760022 | 0.981191519 | 6.523071936 | 1.00401976 | 6.382883904 | 0.945736156 | 3.324083297 | 4.152777215 | 4.047468407 | 1.950967001 | 6.663929079 | 2.25191915 | 5.185005813 | 2.297457053 | 6.608395927 | 1.803364658 | 11.17332045 | 3.223040586 | 2.169125176 | 6.131648703 | -1.499161733 | 2.826784167 |
| ENSG00000250657 | 26.51593636 | 2.61E–07 | 2.45E–05 | *RP11-1E6.1* | Uncharacterized non-coding gene | 20.12014866 | 15.66664039 | 5.303200515 | 0.863326267 | 14.02346156 | 2.066908412 | 2.875615466 | 0.938667708 | 9.716162398 | 2.663745124 | 8.098154696 | 2.795352577 | 58.12387659 | 13.66037925 | 20.08143261 | 14.38768692 | 8.599574416 | 1.227145503 | 18.33354476 | 23.19986438 | 7.746971654 | 16.52751717 | -1.093165647 | 2.133416502 |
| ENSG00000149968 | 26.27011659 | 2.97E–07 | 2.64E–05 | *MMP3* | Matrix metallopeptidase 3 (stromelysin 1, progelatinase) | 398.82252 | 155.3455268 | 109.2189104 | 15.41415693 | 358.3810029 | 58.89204788 | 340.9582868 | 47.26832351 | 199.7514543 | 162.3905707 | 585.0662707 | 424.9162299 | 2896.120759 | 364.776494 | 302.7710696 | 80.71828044 | 2761.457709 | 364.8602754 | 1287.384872 | 675.4579727 | 235.0039878 | 923.9932855 | -1.975197129 | 3.9318196 |
| ENSG00000171051 | 26.26517188 | 2.98E–07 | 2.64E–05 | *FPR1* | Formyl peptide receptor 1 | 0.54184067 | 0.611225117 | 1.600118277 | 1.671064629 | 1.893534942 | 0.581523433 | 3.317547157 | 0.681510402 | 0.870766614 | 0.150629932 | 1.508186137 | 0.241469291 | 2.473261138 | 0.58124298 | 1.747560095 | 0.118995338 | 1.84516902 | 0.244902685 | 3.489205186 | 0.685950522 | 0.556851433 | 1.928718924 | -1.792278536 | 3.463614904 |
| ENSG00000197576 | 26.26224318 | 2.98E–07 | 2.64E–05 | *HOXA4* | Homeobox A4 | 10.00804072 | 2.401769979 | 4.254275691 | 1.508398732 | 4.244749711 | 1.701127696 | 4.559477407 | 2.166216566 | 2.777487429 | 1.800118621 | 4.402746609 | 3.633455592 | 6.735706844 | 1.320837063 | 3.875082663 | 3.360136782 | 5.37373212 | 1.337134078 | 9.483818084 | 2.032630864 | 2.126182597 | 5.571511728 | -1.389803328 | 2.62042956 |
| ENSG00000145335 | 26.16032229 | 3.14E–07 | 2.73E–05 | *SNCA* | Synuclein, alpha (non A4 component of amyloid precursor) | 1.521378693 | 0.218966842 | 0.594832708 | 0 | 0.795819996 | 0.021596727 | 2.322567545 | 0.258013773 | 0.291136661 | 0.282091643 | 0.686450363 | 0.386946924 | 3.245111448 | 0.259050636 | 0.308942704 | 0 | 1.443992053 | 0.353638274 | 0.845911521 | 0.73338866 | 0.251369348 | 1.205614369 | -2.261887874 | 4.796186882 |
| ENSG00000166396 | 26.14688266 | 3.16E–07 | 2.73E–05 | *SERPINB7* | Serpin peptidase inhibitor, clade B (ovalbumin), member 7 | 15.21033555 | 5.997774626 | 8.371766637 | 2.121018697 | 12.88110422 | 2.389312611 | 23.13395364 | 2.77123707 | 14.54076617 | 12.04700532 | 14.56528398 | 7.379131392 | 19.20084137 | 13.13743193 | 18.4548781 | 7.972638959 | 16.50008098 | 3.09022437 | 11.38801446 | 6.371326885 | 6.327710186 | 15.42470251 | -1.285487235 | 2.437643643 |
| ENSG00000137491 | 26.14596135 | 3.17E–07 | 2.73E–05 | *SLCO2B1* | Solute carrier organic anion transporter family, member 2B1 | 11.29397019 | 3.889382897 | 4.763866189 | 1.095766822 | 3.4460774 | 1.256031595 | 23.56475439 | 2.850063481 | 0.550856006 | 0.697518588 | 7.193897782 | 3.435295102 | 9.776205069 | 2.958558552 | 6.268160327 | 1.919884098 | 4.923232657 | 1.541698163 | 9.520939171 | 2.914853099 | 2.25590524 | 8.130195919 | -1.84958365 | 3.603961627 |
| ENSG00000100368 | 26.11680969 | 3.21E–07 | 2.74E–05 | *CSF2RB* | Colony stimulating factor 2 receptor, beta, low-affinity (granulocyte-macrophage) | 0.743898538 | 0.243000362 | 0.206840828 | 0.058308622 | 0.345688215 | 0.060735864 | 0.918541606 | 0.087340361 | 0.09220891 | 0 | 0.363815357 | 0.212765804 | 0.542670881 | 0.193269549 | 0.261951742 | 0.195036042 | 0.275122388 | 0.131060312 | 0.61475304 | 0.25115383 | 0.143267075 | 0.436549151 | -1.607437005 | 3.047100332 |
| ENSG00000250038 | 26.03828543 | 3.35E–07 | 2.84E–05 | *RP11-180C1.1* | Uncharacterized protein | 44.39569109 | 17.47455068 | 25.02910471 | 7.09364148 | 18.94736373 | 5.517464894 | 28.97165126 | 7.294942069 | 9.567029753 | 11.8314039 | 26.51872006 | 13.96597446 | 35.04929291 | 14.23305788 | 28.76400629 | 9.29861859 | 32.44487185 | 11.76502366 | 29.94900685 | 25.07868121 | 12.35533588 | 27.96367385 | -1.178419682 | 2.263287224 |
| ENSG00000180044 | 25.9555651 | 3.49E–07 | 2.93E–05 | *C3orf80* | Chromosome 3 open reading frame 80 | 1.29559977 | 1.520822328 | 4.017875794 | 1.609268039 | 2.64265991 | 0.780978974 | 3.413843797 | 1.323025039 | 3.558667942 | 1.348451796 | 2.158875636 | 0.399961509 | 3.314585143 | 0.883669366 | 3.66085398 | 0.401300937 | 6.212024602 | 1.46673034 | 1.832007389 | 1.492981992 | 1.122719032 | 3.210699396 | -1.515890669 | 2.859753246 |
| ENSG00000119042 | 25.93739722 | 3.53E–07 | 2.94E–05 | *SATB2* | SATB homeobox 2 | 7.022319731 | 2.892908598 | 8.896449927 | 7.260987749 | 15.02194986 | 3.579254143 | 4.193714608 | 3.780724646 | 10.48245559 | 4.927084418 | 10.27024703 | 4.989806086 | 16.09433157 | 4.270921859 | 8.095491831 | 3.079639736 | 20.97950473 | 2.346618864 | 21.96032709 | 7.044312129 | 4.417225823 | 12.3016792 | -1.477642764 | 2.784933279 |
| ENSG00000082196 | 25.92014428 | 3.56E–07 | 2.94E–05 | *C1QTNF3* | C1q and tumor necrosis factor related protein 3 | 5.646161817 | 2.675278812 | 10.36250983 | 4.54496815 | 8.668340708 | 4.55810025 | 11.83829838 | 4.429248491 | 5.483423473 | 3.084482962 | 7.730610185 | 2.527964233 | 3.297721997 | 3.386482631 | 4.619243452 | 1.002021085 | 3.060074841 | 1.941789707 | 2.346806405 | 1.81446801 | 2.996480433 | 6.305319109 | -1.073300433 | 2.104241709 |
| ENSG00000173110 | 25.90384537 | 3.59E–07 | 2.94E–05 | *HSPA6* | Heat shock 70kda protein 6 (HSP70B') | 1.589716893 | 0.918840133 | 0.256192825 | 0.128219709 | 0.858973099 | 0.133436438 | 0.743349836 | 0.173320595 | 0.121312374 | 0.076804772 | 0.574081526 | 0.466740667 | 1.964300305 | 0.202545333 | 1.400440464 | 0.452359846 | 0.471665982 | 0.128845011 | 1.889677793 | 0.941266678 | 0.362237918 | 0.98697111 | -1.446070283 | 2.724648802 |
| ENSG00000197405 | 25.83331393 | 3.72E–07 | 3.02E–05 | *C5AR1* | Complement component 5a receptor 1 | 13.77274784 | 3.582281921 | 7.21652792 | 1.510560003 | 4.838256584 | 0.82675364 | 14.45467056 | 3.408730722 | 1.929133327 | 1.355675297 | 8.308415688 | 4.84593297 | 11.33084097 | 5.497026513 | 3.988926339 | 2.979161209 | 6.643810065 | 3.07637196 | 10.17179582 | 8.213198696 | 3.529569293 | 8.26551251 | -1.227612133 | 2.34179069 |
| ENSG00000235568 | 25.77056869 | 3.85E–07 | 3.10E–05 | *NFAM1* | NFAT activating protein with ITAM motif 1 | 1.188574525 | 0.313292752 | 0.345507858 | 0.063666296 | 0.278355471 | 0.083577729 | 0.270355474 | 0.298797889 | 0.419757647 | 0.026115027 | 0.754746199 | 0.096247099 | 0.284430094 | 0.117011203 | 0.184467478 | 0.031451622 | 0.20731347 | 0.032163463 | 0.125988523 | 0.083911843 | 0.114623492 | 0.405949674 | -1.824398128 | 3.541592266 |
| ENSG00000186462 | 25.54815798 | 4.31E–07 | 3.37E–05 | *NAP1L2* | Nucleosome assembly protein 1-like 2 | 0.500167358 | 0.157033296 | 0.555268116 | 0.129435989 | 1.42327311 | 0.078770524 | 0.947326899 | 0.278763283 | 0.411025017 | 0.126867111 | 0.718402441 | 0.486125055 | 4.842569966 | 0.115328717 | 0.623605934 | 0.334134341 | 1.020222779 | 0.025163982 | 1.658223314 | 0.147481091 | 0.187910339 | 1.270008493 | -2.756721792 | 6.758587631 |
| ENSG00000118785 | 25.48397094 | 4.46E–07 | 3.47E–05 | *SPP1* | Secreted phosphoprotein 1 | 283.5029713 | 53.20626768 | 99.79674964 | 9.197779504 | 92.97842377 | 15.86304736 | 211.4572431 | 37.21577845 | 9.377615007 | 11.99869348 | 93.39069504 | 57.2564416 | 96.94702889 | 26.86163148 | 28.7702722 | 13.47228239 | 96.50493043 | 19.1372411 | 158.5002953 | 56.92303899 | 30.1132202 | 117.1226225 | -1.959550864 | 3.889408761 |
| ENSG00000119927 | 25.37134906 | 4.73E–07 | 3.59E–05 | *GPAM* | Glycerol-3-phosphate acyltransferase, mitochondrial | 7.534604383 | 6.393710216 | 15.16632394 | 6.334884598 | 24.54224968 | 5.723936678 | 14.28643955 | 4.991234289 | 33.82413915 | 14.21124328 | 20.90477807 | 10.96658485 | 10.00024425 | 6.170859305 | 11.01241151 | 5.555489371 | 32.29561779 | 7.067628316 | 9.811179163 | 8.71746988 | 7.613304078 | 17.93779875 | -1.236408253 | 2.356112217 |
| ENSG00000203805 | 25.31559503 | 4.87E–07 | 3.65E–05 | *PPAPDC1A* | Phosphatidic acid phosphatase type 2 domain containing 1A | 77.33319954 | 32.21279696 | 28.86656069 | 6.597620298 | 49.85255851 | 7.969881337 | 54.53686243 | 17.51691472 | 18.87859502 | 19.40590173 | 77.06070521 | 62.11557075 | 78.02686643 | 38.70504517 | 56.61915846 | 13.36095457 | 58.49229516 | 15.0334932 | 62.12505545 | 35.10154349 | 24.80197222 | 56.17918569 | -1.179580866 | 2.265109612 |
| ENSG00000120457 | 25.30133242 | 4.90E–07 | 3.66E–05 | *KCNJ5* | Potassium inwardly-rectifying channel, subfamily J, member 5 | 0.744146265 | 0.31198725 | 0.692316094 | 0.130120039 | 0.492149851 | 0.133968218 | 1.898789696 | 0.473953032 | 0.099417358 | 0.034558655 | 0.476061101 | 0.203292909 | 1.262655547 | 0.481853897 | 0.698904191 | 0.095262701 | 0.72650364 | 0.219289086 | 0.646124519 | 0.382215741 | 0.246650153 | 0.773706826 | -1.649320822 | 3.136859305 |
| ENSG00000110328 | 25.29279643 | 4.93E–07 | 3.66E–05 | *GALNT18* | UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 18 | 4.556625819 | 1.854151675 | 1.48774748 | 1.061853572 | 2.579897676 | 0.684193918 | 2.764040705 | 0.809035134 | 1.009042008 | 1.026903715 | 3.451038518 | 2.501035561 | 4.639978501 | 1.556836833 | 3.792712196 | 2.706610075 | 3.897900619 | 1.536562252 | 4.748055983 | 2.277814851 | 1.601499758 | 3.292703951 | -1.039849224 | 2.056012768 |
| ENSG00000066336 | 25.25409815 | 5.03E–07 | 3.72E–05 | *SPI1* | Spleen focus forming virus (SFFV) proviral integration oncogene | 9.640518314 | 4.055666782 | 3.537857059 | 0.220553904 | 3.185563178 | 0.911309931 | 6.263968636 | 2.150518628 | 0.497471038 | 0 | 4.385865282 | 3.005502511 | 6.869988499 | 1.524357689 | 1.726721327 | 0.731190444 | 2.995280729 | 1.612991509 | 6.895595738 | 1.88710894 | 1.609920034 | 4.59988298 | -1.51460813 | 2.857212087 |
| ENSG00000165025 | 25.18324843 | 5.21E–07 | 3.81E–05 | *SYK* | Spleen tyrosine kinase | 0.955192694 | 0.520866812 | 0.529658502 | 0.108071759 | 0.873838675 | 0.108875716 | 1.568476022 | 0.312291357 | 0.043183086 | 0.057700065 | 0.685747007 | 0.462226397 | 1.164186326 | 0.345396216 | 0.330031574 | 0.133984836 | 0.709624784 | 0.218367401 | 0.996215527 | 0.344005879 | 0.261178644 | 0.78561542 | -1.588786313 | 3.00796194 |
| ENSG00000177839 | 25.07489683 | 5.51E–07 | 3.97E–05 | *PCDHB9* | Protocadherin beta 9 | 0.758286218 | 0.444398275 | 1.012237086 | 0.450431717 | 1.038160595 | 0.511435674 | 1.274509313 | 0.704877268 | 0.524494332 | 0.470983272 | 0.74300176 | 0.471949033 | 0.956730978 | 0.179372211 | 0.94396525 | 0.297083566 | 0.386665434 | 0.350426942 | 1.135647668 | 0.34619282 | 0.422715078 | 0.877369863 | -1.05349958 | 2.075558478 |
| ENSG00000163618 | 24.96803577 | 5.83E–07 | 4.13E–05 | *CADPS* | Ca++-dependent secretion activator | 6.305320296 | 2.540173165 | 2.619984461 | 0.352347765 | 7.387448165 | 0.773110414 | 3.759424998 | 0.237234816 | 1.539258088 | 0.693723647 | 8.443398981 | 4.755002411 | 2.363044084 | 3.187682104 | 2.963468981 | 0.75799623 | 2.674348139 | 0.454027597 | 5.043940086 | 0.604769768 | 1.435606792 | 4.309963628 | -1.586015041 | 3.002189494 |
| ENSG00000108691 | 24.94774276 | 5.89E–07 | 4.14E–05 | *CCL2* | Chemokine (C-C motif) ligand 2 | 106.9048609 | 22.88130649 | 65.80445417 | 24.84594216 | 57.7099523 | 38.01560143 | 130.2531927 | 40.01136195 | 87.97807034 | 92.4389159 | 70.89559136 | 35.13684442 | 83.42486637 | 24.41774524 | 44.74818973 | 16.05231008 | 42.58362855 | 28.98344305 | 51.480187 | 25.11096664 | 34.78944374 | 74.17829934 | -1.092347581 | 2.132207111 |
| ENSG00000124191 | 24.9264143 | 5.96E–07 | 4.17E–05 | *TOX2* | TOX high mobility group box family member 2 | 13.91981339 | 3.033534026 | 7.637148002 | 5.027625494 | 16.4386337 | 12.37001394 | 6.426865898 | 3.872816374 | 3.328169314 | 3.115405745 | 5.833145276 | 2.837722945 | 13.25273794 | 4.751267649 | 11.05508033 | 4.556557078 | 7.768935356 | 1.842594318 | 15.14040609 | 3.92114364 | 4.532868121 | 10.08009353 | -1.153012932 | 2.223778248 |
| ENSG00000254369 | 24.89233599 | 6.06E–07 | 4.22E–05 | *HOXA-AS3* | HOXA cluster antisense RNA 3 | 1.759906818 | 0.642791959 | 3.311501519 | 0.506156381 | 3.299727015 | 1.468280088 | 2.321081582 | 1.060906691 | 0.696758661 | 0.549612441 | 2.037510949 | 0.178069886 | 3.14568693 | 0.989510975 | 3.846386161 | 1.382179505 | 3.290560563 | 0.391433185 | 1.497703612 | 0.892855335 | 0.806179644 | 2.520682381 | -1.644641081 | 3.126700604 |
| ENSG00000100739 | 24.70050393 | 6.70E–07 | 4.62E–05 | *BDKRB1* | Bradykinin receptor B1 | 12.99509184 | 6.461126012 | 6.566365696 | 4.580745311 | 5.057349641 | 3.886447446 | 11.11678667 | 6.193464118 | 4.517310551 | 3.917164025 | 13.47009283 | 6.289660749 | 26.03708071 | 6.643981759 | 12.81010149 | 3.168135388 | 23.20916695 | 9.998928225 | 15.07123373 | 10.47876572 | 6.161841876 | 13.08505801 | -1.086486755 | 2.123562772 |
| ENSG00000196735 | 24.43107266 | 7.70E–07 | 5.20E–05 | *HLA-DQA1* | Major histocompatibility complex, class II, DQ alpha 1 | 7.533126664 | 1.590146645 | 1.968447303 | 0.219626013 | 2.240374952 | 0.578350196 | 4.389267864 | 1.470245336 | 1.123682387 | 0.642427258 | 1.823653187 | 1.030467078 | 1.54775054 | 1.104478688 | 1.222317913 | 0.485828465 | 2.980604115 | 0.961804389 | 2.973760595 | 1.739226426 | 0.982260049 | 2.780298552 | -1.501062882 | 2.830511689 |
| ENSG00000149418 | 24.40338379 | 7.81E–07 | 5.24E–05 | *ST14* | Suppression of tumorigenicity 14 (colon carcinoma) | 3.397698716 | 1.457666533 | 0.373306099 | 0 | 0.547632182 | 0.054649169 | 2.003080661 | 0.899614401 | 0.27920746 | 0.302008971 | 1.789535058 | 1.308502861 | 1.866924113 | 0.738938815 | 1.015537944 | 0.115908589 | 0.597369377 | 0.159396914 | 1.695438963 | 0.387627733 | 0.542431399 | 1.356573057 | -1.322454149 | 2.500911748 |
| ENSG00000171659 | 24.23174664 | 8.54E–07 | 5.66E–05 | *GPR34* | G protein-coupled receptor 34 | 4.800179644 | 2.202359885 | 1.490751333 | 0.358284635 | 2.312141949 | 0.169767917 | 3.630429062 | 0.580194291 | 0.12683793 | 0.093236879 | 2.953303902 | 1.949788633 | 3.465272043 | 1.037039131 | 0.981842771 | 0.777248402 | 2.390845529 | 0.420428926 | 3.63828766 | 1.129769028 | 0.871811773 | 2.578989182 | -1.564717131 | 2.958194948 |
| ENSG00000011600 | 24.20595512 | 8.66E–07 | 5.68E–05 | *TYROBP* | TYRO protein tyrosine kinase binding protein | 65.0649482 | 18.74434995 | 24.89644111 | 2.019929373 | 35.87911375 | 4.756374304 | 64.16029984 | 15.16332696 | 2.36491605 | 1.69834722 | 26.37697212 | 19.31300577 | 48.414555 | 13.58212094 | 12.15539964 | 3.062519857 | 30.35266804 | 6.494136486 | 26.42348914 | 25.23439607 | 11.00685069 | 33.60888029 | -1.610440738 | 3.053451094 |
| ENSG00000105997 | 24.12868817 | 9.01E–07 | 5.83E–05 | *HOXA3* | Homeobox A3 | 28.97583989 | 4.254907567 | 15.92301136 | 6.955858096 | 15.35678538 | 6.600675047 | 13.52100399 | 7.354545496 | 3.272607375 | 2.844437261 | 18.33588463 | 3.663911674 | 19.03606667 | 1.588498867 | 23.09245896 | 7.788097343 | 20.62162085 | 2.778167676 | 20.04804613 | 2.635309866 | 4.646440889 | 17.81833252 | -1.939164373 | 3.83483465 |
| ENSG00000044524 | 24.11321838 | 9.08E–07 | 5.85E–05 | *EPHA3* | EPH receptor A3 | 0.290415355 | 0.211403862 | 0.426109094 | 0.076831719 | 0.355990549 | 0.106275187 | 0.280984987 | 0.112763704 | 0.354016139 | 0.285602278 | 0.894886399 | 0.278702461 | 0.413690784 | 0.135605031 | 0.429695887 | 0.063100335 | 1.271360291 | 0.174955638 | 0.343616362 | 0.178459557 | 0.162369977 | 0.506076585 | -1.640070827 | 3.11681133 |
| ENSG00000164176 | 23.88283231 | 1.02E–06 | 6.46E–05 | *EDIL3* | EGF-like repeats and discoidin I-like domains 3 | 33.46799129 | 7.144592535 | 19.18448321 | 11.89137095 | 37.37602011 | 7.949310306 | 40.4038959 | 5.914604734 | 8.271274449 | 5.907952716 | 48.25726902 | 31.0132955 | 17.69722076 | 5.673869027 | 12.96108107 | 5.885552415 | 26.51166001 | 3.829456542 | 30.2229469 | 27.64353532 | 11.285354 | 27.43538427 | -1.281586109 | 2.431061025 |
| ENSG00000043462 | 23.79325979 | 1.07E–06 | 6.72E–05 | *LCP2* | Lymphocyte cytosolic protein 2 (SH2 domain containing leukocyte protein of 76kda) | 2.70809077 | 1.633803906 | 0.56719716 | 0.060243327 | 0.794531772 | 0.359526532 | 3.38128237 | 0.609640448 | 0.521787723 | 0 | 2.724919908 | 1.315891399 | 3.177986286 | 0.866998446 | 1.477573482 | 0.204850806 | 1.176899316 | 1.623647056 | 1.905467765 | 0.326512995 | 0.700111491 | 1.843573655 | -1.396848465 | 2.633257242 |
| ENSG00000134061 | 23.67885624 | 1.14E–06 | 6.94E–05 | *CD180* | CD180 molecule | 0.901455625 | 0.383317119 | 0.3499125 | 0.045351465 | 0.251855231 | 0 | 1.824787043 | 0.221449054 | 0 | 0 | 0.799093241 | 1.045908431 | 0.895101444 | 0.155275409 | 0.087860157 | 0 | 0.426475604 | 0.066352277 | 0.759758151 | 0.086677245 | 0.2004331 | 0.6296299 | -1.651383275 | 3.141346912 |
| ENSG00000244534 | 23.14544173 | 1.50E–06 | 8.51E–05 | *RN7SL211P* | RNA, 7SL, cytoplasmic 211, pseudogene | 26.71503788 | 4.904107103 | 3.66138224 | 1.135754013 | 4.482672447 | 0 | 26.07210189 | 4.869718459 | 11.18222407 | 1.183516722 | 27.95328036 | 3.74368887 | 11.79748607 | 0 | 9.823886966 | 5.890006501 | 26.36155979 | 8.12214234 | 16.91902395 | 23.84252717 | 5.369146118 | 16.49686556 | -1.619427363 | 3.072530567 |
| ENSG00000099260 | 22.96766598 | 1.65E–06 | 9.14E–05 | *PALMD* | Palmdelphin | 1.654134152 | 0.2282818 | 1.18527611 | 0.968948798 | 1.413652135 | 0.888928896 | 2.691269256 | 0.377927235 | 0.899098992 | 0.596330764 | 1.625091781 | 1.157399465 | 1.144070055 | 0.300002751 | 1.175492767 | 0.653370767 | 0.496025557 | 0.127338618 | 1.136092343 | 0.534322241 | 0.583285134 | 1.342020315 | -1.202133301 | 2.300796364 |
| ENSG00000261275 | 22.94997818 | 1.66E–06 | 9.20E–05 | *RP11-760D2.11* | Lincrna | 0.100209807 | 0.107667576 | 0.223404085 | 0.046816623 | 0.16729925 | 0.024159695 | 0.409223574 | 0.081008967 | 0.14949825 | 0.012369865 | 0.421051075 | 0.216735671 | 0.376230857 | 0 | 0.16410601 | 0 | 0.036372441 | 0 | 0.062021273 | 0.024163225 | 0.051292162 | 0.210941662 | -2.040033769 | 4.112551567 |
| ENSG00000115361 | 22.8301731 | 1.77E–06 | 9.58E–05 | *ACADL* | Acyl-coa dehydrogenase, long chain | 1.965544247 | 1.622611523 | 3.700458257 | 1.15491659 | 2.051365548 | 0.961405835 | 2.011850136 | 0.567676269 | 1.974882949 | 1.016784838 | 3.592533304 | 1.504108887 | 2.071555381 | 1.460336599 | 2.787497086 | 1.620278878 | 3.521049355 | 1.230281085 | 2.145852758 | 0.636787887 | 1.177518839 | 2.582258902 | -1.132883514 | 2.192966105 |
| ENSG00000121898 | 22.8109013 | 1.79E–06 | 9.65E–05 | *CPXM2* | Carboxypeptidase X (M14 family), member 2 | 1.613436542 | 1.059340248 | 2.945452403 | 1.071902315 | 1.830546779 | 0.294845282 | 2.526463805 | 0.692033552 | 0.410231762 | 0.318605074 | 0.958790314 | 0.447698268 | 1.704603886 | 0.080332623 | 0.618809331 | 0.17574561 | 1.459759764 | 0.035024773 | 5.405543744 | 1.113986364 | 0.528951411 | 1.947363833 | -1.880315345 | 3.68155523 |
| ENSG00000131398 | 22.78426323 | 1.81E–06 | 9.73E–05 | *KCNC3* | Potassium voltage-gated channel, Shaw-related subfamily, member 3 | 1.673713161 | 0.356745068 | 0.813008161 | 0.132100967 | 1.123313975 | 0.113479846 | 1.090491133 | 0.132783306 | 0.328863713 | 0.626034724 | 0.776234619 | 0.604718857 | 1.795019124 | 0.214243738 | 0.851512427 | 0.141814182 | 1.106395824 | 0.442615996 | 1.317150773 | 0.26112853 | 0.302566521 | 1.087570291 | -1.845784378 | 3.594483243 |
| ENSG00000076706 | 22.7476564 | 1.85E–06 | 9.84E–05 | *MCAM* | Melanoma cell adhesion molecule | 57.8758334 | 7.449806407 | 22.17533476 | 4.820227576 | 25.06902084 | 7.738648959 | 53.77698505 | 10.20095229 | 9.753993286 | 13.92318533 | 52.20291478 | 25.13649914 | 43.5196382 | 16.8999325 | 39.46970956 | 9.180869048 | 71.71145207 | 14.84844218 | 53.43174572 | 14.84287077 | 12.50414342 | 42.89866277 | -1.778526446 | 3.430755817 |
| ENSG00000104722 | 22.70607563 | 1.89E–06 | 0.000100168 | *NEFM* | Neurofilament, medium polypeptide | 9.619231129 | 1.431665859 | 0.664318195 | 0.362126268 | 4.859690799 | 0.337316208 | 2.01031262 | 0.398352856 | 1.167303368 | 0.830855166 | 2.472333558 | 2.050572006 | 27.26456729 | 1.483848398 | 3.081393751 | 2.287905751 | 2.835389024 | 0.251615072 | 13.90258691 | 2.000119799 | 1.143437738 | 6.787712663 | -2.569547683 | 5.936232849 |
| ENSG00000017427 | 22.67485359 | 1.92E–06 | 0.000101316 | *IGF1* | Insulin-like growth factor 1 (somatomedin C) | 2.048505435 | 1.555813479 | 3.468181202 | 1.371572322 | 1.542361069 | 0.811813602 | 18.276857 | 7.22085307 | 3.240855354 | 0.439756088 | 6.044714855 | 1.733345194 | 4.561710227 | 0.648958588 | 4.169677868 | 0.366067822 | 2.049923424 | 2.445170213 | 10.96126817 | 1.626299436 | 1.821964981 | 5.63640546 | -1.629280167 | 3.093586056 |
| ENSG00000179772 | 22.57964505 | 2.02E–06 | 0.000104563 | *FOXS1* | Forkhead box S1 | 0.748033514 | 0.207823724 | 1.087790921 | 0.040365219 | 0.383943841 | 0.169159011 | 0.310678331 | 0.121867014 | 0.771796217 | 0.166484932 | 1.173372252 | 0.598200316 | 0.158528822 | 0.122593736 | 2.460902286 | 0.448218702 | 2.208157149 | 0.041329393 | 0.760938657 | 0.139332492 | 0.205537454 | 1.006414199 | -2.291750966 | 4.896500275 |
| ENSG00000161958 | 22.52393974 | 2.08E–06 | 0.000106735 | *FGF11* | Fibroblast growth factor 11 | 3.566447791 | 1.133651181 | 2.849983123 | 1.085051628 | 2.359893915 | 1.217241689 | 3.180195628 | 0.660849958 | 0.786209516 | 0.851782002 | 2.118899301 | 0.713965708 | 1.536253743 | 1.724692216 | 1.202447529 | 0.67518191 | 1.912020147 | 0.409698508 | 2.567395548 | 0.602044244 | 0.907415904 | 2.207974624 | -1.28288774 | 2.433255372 |
| ENSG00000167613 | 22.50354886 | 2.10E–06 | 0.00010706 | *LAIR1* | Leukocyte-associated immunoglobulin-like receptor 1 | 6.663548936 | 1.879516348 | 2.355588007 | 0.517364417 | 1.26455786 | 0.610516819 | 6.847642757 | 2.443625928 | 0.663124651 | 0.473934276 | 2.980730774 | 2.398160033 | 6.49513047 | 1.688539544 | 1.010149034 | 0.460537799 | 2.921158409 | 0.864210468 | 3.302140801 | 2.433940948 | 1.377034658 | 3.45037717 | -1.325189205 | 2.505657464 |
| ENSG00000085514 | 22.50203877 | 2.10E–06 | 0.00010706 | *PILRA* | Paired immunoglobin-like type 2 receptor alpha | 4.530902247 | 2.873436991 | 1.980780906 | 0.313710058 | 2.414657013 | 1.311617536 | 7.377372911 | 1.834603565 | 0.971129717 | 0.533600997 | 4.628174478 | 2.953365193 | 5.96898445 | 2.478195781 | 1.153143478 | 1.344841396 | 3.39203168 | 1.296151771 | 5.367122445 | 2.023117744 | 1.696264103 | 3.778429933 | -1.155426059 | 2.227500968 |
| ENSG00000018280 | 22.48288592 | 2.12E–06 | 0.000107535 | *SLC11A1* | Solute carrier family 11 (proton-coupled divalent metal ion transporter), member 1 | 6.186826582 | 4.020397287 | 1.215736193 | 0.491185529 | 4.039507054 | 0.828094372 | 4.812249129 | 0.856651096 | 2.6820124 | 0.162998807 | 5.084417214 | 2.342513041 | 4.066763015 | 1.888992224 | 0.828475254 | 0.504658028 | 3.463206526 | 0.646408961 | 3.380701127 | 2.675911159 | 1.44178105 | 3.575989449 | -1.310490387 | 2.480258322 |
| ENSG00000198948 | 22.285851 | 2.35E–06 | 0.000116262 | *MFAP3L* | Microfibrillar-associated protein 3-like | 10.37563587 | 3.288714015 | 14.44972535 | 3.490979069 | 15.22559822 | 3.579553838 | 17.97990962 | 4.583591775 | 8.509445668 | 8.917936494 | 16.64458262 | 12.51945776 | 11.74734696 | 5.214489128 | 9.641988966 | 2.846148633 | 12.37086095 | 7.079402044 | 10.31652393 | 6.986325349 | 5.85065981 | 12.72616182 | -1.121126132 | 2.175166943 |
| ENSG00000248690 | 22.27960701 | 2.36E–06 | 0.000116328 | *HAS2-AS1* | HAS2 antisense RNA 1 | 6.481501768 | 3.293603173 | 7.646069136 | 4.020146383 | 5.678508198 | 1.558384796 | 4.534400771 | 0.710250799 | 7.855723656 | 3.627852951 | 6.899172487 | 3.304185167 | 4.541077573 | 3.378483732 | 11.80711132 | 7.76060011 | 17.78190456 | 4.080137828 | 6.226709795 | 4.632808018 | 3.636645296 | 7.945217926 | -1.127478574 | 2.184765706 |
| ENSG00000155307 | 22.13173067 | 2.55E–06 | 0.000122996 | *SAMSN1* | SAM domain, SH3 domain and nuclear localization signals 1 | 2.54825299 | 1.635402308 | 1.023712504 | 0.038750357 | 0.723675738 | 0.267721548 | 1.846191825 | 0.365982137 | 0.038320212 | 0 | 1.067246781 | 0.762518808 | 3.094666991 | 0.713681744 | 0.852801193 | 0.206479766 | 1.61269938 | 0.4487734 | 1.991616062 | 1.058315773 | 0.549762584 | 1.479918368 | -1.428636971 | 2.691922678 |
| ENSG00000244482 | 22.03478579 | 2.68E–06 | 0.000127658 | *LILRA6* | Leukocyte immunoglobulin-like receptor, subfamily A (with TM domain), member 6 | 1.836742558 | 1.344294296 | 0.463161688 | 0.116978113 | 0.767525047 | 0.206241506 | 0.787523517 | 0.223510046 | 0.195739803 | 0 | 0.70533805 | 0.38654265 | 0.800719204 | 0.441818208 | 0.260644455 | 0.224903333 | 0.380274185 | 0.124421798 | 1.423661748 | 0.423690245 | 0.34924002 | 0.762133025 | -1.125823945 | 2.182261433 |
| ENSG00000102575 | 22.03023916 | 2.68E–06 | 0.000127658 | *ACP5* | Acid phosphatase 5, tartrate resistant | 65.29934645 | 47.97105853 | 24.38070196 | 5.53912394 | 29.87869098 | 13.55668219 | 66.23295052 | 28.32920219 | 6.627580568 | 7.548784673 | 46.76031191 | 28.36334875 | 78.00653387 | 22.4117459 | 23.28740863 | 6.623637556 | 43.48745575 | 13.21140871 | 44.17153399 | 28.69886024 | 20.22538527 | 42.81325146 | -1.081890221 | 2.116807709 |
| ENSG00000224116 | 22.00573287 | 2.72E–06 | 0.000128632 | *INHBA-AS1* | INHBA antisense RNA 1 | 2.043570354 | 0.423272502 | 1.09146561 | 0.260915766 | 0.756884485 | 0.280503824 | 0.752241287 | 0.451705797 | 0.926144386 | 0.877096701 | 1.220483459 | 0.385272587 | 1.482801546 | 0.679248223 | 1.279575528 | 0.37238132 | 1.030115454 | 0.270005576 | 0.625296045 | 0.942960076 | 0.494336237 | 1.120857815 | -1.181038707 | 2.267399659 |
| ENSG00000146072 | 21.99082047 | 2.74E–06 | 0.000129302 | *TNFRSF21* | Tumor necrosis factor receptor superfamily, member 21 | 13.7883686 | 7.401296788 | 12.13609759 | 2.136303345 | 9.311819545 | 3.239998658 | 13.06425861 | 2.784379642 | 4.014786094 | 6.05591243 | 7.640245235 | 3.251286128 | 12.83610821 | 5.866510163 | 7.385250351 | 5.488077295 | 6.092962537 | 2.574044656 | 6.202039223 | 2.590435876 | 4.138824498 | 9.2471936 | -1.159794519 | 2.234256032 |
| ENSG00000134242 | 21.86472507 | 2.93E–06 | 0.000134961 | *PTPN22* | Protein tyrosine phosphatase, non-receptor type 22 (lymphoid) | 2.718734266 | 0.975474768 | 1.059000277 | 0.258902638 | 1.749014017 | 0.285286933 | 3.75406002 | 0.473384666 | 1.120483878 | 0.210759183 | 1.143667285 | 1.040857026 | 2.321010707 | 1.293217427 | 1.976408252 | 0.564240781 | 1.87167458 | 0.889652886 | 2.119413397 | 2.688210656 | 0.867998696 | 1.983346668 | -1.192172086 | 2.284965031 |
| ENSG00000133135 | 21.8244531 | 2.99E–06 | 0.000136793 | *RNF128* | Ring finger protein 128, E3 ubiquitin protein ligase | 2.380784166 | 0.649345243 | 0.9148373 | 0.364695875 | 1.342778254 | 0.527431152 | 1.59195068 | 0.494827112 | 1.261388031 | 0.655243224 | 0.591717183 | 0.775981391 | 5.369010461 | 1.117135792 | 2.426526326 | 2.289911764 | 2.291145274 | 0.424450067 | 1.231632384 | 0.855709613 | 0.815473123 | 1.940177006 | -1.250479044 | 2.379204109 |
| ENSG00000107099 | 21.6411293 | 3.29E–06 | 0.000146847 | *DOCK8* | Dedicator of cytokinesis 8 | 1.040885804 | 0.710983901 | 1.094858626 | 0.58256014 | 2.556321267 | 1.080309282 | 1.263773171 | 0.587438481 | 1.84773038 | 2.414561527 | 1.093141926 | 0.543841194 | 3.393017317 | 0.664569946 | 0.862127692 | 0.482534759 | 1.632945837 | 0.587508855 | 4.114826511 | 0.6314763 | 0.828578439 | 1.889962853 | -1.189647695 | 2.280970352 |
| ENSG00000113361 | 21.6067888 | 3.35E–06 | 0.000148776 | *CDH6* | Cadherin 6, type 2, K-cadherin (fetal kidney) | 5.70300611 | 2.315441669 | 7.542208481 | 1.112507489 | 1.185270193 | 0.546322561 | 2.443814517 | 0.44083837 | 0.521229877 | 0.293237179 | 2.21952032 | 1.00950212 | 1.698266476 | 1.37906909 | 2.134840816 | 1.146256678 | 3.899043719 | 1.600264609 | 5.151649344 | 5.428568399 | 1.527200816 | 3.249884985 | -1.089498882 | 2.128001079 |
| ENSG00000177675 | 21.59548825 | 3.37E–06 | 0.000149294 | *CD163L1* | CD163 molecule-like 1 | 7.612547687 | 2.083018848 | 4.340987603 | 0.163617801 | 3.713527019 | 0.980777642 | 6.308174506 | 0.923036155 | 2.586285198 | 0.270563865 | 3.089386614 | 1.816032057 | 5.270708836 | 2.734752805 | 4.567279978 | 1.53804908 | 3.012084167 | 3.788094393 | 2.810272747 | 1.821965819 | 1.611990847 | 4.331125435 | -1.425898404 | 2.686817636 |
| ENSG00000204472 | 21.4770802 | 3.58E–06 | 0.000156907 | *AIF1* | Allograft inflammatory factor 1 | 5.885676019 | 2.925390105 | 1.65746546 | 0.165946434 | 1.431961984 | 0.362213318 | 7.535244118 | 2.114230115 | 0 | 0 | 4.349239519 | 2.50869566 | 4.211616564 | 1.312911962 | 0.980361872 | 0 | 3.936580025 | 0.922459689 | 2.350039333 | 2.023205178 | 1.233505246 | 3.233818489 | -1.390474853 | 2.621649563 |
| ENSG00000164418 | 21.40301342 | 3.72E–06 | 0.000162698 | *GRIK2* | Glutamate receptor, ionotropic, kainate 2 | 3.973618512 | 3.129980124 | 4.980210128 | 1.10260583 | 5.12915702 | 0.298606989 | 2.189822107 | 0.734408485 | 1.022337756 | 0.789137717 | 6.006106784 | 2.164279032 | 3.67749385 | 1.340220973 | 7.70704115 | 3.336902339 | 7.04627041 | 4.498508937 | 5.39620237 | 1.558183474 | 1.89528339 | 4.712826009 | -1.314178838 | 2.486607561 |
| ENSG00000164251 | 21.33781501 | 3.85E–06 | 0.000165956 | *F2RL1* | Coagulation factor II (thrombin) receptor-like 1 | 3.99961622 | 2.603530564 | 3.341661809 | 1.369111651 | 0.450369206 | 0.163694682 | 3.795332385 | 1.301064686 | 0.71593541 | 0.52719429 | 1.877635514 | 0.680481363 | 1.877267211 | 0.989772308 | 4.333615893 | 1.308475566 | 1.485274714 | 1.180544263 | 1.541678532 | 0.897197365 | 1.102106674 | 2.34183869 | -1.087377833 | 2.124874792 |
| ENSG00000108700 | 21.31156742 | 3.90E–06 | 0.000167457 | *CCL8* | Chemokine (C-C motif) ligand 8 | 0.581253363 | 0.114895634 | 0.652857624 | 0.172022275 | 1.086633602 | 0.459938314 | 1.200725512 | 0.788240677 | 0.919949419 | 0.728541586 | 0.797638212 | 0.062911452 | 1.569361268 | 0.112972878 | 0.338085916 | 0 | 0.171073048 | 0.168804465 | 1.174634364 | 0.117337584 | 0.272566486 | 0.849221233 | -1.639532257 | 3.115648016 |
| ENSG00000006606 | 21.28951909 | 3.95E–06 | 0.000169 | *CCL26* | Chemokine (C-C motif) ligand 26 | 29.17373761 | 24.17379853 | 9.321195872 | 1.58838316 | 18.21639734 | 5.847484242 | 9.147487062 | 6.854009083 | 7.0477663 | 6.263604513 | 20.94797434 | 7.481328409 | 21.81371224 | 12.88246813 | 27.77673862 | 9.234932624 | 21.94134056 | 7.905387951 | 22.74975839 | 11.6190137 | 9.385041034 | 18.81361084 | -1.003341809 | 2.004638101 |
| ENSG00000163220 | 21.27297012 | 3.98E–06 | 0.000169674 | *S100A9* | S100 calcium binding protein A9 | 13.12217199 | 6.527972996 | 7.1189921 | 0 | 10.3906143 | 1.285966499 | 12.12914759 | 2.344154384 | 0.28116107 | 0 | 15.27983889 | 5.007555308 | 9.779342481 | 4.585061234 | 4.136772197 | 0 | 9.23258042 | 0.563716211 | 8.534988734 | 7.235626311 | 2.755005294 | 9.000560978 | -1.707959832 | 3.266985002 |
| ENSG00000232274 | 21.19613179 | 4.15E–06 | 0.000173396 | *RP11-782C8.2* | Lincrna | 2.724397494 | 1.648058313 | 5.389920813 | 1.296805181 | 5.935884475 | 2.30010454 | 10.61143006 | 2.746220681 | 3.345382973 | 3.975490355 | 1.209952441 | 0.951451432 | 20.00649505 | 1.32776944 | 3.490893505 | 0.303134706 | 4.281082401 | 0.415005404 | 1.655231814 | 0.404515678 | 1.536855573 | 5.865067103 | -1.932166021 | 3.816277343 |
| ENSG00000090659 | 21.11758292 | 4.32E–06 | 0.000179019 | *CD209* | CD209 molecule | 1.389252917 | 0.231656333 | 0.76330013 | 0.054190368 | 0.364988191 | 0.125029163 | 1.1368052 | 0.183002635 | 0.129337774 | 0.03245943 | 0.341834835 | 0.452127473 | 0.881665194 | 0.341041888 | 0.308319004 | 0.120416696 | 0.488672161 | 0.069770125 | 0.938209011 | 0.201013815 | 0.181070793 | 0.674238442 | -1.896705032 | 3.723617885 |
| ENSG00000165168 | 21.11129383 | 4.33E–06 | 0.000179203 | *CYBB* | Cytochrome b-245, beta polypeptide | 5.235700739 | 3.326168731 | 2.621386013 | 0.457202298 | 5.293637228 | 0.46807103 | 5.140608582 | 1.192233923 | 0.110572262 | 0.171102357 | 3.84608115 | 2.959327023 | 5.568006412 | 1.651522525 | 1.420812995 | 0.240264093 | 2.953252744 | 0.427352366 | 4.248256202 | 2.092944839 | 1.298618919 | 3.643831433 | -1.488478088 | 2.805928191 |
| ENSG00000176927 | 21.06403212 | 4.44E–06 | 0.000181632 | *EFCAB5* | EF-hand calcium binding domain 5 | 3.884898562 | 0.905767515 | 1.629221977 | 1.502455426 | 4.364162606 | 1.157923417 | 2.681784174 | 1.856957605 | 3.326318817 | 0.874384951 | 1.717009691 | 0.819615979 | 1.483832683 | 0.309230844 | 1.964803901 | 0.52070123 | 2.395852975 | 1.064582939 | 1.170473267 | 1.600194885 | 1.061181479 | 2.461835865 | -1.214063177 | 2.319900897 |
| ENSG00000172020 | 21.05582567 | 4.46E–06 | 0.000182007 | *GAP43* | Growth associated protein 43 | 1.107745253 | 0.430903995 | 0.10586489 | 0.067659673 | 0.295551292 | 0.206726103 | 1.016686106 | 0.100490139 | 0.328323053 | 0 | 0.766887531 | 0.522825751 | 1.034315151 | 0.405907657 | 0.601761388 | 0.229453266 | 2.042683001 | 0.470416037 | 1.332780643 | 0.423785534 | 0.285816815 | 0.863259831 | -1.594704062 | 3.020325552 |
| ENSG00000171860 | 20.97818237 | 4.65E–06 | 0.000186223 | *C3AR1* | Complement component 3a receptor 1 | 4.054811583 | 1.585781339 | 1.513995051 | 0.089277773 | 2.224960769 | 0.419785152 | 4.584603461 | 0.935966114 | 0.338530566 | 0.38148324 | 2.148905469 | 2.385950601 | 4.216403889 | 1.317780665 | 1.135363929 | 0.512127162 | 2.107476717 | 0.673141705 | 2.745394717 | 0.766104254 | 0.906739801 | 2.507044615 | -1.467227153 | 2.764899714 |
| ENSG00000225953 | 20.90176661 | 4.83E–06 | 0.000192124 | *SATB2-AS1* | SATB2 antisense RNA 1 | 1.971136139 | 0.474368125 | 4.441102623 | 1.262364958 | 5.925770709 | 1.351819955 | 2.635509527 | 0.502452336 | 3.68169574 | 1.13267868 | 4.65490953 | 2.489957765 | 3.908949597 | 2.152969222 | 4.343037469 | 1.221929125 | 3.328359258 | 0.802913475 | 3.818743412 | 1.231370259 | 1.26228239 | 3.8709214 | -1.616642317 | 3.06660493 |
| ENSG00000120586 | 20.85960894 | 4.94E–06 | 0.000195544 | *MRC1* | Mannose receptor, C type 1 | 1.730379471 | 0.251241182 | 0.427670063 | 0 | 2.095597211 | 0.440494868 | 0.808799927 | 0.292091128 | 0.117222738 | 0.013390616 | 1.862148933 | 0.852665658 | 0 | 0 | 0.972553883 | 0.102786918 | 1.326928173 | 0.288920187 | 0.607718238 | 0.317002641 | 0.25585932 | 0.994901864 | -1.959203442 | 3.888472248 |
| ENSG00000143140 | 20.72857403 | 5.29E–06 | 0.000206288 | *GJA5* | Gap junction protein, alpha 5, 40kda | 1.259286592 | 0.329025214 | 0.496983013 | 0.102136404 | 1.154743887 | 0.2146303 | 0.450321615 | 0.53755132 | 0.281175916 | 0.027091194 | 0.435181676 | 0.055844224 | 0.37207823 | 0 | 0.411772007 | 0.124422783 | 0.436191721 | 0.209970715 | 0.510669626 | 0.440740997 | 0.204141315 | 0.580840428 | -1.508573682 | 2.845286012 |
| ENSG00000158406 | 20.63190846 | 5.57E–06 | 0.000213846 | *HIST1H4H* | Histone cluster 1, h4h | 14.75677688 | 4.161667807 | 8.882717635 | 6.916023402 | 11.2657813 | 5.218464413 | 18.50250083 | 3.60639361 | 12.2447324 | 11.20924743 | 5.282462793 | 3.320054079 | 43.31356542 | 4.994380906 | 9.561288916 | 6.877420267 | 8.620858732 | 2.969242603 | 17.98540434 | 7.341771167 | 5.661466569 | 15.04160892 | -1.409711165 | 2.656839662 |
| ENSG00000166592 | 20.60545611 | 5.64E–06 | 0.000215845 | *RRAD* | Ras-related associated with diabetes | 10.55760536 | 2.135961457 | 1.914120403 | 0.684345761 | 4.163706656 | 1.990698896 | 3.605715655 | 1.342605321 | 3.009136823 | 2.131262245 | 1.245848321 | 1.277199281 | 18.71298467 | 1.735673182 | 7.624196136 | 2.732165897 | 2.121970104 | 0.943636593 | 13.70209291 | 5.220263679 | 2.019381231 | 6.665737703 | -1.722851251 | 3.30088128 |
| ENSG00000125266 | 20.45781306 | 6.10E–06 | 0.000227949 | *EFNB2* | Ephrin-B2 | 2.039374742 | 0.64460303 | 0.480355088 | 0.276035532 | 0.452060363 | 0.330791567 | 0.386900126 | 0.409123866 | 0.151281632 | 0.080447736 | 0.299075594 | 0.205913806 | 1.882515489 | 0.421178539 | 1.207287972 | 0.741428482 | 0.279791986 | 0.160074596 | 1.941880083 | 0.596068061 | 0.386566521 | 0.912052308 | -1.238399869 | 2.359367035 |
| ENSG00000175745 | 20.37421406 | 6.37E–06 | 0.000235252 | *NR2F1* | Nuclear receptor subfamily 2, group F, member 1 | 5.001671607 | 1.896291554 | 7.043622872 | 0.923074059 | 7.049186561 | 1.853937147 | 8.402918383 | 1.922151895 | 3.230090041 | 3.123487575 | 9.973202423 | 3.078555268 | 12.57581787 | 4.722581991 | 4.26392084 | 2.519044747 | 8.053262637 | 2.433441138 | 4.717554061 | 6.266973312 | 2.873953868 | 7.031124729 | -1.290718583 | 2.446498813 |
| ENSG00000165457 | 20.21571857 | 6.92E–06 | 0.000249545 | *FOLR2* | Folate receptor 2 (fetal) | 10.23233352 | 4.117586836 | 7.956233887 | 0.733662318 | 6.086640268 | 0.401159859 | 13.85456649 | 3.268743513 | 0.658135677 | 1.19183548 | 4.431568971 | 2.786412715 | 9.020073953 | 2.253553268 | 2.120310154 | 0.633042424 | 4.186279573 | 1.095371949 | 8.395963489 | 2.330008482 | 1.881137684 | 6.694210598 | -1.831308492 | 3.558596829 |
| ENSG00000272482 | 20.11478506 | 7.29E–06 | 0.000260628 | *RP11-474O21.5* | Lincrna | 21.5584225 | 3.693644075 | 41.13969434 | 20.8224054 | 15.21034106 | 12.05883793 | 45.24435261 | 18.53115062 | 10.07442452 | 5.688482862 | 30.37558818 | 6.734278629 | 19.7019577 | 16.5961929 | 17.87077829 | 4.068888173 | 16.75664503 | 4.744121306 | 19.55138832 | 12.22957004 | 10.51675719 | 23.74835925 | -1.17513792 | 2.258144675 |
| ENSG00000198829 | 20.10786846 | 7.32E–06 | 0.000260628 | *SUCNR1* | Succinate receptor 1 | 1.202864793 | 0.637296172 | 0.351079341 | 0.066059477 | 0.441828333 | 0.146518989 | 0.858402488 | 0.609273893 | 0.062268996 | 0.053577112 | 0.365925219 | 0.27568372 | 1.057387962 | 0.047939596 | 0.125731861 | 0.045767835 | 0.669948048 | 0.238000015 | 0.645129386 | 0.074507097 | 0.219462391 | 0.578056643 | -1.397237141 | 2.633966763 |
| ENSG00000178562 | 20.0763957 | 7.44E–06 | 0.000264087 | *CD28* | CD28 molecule | 1.758980336 | 0.537054715 | 0.665247818 | 0.546570321 | 0.528121507 | 0.055725308 | 1.540270114 | 0.16762462 | 0.200617194 | 0 | 1.642182339 | 0.981768749 | 3.166269812 | 0.741958463 | 0.29144425 | 0 | 0.573593882 | 0.581753359 | 1.43691204 | 0.610575746 | 0.422303128 | 1.180363929 | -1.482880901 | 2.795063192 |
| ENSG00000250120 | 20.01823037 | 7.67E–06 | 0.000269282 | *PCDHA10* | Protocadherin alpha 10 | 0.423382196 | 0.151275938 | 1.096946945 | 0.405364175 | 1.04969414 | 0.603457465 | 1.47965966 | 0.424491699 | 0.348291508 | 0.71406192 | 1.071237962 | 0.426424594 | 2.061158834 | 0.27591307 | 1.402479602 | 0.354277219 | 1.238010365 | 0.087812157 | 1.344688254 | 0.534563312 | 0.397764155 | 1.151554947 | -1.533598075 | 2.895069685 |
| ENSG00000132854 | 19.9967247 | 7.76E–06 | 0.000271808 | *KANK4* | KN motif and ankyrin repeat domains 4 | 5.422877296 | 4.273922989 | 0.966463169 | 0.094494617 | 3.309148587 | 0.118100258 | 2.48756142 | 0.158726362 | 0.369478897 | 0.225141168 | 11.22868452 | 4.595112001 | 8.87790745 | 5.533558534 | 9.460296348 | 2.172655245 | 12.44814223 | 4.86109715 | 6.893462825 | 3.197172137 | 2.522998046 | 6.146402275 | -1.284603104 | 2.436150232 |
| ENSG00000138829 | 19.98296337 | 7.81E–06 | 0.000272746 | *FBN2* | Fibrillin 2 | 18.96213636 | 21.27503109 | 39.08645973 | 10.52967347 | 89.61213835 | 34.90628042 | 30.73715798 | 6.478998512 | 9.288357851 | 8.90286996 | 17.72023328 | 14.16028851 | 27.2649411 | 10.64705141 | 24.46417757 | 17.84338992 | 26.6917541 | 7.868206134 | 18.59249813 | 6.157158086 | 13.87689475 | 30.24198545 | -1.123868088 | 2.179304952 |
| ENSG00000150337 | 19.96453875 | 7.89E–06 | 0.000274084 | *FCGR1A* | Fc fragment of igg, high affinity Ia, receptor (CD64) | 1.552422746 | 0.602782618 | 1.263378207 | 0.217862743 | 1.184315793 | 0.374720505 | 4.624785347 | 1.101572108 | 0.128388004 | 0 | 1.219647186 | 1.512762109 | 2.374894648 | 1.078457409 | 1.362135703 | 0.247011286 | 2.020657168 | 0.107495093 | 2.938549944 | 0.826862158 | 0.606952603 | 1.866917475 | -1.62100239 | 3.075886758 |
| ENSG00000198286 | 19.95092367 | 7.95E–06 | 0.000275246 | *CARD11* | Caspase recruitment domain family, member 11 | 3.689752947 | 1.429178364 | 1.422470746 | 0.183291585 | 1.115238178 | 0.75566315 | 3.271835958 | 0.484849861 | 0.702031305 | 0.589866068 | 1.901482797 | 0.435167464 | 0.720474655 | 0.344827945 | 1.250038624 | 0.58069523 | 2.11793541 | 0.332730353 | 0.869450861 | 0.71916966 | 0.585543968 | 1.706071148 | -1.542828402 | 2.91365165 |
| ENSG00000141524 | 19.82150406 | 8.50E–06 | 0.00028986 | *TMC6* | Transmembrane channel-like 6 | 3.676611933 | 2.983967695 | 1.504166937 | 1.117689444 | 1.626809968 | 0.219935179 | 1.975141824 | 0.611674653 | 2.240052605 | 0.410258578 | 4.436720536 | 1.332810139 | 2.73669066 | 1.882725298 | 1.133468147 | 0.943922633 | 2.952775555 | 0.706756503 | 2.339264399 | 1.007181164 | 1.121692129 | 2.462170256 | -1.134253773 | 2.195049955 |
| ENSG00000090382 | 19.78850452 | 8.65E–06 | 0.000291942 | *LYZ* | Lysozyme | 24.69851943 | 26.30758794 | 16.36398555 | 2.451386579 | 20.01693703 | 3.829249244 | 39.22351578 | 14.16475836 | 0.472099298 | 0.476807351 | 55.34279794 | 21.25802147 | 22.96889256 | 6.579362404 | 11.41566342 | 4.511956898 | 22.40386373 | 7.624252398 | 27.67049805 | 23.49476925 | 11.06981519 | 24.05767728 | -1.119866223 | 2.173268195 |
| ENSG00000233818 | 19.72618935 | 8.94E–06 | 0.000299416 | *AP000695.4* | Antisense | 2.187838385 | 1.455478265 | 4.307569288 | 2.58839239 | 2.931313964 | 1.042353987 | 2.745866518 | 0.857434711 | 3.518888625 | 0.156078842 | 2.071012209 | 0.814294314 | 3.588573425 | 1.604162301 | 2.641285729 | 0.420057436 | 2.299159072 | 1.165016877 | 4.014392374 | 2.464417403 | 1.256768653 | 3.030589959 | -1.269879566 | 2.411414346 |
| ENSG00000169508 | 19.68847654 | 9.11E–06 | 0.000303721 | *GPR183* | G protein-coupled receptor 183 | 2.532841851 | 0.477665659 | 1.652499744 | 0 | 1.563472943 | 0.432869563 | 1.412825452 | 0.939094173 | 0.398032703 | 0 | 1.498763012 | 0.868034344 | 1.796643955 | 0.384064253 | 0.25263037 | 0 | 1.506492539 | 0.383063231 | 1.621806084 | 1.347920074 | 0.48327113 | 1.423600865 | -1.558639998 | 2.945760211 |
| ENSG00000144331 | 19.65532519 | 9.27E–06 | 0.000307363 | *ZNF385B* | Zinc finger protein 385B | 4.789972382 | 3.418174451 | 2.941622723 | 0.902530152 | 2.876475084 | 1.276571637 | 2.089500884 | 0.324572315 | 0.529133466 | 0.790648261 | 2.657602591 | 1.569780407 | 2.945645453 | 1.305305307 | 8.786873932 | 1.93263187 | 3.441150193 | 1.289202836 | 3.926880802 | 1.614945123 | 1.442436236 | 3.498485751 | -1.278223071 | 2.425400627 |
| ENSG00000135636 | 19.58922435 | 9.60E–06 | 0.000317552 | *DYSF* | Dysferlin | 2.152684033 | 1.410003946 | 2.442568732 | 0.474828745 | 3.197942173 | 1.485088795 | 3.040967226 | 0.600084029 | 1.805332305 | 1.918947816 | 2.920116935 | 1.399654836 | 0.719753462 | 0.536228397 | 1.738415833 | 1.33051575 | 2.129080046 | 0.579156082 | 0.828880579 | 0.525739344 | 1.026024774 | 2.097574132 | -1.031656233 | 2.044369868 |
| ENSG00000162706 | 19.58612786 | 9.62E–06 | 0.000317552 | *CADM3* | Cell adhesion molecule 3 | 4.572858149 | 0.652742042 | 1.565214577 | 1.316835238 | 3.163291215 | 2.369687406 | 9.162962049 | 2.606953197 | 0.403281283 | 0.241925863 | 5.167611482 | 3.934697446 | 0.885348038 | 0.387356604 | 2.342569012 | 0.270080375 | 1.798960055 | 0.851107482 | 3.816711929 | 1.713308426 | 1.434469408 | 3.287880779 | -1.196640786 | 2.292053606 |
| ENSG00000173530 | 19.52771985 | 9.92E–06 | 0.00032334 | *TNFRSF10D* | Tumor necrosis factor receptor superfamily, member 10d, decoy with truncated death domain | 33.17247264 | 14.50311552 | 15.63687255 | 8.642055759 | 53.10439194 | 8.332501926 | 38.34653317 | 11.46846429 | 36.08294889 | 40.35443501 | 19.30655383 | 14.14571815 | 105.103962 | 21.33443367 | 28.23001465 | 19.89657471 | 33.60556065 | 14.35934149 | 35.97638438 | 25.82326435 | 17.88599049 | 39.85656947 | -1.155987526 | 2.228368035 |
| ENSG00000255364 | 19.47462239 | 1.02E–05 | 0.000329527 | *RP11-94A24.1* | Lincrna | 0.450801174 | 0 | 4.352625223 | 0.607024508 | 7.130391136 | 0.201090355 | 7.003846531 | 0 | 7.324889939 | 1.004491279 | 4.56798657 | 1.676329107 | 6.194337251 | 1.811896063 | 8.49191844 | 4.196236085 | 5.663387762 | 2.065979719 | 6.536866566 | 11.69599481 | 2.325904192 | 5.771705059 | -1.311205907 | 2.481488738 |
| ENSG00000114200 | 19.46893297 | 1.02E–05 | 0.000329583 | *BCHE* | Butyrylcholinesterase | 2.738703341 | 0.630742407 | 2.665626343 | 1.397028973 | 7.625405424 | 1.494547655 | 1.838563783 | 1.173647508 | 0.926928971 | 0.538986961 | 3.268555089 | 4.515754599 | 11.0933613 | 2.562608413 | 2.419844763 | 0.835066666 | 2.19151693 | 0.247932789 | 1.513431739 | 1.05928316 | 1.445559913 | 3.628193768 | -1.327623102 | 2.5098882 |
| ENSG00000040731 | 19.30648152 | 1.11E–05 | 0.000348208 | *CDH10* | Cadherin 10, type 2 (T2-cadherin) | 1.717101975 | 0.513617585 | 2.1794652 | 0.767720389 | 3.667892673 | 0.907159254 | 2.272696533 | 0.378193747 | 1.274356478 | 1.499610815 | 1.078844359 | 0.741565412 | 5.173242993 | 0.321474143 | 0.835539814 | 0.522500669 | 1.363029945 | 0.150260768 | 2.409067087 | 1.333158004 | 0.713526079 | 2.197123706 | -1.622578036 | 3.079247936 |
| ENSG00000114115 | 19.24676198 | 1.15E–05 | 0.000355809 | *RBP1* | Retinol binding protein 1, cellular | 1.930743758 | 1.908020112 | 3.874094359 | 1.304603717 | 2.946351902 | 1.367168961 | 5.970572063 | 1.682407001 | 1.725167121 | 2.108086133 | 2.893320749 | 1.528655504 | 1.138561023 | 0.07907747 | 2.518661834 | 0.682740552 | 2.520439951 | 0.240485408 | 0.93608465 | 0.142779261 | 1.104402412 | 2.645399741 | -1.260219798 | 2.395322314 |
| ENSG00000169432 | 19.23971497 | 1.15E–05 | 0.00035635 | *SCN9A* | Sodium channel, voltage-gated, type IX, alpha subunit | 0.85014846 | 0.400539434 | 1.909362068 | 0.557497947 | 3.162411033 | 0.610289309 | 0.859239 | 0.16886782 | 1.108529339 | 0.404190974 | 0.725516605 | 0.376717208 | 0.983706759 | 0.473079049 | 0.311752106 | 0.473324622 | 0.532930293 | 0.343943725 | 0.622739324 | 0.384844889 | 0.419329498 | 1.106633499 | -1.400021276 | 2.63905474 |
| ENSG00000155629 | 19.16622688 | 1.20E–05 | 0.000366023 | *PIK3AP1* | Phosphoinositide-3-kinase adaptor protein 1 | 2.934527924 | 1.251020041 | 1.355356499 | 0.374438632 | 1.505215354 | 0.604600455 | 3.628832156 | 1.064690108 | 0.282474355 | 0.603531654 | 2.727667927 | 0.962734365 | 2.752284631 | 1.351657355 | 0.580024088 | 0.318406522 | 1.325413518 | 0.423642868 | 1.6748121 | 0.807201072 | 0.776192307 | 1.876660855 | -1.273681914 | 2.41777822 |
| ENSG00000124875 | 19.1538891 | 1.21E–05 | 0.000367784 | *CXCL6* | Chemokine (C-X-C motif) ligand 6 | 1.330225471 | 0.7813201 | 5.566437941 | 1.546762295 | 1.035402917 | 0.440712133 | 5.779380585 | 3.500163446 | 5.532968824 | 2.39526808 | 1.49854091 | 1.031841241 | 14.04451766 | 0.594231284 | 2.444175017 | 0.878859174 | 5.576187739 | 1.016199393 | 13.72742842 | 3.845244181 | 1.603060133 | 5.653526548 | -1.818322527 | 3.526708969 |
| ENSG00000164124 | 19.14419129 | 1.21E–05 | 0.000368434 | *TMEM144* | Transmembrane protein 144 | 4.969606164 | 2.630671828 | 6.460236336 | 4.542366437 | 8.275678245 | 2.458576828 | 5.694605371 | 5.11048809 | 7.633142273 | 5.603849419 | 3.054341377 | 2.60719606 | 8.846995595 | 3.284348505 | 3.624785238 | 2.654684482 | 5.719326031 | 1.787628688 | 18.66441912 | 5.040230713 | 3.572004105 | 7.294313575 | -1.030038482 | 2.042078721 |
| ENSG00000011201 | 19.13419176 | 1.22E–05 | 0.000369299 | *KAL1* | Kallmann syndrome 1 sequence | 0.607311301 | 0.380451629 | 0.84410318 | 0.059551173 | 0.643483594 | 0.216374816 | 3.21615038 | 0.538557251 | 0.27300306 | 0.064067757 | 0.900171409 | 0.076750173 | 0.839694281 | 0.029012206 | 0.451215946 | 0.173579467 | 0.343174699 | 0.17666141 | 0.73572128 | 0.265399347 | 0.198040523 | 0.885402913 | -2.160538457 | 4.470816882 |
| ENSG00000104894 | 19.13340469 | 1.22E–05 | 0.000369299 | *CD37* | CD37 molecule | 5.916165358 | 2.484563944 | 3.626562124 | 0.758704096 | 1.870158825 | 1.343149858 | 7.734660187 | 3.563701994 | 1.346510377 | 1.263084713 | 2.596011997 | 1.835772807 | 5.521172363 | 1.860251339 | 2.352368706 | 0.586544262 | 2.901708449 | 1.070560872 | 7.333594971 | 4.572139222 | 1.93384731 | 4.119891336 | -1.091132397 | 2.130411907 |
| ENSG00000168229 | 19.12334621 | 1.23E–05 | 0.000369436 | *PTGDR* | Prostaglandin D2 receptor (DP) | 0.582084337 | 0.654997236 | 0.801364338 | 0.36774716 | 1.342960129 | 0.152578579 | 1.784484078 | 0.298427366 | 0.454801076 | 0.497980531 | 2.775871334 | 2.084197322 | 2.012747452 | 0.352447465 | 1.357846738 | 0.253324925 | 3.136836223 | 0.572189806 | 1.09903166 | 0.560403408 | 0.57942938 | 1.534802737 | -1.4053485 | 2.648817596 |
| ENSG00000215218 | 19.09084579 | 1.25E–05 | 0.000372706 | *UBE2QL1* | Ubiquitin-conjugating enzyme E2Q family-like 1 | 0.099104699 | 0.025696721 | 0.14532776 | 0 | 0.172010893 | 0.025910597 | 0.140679946 | 0 | 0.025851239 | 0.040734593 | 0.26315813 | 0.013935051 | 0.231427828 | 0.176178551 | 0.024865311 | 0 | 0.181797439 | 0.06279182 | 0.164625346 | 0.08734798 | 0.043259531 | 0.144884859 | -1.743816898 | 3.349200854 |
| ENSG00000232679 | 19.00493857 | 1.30E–05 | 0.000384236 | *RP11-400N13.3* | Lincrna | 51.05709289 | 12.84078087 | 17.61886118 | 9.373429751 | 77.10441548 | 14.95520537 | 38.99958885 | 7.438783634 | 41.57250603 | 32.82642286 | 15.53694606 | 8.709383569 | 105.3321906 | 14.75874426 | 30.93813673 | 26.25466778 | 28.12262789 | 7.568469611 | 48.12992217 | 53.84658598 | 18.85724737 | 45.44122879 | -1.26888275 | 2.409748777 |
| ENSG00000238261 | 18.92980855 | 1.36E–05 | 0.000396485 | *RP11-435B5.5* | Lincrna | 0.778734623 | 0.030122799 | 22.29707107 | 6.069939064 | 18.31007603 | 1.19700269 | 48.37416618 | 13.71031276 | 8.026020639 | 18.86904978 | 11.96640199 | 6.041748655 | 75.85488189 | 14.93351201 | 12.29898886 | 5.3139021 | 5.398453181 | 1.090061357 | 6.875577217 | 0.970714922 | 6.822636614 | 21.01803717 | -1.623226662 | 3.080632658 |
| ENSG00000163687 | 18.80171424 | 1.45E–05 | 0.000416438 | *DNASE1L3* | Deoxyribonuclease I-like 3 | 16.31814961 | 14.34179712 | 9.13411618 | 1.670948193 | 11.46001148 | 6.401457571 | 21.49536875 | 7.978147711 | 5.251455124 | 8.658785247 | 22.66874013 | 10.02084598 | 46.78284039 | 11.01952653 | 27.80777673 | 12.73308464 | 34.93027739 | 9.305263787 | 38.11560787 | 13.65001375 | 9.577987053 | 23.39643436 | -1.288494288 | 2.442729796 |
| ENSG00000047936 | 18.8012952 | 1.45E–05 | 0.000416438 | *ROS1* | C-ros oncogene 1 , receptor tyrosine kinase | 0.246894761 | 0.383691585 | 0.590730303 | 0.152536771 | 0.134368103 | 0.111899882 | 0.344394181 | 0.141374827 | 0.146564177 | 0.060483886 | 0.711100865 | 0.264787161 | 1.035737607 | 0.117555917 | 0.400306594 | 0.240147408 | 0.67286394 | 0.202025946 | 0.942140658 | 0.415918031 | 0.209042141 | 0.522510119 | -1.321665169 | 2.499544425 |
| ENSG00000081237 | 18.60598771 | 1.61E–05 | 0.000448105 | *PTPRC* | Protein tyrosine phosphatase, receptor type, C | 4.237837034 | 3.505924542 | 2.462325048 | 0.236464685 | 2.285106036 | 0.311167096 | 4.332317944 | 1.380631671 | 0.285902783 | 0 | 2.379569234 | 1.656923412 | 5.148064348 | 0.902856392 | 0.715288018 | 0.613635327 | 1.400226891 | 1.106941212 | 2.828023681 | 1.539692357 | 1.125423669 | 2.607466102 | -1.212180286 | 2.316875122 |
| ENSG00000010610 | 18.54116131 | 1.66E–05 | 0.000459068 | *CD4* | CD4 molecule | 5.360406023 | 3.553963041 | 2.633630297 | 0.406224115 | 3.059789195 | 1.179009265 | 6.654999568 | 2.768892882 | 0.778919013 | 1.12844085 | 7.549186769 | 2.060002148 | 4.238773337 | 1.415928524 | 3.044046172 | 0.698259725 | 2.663222641 | 1.053325084 | 3.689993571 | 2.397589707 | 1.666163534 | 3.967296658 | -1.251626272 | 2.381096799 |
| ENSG00000165617 | 18.51673772 | 1.68E–05 | 0.000463593 | *DACT1* | Dishevelled-binding antagonist of beta-catenin 1 | 59.26094291 | 25.52663857 | 69.86974327 | 15.4477454 | 69.27289067 | 7.477957729 | 71.95386643 | 10.20132228 | 45.52950945 | 32.91890354 | 117.6601246 | 66.03099609 | 17.85165277 | 21.48938179 | 79.36947435 | 20.34599542 | 65.87799922 | 32.92270399 | 61.12900791 | 47.39283973 | 27.97544845 | 65.77752116 | -1.233433383 | 2.351258864 |
| ENSG00000173535 | 18.51383029 | 1.69E–05 | 0.000463606 | *TNFRSF10C* | Tumor necrosis factor receptor superfamily, member 10c, decoy without an intracellular domain | 8.264483675 | 3.35835702 | 10.02730461 | 4.534346288 | 10.63752684 | 3.366096125 | 13.75403469 | 7.467292743 | 15.22616324 | 14.5911568 | 4.606993263 | 5.416760873 | 41.5216427 | 5.89085654 | 8.113385522 | 5.513328203 | 8.836987207 | 2.555595078 | 9.956293514 | 4.345432355 | 5.703922203 | 13.09448153 | -1.198932728 | 2.295697778 |
| ENSG00000183748 | 18.5013993 | 1.70E–05 | 0.000465942 | *MRC1L1* | Cdna FLJ56855, highly similar to Macrophage mannose receptor 1 | 3.306407765 | 1.506947903 | 1.602300875 | 0.418881072 | 0.453925387 | 0 | 4.275848861 | 0.658914669 | 0.156476259 | 0.01154123 | 1.643185633 | 1.097232363 | 4.936094541 | 1.222753099 | 0.432038861 | 0.256731964 | 2.515656004 | 1.684836026 | 2.674862111 | 1.131555016 | 0.798939334 | 2.19967963 | -1.461135555 | 2.753249884 |
| ENSG00000249158 | 18.41832922 | 1.77E–05 | 0.000482375 | *PCDHA11* | Protocadherin alpha 11 | 0.273880831 | 0.193784994 | 0.190827366 | 0.042774839 | 0.60107795 | 0.078695605 | 0.408316814 | 0.21446016 | 0.173600328 | 0.306604452 | 0.409056632 | 0.102002353 | 1.426691966 | 0.127938689 | 0.471512803 | 0.133904434 | 0.14120301 | 0.103710685 | 0.299088227 | 0.08131213 | 0.138518834 | 0.439525593 | -1.665865023 | 3.173038493 |
| ENSG00000114013 | 18.15767271 | 2.03E–05 | 0.00054067 | *CD86* | CD86 molecule | 2.054569319 | 1.080263161 | 0.678074655 | 0 | 1.441324172 | 0.495029246 | 2.12225349 | 1.103039202 | 0.06868654 | 0 | 1.224090072 | 0.995609337 | 1.403730965 | 0.574378945 | 0.302234009 | 0.197935883 | 0.791947068 | 0.476321495 | 3.504162137 | 0.46944829 | 0.539202556 | 1.359107242 | -1.333760059 | 2.520587538 |
| ENSG00000177234 | 18.1081007 | 2.09E–05 | 0.000551359 | *C10orf85* | Chromosome 10 open reading frame 85 | 0.258654548 | 0.029916307 | 0.124149834 | 0.029534916 | 0.386417793 | 0 | 0.195059163 | 0.204185591 | 0.160130841 | 0.093825043 | 0.128371643 | 0.224988925 | 0.312703849 | 0.029451225 | 0.234006087 | 0 | 0.302668878 | 0.058849329 | 0.506862341 | 0.030841211 | 0.070159255 | 0.260902498 | -1.894805428 | 3.718718203 |
| ENSG00000110077 | 17.9471864 | 2.27E–05 | 0.000587313 | *MS4A6A* | Membrane-spanning 4-domains, subfamily A, member 6A | 9.541456152 | 1.925077568 | 7.166384918 | 1.621985877 | 3.001274623 | 1.748088262 | 11.941403 | 2.732677036 | 0.416681425 | 1.02099276 | 3.863686385 | 1.825257409 | 10.75185383 | 2.438681633 | 2.356758147 | 1.12505845 | 5.567180705 | 1.311583922 | 5.292416623 | 1.416064092 | 1.716546701 | 5.98990958 | -1.803025117 | 3.489511574 |
| ENSG00000254535 | 17.83022049 | 2.42E–05 | 0.000616724 | *PABPC4L* | Poly(A) binding protein, cytoplasmic 4-like | 0.879452348 | 0.370647108 | 0.753365989 | 0.317982494 | 1.483504386 | 0.891580061 | 1.220998031 | 0.477355151 | 1.522243463 | 0.546947984 | 0.990563709 | 0.662156121 | 1.10614941 | 0.472977887 | 1.185528353 | 0.199136113 | 1.294160831 | 0.538551774 | 0.330731066 | 0.598118317 | 0.507545301 | 1.076669759 | -1.084967307 | 2.12132741 |
| ENSG00000225217 | 17.68247361 | 2.61E–05 | 0.000657385 | *HSPA7* | Heat shock 70kda protein 7 (HSP70B) | 1.158783859 | 0.621859086 | 1.031301243 | 0 | 1.367887352 | 0.274324401 | 1.208737274 | 0.226016233 | 0.237956147 | 0 | 1.096040424 | 1.297716201 | 1.178440502 | 0.344539123 | 0.954550904 | 0.183190782 | 0.741228099 | 0.424962443 | 1.064636793 | 0.43176324 | 0.380437151 | 1.00395626 | -1.399966373 | 2.638954312 |
| ENSG00000128342 | 17.67804835 | 2.62E–05 | 0.000658014 | *LIF* | Leukemia inhibitory factor | 7.378070553 | 0.509264378 | 4.301535373 | 2.200543321 | 7.237578681 | 1.805838627 | 4.437376574 | 1.891890841 | 7.621737887 | 7.797553737 | 1.592501941 | 2.143325168 | 15.34602774 | 1.999768815 | 3.881682737 | 1.654138816 | 4.337836871 | 0.236797648 | 11.03849226 | 1.602264388 | 2.184138574 | 6.717284061 | -1.620813647 | 3.075484377 |
| ENSG00000180318 | 17.60583921 | 2.72E–05 | 0.000677905 | *ALX1* | ALX homeobox 1 | 2.441142994 | 0.136198288 | 3.443766432 | 1.224475921 | 2.038813747 | 0.686335689 | 1.254511513 | 0.489585813 | 0.635851793 | 0.865002987 | 1.324461411 | 1.724608413 | 5.407657392 | 0.313075722 | 0.981301898 | 0.351914595 | 1.787088422 | 0.089654155 | 2.352088768 | 0.141221857 | 0.602207344 | 2.166668437 | -1.847146189 | 3.597877805 |
| ENSG00000184156 | 17.50153021 | 2.87E–05 | 0.000706532 | *KCNQ3* | Potassium voltage-gated channel, KQT-like subfamily, member 3 | 0.778210469 | 0.435334422 | 1.221694407 | 0.309863984 | 0.758320558 | 0.659568926 | 0.621804807 | 0.518208296 | 0.460635551 | 0.174402081 | 0.381537325 | 0.29143097 | 1.501192526 | 0.123144969 | 0.477392231 | 0.340889487 | 0.237940178 | 0.040964375 | 0.775323252 | 0.211695928 | 0.310550344 | 0.72140513 | -1.215982518 | 2.322989314 |
| ENSG00000122254 | 17.36978963 | 3.08E–05 | 0.000747548 | *HS3ST2* | Heparan sulfate (glucosamine) 3-O-sulfotransferase 2 | 2.808126023 | 0.953192614 | 2.448542594 | 0.53536098 | 0.997855308 | 0.710025229 | 6.694184375 | 2.224664932 | 0.409984187 | 0.666833496 | 1.446435088 | 0.746398195 | 8.406622772 | 0.485289957 | 1.596080171 | 0.530595759 | 1.863295593 | 0.488520326 | 1.774881638 | 0.98989121 | 0.83307727 | 2.844600775 | -1.771703972 | 3.414570146 |
| ENSG00000169429 | 17.34593925 | 3.12E–05 | 0.000755654 | *IL8* | Interleukin 8 | 1.953995308 | 1.120287853 | 1.803650798 | 0.797680971 | 7.063944922 | 0.690642913 | 12.11305558 | 3.249436021 | 3.622983925 | 5.306060665 | 3.621995525 | 1.03158504 | 113.0026153 | 0.861844654 | 5.25134287 | 1.009073866 | 6.32460415 | 0.723976087 | 22.32618186 | 3.128819239 | 1.791940731 | 17.70843703 | -3.304842058 | 9.882267154 |
| ENSG00000173372 | 17.31183417 | 3.17E–05 | 0.000767191 | *C1QA* | Complement component 1, q subcomponent, A chain | 10.99686352 | 6.814868146 | 8.376447197 | 1.808218526 | 7.72873087 | 0.630954477 | 17.40273694 | 2.923259014 | 0.787701475 | 1.058502232 | 7.456814364 | 5.018900286 | 17.94856496 | 4.822526718 | 3.965946593 | 1.621896715 | 10.98572342 | 1.045912246 | 5.784014867 | 5.120150505 | 3.086518886 | 9.143354419 | -1.566742924 | 2.962351683 |
| ENSG00000187398 | 17.2913644 | 3.21E–05 | 0.000771555 | *LUZP2* | Leucine zipper protein 2 | 2.320944644 | 0.185986449 | 0.693876891 | 0.186524713 | 0.4266036 | 0.104359421 | 0.1819413 | 0.489163177 | 0.28116107 | 0.093006978 | 1.179655158 | 0.202234175 | 2.871657227 | 0.800815462 | 1.245659095 | 0.190275472 | 0.823264212 | 0.335302484 | 0.603355555 | 0.532045574 | 0.311971391 | 1.062811875 | -1.768400615 | 3.406760707 |
| ENSG00000137673 | 17.23589342 | 3.30E–05 | 0.00078924 | *MMP7* | Matrix metallopeptidase 7 (matrilysin, uterine) | 4.83686328 | 1.913259285 | 1.598361056 | 0.331397808 | 3.434597382 | 2.58771369 | 5.079116838 | 2.373509372 | 0.147101087 | 0 | 10.10478524 | 3.09405447 | 3.15965878 | 0.301481794 | 0.227179052 | 0.212835533 | 1.252048238 | 1.168573779 | 4.138457079 | 3.732560381 | 1.571538611 | 3.397816803 | -1.112430352 | 2.162095655 |
| ENSG00000103569 | 17.20274545 | 3.36E–05 | 0.000800007 | *AQP9* | Aquaporin 9 | 1.396738138 | 1.463969673 | 0.792965335 | 0.177203506 | 1.198888138 | 0.317711679 | 1.346827243 | 0.522893841 | 0.419299321 | 0.12614088 | 0.953551609 | 1.139799588 | 2.837811907 | 0.34967205 | 0.231091251 | 0.164875437 | 0.532880366 | 0.021262769 | 1.376043563 | 0.580900961 | 0.486443038 | 1.108609687 | -1.188408736 | 2.27901234 |
| ENSG00000121966 | 17.17375638 | 3.41E–05 | 0.000810207 | *CXCR4* | Chemokine (C-X-C motif) receptor 4 | 0.29026642 | 0.312368096 | 1.50310999 | 0.436602926 | 0.231886868 | 0.156654763 | 0.687870997 | 0.307182896 | 0.122570452 | 0 | 0.95680631 | 0.236446628 | 1.616191116 | 0.03842855 | 0.762264683 | 0 | 0.482857176 | 0.192271177 | 0.755955833 | 0.336393356 | 0.201634839 | 0.740977984 | -1.877685745 | 3.674850972 |
| ENSG00000118113 | 17.1177229 | 3.51E–05 | 0.000829101 | *MMP8* | Matrix metallopeptidase 8 (neutrophil collagenase) | 0.350694418 | 0.2380066 | 0.052425794 | 0.026920713 | 0.254339812 | 0.050724325 | 0.706569075 | 0.315167917 | 0.552505441 | 0.088885111 | 0.375058058 | 0.343166419 | 1.956782919 | 0.099797748 | 0.43100508 | 0 | 1.18035145 | 0.314552851 | 1.015171628 | 0.235923417 | 0.17131451 | 0.687490367 | -2.00469215 | 4.01303058 |
| ENSG00000158473 | 17.0839532 | 3.58E–05 | 0.000839658 | *CD1D* | CD1d molecule | 0.345260713 | 0.736301373 | 0.835427048 | 0.048487864 | 1.547369976 | 0.223500884 | 0.321393024 | 0.048153509 | 0.517583759 | 0.360116663 | 0.949278814 | 0.264617248 | 0.677189728 | 0.457523449 | 0.381806305 | 0.023515138 | 1.14334636 | 0.576789918 | 0.495870231 | 0.124614878 | 0.286362092 | 0.721452596 | -1.333064077 | 2.519371854 |
| ENSG00000136160 | 17.04724072 | 3.65E–05 | 0.000852812 | *EDNRB* | Endothelin receptor type B | 0.569579461 | 0.343502264 | 2.156147849 | 0.441344614 | 3.507322917 | 0.841708765 | 1.890732408 | 0.151328323 | 1.213302495 | 0.93768892 | 0.708243708 | 0.453635451 | 4.239450801 | 0.188807743 | 0.725250091 | 1.434933601 | 1.112445956 | 0.164698043 | 2.47552466 | 0.152955974 | 0.51106037 | 1.859800035 | -1.863581885 | 3.639100476 |
| ENSG00000139211 | 17.02201018 | 3.69E–05 | 0.000863084 | *AMIGO2* | Adhesion molecule with Ig-like domain 2 | 8.007159303 | 3.356166174 | 9.793921282 | 0.853959893 | 14.71409149 | 1.162489618 | 5.48069991 | 0.979241913 | 4.139214079 | 1.741754246 | 17.80646781 | 2.092601009 | 2.621404817 | 3.786704714 | 7.650998746 | 0.577731346 | 18.86643777 | 4.958467637 | 2.807290673 | 5.109870452 | 2.4618987 | 9.188768587 | -1.900100134 | 3.732391014 |
| ENSG00000172137 | 17.01371588 | 3.71E–05 | 0.000863847 | *CALB2* | Calbindin 2 | 24.51292264 | 0.832546533 | 0.791943488 | 0.543483056 | 1.100124592 | 0.280672502 | 1.453784434 | 0.289348602 | 0.532329641 | 0.919355396 | 4.546580405 | 1.559358095 | 5.691514224 | 1.831489498 | 4.760729704 | 0.704358488 | 7.99669977 | 1.381252607 | 6.476376638 | 3.441091867 | 1.178295664 | 5.786300553 | -2.295939669 | 4.910737371 |
| ENSG00000077092 | 16.93487025 | 3.87E–05 | 0.000888918 | *RARB* | Retinoic acid receptor, beta | 1.600326264 | 0.215809204 | 1.287224453 | 0.129004019 | 0.669937404 | 0.280656979 | 2.525719937 | 0.119301731 | 0.075767555 | 0.055302654 | 2.387672609 | 1.887948019 | 0.68295614 | 0.527595273 | 1.417861675 | 0.471726612 | 0.72339873 | 0.199664554 | 0.505634209 | 0.443435562 | 0.433044461 | 1.187649898 | -1.455522553 | 2.742558803 |
| ENSG00000167850 | 16.91605573 | 3.91E–05 | 0.000894414 | *CD300C* | CD300c molecule | 2.475867967 | 1.463471976 | 0.609883813 | 0.394439218 | 0.162292411 | 0.221722576 | 1.661468996 | 0.214223837 | 0.284089305 | 0.150153299 | 1.725760412 | 0.542819496 | 2.85335906 | 0.57611634 | 1.621520714 | 0.391640878 | 1.310542251 | 1.156696054 | 1.957533969 | 1.057970114 | 0.616925379 | 1.46623189 | -1.248945387 | 2.37667624 |
| ENSG00000179715 | 16.8588794 | 4.03E–05 | 0.000917192 | *PCED1B* | PC-esterase domain containing 1B | 2.487093532 | 0.568292932 | 2.163423257 | 0.661545017 | 1.921796994 | 0.314605517 | 2.53559717 | 0.378479836 | 1.76511931 | 0.505985694 | 2.926492339 | 0.329648999 | 0.312841897 | 0.794327449 | 1.288865045 | 0.8723028 | 1.360810107 | 0.633754943 | 1.136636879 | 0.93907486 | 0.599801805 | 1.789867653 | -1.577295147 | 2.984098479 |
| ENSG00000158714 | 16.80052182 | 4.15E–05 | 0.000940002 | *SLAMF8* | SLAM family member 8 | 2.422140763 | 1.273813729 | 0.672353266 | 0.632998374 | 1.423243913 | 0.457857486 | 2.589226806 | 0.245835804 | 0.352423463 | 0.150553249 | 1.211907255 | 0.716166558 | 1.621255096 | 0.860475714 | 0.775848527 | 0.167741163 | 0.750616177 | 0.240046138 | 1.00281152 | 0.495034523 | 0.524052274 | 1.282182679 | -1.290819192 | 2.446669431 |
| ENSG00000158008 | 16.70489276 | 4.37E–05 | 0.000977742 | *EXTL1* | Exostosin-like glycosyltransferase 1 | 3.40979896 | 1.844696788 | 1.386809282 | 0.165287386 | 1.436439523 | 0.057899311 | 1.386888187 | 0.077402707 | 0.170237428 | 0.146039494 | 2.790099812 | 1.02287193 | 0.940580775 | 0.959855839 | 2.648726286 | 0.761456241 | 1.34338757 | 0.656084339 | 0.953796226 | 0.717571838 | 0.640916587 | 1.646676405 | -1.36134856 | 2.569252283 |
| ENSG00000142185 | 16.6723678 | 4.44E–05 | 0.000991025 | *TRPM2* | Transient receptor potential cation channel, subfamily M, member 2 | 0.963329119 | 0.316918297 | 1.085879584 | 0 | 0.734334705 | 0.191868263 | 0.765619408 | 0.111772038 | 0.177781395 | 0.081177588 | 0.655147185 | 0.55115083 | 2.047750476 | 0.280526704 | 0.25432598 | 0.070346815 | 0.481221656 | 0.008708395 | 0.442983468 | 0.252052852 | 0.186452178 | 0.760837298 | -2.028782321 | 4.080602895 |
| ENSG00000184348 | 16.62409603 | 4.56E–05 | 0.001011652 | *HIST1H2AK* | Histone cluster 1, h2ak | 9.782274128 | 2.783885761 | 5.940834445 | 6.078938616 | 7.281548682 | 2.51910727 | 10.48628493 | 3.099487697 | 9.884801641 | 4.6351994 | 12.33323146 | 2.911382021 | 20.19685453 | 4.157457001 | 5.347418661 | 4.420137894 | 7.91420352 | 3.642791825 | 5.176493786 | 5.763589624 | 4.001197711 | 9.434394578 | -1.237498022 | 2.357892626 |
| ENSG00000260439 | 16.54154006 | 4.76E–05 | 0.001052843 | *LA16c-366D3.1* | Antisense | 2.754216341 | 0.845477665 | 0.873155496 | 0.543606614 | 1.01428967 | 0.203942833 | 1.882998126 | 0.15622361 | 0.690887107 | 0.41318213 | 1.547476853 | 1.320936173 | 1.991238551 | 0.861653495 | 1.639897245 | 1.158241454 | 1.147020823 | 0.797806023 | 1.844997013 | 1.341035337 | 0.764210533 | 1.538617722 | -1.009592783 | 2.013342731 |
| ENSG00000261295 | 16.44812172 | 5.00E–05 | 0.001100866 | *RP11-524D16\_\_A.3* | Antisense | 14.54777445 | 3.459562742 | 3.994641014 | 6.121358769 | 5.476081159 | 4.2513348 | 5.768229129 | 2.145363914 | 9.064423324 | 6.45436771 | 4.036060355 | 2.520396009 | 13.6631496 | 2.656950144 | 8.174239591 | 3.234484365 | 9.174247973 | 1.022806683 | 11.6773645 | 5.783580063 | 3.76502052 | 8.55762111 | -1.184552077 | 2.272928146 |
| ENSG00000255310 | 16.43355465 | 5.04E–05 | 0.001105228 | *AF131215.2* | Sense intronic | 0.764937844 | 0.210224027 | 1.369566522 | 0.422883886 | 2.222994469 | 0.701549072 | 2.645446657 | 1.205984243 | 0.707316978 | 0.451765105 | 0.563741953 | 0.077596845 | 3.295287099 | 0.068633209 | 0.476745648 | 0.099696005 | 1.76857523 | 0.136925594 | 0.19088344 | 0.437729757 | 0.381298774 | 1.400549584 | -1.876999262 | 3.67310277 |
| ENSG00000153233 | 16.42029008 | 5.07E–05 | 0.001111661 | *PTPRR* | Protein tyrosine phosphatase, receptor type, R | 1.710444346 | 1.059000001 | 2.525745117 | 0.852385502 | 2.099443576 | 0.801794473 | 3.469729829 | 1.034002071 | 1.167952173 | 1.589506911 | 0.864959782 | 0.46793163 | 5.12457473 | 1.413724125 | 2.435048601 | 1.04988446 | 1.259514341 | 0.981392807 | 1.429653261 | 1.686968045 | 1.093659003 | 2.208706576 | -1.014038788 | 2.019556891 |
| ENSG00000156466 | 16.40752251 | 5.11E–05 | 0.00111784 | *GDF6* | Growth differentiation factor 6 | 5.120532898 | 0.810919284 | 6.255399559 | 2.54810034 | 3.993353366 | 1.534979095 | 6.480697711 | 1.231653898 | 5.401728808 | 6.285823315 | 11.59641665 | 2.698076742 | 2.723602088 | 2.641722179 | 9.762900299 | 5.402729512 | 12.38312457 | 4.882659614 | 3.097909547 | 3.434142763 | 3.147080674 | 6.68156655 | -1.086172232 | 2.123099863 |
| ENSG00000125845 | 16.29304582 | 5.43E–05 | 0.001176226 | *BMP2* | Bone morphogenetic protein 2 | 1.799874944 | 1.139159539 | 1.472724295 | 0.800715336 | 4.117894539 | 1.094196324 | 5.175577782 | 2.401296122 | 2.486065505 | 2.741060513 | 0.752482795 | 0.331661849 | 23.6233446 | 0.593401692 | 1.897099737 | 0.703178668 | 2.466627986 | 0.446740508 | 2.694153988 | 1.015869997 | 1.126728055 | 4.648584617 | -2.044652166 | 4.12573788 |
| ENSG00000103044 | 16.18896692 | 5.73E–05 | 0.00122815 | *HAS3* | Hyaluronan synthase 3 | 1.34883096 | 0.94840028 | 0.744746281 | 0.681224304 | 1.974711126 | 0.616833476 | 2.410185293 | 0.269872634 | 1.136379257 | 0.72249325 | 2.702067103 | 1.539519316 | 0.637318566 | 0.540530216 | 1.57151021 | 0.672868709 | 1.009762372 | 0.576837259 | 1.559618909 | 0.942544294 | 0.751112374 | 1.509513008 | -1.006982518 | 2.009703288 |
| ENSG00000203710 | 16.13586732 | 5.90E–05 | 0.00125574 | *CR1* | Complement component (3b/4b) receptor 1 (Knops blood group) | 0.327909535 | 0.594785882 | 0.38124318 | 0.073924908 | 0.206735102 | 0.125762054 | 0.359446391 | 0.129872484 | 0.179945284 | 0.096687297 | 0.21211393 | 0.081618361 | 0.795009558 | 0.10321705 | 0.279490092 | 0.155498834 | 0.278537784 | 0.118109921 | 0.411146506 | 0.070091703 | 0.154956849 | 0.343157736 | -1.147005354 | 2.214537388 |
| ENSG00000101916 | 15.86906951 | 6.79E–05 | 0.001401867 | *TLR8* | Toll-like receptor 8 | 0.591694952 | 0.455412004 | 0.122835393 | 0.019171142 | 0.191618558 | 0.105061525 | 0.485804301 | 0.161794771 | 0.087162707 | 0 | 0.324391091 | 0.084825273 | 0.310610153 | 0.161680002 | 0.12232165 | 0.154583809 | 0.133165558 | 0.092544136 | 0.788049719 | 0.202442073 | 0.143751474 | 0.315765408 | -1.135276389 | 2.196606409 |
| ENSG00000257178 | 15.79448975 | 7.06E–05 | 0.0014404 | *MIR10A* | Microrna 10a | 0.299185224 | 0.303418141 | 0.314181791 | 0.179697829 | 0.352598912 | 0.269660968 | 0.349839374 | 0.079948887 | 0.300089853 | 0.083638933 | 0.394132969 | 0.129489641 | 0.382661004 | 0.179005895 | 0.138222339 | 0 | 0.431628963 | 0 | 0.234212081 | 0.187680107 | 0.14125404 | 0.319675251 | -1.178314925 | 2.263122887 |
| ENSG00000141506 | 15.77650171 | 7.13E–05 | 0.001449329 | *PIK3R5* | Phosphoinositide-3-kinase, regulatory subunit 5 | 2.135455239 | 0.821052321 | 1.413001823 | 0.536462642 | 1.08713181 | 0.45972956 | 2.364256348 | 0.448861639 | 0.274071784 | 0 | 1.199813791 | 0.736225588 | 1.717929619 | 0.735636097 | 0.645293658 | 0.231796057 | 1.394411777 | 0.977509031 | 1.935645964 | 1.031335258 | 0.597860819 | 1.416701181 | -1.244653917 | 2.369617035 |
| ENSG00000241697 | 15.74787428 | 7.24E–05 | 0.001468175 | *TMEFF1* | Transmembrane protein with EGF-like and two follistatin-like domains 1 | 7.059375657 | 0.862624014 | 1.173149744 | 1.048011369 | 5.553140321 | 3.79882533 | 7.291728652 | 0.391244354 | 1.585135681 | 1.824290198 | 10.32198494 | 1.993866297 | 9.350482442 | 1.682939398 | 1.854632817 | 1.758040031 | 2.579050501 | 1.498525233 | 9.65429719 | 1.953012819 | 1.681137904 | 5.642297794 | -1.746844738 | 3.356237332 |
| ENSG00000231453 | 15.72161665 | 7.34E–05 | 0.001482146 | *AC018470.4* | Lincrna | 0.158049694 | 0.167921794 | 0.929558404 | 0.26279771 | 0.216490793 | 0.222166246 | 0.362480207 | 0.295781504 | 0.651367306 | 0.477439309 | 0.393430797 | 0.125077155 | 0.954676955 | 0.147906328 | 0.746974619 | 0.382305326 | 1.058458797 | 0.114668117 | 0.139697199 | 0.067775501 | 0.226383899 | 0.561118477 | -1.309534067 | 2.478614777 |
| ENSG00000064655 | 15.67466512 | 7.52E–05 | 0.001507405 | *EYA2* | Eyes absent homolog 2 (Drosophila) | 7.79366707 | 4.301635806 | 5.644457905 | 3.150941929 | 3.849225184 | 4.281651818 | 3.131954076 | 1.949468402 | 0.860322266 | 0.633327287 | 6.314970103 | 1.031765401 | 5.107154918 | 2.147548887 | 17.54787855 | 1.934796241 | 7.390621573 | 2.764901246 | 6.910392978 | 1.738072599 | 2.393410962 | 6.455064462 | -1.431363366 | 2.697014665 |
| ENSG00000184060 | 15.65585343 | 7.60E–05 | 0.001515408 | *ADAP2* | Arfgap with dual PH domains 2 | 3.9519732 | 1.258627002 | 1.367901541 | 0.940551086 | 1.358925284 | 0.84449862 | 3.564007389 | 0.527641571 | 0.383192709 | 0.429013177 | 2.068313502 | 1.54935143 | 2.532517932 | 0.471870162 | 1.143650086 | 0.777930513 | 2.830130156 | 1.074079853 | 1.68061338 | 0.655393722 | 0.852895713 | 2.088122518 | -1.291765109 | 2.448274138 |
| ENSG00000267481 | 15.60571478 | 7.80E–05 | 0.001546888 | *CTC-559E9.5* | Sense intronic | 3.45352889 | 2.089399872 | 1.63406519 | 2.030085445 | 2.798351573 | 1.762556592 | 5.375915652 | 1.030804912 | 3.781290249 | 2.376467396 | 2.135393218 | 1.419536412 | 2.34382442 | 1.742862812 | 2.896590146 | 0.811538357 | 3.168638092 | 1.559592248 | 4.361215362 | 1.075426354 | 1.58982704 | 3.194881279 | -1.006892501 | 2.009577897 |
| ENSG00000226453 | 15.5363668 | 8.09E–05 | 0.001596062 | *RP11-379B8.1* | Lincrna | 1.529902125 | 0.83410347 | 1.107394537 | 0.211231781 | 0.598923539 | 0 | 1.046554917 | 0.7207322 | 0.840501034 | 0 | 0.675746745 | 0.340944895 | 1.878510098 | 0.312209724 | 1.481525216 | 0 | 1.473226979 | 0.105934944 | 0.226475957 | 0.791513562 | 0.331667058 | 1.085876115 | -1.711051888 | 3.273994476 |
| ENSG00000270562 | 15.47109343 | 8.38E–05 | 0.001643313 | *RP11-154H23.3* | Lincrna | 0.693624679 | 0.232125272 | 0.799431892 | 0.348528231 | 0.599602167 | 0.259516276 | 0.674708117 | 0.283312708 | 0.542675134 | 0.217827749 | 0.959167623 | 0.321025123 | 0.244131551 | 0.226497801 | 0.752995056 | 0.136126983 | 0.569412007 | 0.422223738 | 0.628364044 | 0.489560306 | 0.293674419 | 0.646411227 | -1.138234653 | 2.2011152 |
| ENSG00000000938 | 15.46058007 | 8.42E–05 | 0.001648956 | *FGR* | Feline Gardner-Rasheed sarcoma viral oncogene homolog | 3.940533809 | 2.023043918 | 0.727896604 | 0.871752035 | 1.840637777 | 0.466021989 | 4.980454168 | 2.570936729 | 0.133463042 | 0.173477642 | 1.2900102 | 0.896049046 | 4.443915105 | 0.702364044 | 0.664270827 | 0.33627597 | 1.830758876 | 0.527798841 | 2.087707555 | 1.163856689 | 0.97315769 | 2.193964796 | -1.172794874 | 2.254480253 |
| ENSG00000196611 | 15.4047719 | 8.68E–05 | 0.001687582 | *MMP1* | Matrix metallopeptidase 1 (interstitial collagenase) | 145.7362967 | 47.65167205 | 30.71800991 | 23.79905024 | 186.7156438 | 42.99841784 | 79.50515382 | 23.23582852 | 84.29403378 | 95.85773565 | 128.46907 | 162.8313785 | 957.6675814 | 105.5748254 | 155.3378723 | 104.5090385 | 591.036766 | 77.71771457 | 273.492976 | 144.1736632 | 82.83493246 | 263.2973404 | -1.668381746 | 3.178578561 |
| ENSG00000169413 | 15.39955269 | 8.70E–05 | 0.001690458 | *RNASE6* | Ribonuclease, rnase A family, k6 | 6.189156643 | 2.263911123 | 1.678382734 | 0.146528337 | 3.454850727 | 0.145973357 | 3.154093625 | 1.576522169 | 0 | 0.077114144 | 3.237645136 | 1.107233957 | 3.36233818 | 0.5750772 | 1.152184696 | 0.355830396 | 2.193035148 | 0.655243722 | 5.210485947 | 2.646746699 | 0.95501811 | 2.963217284 | -1.633564422 | 3.102786483 |
| ENSG00000163735 | 15.36601213 | 8.86E–05 | 0.001708081 | *CXCL5* | Chemokine (C-X-C motif) ligand 5 | 1.444546911 | 1.089103514 | 1.085698302 | 0.719775899 | 1.770194375 | 1.140444762 | 5.957939045 | 1.48679887 | 4.415400953 | 4.778098632 | 5.609369329 | 1.957295134 | 41.07264644 | 1.115150052 | 4.981996411 | 2.583977981 | 21.79820204 | 1.189522942 | 18.92454663 | 2.256143581 | 1.831631137 | 10.70605404 | -2.54722594 | 5.84509284 |
| ENSG00000168675 | 15.31938407 | 9.08E–05 | 0.001734365 | *LDLRAD4* | Low density lipoprotein receptor class A domain containing 4 | 3.558262977 | 3.868018058 | 3.935716311 | 1.992754686 | 4.184328583 | 0.410143995 | 6.044602789 | 1.231256931 | 2.046551033 | 2.573948393 | 5.977883503 | 3.104357351 | 4.026923925 | 2.718531671 | 6.65535623 | 2.528346134 | 6.871074517 | 2.0820264 | 2.41337676 | 1.021305929 | 2.153068955 | 4.571407663 | -1.086243955 | 2.123205414 |
| ENSG00000120328 | 15.27198277 | 9.31E–05 | 0.001769232 | *PCDHB12* | Protocadherin beta 12 | 0.090351576 | 0.132020249 | 0.372693332 | 0.196738783 | 0.273131738 | 0.249763687 | 0.901321711 | 0.269928814 | 0.26761087 | 0.086960783 | 0.195880649 | 0.029141898 | 0.657687939 | 0.161870794 | 0.286477658 | 0.140717242 | 0.655937007 | 0.273625636 | 0.438652978 | 0.080710016 | 0.16214779 | 0.413974546 | -1.352232701 | 2.553069305 |
| ENSG00000069122 | 15.26248747 | 9.36E–05 | 0.001772643 | *GPR116* | G protein-coupled receptor 116 | 12.54803769 | 1.199583154 | 1.406509665 | 0.306996452 | 3.10757296 | 0.470111025 | 6.207977375 | 0.687325984 | 1.057282724 | 0.459493964 | 5.000192073 | 2.450063073 | 1.546028352 | 2.569610686 | 2.971047872 | 0.997277047 | 2.291956437 | 1.363164976 | 0.650804478 | 0.835111355 | 1.133873772 | 3.678740962 | -1.697952051 | 3.244400792 |
| ENSG00000244586 | 15.25795957 | 9.38E–05 | 0.001775066 | *WNT5A-AS1* | WNT5A antisense RNA 1 | 8.071875081 | 7.24488329 | 7.520811351 | 3.336033826 | 9.520059455 | 3.044571192 | 10.9665155 | 2.245914874 | 13.85305951 | 3.515892583 | 8.531793428 | 6.309533676 | 4.491515358 | 3.582045232 | 9.558867238 | 3.239745753 | 6.125766967 | 1.846630326 | 2.771162677 | 4.418772647 | 3.87840234 | 8.141142656 | -1.069768825 | 2.099096985 |
| ENSG00000171208 | 15.19880921 | 9.68E–05 | 0.001824019 | *NETO2* | Neuropilin (NRP) and tolloid (TLL)-like 2 | 5.043468101 | 1.440462055 | 2.005228995 | 0.581933733 | 2.015235891 | 1.119096893 | 5.540128288 | 0.986467523 | 1.397800639 | 1.388711697 | 2.220467482 | 2.524242338 | 6.319070849 | 2.091022833 | 2.365288725 | 1.652366362 | 4.279521425 | 1.44888671 | 1.93387297 | 2.031833782 | 1.526502393 | 3.312008337 | -1.117476453 | 2.169671238 |
| ENSG00000112799 | 15.16310287 | 9.86E–05 | 0.001847458 | *LY86* | Lymphocyte antigen 86 | 1.139952274 | 1.206713387 | 3.446252276 | 0.197591949 | 2.610654161 | 0 | 4.954312628 | 1.177903938 | 0 | 0 | 1.277231437 | 1.024116126 | 1.714789389 | 0.393018927 | 1.010157532 | 0 | 1.531952732 | 0.201549826 | 2.453753474 | 1.725077996 | 0.592597215 | 2.01390559 | -1.764872302 | 3.398439175 |
| ENSG00000185275 | 15.08411076 | 0.000102825 | 0.00191665 | *CD24P4* | CD24 molecule pseudogene 4 | 15.17103012 | 13.49998833 | 17.95393549 | 3.972053102 | 20.87673665 | 9.769874633 | 85.97011605 | 14.81376979 | 3.117211445 | 9.866404313 | 2.826152964 | 1.420825141 | 123.0603871 | 13.24620811 | 21.28265048 | 5.009913691 | 23.89413973 | 0 | 39.21510324 | 9.510442042 | 8.110947915 | 35.33674633 | -2.123226773 | 4.35667282 |
| ENSG00000174325 | 15.06124894 | 0.000104078 | 0.001932989 | *DIRC1* | Disrupted in renal carcinoma 1 | 0.845574183 | 0.580395177 | 0.687000047 | 0.166303572 | 2.102255483 | 0.990737246 | 3.121639483 | 2.020767273 | 1.465445123 | 1.40457898 | 0.177714002 | 0.090589721 | 4.654071828 | 0.325371748 | 0.570498062 | 0.240723157 | 0.653000743 | 0.245066296 | 2.410134024 | 0.173326591 | 0.623785976 | 1.668733298 | -1.419630374 | 2.675169629 |
| ENSG00000137726 | 15.05646272 | 0.000104342 | 0.001935077 | *FXYD6* | FXYD domain containing ion transport regulator 6 | 3.89853985 | 1.383251316 | 1.374588237 | 1.012547021 | 1.766809756 | 0.316932557 | 5.808054541 | 2.742195943 | 1.504170693 | 1.126520971 | 2.16531347 | 1.673344133 | 4.319534079 | 0.98906336 | 1.529080946 | 0.902133618 | 2.188014216 | 0.91827279 | 3.883809006 | 1.378247172 | 1.244250888 | 2.843791479 | -1.192538267 | 2.285545067 |
| ENSG00000012779 | 14.95596177 | 0.00011005 | 0.002004478 | *ALOX5* | Arachidonate 5-lipoxygenase | 2.734134161 | 1.438297599 | 1.209917751 | 0.075274314 | 2.692064246 | 0.374131263 | 1.073317137 | 0.201483893 | 0.053523665 | 0.052860076 | 1.700708055 | 0.625340877 | 1.269587848 | 0.498541386 | 1.593853703 | 0 | 0.571159226 | 0.2958804 | 1.226211986 | 0.947192613 | 0.450900242 | 1.412447778 | -1.647317338 | 3.132506141 |
| ENSG00000166246 | 14.94558181 | 0.000110657 | 0.002013538 | *C16orf71* | Chromosome 16 open reading frame 71 | 2.97941323 | 1.410648186 | 1.327609783 | 0.411291394 | 1.614711494 | 0.491575064 | 3.44526706 | 0.477677161 | 2.603183091 | 3.059819209 | 2.210824005 | 0.425650075 | 0.599999255 | 0.298712279 | 0.418319524 | 0.837142567 | 0.616497045 | 0.282492213 | 1.993556976 | 0.370614035 | 0.806562218 | 1.780938146 | -1.142779679 | 2.208060464 |
| ENSG00000104725 | 14.92037631 | 0.000112145 | 0.002032562 | *NEFL* | Neurofilament, light polypeptide | 1.179595337 | 0.529535946 | 0.988951101 | 0.960328273 | 4.041323895 | 0.797692601 | 3.132589077 | 0.228180512 | 3.238963651 | 3.158758757 | 0.351771175 | 0.354858059 | 22.51308207 | 0.413158085 | 1.673578729 | 0.502781716 | 0.865684677 | 0.171999137 | 1.618022273 | 0.464183788 | 0.758147687 | 3.960356198 | -2.385079375 | 5.223726542 |
| ENSG00000163737 | 14.89324168 | 0.00011377 | 0.002058717 | *PF4* | Platelet factor 4 | 0.930610841 | 1.98377013 | 1.433886901 | 0.335254229 | 1.897394222 | 0.502105982 | 2.612406902 | 0.656974067 | 0.49443858 | 0 | 1.804706169 | 0.35035204 | 0.938664722 | 0.666544899 | 1.022018838 | 0.689101127 | 6.224761703 | 1.53375186 | 5.949658331 | 0.454627692 | 0.717248203 | 2.330854721 | -1.700314733 | 3.249718455 |
| ENSG00000100055 | 14.89176519 | 0.000113859 | 0.002058717 | *CYTH4* | Cytohesin 4 | 5.650758126 | 0.918022581 | 0.908910166 | 0.08978642 | 1.495540149 | 1.088460214 | 3.106234004 | 1.513969422 | 0.521483593 | 0.274918516 | 2.120945502 | 0.626266243 | 3.060887303 | 1.789566753 | 0.701742527 | 0.114660576 | 3.42781816 | 2.017177583 | 1.694729092 | 0.9280233 | 0.936085161 | 2.268904862 | -1.277284426 | 2.423823128 |
| ENSG00000203812 | 14.8395702 | 0.000117054 | 0.002106964 | *HIST2H2AA4* | Histone cluster 2, h2aa4 | 106.1434832 | 49.36082294 | 23.5604177 | 16.30114419 | 57.96366838 | 24.608702 | 29.3676481 | 37.56880556 | 70.17712652 | 46.57545043 | 58.27323268 | 27.66486298 | 302.1756222 | 41.60116086 | 70.56264738 | 43.35046333 | 79.11019681 | 27.78885772 | 132.0164797 | 88.0505952 | 40.28708652 | 92.93505226 | -1.205905363 | 2.306819884 |
| ENSG00000269918 | 14.62906771 | 0.00013088 | 0.002301686 | *AF131215.9* | Sense intronic | 0.039197465 | 0.067781216 | 0.540095276 | 0.170718636 | 0.316551932 | 0.171274995 | 1.353146645 | 0.171167826 | 0.207247768 | 0.470452966 | 0.364180628 | 0.152738102 | 0.882102257 | 0.10133608 | 0.263382904 | 0 | 0.507411041 | 0.033161125 | 0.329615363 | 0.066779082 | 0.140541003 | 0.480293128 | -1.77292407 | 3.417459096 |
| ENSG00000159261 | 14.62578943 | 0.000131108 | 0.002303487 | *CLDN14* | Claudin 14 | 0.695211712 | 0.985337591 | 0.352574938 | 0.841400927 | 0.739314085 | 0.048879474 | 0.363358332 | 0.202785091 | 1.581954717 | 0.243042177 | 0.736490634 | 0.099826278 | 0.479510615 | 0.09155759 | 0.981106516 | 0.060319155 | 0.58588169 | 0.143826552 | 0.826389226 | 0.374158115 | 0.309113295 | 0.734179247 | -1.247996628 | 2.37511378 |
| ENSG00000261208 | 14.55556931 | 0.000136086 | 0.002363799 | *RP11-452D12.1* | Pseudogene | 0.486435599 | 0.105352147 | 0.181413642 | 0 | 0.212924553 | 0.070325627 | 0.510151506 | 0.104148483 | 0 | 0 | 0.566280284 | 0.349133188 | 0.561576339 | 0.172579382 | 0.068349337 | 0.067030801 | 0.835462946 | 0.138133515 | 0.847418888 | 0.203645549 | 0.121034869 | 0.427001309 | -1.818817758 | 3.527919784 |
| ENSG00000104267 | 14.4860795 | 0.000141199 | 0.002443371 | *CA2* | Carbonic anhydrase II | 1.140158918 | 1.422393156 | 0.51755403 | 0.190875621 | 1.592624916 | 0.308576306 | 1.473460587 | 0.943952596 | 0.278672864 | 0 | 1.035571752 | 0.495301061 | 1.594109412 | 0.340987113 | 1.161512112 | 0.185037414 | 0.772452823 | 0.075547551 | 1.785353839 | 1.300915481 | 0.52635863 | 1.135147125 | -1.108761288 | 2.156603997 |
| ENSG00000133561 | 14.40612254 | 0.000147323 | 0.00252789 | *GIMAP6* | Gtpase, IMAP family member 6 | 0.150447981 | 0.160919147 | 0.418331212 | 0.080352007 | 0.175753508 | 0.015735445 | 0.11833098 | 0.39723792 | 0.032048184 | 0 | 0.613667013 | 0 | 0.503957316 | 0.107236818 | 0.449404261 | 0.081143991 | 0.234778737 | 0.081050397 | 1.202644151 | 0.094164884 | 0.101784061 | 0.389936334 | -1.937726933 | 3.831015688 |
| ENSG00000183715 | 14.33872812 | 0.000152691 | 0.002603088 | *OPCML* | Opioid binding protein/cell adhesion molecule-like | 4.143689692 | 1.590592019 | 5.017873857 | 1.313902076 | 1.799495014 | 0.067196309 | 3.9807275 | 1.858378487 | 0.939762822 | 0.900802207 | 1.807967588 | 0.308007486 | 3.384220252 | 1.221381265 | 0.860939654 | 1.121454236 | 1.039223739 | 0.326964644 | 1.430427378 | 1.364106457 | 1.007278519 | 2.44043275 | -1.276674344 | 2.422798367 |
| ENSG00000244040 | 14.25486196 | 0.000159648 | 0.002699019 | *IL12A-AS1* | IL12A antisense RNA 1 | 0.642800874 | 1.151082121 | 1.39681955 | 0.931941188 | 1.47316316 | 0.098025142 | 3.932287232 | 0.49678674 | 2.999035666 | 0.294479491 | 0.488909687 | 1.142495816 | 1.266126518 | 0.526392869 | 1.444940983 | 0.200635468 | 3.241200538 | 0.546258019 | 3.31254651 | 1.516809869 | 0.690490672 | 2.019783072 | -1.548506523 | 2.925141719 |
| ENSG00000108511 | 14.13143824 | 0.000170471 | 0.002860104 | *HOXB6* | Homeobox B6 | 31.43206415 | 13.78066834 | 33.33386893 | 19.25582256 | 37.96166645 | 10.13288799 | 31.48774101 | 17.60657958 | 21.98975851 | 2.526894584 | 35.67683632 | 13.98364897 | 38.92512475 | 13.51152533 | 44.05204043 | 0.370477924 | 46.16396839 | 0.502149112 | 25.6816516 | 26.00496727 | 11.76756216 | 34.67047206 | -1.558892005 | 2.946274816 |
| ENSG00000239014 | 14.08419622 | 0.000174806 | 0.002917677 | *SNORD108* | Small nucleolar RNA, C/D box 108 | 25.86158312 | 5.167835836 | 28.07737013 | 14.1928061 | 16.60902137 | 9.177759923 | 35.52432791 | 22.49285388 | 15.21387449 | 12.76603634 | 17.96567735 | 6.736050394 | 77.3318015 | 9.905430529 | 23.56964753 | 29.69780365 | 45.85873558 | 5.505090016 | 21.37394042 | 13.23919913 | 12.88808658 | 30.73859794 | -1.254013271 | 2.385039684 |
| ENSG00000247095 | 13.9969517 | 0.000183107 | 0.003025967 | *MIR210HG* | MIR210 host gene (non-protein coding) | 10.31712133 | 9.802353612 | 18.27740732 | 1.215792377 | 25.9012127 | 5.666362463 | 30.09537381 | 9.887084052 | 21.29190362 | 12.42458231 | 10.90636726 | 8.551018745 | 15.27781508 | 3.220690264 | 18.76271905 | 6.759790758 | 14.44237666 | 7.839877705 | 7.283768238 | 11.14279558 | 7.651034787 | 17.25560651 | -1.173338395 | 2.255329767 |
| ENSG00000208035 | 13.97304005 | 0.000185451 | 0.003045508 | *MIR143* | Microrna 143 | 3.082904932 | 4.011596273 | 19.70831575 | 8.010450296 | 26.37689292 | 7.316643233 | 24.83201175 | 6.076588616 | 9.082612742 | 0 | 49.87994173 | 9.399069273 | 1.815434957 | 2.622582658 | 13.1964066 | 3.318682181 | 22.89972413 | 5.11663468 | 0 | 0 | 4.587224721 | 17.08742455 | -1.897241478 | 3.725002718 |
| ENSG00000160321 | 13.96459209 | 0.000186286 | 0.00305649 | *ZNF208* | Zinc finger protein 208 | 1.54349399 | 0.925587588 | 0.890045788 | 1.235312289 | 2.382065449 | 0.512954403 | 4.180400922 | 0.876258355 | 0.620375822 | 1.623441919 | 4.646139756 | 1.055949013 | 4.495112843 | 0.463209327 | 2.25634708 | 0.502706339 | 0.52125569 | 0.127097021 | 2.794309545 | 0.432543346 | 0.77550596 | 2.432954689 | -1.649499678 | 3.137248215 |
| ENSG00000140968 | 13.8130181 | 0.000201932 | 0.003263623 | *IRF8* | Interferon regulatory factor 8 | 1.351705193 | 1.392994586 | 0.727912653 | 0.151259144 | 0.920859669 | 0.210221905 | 2.088164013 | 0.708910945 | 0.257700033 | 0 | 1.796258311 | 0.973154736 | 2.298211488 | 0.369157609 | 0.646261209 | 0.484430345 | 0.741391365 | 0.742439518 | 1.764281174 | 0.887449997 | 0.592001879 | 1.259274511 | -1.088919153 | 2.12714614 |
| ENSG00000111679 | 13.75649252 | 0.0002081 | 0.003342714 | *PTPN6* | Protein tyrosine phosphatase, non-receptor type 6 | 4.295044655 | 3.29623585 | 1.977923125 | 0.799094518 | 2.336599055 | 0.744037568 | 7.7615802 | 2.712881862 | 0.928296968 | 0.51092097 | 3.209657675 | 2.50121665 | 2.748384178 | 1.383633986 | 2.261452264 | 0.166202624 | 1.438034324 | 1.470419922 | 8.398349211 | 3.161611425 | 1.674625538 | 3.535532165 | -1.078088853 | 2.111237459 |
| ENSG00000231632 | 13.71476417 | 0.000212775 | 0.003399959 | *RP11-82L18.4* | Lincrna | 4.388876788 | 0.338479947 | 10.0066647 | 7.368736602 | 7.114811231 | 5.524590145 | 10.74371821 | 9.52184476 | 20.33556061 | 12.44446691 | 6.392510901 | 0.353323336 | 12.19653703 | 0.35171869 | 0.737116185 | 0 | 3.822403426 | 2.189706469 | 6.816581917 | 2.318649775 | 4.041151664 | 8.2554781 | -1.030585272 | 2.042852827 |
| ENSG00000105967 | 13.57858378 | 0.000228781 | 0.003583972 | *TFEC* | Transcription factor EC | 1.530329871 | 0.680373442 | 0.510993178 | 0.010518408 | 0.423522646 | 0.192847256 | 1.313083571 | 0.802118449 | 0.117993356 | 0.262254451 | 0.841342309 | 0.438283615 | 1.934481241 | 0.382032577 | 0.313962805 | 0.282886577 | 0.505071022 | 0.140703468 | 2.091796643 | 0.323080897 | 0.351509914 | 0.958257664 | -1.446848253 | 2.726118457 |
| ENSG00000163328 | 13.54950649 | 0.000232353 | 0.003621385 | *GPR155* | G protein-coupled receptor 155 | 2.636403959 | 2.862017213 | 10.21079731 | 3.778974309 | 5.495390957 | 3.019459425 | 8.235176403 | 2.585609523 | 3.063473312 | 3.755241394 | 2.387336904 | 2.369142157 | 3.98378437 | 1.841995251 | 2.579320966 | 1.754255727 | 3.22500524 | 1.710042736 | 14.7350316 | 1.684738718 | 2.536147645 | 5.655172103 | -1.156932194 | 2.229827634 |
| ENSG00000120075 | 13.45694923 | 0.0002441 | 0.003762958 | *HOXB5* | Homeobox B5 | 10.49102745 | 3.12603654 | 5.523765548 | 3.60816815 | 5.598429699 | 1.771121336 | 4.91039012 | 2.821964498 | 2.742695757 | 0.957403539 | 4.596305519 | 7.518480642 | 7.470684147 | 4.686778732 | 6.370420455 | 0.349999235 | 7.788190051 | 0.279612671 | 7.541969327 | 3.762798808 | 2.888236415 | 6.303387807 | -1.125938587 | 2.18243485 |
| ENSG00000175471 | 13.40592119 | 0.000250831 | 0.003850553 | *MCTP1* | Multiple C2 domains, transmembrane 1 | 3.132479445 | 0.950321459 | 4.159809978 | 0.387720217 | 2.633879443 | 0.637704139 | 3.431237214 | 1.385897587 | 0.681605062 | 1.157098878 | 1.261658119 | 0.893132564 | 2.517423611 | 0.54918568 | 0.830092612 | 1.0310459 | 1.546282928 | 0.798934374 | 2.161776812 | 1.040033273 | 0.883107407 | 2.235624522 | -1.340017085 | 2.531543167 |
| ENSG00000260027 | 13.38860565 | 0.000253158 | 0.003871057 | *HOXB7* | Homeobox B7 | 44.48638189 | 10.37137542 | 31.10558689 | 19.56159389 | 20.47770979 | 12.26137486 | 23.93433 | 16.43916372 | 12.66138605 | 0.284668759 | 32.10895959 | 13.6758365 | 24.53594498 | 8.812672088 | 31.91792189 | 0 | 30.2714785 | 0.134538084 | 26.34784862 | 12.74433945 | 9.428556277 | 27.78475482 | -1.559184726 | 2.946872671 |
| ENSG00000138650 | 13.35149674 | 0.000258216 | 0.003924548 | *PCDH10* | Protocadherin 10 | 1.514734188 | 0.19095292 | 0.163182492 | 0.034756047 | 0.251598733 | 0.773921589 | 1.519018776 | 0.020497512 | 0.047459223 | 0.014828835 | 0.209154113 | 0.06089494 | 1.264341474 | 0.040761983 | 0.192870271 | 0.097907297 | 0.667982771 | 0.198355273 | 0.17193479 | 0.110904926 | 0.154378132 | 0.600227683 | -1.95904145 | 3.888035657 |
| ENSG00000134755 | 13.19792866 | 0.000280259 | 0.004210761 | *DSC2* | Desmocollin 2 | 0.232918842 | 0.270804638 | 0.179994291 | 0.013616666 | 0.14549665 | 0.027011987 | 0.446868831 | 0.23479924 | 0.026034482 | 0.072995856 | 0.187844237 | 0.074995045 | 0.342784557 | 0.026471126 | 0.176964013 | 0.025455899 | 0.217981437 | 0.10167232 | 0.352818525 | 0.178768258 | 0.102659104 | 0.230970587 | -1.169847572 | 2.249879246 |
| ENSG00000261379 | 13.19460106 | 0.000280757 | 0.004214795 | *RP11-395N3.1* | Sense intronic | 0.663216145 | 0.649892108 | 0.422143592 | 0.577538988 | 0.944247977 | 0 | 0.458069028 | 0.080126339 | 0.534487955 | 0.173627024 | 0.436282524 | 0 | 1.362151161 | 0.561398904 | 0.879144983 | 0.315022822 | 0.881124004 | 0.080540171 | 0.718125275 | 0.92510284 | 0.33632492 | 0.729899264 | -1.11784169 | 2.170220588 |
| ENSG00000163017 | 13.15925107 | 0.000286103 | 0.004277569 | *ACTG2* | Actin, gamma 2, smooth muscle, enteric | 12.89394907 | 1.724452403 | 8.922025233 | 2.075989831 | 9.997525323 | 5.819413752 | 43.86851599 | 5.179879908 | 2.39009871 | 2.535012631 | 17.003776 | 4.16704263 | 6.194070833 | 9.292990287 | 11.559922 | 2.219636876 | 15.88109409 | 14.24829698 | 8.83218795 | 7.230500503 | 5.44932158 | 13.75431652 | -1.335735915 | 2.524041996 |
| ENSG00000203811 | 13.14841883 | 0.000287762 | 0.004287936 | *HIST2H3C* | Histone cluster 2, h3c | 0.742298926 | 0.287961143 | 0.265413323 | 0.094057027 | 0.412585067 | 0.179806939 | 0.362219475 | 0.126468578 | 0.284523719 | 0.439509906 | 0.15699602 | 0.250227907 | 2.714647355 | 0.469584926 | 0.310279739 | 0.232792753 | 0.684329273 | 0.236084713 | 0.945400476 | 0.154056718 | 0.247055061 | 0.687869337 | -1.477301936 | 2.784275433 |
| ENSG00000203852 | 13.14841883 | 0.000287762 | 0.004287936 | *HIST2H3A* | Histone cluster 2, h3a | 0.742298926 | 0.287961143 | 0.265413323 | 0.094057027 | 0.412585067 | 0.179806939 | 0.362219475 | 0.126468578 | 0.284523719 | 0.439509906 | 0.15699602 | 0.250227907 | 2.714647355 | 0.469584926 | 0.310279739 | 0.232792753 | 0.684329273 | 0.236084713 | 0.945400476 | 0.154056718 | 0.247055061 | 0.687869337 | -1.477301936 | 2.784275433 |
| ENSG00000153208 | 13.14710175 | 0.000287964 | 0.004287936 | *MERTK* | C-mer proto-oncogene tyrosine kinase | 1.862736881 | 0.750972033 | 2.428731613 | 0.443977818 | 1.292219074 | 0.686360592 | 5.202518907 | 1.309144356 | 0.410328721 | 1.239061928 | 1.750912034 | 1.155654639 | 3.753084529 | 0.470661266 | 1.24792127 | 0.111857048 | 1.31768747 | 0.626549243 | 1.489041761 | 1.092332879 | 0.78865718 | 2.075518226 | -1.396001382 | 2.631711571 |
| ENSG00000239218 | 13.1242367 | 0.0002915 | 0.004323055 | *RPS20P22* | Ribosomal protein S20 pseudogene 22 | 1.569783855 | 0.434915815 | 0.494034247 | 0.055098036 | 1.797762204 | 0.680130238 | 1.571475014 | 0.308669657 | 0.170244526 | 0.400047951 | 0.414818414 | 0 | 0.340514556 | 0.055227081 | 0.807594062 | 2.217315293 | 1.372425069 | 0.103870206 | 0.742300021 | 0.108086063 | 0.436336034 | 0.928095197 | -1.088833172 | 2.127019371 |
| ENSG00000123500 | 13.08223441 | 0.00029811 | 0.004389168 | *COL10A1* | Collagen, type X, alpha 1 | 2.886350237 | 0.644147512 | 1.527672048 | 1.027667301 | 3.809189825 | 0.14548219 | 8.555265891 | 0.313639743 | 1.965366516 | 5.340852772 | 6.380718068 | 0.552626358 | 1.513216393 | 0.320588047 | 3.645822084 | 0.19826105 | 2.19419722 | 1.586106529 | 0.19714999 | 0.216566526 | 1.034593803 | 3.267494827 | -1.659120497 | 3.158239319 |
| ENSG00000168918 | 13.07412523 | 0.000299403 | 0.004401152 | *INPP5D* | Inositol polyphosphate-5-phosphatase, 145kda | 1.279201879 | 2.640342609 | 1.601048429 | 0.777781061 | 1.898242368 | 0.940726829 | 3.617898819 | 1.208181741 | 1.227090753 | 0.461626001 | 1.685895294 | 1.212121579 | 3.849158044 | 0.36251761 | 1.283157118 | 1.021960133 | 1.658669752 | 0.940830449 | 3.15974318 | 0.719360764 | 1.028544878 | 2.126010564 | -1.047544022 | 2.067008071 |
| ENSG00000104369 | 13.0410902 | 0.000304731 | 0.004465167 | *JPH1* | Junctophilin 1 | 0.441948099 | 0.24372127 | 0.400495825 | 0 | 0.253014533 | 0.290557418 | 0.305258193 | 0.207158421 | 0.038134755 | 0.036342801 | 0.075940542 | 0 | 1.294289855 | 0.025626519 | 0.10249806 | 0.12352816 | 0.393657566 | 0.050952952 | 0.629441142 | 0.037596033 | 0.101548357 | 0.393467857 | -1.954078881 | 3.874684604 |
| ENSG00000118971 | 12.95783095 | 0.000318586 | 0.004620253 | *CCND2* | Cyclin D2 | 4.655886117 | 3.078365415 | 5.303292846 | 2.054227695 | 10.04877484 | 3.063111137 | 7.286491598 | 3.817336367 | 1.949582822 | 1.928946317 | 3.381214623 | 3.977333874 | 16.97553835 | 4.675221117 | 3.120562989 | 1.503059623 | 4.091231356 | 3.111037531 | 5.072575612 | 3.316271917 | 3.052491099 | 6.188515115 | -1.019606199 | 2.027365491 |
| ENSG00000120279 | 12.85518008 | 0.000336546 | 0.004842469 | *MYCT1* | Myc target 1 | 1.225464762 | 0.523291394 | 0.502476213 | 0.130626288 | 0.567227027 | 0.19468102 | 0.545174219 | 0.106034065 | 0.168688662 | 0.234486405 | 0.690805764 | 0.434061663 | 0.667238101 | 0.641131804 | 0.603749648 | 0.306217306 | 0.540051992 | 0.189056588 | 0.614061583 | 0.259667408 | 0.301925394 | 0.612493797 | -1.02050313 | 2.028626306 |
| ENSG00000185477 | 12.83714204 | 0.000339806 | 0.004881723 | *GPRIN3* | GPRIN family member 3 | 0.419104226 | 0.389859822 | 0.214506892 | 0.038033434 | 0.15895157 | 0.04766033 | 0.362094892 | 0.195590298 | 0.012181061 | 0.02310481 | 0.282523925 | 0.305000016 | 0.655238145 | 0.111741137 | 0.077609391 | 0.062508439 | 0.207644656 | 0.055423544 | 0.532982187 | 0.179258594 | 0.140818042 | 0.292283694 | -1.053537155 | 2.075612538 |
| ENSG00000133169 | 12.7868368 | 0.000349067 | 0.00499133 | *BEX1* | Brain expressed, X-linked 1 | 1.572818035 | 0.611328903 | 0.183505986 | 0.08738338 | 9.567037569 | 0.620020728 | 1.068586372 | 0.258509605 | 0.647161899 | 1.637265253 | 3.015425384 | 1.897071842 | 3.636671285 | 0.778773389 | 0.436093212 | 0.346858864 | 1.675927229 | 0.173335765 | 5.50797197 | 2.036195339 | 0.844674307 | 2.731119894 | -1.693025575 | 3.233340794 |
| ENSG00000180660 | 12.75580567 | 0.000354906 | 0.005055137 | *MAB21L1* | Mab-21-like 1 (C. Elegans) | 8.70409094 | 1.018506196 | 3.706508251 | 1.303514316 | 3.886829423 | 1.948864126 | 3.092157382 | 1.003132148 | 1.147114555 | 2.71887692 | 3.2279314 | 2.038281627 | 4.189247149 | 0.914259078 | 4.900545753 | 7.774857099 | 5.885914066 | 1.787245312 | 9.264812227 | 1.28370318 | 2.179124 | 4.800515115 | -1.139440928 | 2.202956378 |
| ENSG00000270149 | 12.73830471 | 0.000358242 | 0.005086874 | *RP11-544M22.13* | Uncharacterized protein | 0.379373038 | 0.465923092 | 0.905239187 | 0 | 1.026389825 | 0.059840481 | 1.375198982 | 0.26969519 | 0.865214482 | 0 | 0.427509452 | 0.562636315 | 1.350227731 | 0.319179226 | 0.870370264 | 0.667180651 | 1.03978276 | 0 | 0.101701164 | 0.139112672 | 0.248356763 | 0.834100688 | -1.747807518 | 3.35847786 |
| ENSG00000257647 | 12.71706884 | 0.000362333 | 0.005125145 | *RP11-701H24.3* | Lincrna | 14.46678623 | 0.380811375 | 2.608592735 | 1.584578596 | 10.39246995 | 3.113945544 | 10.82352299 | 2.687172011 | 6.614783417 | 6.406912582 | 5.098263975 | 2.380676814 | 2.892204451 | 4.105036344 | 7.116618817 | 0.850707324 | 6.27084714 | 1.237546025 | 6.850143401 | 3.6151033 | 2.636248991 | 7.313423311 | -1.472060232 | 2.774177756 |
| ENSG00000134028 | 12.68463364 | 0.000368673 | 0.005194807 | *ADAMDEC1* | ADAM-like, decysin 1 | 6.04700313 | 5.132048825 | 1.796304045 | 0.198109519 | 3.14863423 | 0.649171526 | 6.916371038 | 2.333822823 | 0.141559996 | 0.299663037 | 4.548150581 | 2.315473389 | 7.032421311 | 0.913305812 | 0.846169868 | 0.26508367 | 3.091203796 | 0.895050767 | 1.226066351 | 1.847587891 | 1.484931726 | 3.479388435 | -1.228437148 | 2.343130242 |
| ENSG00000091129 | 12.67405718 | 0.000370764 | 0.00521799 | *NRCAM* | Neuronal cell adhesion molecule | 1.58317479 | 1.311264166 | 3.314662993 | 1.070396635 | 1.769806065 | 0.478554585 | 2.880059504 | 0.942138341 | 1.774085943 | 1.297150597 | 0.930596075 | 1.466126088 | 1.207830696 | 0.462807668 | 0.622555528 | 0.545019355 | 1.684918679 | 0.455679251 | 1.290905414 | 0.398540671 | 0.842767736 | 1.705859569 | -1.017291896 | 2.024115894 |
| ENSG00000110079 | 12.66819219 | 0.000371929 | 0.005224162 | *MS4A4A* | Membrane-spanning 4-domains, subfamily A, member 4A | 2.190502452 | 2.413335347 | 2.223092167 | 0.567287621 | 3.225321953 | 0.624901784 | 5.987871903 | 2.066250735 | 0.70613358 | 0 | 4.547429799 | 1.137406825 | 5.979597662 | 2.647566538 | 1.109193861 | 1.828849153 | 4.167692706 | 1.82595299 | 2.124054606 | 1.680112576 | 1.479166357 | 3.226089069 | -1.125001954 | 2.181018419 |
| ENSG00000132965 | 12.64589888 | 0.00037639 | 0.005267171 | *ALOX5AP* | Arachidonate 5-lipoxygenase-activating protein | 2.766651832 | 1.371368444 | 1.112682186 | 0 | 0.864701181 | 0.087986889 | 1.85127008 | 0.202317994 | 0 | 0 | 1.422296621 | 1.601690773 | 0.164246147 | 0.086557893 | 1.673539307 | 0.430504353 | 0.61730268 | 0.264298691 | 1.050312001 | 0.390622455 | 0.443534749 | 1.152300203 | -1.377397581 | 2.597993067 |
| ENSG00000166920 | 12.59936797 | 0.000385877 | 0.005381214 | *C15orf48* | Chromosome 15 open reading frame 48 | 2.469113492 | 3.88266661 | 1.489355934 | 0.480137017 | 2.329437098 | 0.730694251 | 1.957198463 | 0.868384258 | 1.1410603 | 2.009081476 | 1.139888616 | 0.571678737 | 4.551461085 | 0.527620715 | 2.144698749 | 0.235083594 | 1.457623415 | 0.508071277 | 3.265118831 | 1.089418304 | 1.090283624 | 2.194495598 | -1.009185893 | 2.012774979 |
| ENSG00000237291 | 12.59600318 | 0.000386573 | 0.005385031 | *RP11-782C8.4* | Lincrna | 4.281040882 | 0.793730191 | 4.465264983 | 2.690391381 | 3.359314979 | 2.557265892 | 7.62437687 | 4.785980648 | 4.920960325 | 2.030980828 | 1.978511476 | 1.131173038 | 6.421358818 | 2.324999864 | 0.848722205 | 1.373511545 | 2.786634246 | 0.339661774 | 0.994805472 | 0.226299789 | 1.825399495 | 3.768099026 | -1.045624642 | 2.064259925 |
| ENSG00000230838 | 12.57727839 | 0.000390465 | 0.005426901 | *AC093850.2* | Lincrna | 3.882915127 | 1.593686866 | 5.598237889 | 1.897882584 | 12.71449594 | 2.065412836 | 18.48458928 | 3.451920239 | 21.08059542 | 9.707811583 | 14.84562416 | 4.942641967 | 0.890234039 | 1.74038858 | 5.171222482 | 1.190815866 | 5.783300152 | 3.697460787 | 6.431544316 | 12.69243282 | 4.298045413 | 9.488275881 | -1.142465232 | 2.207579253 |
| ENSG00000263357 | 12.5560764 | 0.00039492 | 0.005472251 | *AL133167.1* | Mirna | 13.77160881 | 3.834490123 | 5.263542173 | 10.4137584 | 1.006701589 | 0 | 19.96157801 | 6.904943116 | 10.58806643 | 7.307311 | 14.64327966 | 8.809438388 | 9.48220702 | 4.974076215 | 10.26100944 | 7.592296085 | 7.506786589 | 0 | 7.385436558 | 0 | 4.983631332 | 9.987021628 | -1.002857148 | 2.003964772 |
| ENSG00000235848 | 12.55019665 | 0.000396165 | 0.005485356 | *RMDN2-AS1* | RMDN2 antisense RNA 1 | 1.625688998 | 0.582359014 | 4.86622262 | 3.417274693 | 0.722411965 | 1.300456058 | 3.982374651 | 1.854802975 | 2.988978756 | 0.645041889 | 1.752095197 | 0.170196971 | 2.753971815 | 0.161704204 | 1.067874532 | 1.001446884 | 1.634143575 | 0.661015384 | 2.799006207 | 1.3110575 | 1.110535557 | 2.419276832 | -1.123320277 | 2.178477597 |
| ENSG00000112559 | 12.53690954 | 0.000398992 | 0.00551618 | *MDFI* | Myod family inhibitor | 1.55505155 | 1.671640709 | 0.761995082 | 0 | 1.826487382 | 0.523683552 | 3.179124495 | 0.121117718 | 0.702610289 | 0.436687012 | 4.22704184 | 2.916815432 | 2.853663387 | 0.412145503 | 0.755238745 | 0.424993776 | 3.506870294 | 2.054414721 | 1.591708007 | 1.650311916 | 1.021181034 | 2.095979107 | -1.037385688 | 2.052504931 |
| ENSG00000163909 | 12.43509657 | 0.000421341 | 0.005772994 | *HEYL* | Hes-related family bhlh transcription factor with YRPW motif-like | 0.369460185 | 0.231279771 | 0.378781816 | 0.038355386 | 0.477902231 | 0.119815581 | 0.249774254 | 0.11347252 | 0.383110612 | 0.107949751 | 0.938086843 | 0.36739824 | 0.440714643 | 0.077328208 | 0.403368714 | 0.172235185 | 0.179289586 | 0.173648881 | 0.122774971 | 0.107675221 | 0.150915875 | 0.394326385 | -1.38564568 | 2.612888715 |
| ENSG00000163395 | 12.40318539 | 0.000428602 | 0.005828989 | *IGFN1* | Immunoglobulin-like and fibronectin type III domain containing 1 | 0.161809039 | 0.402478465 | 1.088088985 | 0.418836591 | 2.533318649 | 1.176498648 | 1.683387598 | 0.345979583 | 0.336270856 | 0.179346928 | 1.207704418 | 1.309618271 | 1.046321804 | 0.611067529 | 0.766379721 | 0.26836294 | 1.953987205 | 0.611388976 | 0.963680854 | 0.26621395 | 0.558979188 | 1.174094913 | -1.070682565 | 2.100426881 |
| ENSG00000123338 | 12.32348024 | 0.000447296 | 0.006029628 | *NCKAP1L* | NCK-associated protein 1-like | 3.305615428 | 1.901490728 | 1.421966209 | 0.171476498 | 1.47595415 | 0.52019852 | 3.085029783 | 0.86044841 | 0.445104255 | 1.142687825 | 2.737390379 | 0.785495848 | 2.434497351 | 1.239499036 | 0.840389802 | 0.794871413 | 2.157191518 | 0.375352464 | 2.899089712 | 1.483800534 | 0.927532128 | 2.080222859 | -1.165268936 | 2.242750194 |
| ENSG00000155659 | 12.22942197 | 0.000470418 | 0.006263589 | *VSIG4* | V-set and immunoglobulin domain containing 4 | 7.618501735 | 1.558066843 | 3.310255536 | 0.212217626 | 2.729329366 | 0.229891221 | 3.48751795 | 0.637202897 | 0.06545733 | 0.491906471 | 4.559270446 | 3.150041553 | 4.749752879 | 1.961516213 | 1.524528792 | 0.284374751 | 2.841584763 | 0.776990446 | 3.4224624 | 1.435094652 | 1.073730267 | 3.43086612 | -1.675941212 | 3.195277459 |
| ENSG00000232759 | 12.18801658 | 0.000480975 | 0.006375423 | *AC002480.3* | Antisense | 0.079457202 | 0.072550942 | 0.161312248 | 0.071931686 | 0.379969433 | 0.042399177 | 0.158272666 | 0.023668076 | 0.209535664 | 0.317511042 | 0.420124703 | 0.209143476 | 0.481394121 | 0.047484842 | 0.117599414 | 0.230567087 | 0.232664868 | 0 | 0.283525244 | 0.04792961 | 0.106318594 | 0.252385556 | -1.247235421 | 2.373860933 |
| ENSG00000168995 | 12.10412652 | 0.000503104 | 0.006604979 | *SIGLEC7* | Sialic acid binding Ig-like lectin 7 | 1.278917802 | 1.114107184 | 0.454165729 | 0.061105415 | 2.012403984 | 0 | 1.88389542 | 0.502285167 | 0.223132831 | 0.032187368 | 0.829430229 | 0.89387271 | 2.433319474 | 0.122827368 | 0.315568247 | 0.277410161 | 0.597891332 | 0.730936547 | 0.881070865 | 0.230507047 | 0.396523897 | 1.090979591 | -1.460144396 | 2.751358999 |
| ENSG00000257989 | 12.0447842 | 0.000519375 | 0.006777345 | *RP1-288H2.2* | Non-coding RNA | 4.882895489 | 1.888437825 | 2.621559985 | 0 | 1.97073734 | 1.197813379 | 5.976575276 | 0.471091296 | 6.801080658 | 4.75332354 | 3.635987515 | 1.491971797 | 3.351076746 | 1.68901637 | 4.244316456 | 1.269127656 | 1.687340897 | 1.987120163 | 3.656437307 | 3.323661717 | 1.807156374 | 3.882800767 | -1.103376333 | 2.148569334 |
| ENSG00000066382 | 11.98652497 | 0.000535866 | 0.006948096 | *MPPED2* | Metallophosphoesterase domain containing 2 | 0.316359539 | 0.489400798 | 1.119940064 | 0.097614919 | 1.043695928 | 0.049762025 | 0.203592803 | 0.106083717 | 1.579344952 | 0.131259908 | 0.126998238 | 0.673524029 | 1.557803994 | 0.08919966 | 0.361774485 | 0.176997925 | 2.822111256 | 0.18800475 | 0.347459555 | 0.047686853 | 0.204953458 | 0.947908081 | -2.209450834 | 4.624991883 |
| ENSG00000224945 | 11.96283479 | 0.000542722 | 0.007012233 | *RP11-82L18.2* | Sense intronic | 7.776214002 | 1.41228831 | 13.64491633 | 3.587827777 | 1.599999268 | 2.446466543 | 10.6110455 | 2.810389326 | 3.783172158 | 4.872564361 | 4.24230341 | 0.18657221 | 7.253980475 | 2.671474987 | 0.183807443 | 0.184487313 | 5.640644964 | 1.279451331 | 7.324918224 | 1.994050797 | 2.144557296 | 6.206100177 | -1.533007124 | 2.893884062 |
| ENSG00000129988 | 11.89056407 | 0.00056419 | 0.007233613 | *LBP* | Lipopolysaccharide binding protein | 0.252609475 | 0.46755695 | 1.181311185 | 0.347096668 | 0.533642185 | 0.2366914 | 0.634166528 | 0.114348577 | 0.249188711 | 0.365489302 | 0.282621052 | 0.344285029 | 1.306101483 | 0.02872055 | 0.313310709 | 0.028066293 | 0.740901118 | 0.143405046 | 0.861656796 | 0.150061088 | 0.22257209 | 0.635550924 | -1.513735034 | 2.855483471 |
| ENSG00000169896 | 11.88394605 | 0.000566199 | 0.007249521 | *ITGAM* | Integrin, alpha M (complement component 3 receptor 3 subunit) | 6.787600935 | 2.719895896 | 1.10100379 | 0.154016822 | 1.048944284 | 0.389637934 | 4.001109636 | 1.495093519 | 0.058891914 | 0.014795174 | 3.633181355 | 1.623790178 | 5.878168024 | 0.666566733 | 0.611043754 | 0.412481686 | 1.346352345 | 0.932239311 | 7.084343359 | 3.322000258 | 1.173051751 | 3.15506394 | -1.427402581 | 2.689620417 |
| ENSG00000163219 | 11.61335175 | 0.0006548 | 0.008172764 | *ARHGAP25* | Rho gtpase activating protein 25 | 1.542882571 | 0.888047323 | 0.749200741 | 0.327276099 | 0.552227485 | 0.373568477 | 1.893774247 | 0.633563776 | 0.341884377 | 0.195460137 | 1.083308003 | 0.837890375 | 2.310360679 | 0.52170522 | 0.573064674 | 0.360598875 | 1.155135628 | 0.360884598 | 1.8672953 | 1.015725332 | 0.551472021 | 1.206913371 | -1.129962528 | 2.188530558 |
| ENSG00000255408 | 11.6009223 | 0.000659191 | 0.008199695 | *PCDHA3* | Protocadherin alpha 3 | 0.16660078 | 0.505368557 | 0.273504493 | 0.393734891 | 0.58328147 | 0.201048443 | 0.622564968 | 0.260580644 | 0.230455647 | 0.206045598 | 0.430721205 | 0.09336923 | 1.15491473 | 0.086450165 | 0.487783474 | 0.105173687 | 0.589963109 | 0.043146879 | 0.905732786 | 0.133229849 | 0.202814794 | 0.544552266 | -1.424907632 | 2.684973096 |
| ENSG00000019169 | 11.47202126 | 0.000706518 | 0.008673228 | *MARCO* | Macrophage receptor with collagenous structure | 2.490826392 | 0.93612556 | 0.236177002 | 0.139373308 | 0.283344307 | 0.378368799 | 0.797107275 | 0.858241198 | 0.585090356 | 0.087966032 | 0.33439277 | 0.030338938 | 0.62431582 | 0 | 0.41858477 | 0.196311518 | 0.347591917 | 0.372109784 | 0.861124531 | 0.03004792 | 0.302888306 | 0.697855514 | -1.20414249 | 2.304002832 |
| ENSG00000110934 | 11.46791944 | 0.000708079 | 0.008673228 | *BIN2* | Bridging integrator 2 | 1.685973515 | 1.975393912 | 0.828233611 | 0.086636477 | 0.412943076 | 0.302373854 | 1.40041406 | 0.427140596 | 0.061639606 | 0.030562011 | 0.840812397 | 0.283556872 | 3.434948073 | 0.842291551 | 0.186273132 | 0.364585728 | 1.348031553 | 0.126551967 | 0.521444877 | 0.374375228 | 0.48134682 | 1.07207139 | -1.155252316 | 2.227232728 |
| ENSG00000124731 | 11.43848396 | 0.000719385 | 0.008776014 | *TREM1* | Triggering receptor expressed on myeloid cells 1 | 0.872585967 | 1.819861301 | 1.628191673 | 0.530137938 | 1.675059988 | 0.1419448 | 1.970296229 | 0.852150858 | 0.600704201 | 1.149522259 | 1.140487222 | 0.190636428 | 3.102847637 | 0.324878596 | 1.757350688 | 0.98041251 | 2.300682067 | 1.419833514 | 4.052398186 | 0.709074187 | 0.811845239 | 1.910060386 | -1.234341609 | 2.352739529 |
| ENSG00000181374 | 11.39570535 | 0.000736141 | 0.008927046 | *CCL13* | Chemokine (C-C motif) ligand 13 | 5.883639631 | 0.867158899 | 3.22542252 | 0 | 2.020533101 | 0.929355279 | 6.759288859 | 0.391714932 | 0.834849014 | 1.560670686 | 0.539055959 | 1.078552466 | 3.278942 | 1.66787317 | 2.773434439 | 0 | 1.701147033 | 0.099505843 | 0.862451424 | 0.677500793 | 0.727233207 | 2.787876398 | -1.938676618 | 3.833538364 |
| ENSG00000188269 | 11.19598981 | 0.000819743 | 0.009703271 | *OR7A5* | Olfactory receptor, family 7, subfamily A, member 5 | 0.632029863 | 0 | 1.589345482 | 2.108229519 | 2.218443823 | 0.418704406 | 2.120371898 | 1.71808348 | 3.368213488 | 0.417506914 | 1.359476237 | 0.435876388 | 2.148510267 | 1.678755476 | 1.370002756 | 0.438085726 | 2.1052032 | 0.215536481 | 0.759758944 | 0.30929263 | 0.774007102 | 1.767135596 | -1.190994036 | 2.283099975 |
| ENSG00000250878 | 11.17267395 | 0.000830109 | 0.009788569 | *METTL21EP* | Methyltransferase like 21E, pseudogene | 0.694027088 | 0.115398161 | 0.236354926 | 0.086746267 | 0.988046883 | 0.115427362 | 1.573547888 | 0.113658611 | 0.230196816 | 0.031998584 | 0.215997437 | 0.160200996 | 0.260998585 | 0.169867393 | 0.19702197 | 0.191768297 | 0.256166425 | 0.280485403 | 0.190654894 | 0.164565559 | 0.143011663 | 0.484301291 | -1.759772038 | 3.38644611 |
| ENSG00000233101 | 11.15111925 | 0.00083981 | 0.009879793 | *HOXB-AS3* | HOXB cluster antisense RNA 3 | 22.55483513 | 6.020511606 | 29.1953648 | 12.55825595 | 32.06999456 | 9.260413495 | 16.05443377 | 14.89544043 | 13.37217654 | 0 | 24.74469383 | 11.07612369 | 22.60174884 | 14.39511683 | 35.30452004 | 0.42231414 | 31.8461919 | 0 | 11.70082589 | 26.53699297 | 9.516516911 | 23.94447853 | -1.331187474 | 2.516096882 |
| ENSG00000102387 | 11.14277682 | 0.000843595 | 0.009907921 | *TAF7L* | TAF7-like RNA polymerase II, TATA box binding protein (TBP)-associated factor, 50kda | 1.132118246 | 0.215515051 | 0.351662873 | 0.353038235 | 2.037172739 | 0.60381676 | 0.970697049 | 0.706299452 | 1.97301542 | 0.916453851 | 0.435983395 | 0.716428491 | 3.89851884 | 0.311800428 | 1.084544232 | 0.656824503 | 0.680159132 | 0.084605643 | 1.420423383 | 1.168638785 | 0.57334212 | 1.398429531 | -1.286339382 | 2.439083895 |
| ENSG00000269998 | 11.0907164 | 0.00086761 | 0.010109559 | *RP11-272L13.3* | Lincrna | 1.334177418 | 0 | 1.960051971 | 0.224238263 | 2.61730833 | 0.657174542 | 3.506265487 | 0.217458726 | 0.968707936 | 0.94610856 | 0.355860209 | 0.489050773 | 0.309002184 | 0.435900406 | 0.770339797 | 0.326912017 | 0.648951215 | 0.329415813 | 1.483518653 | 1.069089882 | 0.469534898 | 1.39541832 | -1.571393384 | 2.971916093 |
| ENSG00000225345 | 11.0876111 | 0.000869064 | 0.010111539 | *SNX18P3* | Sorting nexin 18 pseudogene 3 | 2.33618343 | 0.605181427 | 2.004495459 | 0.87890435 | 2.46433711 | 1.186440126 | 2.467720788 | 1.127517998 | 1.717079926 | 2.337913503 | 1.149878368 | 0.348517339 | 4.67917631 | 0.513293268 | 0.775303361 | 0.302828172 | 1.613153556 | 0.273264676 | 0.344619642 | 1.069318896 | 0.864317976 | 1.955194795 | -1.177678279 | 2.262124415 |
| ENSG00000167914 | 10.93553302 | 0.000943373 | 0.010818448 | *GSDMA* | Gasdermin A | 0.669159922 | 0.110166991 | 0.223176147 | 0.078129017 | 0.415833499 | 0.181541551 | 0.878414326 | 0.181561745 | 0.203265617 | 0.180207955 | 0.203929758 | 0.42898977 | 0.268618344 | 0.103008217 | 1.799396673 | 0.202354126 | 1.104746305 | 0.342889427 | 0.293106511 | 0.473815927 | 0.228266473 | 0.60596471 | -1.408514802 | 2.654637376 |
| ENSG00000234906 | 10.92223397 | 0.00095017 | 0.010876006 | *APOC2* | Apolipoprotein C-II | 3.016762825 | 3.102285217 | 1.644093282 | 0.120166337 | 1.011954246 | 1.202972585 | 7.149976308 | 1.52699975 | 0.189434833 | 0 | 1.76491172 | 0.464604055 | 0.790426143 | 0.081258255 | 0.735476204 | 0.082244359 | 0.09605829 | 0.163177557 | 1.458136003 | 0.43825343 | 0.718196155 | 1.785722985 | -1.314058463 | 2.486400093 |
| ENSG00000266671 | 10.9122845 | 0.000955286 | 0.010907375 | *AC113342.1* | Mirna | 15.49519782 | 0 | 0 | 0 | 0.000115326 | 0 | 34.67965836 | 25.26717598 | 51.2830098 | 26.60771997 | 11.51398389 | 0 | 17.44657997 | 0 | 39.51259174 | 0 | 20.45078553 | 0 | 13.15696485 | 36.0759303 | 8.795082624 | 20.35388873 | -1.21053542 | 2.314235079 |
| ENSG00000249274 | 10.86380725 | 0.000980619 | 0.01114119 | *PDLIM1P4* | PDZ and LIM domain 1 pseudogene 4 | 1.535728337 | 0.23496073 | 0.411135343 | 0.95042269 | 0.372052239 | 0.156748293 | 0.611801625 | 0.154444796 | 1.155455191 | 0.411746115 | 0.678012727 | 0 | 0.816072975 | 0.388450622 | 0.077873403 | 0 | 1.01598123 | 0.234442007 | 0.258239877 | 0.339198182 | 0.287041343 | 0.693235295 | -1.27208656 | 2.415106083 |
| ENSG00000003137 | 10.71849028 | 0.001060702 | 0.011896448 | *CYP26B1* | Cytochrome P450, family 26, subfamily B, polypeptide 1 | 4.679987918 | 1.896362879 | 1.413876575 | 0.59358245 | 1.254331149 | 1.28811326 | 2.972632602 | 2.345131156 | 0.883477438 | 0.529897709 | 1.057507149 | 2.936923944 | 4.453674169 | 0.797271347 | 1.355115532 | 0.276151678 | 4.718874577 | 0.493153277 | 1.731945928 | 0.590516517 | 1.174710422 | 2.452142304 | -1.061737543 | 2.08744407 |
| ENSG00000267026 | 10.68184348 | 0.001081922 | 0.012082777 | *RP11-92C4.3* | Antisense | 22.62181922 | 7.172949476 | 72.71612891 | 23.35052985 | 26.99180598 | 26.97539452 | 35.38192737 | 16.9787876 | 36.95603714 | 6.612574514 | 16.12941871 | 5.262775659 | 7.535799249 | 6.735260373 | 16.76824133 | 11.57671887 | 5.397157872 | 10.4365542 | 7.655292947 | 6.944642048 | 12.20461871 | 24.81536287 | -1.023806327 | 2.033276374 |
| ENSG00000102837 | 10.66457365 | 0.00109207 | 0.012173897 | *OLFM4* | Olfactomedin 4 | 0.121781808 | 0.043371334 | 0.044657242 | 0.021652697 | 0.241987893 | 0.173345102 | 0.238262963 | 0.170278208 | 0.021709598 | 0 | 0.02324487 | 0 | 0.286766688 | 0 | 0.189283087 | 0.061676341 | 0.129510886 | 0.021176657 | 0.139168837 | 0.104300952 | 0.059580129 | 0.143637387 | -1.269528162 | 2.410827058 |
| ENSG00000138670 | 10.65360995 | 0.001098563 | 0.01223142 | *RASGEF1B* | Rasgef domain family, member 1B | 0.815501923 | 0.519908418 | 1.472220247 | 0.468528265 | 0.703279208 | 0.245114054 | 1.354243037 | 1.205318617 | 0.326428992 | 0.315565272 | 0.859849835 | 0.590265676 | 3.918515019 | 0.625284343 | 0.428853249 | 0.335993461 | 1.145392987 | 0.391494914 | 1.243772821 | 0.826637496 | 0.552411052 | 1.226805732 | -1.151092725 | 2.220820399 |
| ENSG00000254585 | 10.55902922 | 0.001156219 | 0.012718233 | *MAGEL2* | MAGE-like 2 | 0.158823823 | 0.107767121 | 0.178298458 | 0 | 0.234793241 | 0.152624224 | 0 | 0 | 0.11481347 | 0 | 0.371202306 | 0 | 0.55342685 | 0 | 0.378334634 | 0 | 0.483823768 | 0.148173851 | 0 | 0.066515888 | 0.047508108 | 0.247351655 | -2.380317883 | 5.206514496 |
| ENSG00000141052 | 10.55617401 | 0.001158006 | 0.012723517 | *MYOCD* | Myocardin | 1.399736617 | 0.025774623 | 0.664677003 | 0.025700393 | 0.135961844 | 0.023447517 | 0.401280815 | 0.324246937 | 0.067575636 | 0.040088705 | 0.4673308 | 0.363393108 | 0.043570089 | 0.049263154 | 0.19305123 | 0.104273782 | 0.316571357 | 0.047621825 | 0.40413869 | 0.39831422 | 0.140212426 | 0.409389408 | -1.545859563 | 2.919779786 |
| ENSG00000167851 | 10.54423619 | 0.00116551 | 0.01278301 | *CD300A* | CD300a molecule | 1.813284255 | 1.657934289 | 0.653922903 | 0 | 0.44781896 | 0.411129092 | 1.810434485 | 0.70784855 | 0 | 0 | 2.406905852 | 0.310887803 | 1.363626902 | 1.809295187 | 0.841492808 | 0.10709394 | 1.443928451 | 0.185319481 | 0.375303431 | 0.34252996 | 0.55320383 | 1.115671805 | -1.012029644 | 2.016746349 |
| ENSG00000180739 | 10.48045814 | 0.001206438 | 0.013083407 | *S1PR5* | Sphingosine-1-phosphate receptor 5 | 1.66114707 | 0.634132374 | 0.920787665 | 0.28895798 | 0.212977077 | 0.099785903 | 0.715042678 | 0.024080947 | 0.344106537 | 0.050427552 | 1.181367346 | 0.92661702 | 0.162926041 | 0.503945879 | 0.937529394 | 0.440722155 | 0.319319406 | 0.096156687 | 0.485964564 | 0.357065424 | 0.342189192 | 0.694116778 | -1.020384208 | 2.028459092 |
| ENSG00000261335 | 10.39004698 | 0.001266964 | 0.013563533 | *RP11-318A15.2* | Antisense | 1.286008723 | 0.370127221 | 0.603063179 | 0.338422497 | 1.015555663 | 0.243416485 | 2.786945112 | 0.276869743 | 1.027051438 | 1.145308775 | 0.39113809 | 0.596990097 | 0.757129667 | 0.243698269 | 1.320463696 | 1.068164164 | 0.549604792 | 0.241146905 | 0.492699412 | 0.550380207 | 0.507452436 | 1.022965977 | -1.011413654 | 2.015885438 |
| ENSG00000110324 | 10.38842148 | 0.00126808 | 0.013567568 | *IL10RA* | Interleukin 10 receptor, alpha | 2.68601125 | 1.084062538 | 6.047525837 | 0.026870907 | 1.311310578 | 1.054124269 | 9.384677357 | 0.556691797 | 0.400770708 | 0.127149207 | 1.64457152 | 2.708454502 | 2.53453438 | 1.440649127 | 0.919515231 | 0.09165479 | 0.901448641 | 0.906455513 | 1.759752438 | 0.732183171 | 0.872829582 | 2.759011794 | -1.66037972 | 3.160997119 |
| ENSG00000143217 | 10.36024962 | 0.001287578 | 0.013720215 | *PVRL4* | Poliovirus receptor-related 4 | 3.795848435 | 1.82981839 | 2.455059425 | 0.806040283 | 0.879922244 | 1.031691798 | 2.200543827 | 0.914111511 | 0.541150677 | 0.937027184 | 1.824984415 | 0.75782889 | 2.673310926 | 1.141395021 | 3.492037443 | 0.863506029 | 0.965327211 | 1.2754966 | 2.026398376 | 0.58692048 | 1.014383619 | 2.085458298 | -1.039761111 | 2.0558872 |
| ENSG00000236575 | 10.33080166 | 0.001308284 | 0.013884444 | *ZNF26* | Zinc finger protein 26 isoform 1 precursor | 1.986342578 | 2.424596036 | 2.741715288 | 2.648919059 | 3.574876762 | 2.277045294 | 3.314777512 | 2.367631838 | 2.557849812 | 3.37E-07 | 3.192688454 | 1.848314735 | 3.11641182 | 9.75E-05 | 1.989633811 | 0.015861106 | 3.533034244 | 0 | 2.020603496 | 2.009318817 | 1.359178473 | 2.802793378 | -1.044130484 | 2.062123137 |
| ENSG00000155980 | 10.30170581 | 0.001329073 | 0.014028787 | *KIF5A* | Kinesin family member 5A | 0.115738286 | 0.296447923 | 0.15300782 | 0.029399914 | 0.312024263 | 0.165272779 | 1.98045837 | 0.087081694 | 0.182318379 | 0.124498127 | 0.239464131 | 0.286851772 | 0.282500569 | 0.06112563 | 0.180940418 | 0.042346991 | 0.300579508 | 0.144926829 | 0.216571236 | 0.087066143 | 0.13250178 | 0.396360298 | -1.580800717 | 2.991358285 |
| ENSG00000122122 | 10.28797605 | 0.001338999 | 0.014104428 | *SASH3* | SAM and SH3 domain containing 3 | 2.453558738 | 2.08144414 | 6.610982 | 0.076334916 | 0.65850135 | 0.138667563 | 0.989136599 | 0.227948926 | 0.083062279 | 0.020119263 | 0.965147253 | 1.415234974 | 1.300504547 | 0.402866336 | 0.247878176 | 0.075000387 | 0.77887823 | 1.033871678 | 1.033811545 | 0.401248161 | 0.587273634 | 1.512146072 | -1.364492735 | 2.574857755 |
| ENSG00000170745 | 10.2782414 | 0.001346082 | 0.014162787 | *KCNS3* | Potassium voltage-gated channel, delayed-rectifier, subfamily S, member 3 | 1.877229782 | 1.267034595 | 2.364183185 | 0.989731162 | 1.991768598 | 0.577851686 | 4.069742599 | 1.453199366 | 1.3404244 | 0.993966599 | 3.362851747 | 1.418117311 | 3.010032852 | 2.183153675 | 3.967288837 | 1.450508677 | 5.185389381 | 1.631218033 | 2.382932549 | 2.397038426 | 1.436181953 | 2.955184393 | -1.041009613 | 2.057667127 |
| ENSG00000117501 | 10.23934268 | 0.001374766 | 0.014383137 | *MROH9* | Maestro heat-like repeat family member 9 | 0.8154766 | 0.679467117 | 0.315347337 | 0.238486741 | 0.419245648 | 0.266177379 | 0.251994505 | 0.17703575 | 0.359046601 | 0.290900495 | 1.345582385 | 0.262211567 | 2.056815784 | 0.464734477 | 0.801940255 | 0.634291619 | 0.496652247 | 0.289063666 | 0.742873088 | 0.330347609 | 0.363271642 | 0.760497445 | -1.065894651 | 2.093467689 |
| ENSG00000173391 | 10.19399592 | 0.001408987 | 0.014656654 | *OLR1* | Oxidized low density lipoprotein (lectin-like) receptor 1 | 2.070161901 | 0.50585564 | 1.017780922 | 0.132570206 | 0.791283074 | 0.184490312 | 0.635904189 | 0.740524809 | 0.269535952 | 0.946825853 | 1.622490043 | 0.686665751 | 1.021025292 | 0.269151149 | 0.847703489 | 0.124706413 | 0.681536897 | 0.128616236 | 0.696349457 | 0.465806851 | 0.418521322 | 0.965377122 | -1.205791513 | 2.306637848 |
| ENSG00000135077 | 10.18786851 | 0.001413676 | 0.014672186 | *HAVCR2* | Hepatitis A virus cellular receptor 2 | 6.670728334 | 2.26578502 | 2.652924981 | 1.48422892 | 2.197393907 | 2.389636289 | 8.597086105 | 4.702458262 | 0.647326346 | 0.632488427 | 2.225605006 | 2.606045655 | 7.009929275 | 0.806607073 | 1.022575713 | 0.70269457 | 4.842696536 | 0.651992892 | 3.93186133 | 2.459965985 | 1.870190309 | 3.979812753 | -1.08951547 | 2.128025546 |
| ENSG00000089225 | 10.18260276 | 0.001417719 | 0.014689235 | *TBX5* | T-box 5 | 8.601516841 | 0.362665166 | 3.663269785 | 0.737735632 | 3.074507399 | 1.124054018 | 4.653625997 | 0.423022056 | 0.28116107 | 1.745809185 | 3.777879452 | 4.449616651 | 6.761172233 | 0.389798236 | 6.718121332 | 6.061099864 | 6.002911681 | 2.176019879 | 7.493300692 | 0.336773339 | 1.780659403 | 5.102746648 | -1.518862424 | 2.865650017 |
| ENSG00000167208 | 10.1706942 | 0.001426905 | 0.014751117 | *SNX20* | Sorting nexin 20 | 0.34676117 | 0.288499054 | 0.095084063 | 0.040316044 | 0.348348321 | 0.055925662 | 0.298514393 | 0.072050171 | 0.07678726 | 0.192275399 | 0.145970859 | 0.039520122 | 0.370327007 | 0 | 0.224064493 | 0.017641618 | 0.149972309 | 0.055446776 | 0.058955673 | 0.093001459 | 0.08546763 | 0.211478555 | -1.307061344 | 2.474370166 |
| ENSG00000102962 | 10.13334786 | 0.001456107 | 0.014940205 | *CCL22* | Chemokine (C-C motif) ligand 22 | 3.163841789 | 2.173898777 | 0.463922567 | 0.231379575 | 0.445749789 | 0.059409069 | 1.272622209 | 0.975239052 | 0.115090642 | 0.07559402 | 1.159987494 | 0.66464354 | 4.253201864 | 0.570843781 | 0.072542975 | 0.172897598 | 0.377753298 | 0.255141435 | 1.574855764 | 0.679634638 | 0.585868149 | 1.289956839 | -1.138674872 | 2.201786942 |
| ENSG00000186297 | 10.04280141 | 0.001529444 | 0.015497019 | *GABRA5* | Gamma-aminobutyric acid (GABA) A receptor, alpha 5 | 3.666019489 | 0.873139706 | 0.623119087 | 0.162645504 | 0.232944319 | 0.204327816 | 0.689053412 | 0.211807029 | 0.976193659 | 1.637310971 | 2.761889907 | 2.418116115 | 1.834590358 | 1.023318624 | 1.474550886 | 0.122248703 | 0.804911576 | 0.104915167 | 2.123566461 | 0.557536882 | 0.731536652 | 1.518683915 | -1.053819578 | 2.0760189 |
| ENSG00000233695 | 9.899939186 | 0.001652842 | 0.016510438 | *GAS6-AS1* | GAS6 antisense RNA 1 | 1.988956179 | 1.782708152 | 0.600722628 | 0.929624376 | 3.92252128 | 0.664111683 | 2.350584881 | 0.642064081 | 1.224827052 | 1.410477809 | 2.243395617 | 1.267195734 | 6.587291268 | 3.267622765 | 6.546030239 | 2.282375408 | 5.311482316 | 0.948069575 | 2.865224315 | 2.797027449 | 1.599127703 | 3.364103578 | -1.072936971 | 2.103711649 |
| ENSG00000124491 | 9.782949287 | 0.001761376 | 0.017386482 | *F13A1* | Coagulation factor XIII, A1 polypeptide | 5.233312423 | 3.420811351 | 9.120704005 | 1.060851609 | 3.927704645 | 3.608863673 | 6.860507578 | 1.948477315 | 0.548201595 | 0.655244351 | 3.117738751 | 1.900432194 | 3.442580816 | 3.420990866 | 0.922330009 | 0.373267004 | 6.529281416 | 0.388720552 | 2.366129322 | 1.042404467 | 1.782006338 | 4.206849056 | -1.239237586 | 2.360737426 |
| ENSG00000172243 | 9.74641954 | 0.001796723 | 0.017659443 | *CLEC7A* | C-type lectin domain family 7, member A | 1.344767116 | 1.340119019 | 1.227703296 | 0.183599215 | 2.505404987 | 0.46931247 | 2.597396941 | 1.16762022 | 0.432604017 | 0.789769433 | 4.488719928 | 1.067048774 | 3.117435951 | 0.597257784 | 0.658570195 | 0.933204682 | 1.716464038 | 0.566325406 | 1.093516662 | 1.297993648 | 0.841225065 | 1.918258313 | -1.189233265 | 2.280315212 |
| ENSG00000121577 | 9.733820989 | 0.00180908 | 0.017739971 | *POPDC2* | Popeye domain containing 2 | 12.84087565 | 1.03755537 | 7.135047068 | 2.51772174 | 2.26843307 | 3.039382691 | 1.909040631 | 2.65686508 | 1.593772158 | 1.137307613 | 0.883966265 | 0.676669304 | 7.083817964 | 1.314027485 | 1.889466067 | 0.563589618 | 1.343340231 | 1.314563518 | 7.667404115 | 0.446888267 | 1.470457069 | 4.461516322 | -1.601269454 | 3.034101721 |
| ENSG00000014257 | 9.627878659 | 0.001916458 | 0.018567902 | *ACPP* | Acid phosphatase, prostate | 0.872621249 | 0.355588573 | 0.100769842 | 0.181729338 | 0.427371728 | 0.181089302 | 0.323870425 | 0.533303905 | 0.564379464 | 0.189088993 | 0.641333533 | 0.098752799 | 1.189137792 | 0.134621797 | 0.616076096 | 0.187352627 | 2.511568864 | 0.057406903 | 1.080671409 | 0.253318287 | 0.217225252 | 0.83278004 | -1.938743665 | 3.833716526 |
| ENSG00000077063 | 9.614091258 | 0.0019309 | 0.018668416 | *CTTNBP2* | Cortactin binding protein 2 | 2.90581331 | 1.422521912 | 3.126518296 | 1.188424654 | 3.362977548 | 1.679334312 | 4.684440384 | 2.844459367 | 1.304936792 | 0.688207156 | 1.206004807 | 1.604984179 | 4.362336408 | 0.837453017 | 1.244494517 | 0.382001274 | 1.450342175 | 0.327498218 | 1.103222938 | 0.532106616 | 1.15069907 | 2.475108718 | -1.104981305 | 2.150960908 |
| ENSG00000138792 | 9.578821007 | 0.001968348 | 0.018977587 | *ENPEP* | Glutamyl aminopeptidase (aminopeptidase A) | 2.61150406 | 0.98433609 | 0.173354708 | 0.107382128 | 0.698642167 | 0.321560545 | 2.885851344 | 0.38890705 | 0.681466237 | 0.28222314 | 2.23157571 | 1.412107824 | 0.831670133 | 0.643239712 | 2.313763721 | 0.709336429 | 2.378844472 | 0.502376764 | 0.58054807 | 0.541936838 | 0.589340652 | 1.538722062 | -1.384558973 | 2.610921301 |
| ENSG00000160883 | 9.494280263 | 0.002061134 | 0.019637999 | *HK3* | Hexokinase 3 (white cell) | 6.416617113 | 2.427295279 | 1.897615988 | 1.294443427 | 1.325149556 | 0.847809566 | 6.908237761 | 1.671238913 | 0.702399018 | 0 | 3.326097429 | 6.030921408 | 6.700003764 | 2.002918399 | 0.923454016 | 0.270599866 | 8.333515803 | 2.704176626 | 3.22235821 | 1.297088525 | 1.854649201 | 3.975544866 | -1.100006269 | 2.143556239 |
| ENSG00000113319 | 9.324848827 | 0.00226067 | 0.021047614 | *RASGRF2* | Ras protein-specific guanine nucleotide-releasing factor 2 | 0.417828292 | 0.286469774 | 0.266959128 | 0.098670368 | 0.186090589 | 0.205144202 | 0.130249966 | 0.040903777 | 0.157492117 | 0.111610383 | 0.498381851 | 0.14308372 | 0.259611178 | 0.125080466 | 0.550092085 | 0.066135598 | 0.206298877 | 0.158329917 | 0.194275234 | 0.04073194 | 0.127616014 | 0.286727932 | -1.167873069 | 2.24680212 |
| ENSG00000115194 | 9.183705475 | 0.002441792 | 0.022337467 | *SLC30A3* | Solute carrier family 30 (zinc transporter), member 3 | 2.385309945 | 2.20642638 | 0.821144588 | 1.016025823 | 0.995839585 | 0.781987782 | 2.284667191 | 0.838529753 | 0.452414601 | 0.601098416 | 0.845660419 | 0.384669981 | 2.559626499 | 0.276702758 | 2.19139958 | 0.255179645 | 1.074885549 | 0.551184111 | 2.332324789 | 0.424440785 | 0.733624543 | 1.594327275 | -1.119833998 | 2.173219652 |
| ENSG00000151136 | 9.12746907 | 0.002517998 | 0.022818582 | *BTBD11* | BTB (POZ) domain containing 11 | 0.314378101 | 0.313445089 | 0.166174456 | 0.131296154 | 0.288125973 | 0.079879857 | 0.151471397 | 0.202139823 | 0.155276078 | 0.072160746 | 0.161510319 | 0.162574323 | 2.169635759 | 0.372411653 | 0.318367179 | 0.342201812 | 0.661402928 | 0.073139895 | 0.523140685 | 0.293910334 | 0.204315969 | 0.490948288 | -1.264769107 | 2.402887504 |
| ENSG00000256235 | 9.053044665 | 0.002622577 | 0.023541807 | *SMIM3* | Small integral membrane protein 3 | 0.150090711 | 0 | 0.589495721 | 0.284966485 | 0.13905169 | 0.29034304 | 0.626619811 | 0.140179716 | 0 | 0 | 0.617716511 | 0.632663143 | 1.238605619 | 0 | 0.274491799 | 0.26616074 | 0.433451904 | 0 | 1.675739452 | 0.511189524 | 0.212550265 | 0.574526322 | -1.434568934 | 2.703013906 |
| ENSG00000254605 | 9.023196297 | 0.002665748 | 0.023828209 | *RP11-626H12.2* | Lincrna | 3.800032785 | 1.998816913 | 4.047261447 | 3.433791554 | 1.223963311 | 1.075639758 | 5.674698184 | 1.263625581 | 1.707515639 | 0.877914767 | 2.676971128 | 0.75962929 | 1.847839279 | 0.142753124 | 3.332045421 | 2.023149534 | 1.300668903 | 0.604634445 | 4.033130535 | 1.299493411 | 1.347944838 | 2.964412663 | -1.136984835 | 2.199209182 |
| ENSG00000006074 | 8.999400604 | 0.002700682 | 0.024093545 | *CCL18* | Chemokine (C-C motif) ligand 18 (pulmonary and activation-regulated) | 5.53604037 | 0.600148581 | 0.169418275 | 0.130135563 | 1.035911117 | 1.290534298 | 1.388186742 | 2.268984794 | 0.321680313 | 0.798457467 | 1.936543422 | 0.593502273 | 2.179921809 | 0.704825478 | 2.646218232 | 0 | 1.540375073 | 0.053768526 | 1.967922017 | 0 | 0.644035698 | 1.872221737 | -1.539538749 | 2.90701547 |
| ENSG00000105825 | 8.818919689 | 0.002981231 | 0.02595325 | *TFPI2* | Tissue factor pathway inhibitor 2 | 16.84252168 | 36.4347722 | 10.17476004 | 9.956359242 | 35.33827631 | 16.91340429 | 23.6152894 | 16.20325062 | 27.40815277 | 35.12624802 | 95.05722094 | 30.92224645 | 353.9057972 | 48.91628497 | 69.59175932 | 25.34153247 | 194.8920021 | 23.41724007 | 165.0281793 | 93.68676705 | 33.69181054 | 99.1853959 | -1.557729755 | 2.943902222 |
| ENSG00000020633 | 8.809437089 | 0.002996765 | 0.026051421 | *RUNX3* | Runt-related transcription factor 3 | 1.671852024 | 0.872835975 | 0.274657346 | 0.052921094 | 0.43507441 | 0.166834886 | 0.555263682 | 0.367326284 | 0.288083423 | 0.113808303 | 4.272665572 | 1.38792588 | 1.713803695 | 0.560579557 | 0.575238698 | 0.292482672 | 0.391209585 | 0.383087219 | 1.011095815 | 0.527546061 | 0.472534793 | 1.118894425 | -1.24358145 | 2.36785617 |
| ENSG00000223947 | 8.785100025 | 0.003037009 | 0.026305613 | *AC016738.4* | Antisense | 0 | 0 | 0.247943126 | 0.156137419 | 0.283916125 | 0.167744321 | 0.299480609 | 0.082456768 | 0.287523678 | 0.10108296 | 0.158981091 | 0.05137551 | 0.077277114 | 0.015626598 | 0.28129866 | 0.0157609 | 0.099074219 | 0.080575527 | 0.084269941 | 0.081212895 | 0.07519729 | 0.181976456 | -1.274999235 | 2.419986894 |
| ENSG00000128564 | 8.783964576 | 0.0030389 | 0.026305613 | *VGF* | VGF nerve growth factor inducible | 0.811545103 | 0.37348278 | 0.069746802 | 0.131045773 | 0.484852991 | 0.165375939 | 0.12679245 | 0.033394856 | 0.208311699 | 0.221197165 | 0.295385571 | 0.122316643 | 2.69659966 | 0.766009918 | 0.608009713 | 0.279979846 | 0.484555698 | 0.331889169 | 0.640747707 | 0.496842918 | 0.292153501 | 0.642654739 | -1.137317294 | 2.199716033 |
| ENSG00000169302 | 8.707031555 | 0.00316985 | 0.02715746 | *STK32A* | Serine/threonine kinase 32A | 0.050029732 | 0.919721237 | 0.622943862 | 0.033160452 | 0.143971448 | 0.158375256 | 8.407211912 | 0.217835538 | 0.243281732 | 0.012054768 | 2.046434065 | 0.182324277 | 0.549781031 | 0.064820214 | 1.957374739 | 0.031130692 | 0.229636431 | 0.175392025 | 0.286586884 | 0.10209503 | 0.189690949 | 1.453725184 | -2.938031817 | 7.663650758 |
| ENSG00000149564 | 8.671092001 | 0.003232974 | 0.027544039 | *ESAM* | Endothelial cell adhesion molecule | 0.215761795 | 0.357112541 | 0.719549551 | 0.494514238 | 0.264170552 | 0.295812274 | 0.69601052 | 0.258377107 | 0.289935143 | 0 | 1.374041855 | 0.375463072 | 0.618298765 | 0.058627796 | 0.935350118 | 0.177952667 | 0.666551398 | 0.760262197 | 0.153923508 | 0.187857464 | 0.296597936 | 0.59335932 | -1.000397465 | 2.00055108 |
| ENSG00000173376 | 8.651712237 | 0.003267541 | 0.027735581 | *NDNF* | Neuron-derived neurotrophic factor | 1.714562421 | 0.208943951 | 0.586038813 | 0.482558067 | 3.68082617 | 0.465374102 | 2.413747887 | 0.455089015 | 0.600469022 | 1.542581235 | 1.178361881 | 1.852695158 | 1.528999411 | 0.496444218 | 1.100031944 | 0.958133616 | 0.88327458 | 0.328406349 | 1.806023998 | 0.346937026 | 0.713716274 | 1.549233613 | -1.118132135 | 2.170657543 |
| ENSG00000180287 | 8.553178179 | 0.003449195 | 0.028785101 | *PLD5* | Phospholipase D family, member 5 | 0.302981093 | 0.608372709 | 0.407621371 | 0.021205895 | 0.092917051 | 0.027738223 | 0.093031329 | 0.067959126 | 0.10990348 | 0 | 1.372933371 | 0.076818503 | 1.712908723 | 0.204923894 | 0.500059813 | 0.052009526 | 0.481379242 | 0.054224646 | 0.061178146 | 0.428577865 | 0.154183039 | 0.513491362 | -1.73569594 | 3.330401099 |
| ENSG00000225092 | 8.523937998 | 0.003505052 | 0.029171695 | *RP11-405O10.2* | Sense intronic | 0.461284812 | 0.266236324 | 0.164121891 | 0.288384067 | 0.20182002 | 0.267346485 | 0.209863119 | 0.296946524 | 0.160417832 | 0.040131841 | 0.448233519 | 0.044657437 | 0.85044313 | 0.037481418 | 0.112432124 | 0 | 0.471118512 | 0.299790581 | 0.081414084 | 0.03872698 | 0.157970166 | 0.316114904 | -1.00079694 | 2.001105099 |
| ENSG00000251664 | 8.491234421 | 0.003568616 | 0.029606773 | *PCDHA12* | Protocadherin alpha 12 | 0.141195749 | 0.24317479 | 0.421904971 | 0.044125525 | 0.162650164 | 0.262015939 | 0.331991894 | 0.02008393 | 0.088299475 | 0.092500033 | 0.076259383 | 0.146378833 | 0.466687612 | 0.03745789 | 0.232932721 | 0.058792024 | 0.108337513 | 0.035361738 | 0.430921778 | 0.115825305 | 0.105571601 | 0.246118126 | -1.221129118 | 2.331291032 |
| ENSG00000163106 | 8.461100106 | 0.003628223 | 0.029992878 | *HPGDS* | Hematopoietic prostaglandin D synthase | 1.231739087 | 0.902279426 | 0.597867639 | 0.043641508 | 0.546185562 | 0.043252795 | 0.962775451 | 0.726631609 | 0.044548049 | 0 | 0.799682352 | 0.383335743 | 1.036868656 | 0 | 0.252676228 | 0 | 0.744051493 | 0.189348731 | 0.799817639 | 0.836529821 | 0.312501963 | 0.701621216 | -1.166827119 | 2.245173784 |
| ENSG00000268518 | 8.429803897 | 0.003691202 | 0.030286646 | *CTD-2545M3.8* | Lincrna | 0.487950498 | 0.146896131 | 1.114781726 | 0.148280272 | 0.5809781 | 1.477413554 | 3.142425051 | 1.449624395 | 1.344844774 | 0 | 0.799376612 | 0.93381697 | 1.104913159 | 0 | 1.583053148 | 0.319447126 | 0.89953475 | 0.316783101 | 0.320233993 | 0.827101199 | 0.561936275 | 1.137809181 | -1.017780188 | 2.024801089 |
| ENSG00000147003 | 8.356118937 | 0.003843907 | 0.031195814 | *TMEM27* | Transmembrane protein 27 | 0.497001744 | 0.190454465 | 1.029157954 | 0.192184056 | 0.479031921 | 0.236521305 | 0.740572283 | 0.605651793 | 0.626527416 | 0.255221181 | 0.758445957 | 0.105249431 | 0.847012599 | 0.046633881 | 0.232633647 | 0.362809243 | 0.65253416 | 0.421367184 | 0.155533242 | 0.413609473 | 0.282970201 | 0.601845092 | -1.088742068 | 2.126885056 |
| ENSG00000169067 | 8.355552684 | 0.003845105 | 0.031195814 | *ACTBL2* | Actin, beta-like 2 | 0.161488549 | 0.212059056 | 0.242721009 | 0.094831262 | 0.187567236 | 0 | 0 | 0 | 0.16245236 | 0.075795909 | 0.47984597 | 0.104392909 | 0.022266367 | 0.023098421 | 0.29599554 | 0.066803807 | 0.233845107 | 0.092031866 | 0.203832778 | 0.111398231 | 0.078041146 | 0.199001492 | -1.350472376 | 2.54995604 |
| ENSG00000187957 | 8.21310175 | 0.0041589 | 0.033043827 | *DNER* | Delta/notch-like EGF repeat containing | 0.373008813 | 0.087685437 | 0.636254126 | 0.498846805 | 0.923141565 | 0.708946113 | 0.290477019 | 0.575876361 | 0.632532514 | 0.428594882 | 0.285823452 | 0.151356597 | 3.882180725 | 0.435853099 | 0.613230498 | 0.814126183 | 0.899195756 | 0.206835662 | 0.929732639 | 0.506477399 | 0.441459854 | 0.946557711 | -1.100408223 | 2.144153546 |
| ENSG00000071073 | 8.198879256 | 0.004191627 | 0.033243317 | *MGAT4A* | Mannosyl (alpha-1,3-)-glycoprotein beta-1,4-N-acetylglucosaminyltransferase, isozyme A | 1.395974001 | 0.514294372 | 0.462140871 | 0.070201449 | 0.284297386 | 0.412877682 | 2.001578502 | 0.796964532 | 0.107951585 | 0.03759951 | 0.703107176 | 0.232816452 | 1.088934333 | 0.400136521 | 0.11974047 | 0.164029505 | 1.047990669 | 0.203044722 | 1.238950737 | 0.296399339 | 0.312836408 | 0.845066573 | -1.433656574 | 2.701305061 |
| ENSG00000053524 | 8.192071214 | 0.004207386 | 0.033325112 | *MCF2L2* | MCF.2 cell line derived transforming sequence-like 2 | 1.893891616 | 0.694619151 | 0.262266137 | 0.328274064 | 0.229750017 | 0.525928043 | 1.336547722 | 0.269055922 | 0.786786033 | 0.208688182 | 1.396397969 | 0.315974346 | 0.500552811 | 0.371015067 | 0.399842822 | 0.310790361 | 0.478375403 | 0.312279485 | 0.249660294 | 0.184950274 | 0.35215749 | 0.753407082 | -1.097208829 | 2.139403831 |
| ENSG00000169860 | 8.14350015 | 0.004321579 | 0.034024092 | *P2RY1* | Purinergic receptor P2Y, G-protein coupled, 1 | 0.234141561 | 0.379368 | 0.03709312 | 0 | 0.245073872 | 0.219458431 | 0.354236802 | 0.106571173 | 0.055488346 | 0.094577203 | 0.039019896 | 0.01942091 | 0.891355322 | 0.159056851 | 0.087304878 | 0.085986913 | 0.256842914 | 0.017655712 | 0.401774428 | 0.178687978 | 0.126078317 | 0.260233114 | -1.045484371 | 2.06405923 |
| ENSG00000198848 | 8.078828127 | 0.00447854 | 0.034989783 | *CES1* | Carboxylesterase 1 | 2.185500558 | 2.786110906 | 7.515935766 | 6.82277721 | 11.75350493 | 6.490024287 | 4.301272927 | 2.288509914 | 2.880456694 | 5.591742729 | 1.610571889 | 0.686470631 | 19.40198314 | 1.537877061 | 0.786571231 | 0.268319375 | 4.085529819 | 0.974917014 | 5.616800559 | 1.304036585 | 2.875078571 | 6.013812751 | -1.064678565 | 2.091703792 |
| ENSG00000140379 | 7.918564433 | 0.004893008 | 0.037556702 | *BCL2A1* | BCL2-related protein A1 | 8.257314782 | 1.856492887 | 1.871321076 | 0.511401756 | 0.939363516 | 1.051877623 | 4.020036673 | 3.223460832 | 0.089686382 | 0.607885914 | 1.351788035 | 0.750245605 | 7.04518042 | 0.903732017 | 1.959693223 | 0.157744432 | 0.804118175 | 0.493768998 | 5.824627248 | 1.011128251 | 1.056773831 | 3.216312953 | -1.605741143 | 3.043520626 |
| ENSG00000225883 | 7.91090912 | 0.004913757 | 0.037645286 | *BMS1P11* | BMS1 pseudogene 11 | 0.115987799 | 0 | 0 | 0.000190705 | 0.58249034 | 0.623335889 | 1.121220666 | 0 | 0.96842079 | 0.000651319 | 0.035459938 | 0 | 0.848768929 | 0.721336946 | 0.723802733 | 0.59217634 | 0.578285663 | 0.184144837 | 0.556723165 | 0 | 0.212183604 | 0.553116002 | -1.382268904 | 2.606780132 |
| ENSG00000272017 | 7.857928195 | 0.005059834 | 0.038547116 | *RP1-199J3.7* | Antisense | 0.20285132 | 0.065861434 | 0.480347669 | 0.322921719 | 0.684668449 | 0 | 0.541227588 | 0.131136389 | 0.858701288 | 0.139404565 | 0.757170271 | 0.261065761 | 0.30358538 | 0.248604678 | 0.465686589 | 0.638267325 | 0.27777553 | 0.318863424 | 0.47710756 | 0.372490169 | 0.249861546 | 0.504912164 | -1.014903547 | 2.020767787 |
| ENSG00000113532 | 7.851011873 | 0.005079227 | 0.038662773 | *ST8SIA4* | ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 4 | 0.232353672 | 0.16719068 | 0.129383188 | 0.279970378 | 0.491969204 | 0.093938066 | 0.186652089 | 0.137571231 | 0.029878352 | 0.046643461 | 0.75607973 | 0.448165638 | 0.326882939 | 0.020397114 | 0.332225135 | 0.050494022 | 0.425017889 | 0.010432111 | 0.114187234 | 0.105515348 | 0.136031805 | 0.302462943 | -1.152814397 | 2.223472247 |
| ENSG00000118640 | 7.808745472 | 0.005199399 | 0.039349118 | *VAMP8* | Vesicle-associated membrane protein 8 | 6.96450811 | 3.831014499 | 3.426910429 | 1.463992269 | 5.739233118 | 1.326430142 | 7.775020967 | 0.793914461 | 0.384837039 | 1.350723223 | 5.377530643 | 4.112188694 | 6.505069459 | 2.898396596 | 3.222912038 | 1.160682743 | 5.364879013 | 3.152693302 | 2.516312333 | 2.141306158 | 2.223134209 | 4.727721315 | -1.08854995 | 2.126601847 |
| ENSG00000272755 | 7.692330208 | 0.005545598 | 0.04137228 | *RP11-326G21.1* | Antisense | 2.790858844 | 1.137202764 | 2.279863504 | 0.964953364 | 3.740749258 | 4.224502171 | 2.583519203 | 0.942721428 | 6.573362325 | 1.729051302 | 1.452839621 | 0.801177242 | 3.944029259 | 0.383865263 | 1.774357299 | 0.598618877 | 2.31665601 | 1.18070118 | 1.038716102 | 2.197480474 | 1.416027407 | 2.849495143 | -1.008857145 | 2.012316378 |
| ENSG00000196966 | 7.560570869 | 0.005965909 | 0.043535012 | *HIST1H3E* | Histone cluster 1, h3e | 2.862267616 | 3.058740527 | 1.035458772 | 0.948377148 | 4.521867966 | 0 | 2.501159032 | 1.837441074 | 0 | 0 | 1.692918191 | 0.959490917 | 5.21025311 | 0 | 1.649539088 | 0.335737122 | 3.441471907 | 0.327285802 | 1.023148098 | 3.10266082 | 1.056973341 | 2.393808378 | -1.179368681 | 2.264776495 |
| ENSG00000251314 | 7.510363567 | 0.006134499 | 0.044339987 | *CTD-2337A12.1* | Antisense | 1.876522847 | 2.010086848 | 0.645651374 | 0.325197622 | 3.063936638 | 1.448714417 | 6.021746891 | 1.04094865 | 4.026262922 | 0.181574691 | 1.743578433 | 2.506098976 | 2.063025167 | 2.07240859 | 5.820944477 | 0.187352675 | 2.127199956 | 0.37019202 | 0.960349375 | 2.645215192 | 1.278778968 | 2.834921808 | -1.148542022 | 2.21689743 |
| ENSG00000227195 | 7.504700622 | 0.006153817 | 0.04441198 | *MIR663A* | Microrna 663a | 10.14244289 | 13.39272672 | 8.275705212 | 6.394215779 | 79.98687359 | 4.28506092 | 17.76062631 | 3.012935299 | 8.714539336 | 2.964157911 | 8.285798198 | 12.18359206 | 30.35664723 | 13.06750585 | 28.43873218 | 15.42262403 | 30.51757358 | 10.35312414 | 10.79829856 | 20.25780168 | 10.13337444 | 23.32772371 | -1.202930863 | 2.302068659 |
| ENSG00000249550 | 7.393224533 | 0.006547002 | 0.046374594 | *RP11-438N16.1* | Lincrna | 2.425628135 | 0.046881499 | 0.601311352 | 1.25682274 | 1.464715997 | 0.443413411 | 1.376857828 | 0.34568328 | 1.169633131 | 0.889206869 | 1.275691155 | 2.024530469 | 0.964539442 | 0.434721677 | 0.769304999 | 0.943482154 | 1.769861493 | 0.632666056 | 5.700399766 | 0.487269908 | 0.750467806 | 1.75179433 | -1.222971315 | 2.334269792 |
| ENSG00000197943 | 7.387079811 | 0.006569406 | 0.046507907 | *PLCG2* | Phospholipase C, gamma 2 (phosphatidylinositol-specific) | 2.664099913 | 2.007310849 | 1.241350143 | 0.371107152 | 2.414081307 | 1.254199964 | 2.838951409 | 0.398140972 | 0.626807061 | 0.254471895 | 1.729174693 | 0.845974423 | 2.079119543 | 0.885170852 | 0.710632568 | 0.454127044 | 2.855652145 | 2.024470628 | 2.284648394 | 1.085983424 | 0.95809572 | 1.944451718 | -1.021121708 | 2.029496298 |
| ENSG00000183206 | 7.382398347 | 0.006586528 | 0.046582685 | *POTEC* | POTE ankyrin domain family, member C | 0.214341895 | 0.320810917 | 0.119806447 | 0.028440703 | 0.291711056 | 0.080790295 | 0.176863124 | 0.164308021 | 0.125544654 | 0.166619259 | 0.271523091 | 0.049049715 | 0.384373173 | 0.171399055 | 0.142954693 | 0.116804367 | 0.135101548 | 0.017890659 | 0.621014146 | 0.089123962 | 0.120523695 | 0.248323383 | -1.042903302 | 2.060369805 |
| ENSG00000131471 | 7.324189063 | 0.006803265 | 0.047723554 | *AOC3* | Amine oxidase, copper containing 3 | 2.109997436 | 0.475525722 | 0.94979306 | 0.423672264 | 3.249294617 | 0.931976655 | 4.092343339 | 0.921169996 | 0.719877269 | 0.275437682 | 1.534028702 | 0.68031918 | 0.173297961 | 0.355942524 | 1.247008208 | 0.529496079 | 1.735213873 | 1.405088718 | 1.417494607 | 0.620704977 | 0.66193338 | 1.722834907 | -1.380026531 | 2.602731574 |

target\_id: ensembl gene id; test\_stat: test statistics of differential expression analysis; pval: P value of differential expression analysis; qval: q value of differential expression analysis; ext\_gene: gene symbol; description: a short description about the gene; diseased: the average expression of the gene across 10 ADSC samples from diseased sides; normal: the average expression of the gene across 10 ADSC samples from normal sides; log2FC: log2 fold change of the average expression of ADSCs from diseased sides versus normal sides; AbsFoldChange: the absolute fold change. TPM, transcripts per million.