Expression levels (in unit of TPM) of 217 significantly up-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 |
| ENSG00000185960 | 49.83959584 | 1.67E–12 | 1.53E–08 | *SHOX* | Short stature homeobox | 0 | 0.660941561 | 0.196695003 | 0.648804182 | 0.028553921 | 1.291788495 | 0 | 1.093747794 | 0.340829422 | 2.429363632 | 0.048256338 | 1.136020481 | 0.079477268 | 1.059630098 | 0 | 0.605973216 | 0.057199415 | 2.40230253 | 0.014012498 | 0.783631208 | 1.21122032 | 0.076502386 | 3.98481275 | 15.83245145 |
| ENSG00000119139 | 41.10273368 | 1.44E–10 | 0.000000321 | *TJP2* | Tight junction protein 2 | 10.16948031 | 23.13250963 | 9.190040882 | 31.29045336 | 6.283408122 | 25.78651261 | 7.304431872 | 29.42865009 | 11.16568987 | 15.58716801 | 7.561459616 | 16.28653767 | 9.615284817 | 21.6760737 | 9.158583927 | 25.03737779 | 7.21137355 | 25.58141895 | 11.0032539 | 18.17571846 | 23.19824203 | 8.866300687 | 1.387611286 | 2.616451082 |
| ENSG00000173546 | 39.95146112 | 2.6E–10 | 0.000000407 | *CSPG4* | Chondroitin sulfate proteoglycan 4 | 28.1071503 | 51.29260573 | 5.067766057 | 12.16540255 | 8.25938412 | 13.06915139 | 5.166408419 | 8.521993805 | 8.800742088 | 11.50010554 | 13.61389559 | 30.11026233 | 15.24725614 | 49.12209795 | 23.25516851 | 52.71565236 | 20.45848028 | 34.15884644 | 14.99383418 | 33.63449396 | 29.62906121 | 14.29700857 | 1.051299599 | 2.072395849 |
| ENSG00000092607 | 38.65052789 | 5.07E–10 | 0.000000597 | *TBX15* | T-box 15 | 6.520017027 | 20.26006174 | 9.834916327 | 19.22037779 | 10.0565837 | 18.06313836 | 9.680864154 | 17.67933489 | 18.5903063 | 21.52522334 | 10.44333923 | 32.58075887 | 6.867205612 | 19.28524922 | 7.914736045 | 24.06122313 | 11.7137471 | 28.12060777 | 10.39949936 | 23.48443674 | 22.42804118 | 10.20212149 | 1.136434439 | 2.198370331 |
| ENSG00000149451 | 38.47272258 | 5.55E–10 | 0.0000006 | *ADAM33* | ADAM metallopeptidase domain 33 | 10.52419045 | 22.23913009 | 38.08351215 | 104.7033484 | 33.12262945 | 111.5086023 | 36.87290906 | 120.7639166 | 74.16208328 | 108.1235652 | 19.07884532 | 45.57933672 | 25.43092142 | 58.30007299 | 40.19874049 | 60.46644117 | 18.93104884 | 37.10509295 | 23.78247429 | 34.03637285 | 70.28258792 | 32.01873547 | 1.134250983 | 2.195045709 |
| ENSG00000152977 | 37.31846348 | 0.000000001 | 0.000000796 | *ZIC1* | Zic family member 1 | 1.200502758 | 22.20341523 | 0.248112129 | 20.19013698 | 0.390398529 | 20.06437209 | 1.839461203 | 24.83080187 | 33.17241643 | 27.74990066 | 0.05611842 | 47.5192065 | 0.749107464 | 28.26296129 | 0.219957431 | 33.32913899 | 0.427974932 | 32.92893399 | 2.771707494 | 38.23353747 | 29.53124051 | 4.107575679 | 2.845882899 | 7.189457436 |
| ENSG00000184661 | 36.99648802 | 1.18E–09 | 0.000000845 | *CDCA2* | Cell division cycle associated 2 | 5.402214169 | 12.32698042 | 1.606369211 | 3.534114095 | 1.841859235 | 3.31064696 | 0.991531956 | 3.092501439 | 1.800925304 | 2.94152106 | 5.812963408 | 9.247007106 | 2.835111602 | 14.04538537 | 5.761615041 | 12.96610809 | 5.407974445 | 13.35196892 | 4.09629944 | 10.07233295 | 8.488856641 | 3.555686381 | 1.25544217 | 2.387403087 |
| ENSG00000174963 | 36.92468372 | 1.23E–09 | 0.000000845 | *ZIC4* | ZIC family member 4 | 0.146415994 | 10.94294199 | 0.144673023 | 13.60432833 | 0.606421551 | 10.82764718 | 0.668342565 | 13.56571621 | 22.92873708 | 12.49947529 | 0.490465217 | 12.82938204 | 0.101211091 | 12.31779369 | 0.028686425 | 8.977391437 | 0.208548943 | 18.0506258 | 0.174888237 | 12.341792 | 12.5957094 | 2.549839013 | 2.304454309 | 4.939805743 |
| ENSG00000136999 | 35.54525114 | 2.49E–09 | 0.00000115 | *NOV* | Nephroblastoma overexpressed | 88.13472426 | 97.26716378 | 38.60636249 | 125.8402558 | 28.1288211 | 90.57273585 | 32.25985102 | 92.17569612 | 37.70959965 | 63.89750921 | 23.26057156 | 57.97915932 | 52.73828142 | 144.8133237 | 25.0977551 | 92.51387099 | 24.46238651 | 96.04989729 | 40.0695355 | 62.05027606 | 92.31598881 | 39.04678886 | 1.241376631 | 2.364240223 |
| ENSG00000153993 | 35.53691774 | 2.5E–09 | 0.00000115 | *SEMA3D* | SEMA domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3D | 9.557976227 | 31.8004129 | 21.0916357 | 45.48046595 | 13.05718865 | 49.78265489 | 18.82156744 | 39.54268343 | 28.75682043 | 34.80374544 | 16.11260791 | 35.78407939 | 5.692891079 | 33.18043633 | 12.18780387 | 25.08178166 | 14.68464702 | 41.90842023 | 8.819762777 | 23.62757643 | 36.09922567 | 14.87829011 | 1.278759157 | 2.426302041 |
| ENSG00000137962 | 34.46375939 | 4.34E–09 | 0.00000142 | *ARHGAP29* | Rho GTPase activating protein 29 | 10.64385329 | 24.70552848 | 16.58128994 | 33.68431166 | 13.47414707 | 34.47841143 | 13.4746332 | 25.4188326 | 33.31695308 | 32.41702406 | 9.888306769 | 22.42312987 | 9.4803181 | 26.3145441 | 12.00071845 | 28.23917726 | 8.317048935 | 25.72974761 | 10.1143103 | 23.37148436 | 27.67821914 | 13.72915791 | 1.011507981 | 2.016017247 |
| ENSG00000164236 | 34.3769107 | 4.54E–09 | 0.00000146 | *ANKRD33B* | Ankyrin repeat domain 33B | 1.419989885 | 4.435465894 | 2.542039551 | 5.065276612 | 0.663860256 | 3.61369759 | 1.218847726 | 5.972908548 | 1.456354871 | 2.957627521 | 0.763572996 | 1.555647948 | 1.428771767 | 2.759763093 | 0.681343807 | 2.683762359 | 0.469757291 | 2.191882216 | 0.777113423 | 1.164468245 | 3.240050003 | 1.142165157 | 1.504244798 | 2.836761375 |
| ENSG00000198846 | 34.05795266 | 5.35E–09 | 0.00000162 | *TOX* | Thymocyte selection-associated high mobility group box | 0.118714771 | 1.201366739 | 0.046163882 | 0.466021527 | 0.17902253 | 0.632542018 | 0.248980535 | 0.737776868 | 0.527851024 | 1.095318403 | 0.096807744 | 0.744423476 | 0.113421269 | 1.94298702 | 0.014475808 | 0.791247412 | 0.029895899 | 1.419055095 | 0.04855815 | 1.377309682 | 1.040804824 | 0.142389161 | 2.869788318 | 7.309579014 |
| ENSG00000142621 | 33.9704264 | 5.6E–09 | 0.00000165 | *FHAD1* | Forkhead-associated (FHA) phosphopeptide binding domain 1 | 3.776296984 | 6.77159894 | 1.27402479 | 4.74454467 | 3.233216163 | 5.999818617 | 1.252026539 | 3.150121467 | 6.443547726 | 7.411391758 | 2.052079654 | 9.908889589 | 4.005369467 | 6.958160612 | 4.937725426 | 19.54340866 | 0.999721921 | 3.112305042 | 1.784551981 | 7.174017463 | 7.477425682 | 2.975856065 | 1.329236918 | 2.512697361 |
| ENSG00000183801 | 33.75732955 | 6.24E–09 | 0.00000172 | *OLFML1* | Olfactomedin-like 1 | 13.56306205 | 26.45659605 | 43.58055264 | 100.4616698 | 24.63080995 | 69.16429158 | 31.5471263 | 88.58753666 | 30.59713918 | 42.85810439 | 13.2146145 | 24.90910523 | 8.41375846 | 23.60759603 | 18.2980862 | 29.79176708 | 12.18167003 | 23.98941532 | 15.42938184 | 17.43777213 | 44.72638543 | 21.14562012 | 1.080767302 | 2.115160737 |
| ENSG00000106511 | 33.08257022 | 8.83E–09 | 0.00000224 | *MEOX2* | Mesenchyme homeobox 2 | 3.625381374 | 16.31444368 | 4.446844036 | 15.19545309 | 2.934216789 | 12.2523502 | 4.507610345 | 12.52059702 | 4.015404834 | 5.106873205 | 7.599582647 | 12.15618907 | 0.847870545 | 5.967889489 | 4.331965419 | 13.7783524 | 2.585490487 | 20.30208617 | 3.755107356 | 9.151715591 | 12.27459499 | 3.864947383 | 1.667154744 | 3.175876351 |
| ENSG00000129467 | 31.74010015 | 1.76E–08 | 0.00000365 | *ADCY4* | Adenylate cyclase 4 | 1.374903049 | 3.745917113 | 6.046814299 | 12.6311299 | 4.199661439 | 12.07328657 | 8.461795794 | 20.35368009 | 8.600003966 | 7.846371493 | 2.148351543 | 5.789249727 | 2.925014029 | 4.845884284 | 1.009209926 | 2.019305607 | 1.526178144 | 4.633124316 | 3.255739281 | 6.008922313 | 7.994687142 | 3.954767147 | 1.015448825 | 2.021531697 |
| ENSG00000129810 | 31.61870697 | 1.88E–08 | 0.00000374 | *SGOL1* | Shugoshin-like 1 (*S. Pombe*) | 4.109903461 | 7.946207681 | 1.054862226 | 2.718730908 | 0.728408823 | 2.32494468 | 0.348279951 | 0.991459436 | 0.728799069 | 1.362254673 | 3.429508479 | 6.696843569 | 1.525835015 | 7.275905741 | 3.675681007 | 7.214081579 | 3.935645616 | 8.149111603 | 3.283232611 | 5.892589762 | 5.057212963 | 2.282015626 | 1.148033862 | 2.216116711 |
| ENSG00000272016 | 31.36289762 | 2.14E–08 | 0.00000409 | *RP11-215G15.5* | Lincrna | 2.846840728 | 5.780616803 | 4.866299844 | 11.18924736 | 1.025858733 | 6.018253829 | 2.429893697 | 10.12790224 | 4.25324969 | 4.933720857 | 1.247543639 | 2.763970105 | 2.458615655 | 5.18171256 | 1.260725374 | 2.958034847 | 0.673326515 | 3.195438777 | 1.753555901 | 3.345809806 | 5.549470719 | 2.281590978 | 1.282309999 | 2.432281147 |
| ENSG00000164761 | 31.08796698 | 2.47E–08 | 0.00000441 | *TNFRSF11B* | Tumor necrosis factor receptor superfamily, member 11b | 14.82142714 | 43.62539678 | 17.52392462 | 57.72235285 | 13.2787623 | 32.57674677 | 11.64892648 | 36.15861583 | 40.15897538 | 68.05878211 | 22.80452177 | 49.22057665 | 2.776479906 | 54.65246735 | 6.604634144 | 53.7432443 | 5.322428452 | 60.83474704 | 2.39154474 | 19.2041055 | 47.57970352 | 13.73316249 | 1.792682392 | 3.464584617 |
| ENSG00000161249 | 31.07404043 | 2.48E–08 | 0.00000441 | *DMKN* | Dermokine | 35.53209967 | 107.1068136 | 184.9458268 | 458.3142021 | 105.2044926 | 433.4759747 | 214.2486741 | 955.8859531 | 155.6780087 | 184.3216514 | 47.85096405 | 77.11820975 | 15.56487819 | 71.76293496 | 25.16447832 | 51.60655282 | 25.3658839 | 87.53410715 | 56.45729358 | 77.54787302 | 250.4674273 | 86.60126 | 1.532163076 | 2.892191491 |
| ENSG00000129465 | 30.81798726 | 2.83E–08 | 0.00000469 | *RIPK3* | Receptor-interacting serine-threonine kinase 3 | 1.808296715 | 4.380429477 | 3.9184564 | 5.844385775 | 2.533475574 | 7.469723577 | 3.190242278 | 9.531959593 | 6.103902216 | 8.904271674 | 4.903491204 | 7.26034968 | 1.652587445 | 5.917436816 | 1.981981546 | 5.803324516 | 3.831527246 | 8.625782727 | 2.797282058 | 5.785033149 | 6.952269698 | 3.272124268 | 1.08725651 | 2.124696108 |
| ENSG00000123485 | 28.57175331 | 9.03E–08 | 0.0000118 | *HJURP* | Holliday junction recognition protein | 13.34873069 | 25.19101696 | 1.715547078 | 3.759544727 | 1.72393457 | 4.888335435 | 1.15655018 | 3.311346298 | 2.331515639 | 3.701488534 | 9.223291187 | 20.6940459 | 2.523513346 | 30.23829478 | 10.29610419 | 20.69213601 | 10.80629942 | 27.53049967 | 6.332629338 | 16.16187371 | 15.6168582 | 5.945811564 | 1.393158595 | 2.626530968 |
| ENSG00000165244 | 28.06274108 | 0.000000117 | 0.0000143 | *ZNF367* | Zinc finger protein 367 | 4.062803541 | 6.100436011 | 1.067399739 | 3.453773967 | 1.178666219 | 2.757089676 | 1.750270635 | 2.399925152 | 1.545459487 | 2.076065758 | 1.938905707 | 3.606408544 | 1.045519393 | 5.958433819 | 2.459446263 | 6.137007069 | 2.430242419 | 4.941190602 | 1.864799057 | 5.390656957 | 4.282098756 | 1.934351246 | 1.14646828 | 2.213713132 |
| ENSG00000142731 | 27.69019195 | 0.000000142 | 0.0000157 | *PLK4* | Polo-like kinase 4 | 6.301007509 | 13.84100359 | 2.342366315 | 3.986645191 | 1.298704211 | 2.379207863 | 1.685272493 | 6.164157542 | 2.060272934 | 3.257819864 | 5.985391074 | 8.015283324 | 3.102195505 | 17.86996655 | 12.51712353 | 19.88146908 | 8.122338205 | 17.16690145 | 3.926898365 | 13.71880352 | 10.6281258 | 4.734157014 | 1.166707748 | 2.244988023 |
| ENSG00000166035 | 27.31646986 | 0.000000173 | 0.0000178 | *LIPC* | Lipase, hepatic | 0.855357556 | 1.805078629 | 1.559646157 | 3.11976429 | 1.337961281 | 4.033977954 | 1.053025596 | 5.030407488 | 2.353482384 | 2.804110602 | 1.264194931 | 2.294818396 | 1.285028864 | 2.650031234 | 0.544298108 | 2.175114609 | 1.328234984 | 2.926797078 | 1.571350936 | 1.92308823 | 2.876318851 | 1.31525808 | 1.1288777 | 2.186885521 |
| ENSG00000138778 | 27.12773756 | 0.00000019 | 0.0000189 | *CENPE* | Centromere protein E, 312kda | 7.440798893 | 12.263917 | 1.69203334 | 2.839806916 | 1.341365809 | 8.433525346 | 0.848058623 | 2.687307072 | 1.142124132 | 4.140373283 | 4.813510874 | 10.58271506 | 1.345494809 | 12.16081029 | 6.956423785 | 11.40898893 | 5.691254451 | 13.69357884 | 4.506205141 | 6.891403938 | 8.510242667 | 3.577726986 | 1.25015697 | 2.378673024 |
| ENSG00000154930 | 27.0929293 | 0.000000194 | 0.0000191 | *ACSS1* | Acyl-coa synthetase short-chain family member 1 | 3.47387156 | 6.358514683 | 1.835291652 | 4.972330933 | 2.217181236 | 6.885996625 | 1.237856124 | 5.29160401 | 4.059027315 | 3.708618725 | 1.706856732 | 3.659053032 | 1.595700231 | 3.469642843 | 0.888674117 | 1.384711415 | 2.385508204 | 5.038905027 | 3.309818792 | 4.909629533 | 4.567900683 | 2.270978596 | 1.008217174 | 2.011423925 |
| ENSG00000161800 | 26.75707573 | 0.000000231 | 0.0000217 | *RACGAP1* | Rac GTPase activating protein 1 | 30.77330402 | 52.90563443 | 9.3125445 | 20.5568992 | 10.54238043 | 17.38861607 | 9.451227834 | 15.40821205 | 8.552262422 | 12.73142427 | 30.32361739 | 45.36243305 | 7.843221782 | 56.62082385 | 32.35886853 | 54.37990404 | 33.73662456 | 62.86302329 | 21.62763734 | 50.99519836 | 38.92121686 | 19.45216888 | 1.000625794 | 2.000867723 |
| ENSG00000143469 | 26.39404673 | 0.000000278 | 0.0000257 | *SYT14* | Synaptotagmin XIV | 0.222898003 | 0.911786749 | 1.873104704 | 4.403357663 | 0.245150015 | 1.415272665 | 0.871648017 | 1.441127245 | 0.521000638 | 0.704167987 | 0.479191689 | 0.984192637 | 0.593933066 | 1.564470073 | 0.551554304 | 3.313523936 | 0.675136829 | 0.937847986 | 0.369392603 | 0.744308443 | 1.642005538 | 0.640300987 | 1.358636855 | 2.564427624 |
| ENSG00000243509 | 26.2730895 | 0.000000296 | 0.0000264 | *TNFRSF6B* | Tumor necrosis factor receptor superfamily, member 6b, decoy | 2.985111223 | 5.345836856 | 0.523391254 | 2.530587332 | 0.040232704 | 1.623807144 | 1.273068195 | 2.867228306 | 0 | 1.094040338 | 0 | 0.49060772 | 2.250090652 | 7.415562939 | 0.451360313 | 3.640402012 | 1.045374253 | 4.430065185 | 0 | 2.63876081 | 3.207689864 | 0.856862859 | 1.904398436 | 3.743527718 |
| ENSG00000171812 | 25.92155401 | 0.000000356 | 0.0000294 | *COL8A2* | Collagen, type VIII, alpha 2 | 2.860536298 | 13.63781354 | 9.140160344 | 23.45572638 | 5.297473579 | 20.74991289 | 5.786296122 | 22.58790807 | 28.60226136 | 19.26456278 | 4.261986804 | 7.367630705 | 1.736184874 | 9.06967274 | 9.063394877 | 15.91206889 | 5.107287911 | 11.59328111 | 3.66883773 | 13.16916792 | 15.6807745 | 7.55244199 | 1.053981716 | 2.076252227 |
| ENSG00000171241 | 25.91448344 | 0.000000357 | 0.0000294 | *SHCBP1* | SHC SH2-domain binding protein 1 | 14.5777326 | 28.25523936 | 1.708362369 | 4.844218339 | 2.585461051 | 3.938722834 | 2.160161164 | 4.453942309 | 3.148675225 | 2.725058635 | 12.99351053 | 18.93877937 | 4.003651045 | 25.88812452 | 15.61017368 | 30.2083362 | 18.50365926 | 27.67580294 | 9.85532923 | 24.02991077 | 17.09581353 | 8.514671615 | 1.005620281 | 2.00780656 |
| ENSG00000248698 | 25.86446523 | 0.000000366 | 0.0000299 | *LINC01085* | Long intergenic non-protein coding RNA 1085 | 16.17122195 | 24.07499821 | 3.76879567 | 6.508414501 | 3.622357671 | 12.83087675 | 6.834905038 | 9.52636699 | 3.172836179 | 4.038952286 | 3.201990053 | 5.244898748 | 8.341597176 | 15.73336003 | 3.688673936 | 16.58177692 | 2.011190919 | 9.789151691 | 7.293767923 | 13.84250118 | 11.81712973 | 5.810733651 | 1.024087429 | 2.033672586 |
| ENSG00000106976 | 25.55183512 | 0.000000431 | 0.0000337 | *DNM1* | Dynamin 1 | 2.944775741 | 14.64964614 | 16.81184305 | 60.67432338 | 9.339502761 | 46.93910591 | 14.81610362 | 69.64048302 | 66.61782456 | 46.66250617 | 10.64426509 | 21.44809193 | 4.860379379 | 17.25109434 | 11.39903038 | 20.64373781 | 9.620446391 | 23.54616523 | 10.08114206 | 18.2796584 | 33.97348123 | 15.7135313 | 1.112401623 | 2.162052601 |
| ENSG00000064205 | 25.46155715 | 0.000000451 | 0.0000349 | *WISP2* | WNT1 inducible signaling pathway protein 2 | 41.01690228 | 124.2538381 | 361.353753 | 739.6104852 | 147.1385646 | 707.6361196 | 263.5595184 | 833.9321169 | 383.8683105 | 447.6972991 | 98.89865382 | 180.5338282 | 178.1846952 | 247.7328081 | 87.38694888 | 189.3529407 | 42.96938256 | 177.5740484 | 126.2560564 | 148.710725 | 379.7034209 | 173.0632786 | 1.133573358 | 2.194014953 |
| ENSG00000214826 | 25.21182812 | 0.000000514 | 0.0000377 | *DDX12P* | DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 12, pseudogene | 0.651487465 | 1.446095678 | 0.219266505 | 0.778979636 | 0.154191519 | 0.345674719 | 0.249681874 | 0.493924514 | 0.159079859 | 0.197308417 | 0.361615061 | 0.868036087 | 0.240725659 | 1.118363871 | 0.739982808 | 1.476371642 | 0.660694798 | 1.345538961 | 0.778456728 | 0.962773101 | 0.903306663 | 0.421518228 | 1.099620831 | 2.142983632 |
| ENSG00000146670 | 25.11383405 | 0.00000054 | 0.0000391 | *CDCA5* | Cell division cycle associated 5 | 9.285416786 | 18.90565005 | 2.063260615 | 5.797939525 | 2.706099978 | 3.379371716 | 2.758624669 | 5.436115252 | 2.449346609 | 3.614067902 | 9.686752909 | 17.11323356 | 2.556243888 | 17.38161566 | 10.81418074 | 18.4977538 | 9.021461612 | 18.29907536 | 6.707619869 | 12.04094069 | 12.04657635 | 5.804900767 | 1.053279879 | 2.075242426 |
| ENSG00000109805 | 24.97400049 | 0.000000581 | 0.0000413 | *NCAPG* | Non-SMC condensin I complex, subunit G | 9.427501888 | 21.1107252 | 1.661929978 | 4.827494901 | 1.655644336 | 7.692269885 | 1.292647901 | 5.182495852 | 2.170272953 | 1.799705819 | 14.81030535 | 18.49532643 | 2.672158078 | 22.04791074 | 11.71703872 | 29.39720239 | 12.13761821 | 29.45082658 | 8.569698155 | 19.82172771 | 15.98256855 | 6.611481558 | 1.273453777 | 2.417395921 |
| ENSG00000197457 | 24.52633438 | 0.000000733 | 0.0000504 | *STMN3* | Stathmin-like 3 | 17.20299931 | 51.76864884 | 5.318910458 | 14.26285164 | 5.337770901 | 16.16074177 | 7.197009296 | 22.75694852 | 15.597925 | 9.675904697 | 7.13633268 | 13.7771976 | 6.781547803 | 20.12085435 | 10.49745447 | 12.96905084 | 14.34239418 | 33.71250944 | 8.888163124 | 20.47842594 | 21.56831336 | 9.830050722 | 1.133642597 | 2.194120252 |
| ENSG00000162545 | 24.12853715 | 0.000000901 | 0.0000583 | *CAMK2N1* | Calcium/calmodulin-dependent protein kinase II inhibitor 1 | 4.629890393 | 7.747656219 | 7.73664092 | 29.30464299 | 6.388156927 | 26.13663037 | 12.79630169 | 38.35657265 | 18.62636734 | 28.88677336 | 3.791859955 | 6.760928898 | 15.19760203 | 12.33435249 | 5.004334188 | 10.11513964 | 4.836066929 | 8.711166086 | 2.745712645 | 5.370888424 | 17.37247511 | 8.175293301 | 1.087460919 | 2.124997168 |
| ENSG00000111665 | 23.79739772 | 0.00000107 | 0.0000672 | *CDCA3* | Cell division cycle associated 3 | 20.40917182 | 37.92291903 | 2.688477745 | 8.298768403 | 1.915564987 | 6.043424159 | 2.580062191 | 6.649765356 | 3.995574698 | 5.03196663 | 17.24842301 | 33.0249376 | 4.747468664 | 43.43867239 | 21.93545648 | 29.07080212 | 17.62764141 | 42.70328243 | 10.52149452 | 16.53715811 | 22.87216962 | 10.36693355 | 1.141604004 | 2.206261814 |
| ENSG00000122121 | 23.6828615 | 0.00000114 | 0.0000694 | *XPNPEP2* | X-prolyl aminopeptidase (aminopeptidase P) 2, membrane-bound | 0.791230095 | 5.263869873 | 11.10787803 | 28.84124764 | 2.191522547 | 13.85409457 | 4.880460413 | 19.63410191 | 7.167545785 | 7.416599947 | 2.042059615 | 3.20190167 | 1.105649381 | 4.353553206 | 2.469424671 | 6.411603297 | 1.278987181 | 5.87258954 | 3.14862275 | 2.958011452 | 9.78075731 | 3.618338047 | 1.434618976 | 2.703107665 |
| ENSG00000134690 | 23.50627405 | 0.00000125 | 0.0000742 | *CDCA8* | Cell division cycle associated 8 | 9.369265504 | 22.18635694 | 1.550398389 | 3.935127254 | 1.965010141 | 4.09962676 | 1.18114587 | 3.64460059 | 1.77952939 | 2.085593122 | 9.543911545 | 15.44300662 | 2.113727927 | 24.596882 | 11.56844944 | 21.93090101 | 11.47402282 | 26.17779768 | 6.65453468 | 16.5134263 | 14.06133183 | 5.719999571 | 1.297646303 | 2.458274979 |
| ENSG00000225968 | 23.25921264 | 0.00000142 | 0.0000823 | *ELFN1* | Extracellular leucine-rich repeat and fibronectin type III domain containing 1 | 4.756391413 | 9.10048505 | 3.661880031 | 12.52074042 | 2.984386345 | 10.48755487 | 5.768845309 | 14.15350144 | 6.850218978 | 16.22119362 | 6.343997464 | 15.25943401 | 4.338538336 | 9.571830636 | 6.18705831 | 11.89554611 | 4.196939693 | 14.91502408 | 10.16035471 | 6.374753914 | 12.05000641 | 5.524861059 | 1.125023826 | 2.181051485 |
| ENSG00000124749 | 23.17842102 | 0.00000148 | 0.0000845 | *COL21A1* | Collagen, type XXI, alpha 1 | 0.134339447 | 0.909192024 | 2.881460882 | 6.116017346 | 2.251033468 | 12.66964215 | 7.038737853 | 11.19044486 | 2.816229139 | 2.70716216 | 1.147146748 | 3.475853121 | 0.6782509 | 0.792773107 | 0.394984944 | 3.241110394 | 0.652286552 | 2.796687775 | 0.641957344 | 1.689442174 | 4.558832511 | 1.863642728 | 1.290539094 | 2.446194458 |
| ENSG00000175063 | 23.14598773 | 0.0000015 | 0.0000851 | *UBE2C* | Ubiquitin-conjugating enzyme E2C | 60.43077437 | 107.1411729 | 4.71991706 | 18.0224134 | 5.217343547 | 13.29847155 | 2.193221097 | 12.71197543 | 9.719429958 | 9.672132363 | 43.74730078 | 75.8035859 | 7.361305325 | 100.2266909 | 54.73526419 | 89.41055661 | 52.09886182 | 117.4311143 | 23.72228374 | 76.71014635 | 62.04282597 | 26.39457019 | 1.233023228 | 2.350590501 |
| ENSG00000101938 | 23.11738017 | 0.00000152 | 0.0000858 | *CHRDL1* | Chordin-like 1 | 3.508898866 | 3.640089741 | 8.230490073 | 18.06529309 | 3.232242338 | 18.53064019 | 4.572290677 | 23.06709697 | 5.943799405 | 8.677449386 | 8.642585058 | 12.12330052 | 2.282263702 | 6.936743788 | 4.105593929 | 8.968974894 | 2.018281073 | 5.013017393 | 1.777730312 | 2.833311237 | 10.78559172 | 4.431417543 | 1.283265154 | 2.433892003 |
| ENSG00000022267 | 23.0595035 | 0.00000157 | 0.0000877 | *FHL1* | Four and a half LIM domains 1 | 135.7732732 | 331.2001414 | 132.1869677 | 197.4623697 | 94.60631375 | 201.7684715 | 112.1316285 | 146.1889311 | 112.3550018 | 143.9098312 | 163.0996219 | 226.1067636 | 33.18671537 | 247.8824954 | 113.3959165 | 293.6997294 | 75.01004899 | 310.397387 | 110.8104485 | 231.1080742 | 232.9724194 | 108.2555936 | 1.105717599 | 2.152058953 |
| ENSG00000122966 | 22.91738136 | 0.00000169 | 0.000093 | *CIT* | Citron (rho-interacting, serine/threonine kinase 21) | 11.43669234 | 16.32735283 | 1.433685925 | 5.469434199 | 1.374299163 | 6.289029424 | 1.217904282 | 4.888187307 | 2.526139583 | 1.738324679 | 7.97582902 | 12.0701114 | 3.029746436 | 24.11779133 | 8.746816393 | 21.07811873 | 8.139501203 | 15.59472551 | 4.65015556 | 11.3952064 | 11.89682818 | 5.053076991 | 1.23534292 | 2.354373029 |
| ENSG00000251196 | 22.83354102 | 0.00000177 | 0.0000958 | *RP11-54F2.1* | Pseudogene | 2.507379118 | 9.526158685 | 7.447537778 | 16.17996582 | 1.012218591 | 10.9450834 | 2.635384184 | 16.196494 | 10.7470177 | 5.536945308 | 0.912953418 | 2.348457562 | 2.466479922 | 7.442960361 | 2.932964434 | 5.107881417 | 1.052398753 | 4.90696893 | 1.672407396 | 6.346333349 | 8.453724883 | 3.338674129 | 1.340311876 | 2.532060499 |
| ENSG00000150051 | 22.75182265 | 0.00000184 | 0.0000984 | *MKX* | Mohawk homeobox | 0.589334848 | 1.603443669 | 1.923555361 | 6.298778072 | 1.170135906 | 4.214721344 | 1.108755109 | 3.954868166 | 6.275545083 | 4.959398272 | 1.185811074 | 3.559772158 | 0.45183191 | 3.01642724 | 1.550352206 | 2.219313305 | 0.956805572 | 4.763481792 | 0.212882592 | 3.614330744 | 3.820453476 | 1.542500966 | 1.308472499 | 2.476791626 |
| ENSG00000070731 | 22.66074733 | 0.00000193 | 0.000101387 | *ST6GALNAC2* | ST6 (alpha-N-acetyl-neuraminyl-2,3-beta-galactosyl-1,3)-N-acetylgalactosaminide alpha-2,6-sialyltransferase 2 | 1.247969348 | 3.099734036 | 1.762929651 | 3.557466379 | 1.646185368 | 8.974317256 | 1.14603779 | 3.324216258 | 1.596519852 | 2.663450983 | 0.293703478 | 1.988080852 | 0.596318239 | 3.993018404 | 0.511005056 | 2.231801277 | 0.885283019 | 2.976310329 | 1.296207409 | 1.373748186 | 3.418214396 | 1.098215921 | 1.638081157 | 3.112515791 |
| ENSG00000183856 | 22.52946786 | 0.00000207 | 0.000106728 | *IQGAP3* | IQ motif containing gtpase activating protein 3 | 7.753157563 | 16.3011643 | 1.128888193 | 3.718965858 | 1.128646383 | 3.363159566 | 1.255041263 | 3.450743902 | 1.829036248 | 1.89634901 | 9.130774312 | 16.68040805 | 1.193115462 | 22.46879535 | 8.056876219 | 18.11144101 | 6.717565696 | 24.91756979 | 4.073364741 | 13.49820766 | 12.44068045 | 4.226646608 | 1.557479998 | 2.943392624 |
| ENSG00000246273 | 22.51241433 | 0.00000209 | 0.00010706 | *SBF2-AS1* | SBF2 antisense RNA 1 | 3.814625916 | 9.812844529 | 14.5016034 | 17.26501429 | 4.318370899 | 21.44994953 | 8.161860535 | 27.67932572 | 9.332616214 | 9.397692704 | 3.200906371 | 5.267903548 | 3.439020404 | 13.10648831 | 3.410926454 | 6.196351276 | 4.227508794 | 8.943288543 | 5.079850017 | 7.876062129 | 12.69949206 | 5.9487289 | 1.094117457 | 2.134824476 |
| ENSG00000135476 | 22.33408199 | 0.00000229 | 0.000113993 | *ESPL1* | Extra spindle pole bodies homolog 1 (S. Cerevisiae) | 4.253141321 | 9.506757582 | 0.746771011 | 1.47134474 | 0.609765513 | 1.763101322 | 0.19441918 | 2.227117586 | 2.152389211 | 1.59129013 | 3.203733808 | 7.533139089 | 2.068353603 | 6.386001975 | 6.007917824 | 10.89772958 | 4.092205243 | 9.503755848 | 2.370783502 | 6.607558237 | 5.748779609 | 2.569948022 | 1.161516543 | 2.236924467 |
| ENSG00000148773 | 22.15630077 | 0.00000251 | 0.000122074 | *MKI67* | Marker of proliferation Ki-67 | 20.63649792 | 29.58681434 | 1.731867533 | 5.359014193 | 1.558415659 | 3.766044608 | 3.413864762 | 7.376220443 | 2.515775328 | 3.253535204 | 11.40355886 | 21.27256972 | 1.893666919 | 27.22049284 | 13.05673117 | 21.92831176 | 11.39644098 | 28.00320451 | 7.464483775 | 18.0532918 | 16.58194994 | 7.507130291 | 1.143280242 | 2.208826715 |
| ENSG00000106031 | 22.14482199 | 0.00000253 | 0.000122483 | *HOXA13* | Homeobox A13 | 0.09111247 | 0.543993565 | 0.055463891 | 1.292968999 | 0.559352363 | 0.882329371 | 0 | 1.012368834 | 0.429926067 | 0.730076145 | 0.02932893 | 0.147907638 | 0.173243436 | 0.331564404 | 0.065117814 | 0.243924764 | 0.095384498 | 1.548344886 | 0.043757685 | 0.704429998 | 0.74379086 | 0.154268715 | 2.269451496 | 4.821397896 |
| ENSG00000135451 | 22.07784506 | 0.00000262 | 0.00012518 | *TROAP* | Trophinin associated protein | 9.253598401 | 20.10941248 | 1.809898189 | 3.634639666 | 1.721174586 | 3.890893488 | 0.884087675 | 5.541351143 | 1.883553578 | 4.210891661 | 11.44613492 | 13.28434892 | 2.204131541 | 23.04140618 | 14.05361159 | 18.28529913 | 13.37592535 | 30.38521092 | 6.026290616 | 14.24795883 | 13.66314124 | 6.265840644 | 1.124709222 | 2.180575922 |
| ENSG00000162804 | 22.0167752 | 0.0000027 | 0.000128225 | *SNED1* | Sushi, nidogen and EGF-like domains 1 | 7.479785709 | 26.72396152 | 35.36550895 | 82.33287573 | 13.43419186 | 63.19181531 | 21.8563995 | 81.15869991 | 26.83058424 | 32.6500075 | 10.05810148 | 20.50596457 | 14.55138642 | 25.19877521 | 14.59055333 | 23.83289396 | 14.75302757 | 26.44171598 | 21.59821393 | 18.7855241 | 40.08222338 | 18.0517753 | 1.150821812 | 2.220403407 |
| ENSG00000166851 | 21.79471644 | 0.00000303 | 0.000138584 | *PLK1* | Polo-like kinase 1 | 32.65654319 | 54.85826081 | 3.48514675 | 10.46291052 | 4.182572391 | 7.866662223 | 4.439151962 | 8.230754867 | 3.235231867 | 5.062621356 | 30.70860612 | 50.33157611 | 5.250804581 | 64.77033584 | 29.15232569 | 47.55686152 | 29.5875113 | 71.89402758 | 19.49668686 | 39.82662976 | 36.08606406 | 16.21945807 | 1.153716179 | 2.224862502 |
| ENSG00000080986 | 21.75816548 | 0.00000309 | 0.000140305 | *NDC80* | NDC80 kinetochore complex component | 11.96243985 | 26.26264518 | 4.874552672 | 8.068428441 | 3.10882718 | 7.623639849 | 5.498856683 | 9.505030036 | 3.832122829 | 3.653139126 | 15.65646975 | 18.09884195 | 3.304682785 | 30.87198959 | 17.32401536 | 25.47934204 | 14.13207327 | 37.32799702 | 6.189943252 | 21.85648524 | 18.87475385 | 8.588398364 | 1.135996814 | 2.197703582 |
| ENSG00000137310 | 21.65948461 | 0.00000326 | 0.000146186 | *TCF19* | Transcription factor 19 | 12.41426799 | 31.00114164 | 3.050408168 | 6.254606725 | 3.430865888 | 6.181749008 | 3.169025179 | 6.576349308 | 3.8486872 | 3.177029801 | 12.19344226 | 18.38176202 | 3.42326437 | 22.02628182 | 14.5832146 | 27.15980709 | 12.98262059 | 21.61054639 | 7.744935992 | 18.91321787 | 16.12824917 | 7.684073225 | 1.06964666 | 2.098919245 |
| ENSG00000178573 | 21.62988587 | 0.00000331 | 0.000147352 | *MAF* | V-MAF avian musculoaponeurotic fibrosarcoma oncogene homolog | 9.930618523 | 12.63024166 | 10.45246416 | 25.18059497 | 6.382611912 | 21.23233818 | 13.63247503 | 26.37560673 | 7.704563126 | 13.48902246 | 4.082666916 | 7.465383003 | 6.871637322 | 11.82907671 | 5.196279341 | 11.46542867 | 4.56208218 | 17.74317954 | 8.118018621 | 6.536751856 | 15.39476238 | 7.693341713 | 1.000757305 | 2.001050123 |
| ENSG00000170577 | 21.55488449 | 0.00000344 | 0.000151391 | *SIX2* | SIX homeobox 2 | 1.835519169 | 4.975894613 | 2.887244386 | 4.959665756 | 0.904146955 | 3.128756411 | 1.348271761 | 3.9041315 | 1.85472383 | 2.004587445 | 2.703275941 | 2.658794989 | 0.453513766 | 2.717019187 | 1.275729807 | 2.94628051 | 0.445456143 | 3.646542693 | 1.565377906 | 2.970586614 | 3.391225972 | 1.527325966 | 1.150798921 | 2.220368177 |
| ENSG00000117724 | 21.39054983 | 0.00000375 | 0.000163006 | *CENPF* | Centromere protein F, 350/400kda | 17.85366612 | 37.10773185 | 2.044202285 | 6.363727137 | 3.963731613 | 4.824726487 | 2.767837942 | 7.849606713 | 3.658868965 | 5.894441781 | 13.67145748 | 26.52658368 | 2.83261922 | 41.49722571 | 19.33836883 | 29.89288318 | 16.49038619 | 42.40764509 | 8.925509316 | 25.9886162 | 22.83531878 | 9.154664796 | 1.318687963 | 2.49439158 |
| ENSG00000090889 | 21.28305073 | 0.00000396 | 0.000169176 | *KIF4A* | Kinesin family member 4A | 7.644898305 | 12.61625236 | 1.151008386 | 2.631350315 | 0.802201353 | 2.444237245 | 0.768097326 | 2.523440876 | 1.067882768 | 1.038214499 | 6.883105123 | 12.43215756 | 1.37637555 | 14.9111124 | 6.655000011 | 12.43886978 | 8.561880842 | 17.5220657 | 3.556247436 | 10.86966882 | 8.942736956 | 3.84666971 | 1.217106481 | 2.324799796 |
| ENSG00000271857 | 21.23714546 | 0.00000406 | 0.000171285 | *RP1-244F24.1* | Antisense RNA | 0 | 0.917733807 | 0 | 0.602225693 | 0.180921861 | 0.3106128 | 0 | 0.527370655 | 0.095524114 | 0.547056935 | 0.082931408 | 0.728758007 | 0.651024855 | 1.968446293 | 0.77479959 | 0.308622282 | 0.155493631 | 0.772127984 | 0.080996169 | 0.987443399 | 0.767039786 | 0.202169163 | 1.923738453 | 3.794049373 |
| ENSG00000152939 | 21.18750593 | 0.00000416 | 0.000173782 | *MARVELD2* | MARVEL domain containing 2 | 0.198674251 | 0.674031028 | 0.101299746 | 0.525342652 | 0.271107384 | 0.464224539 | 0 | 0.483599291 | 0.27430286 | 0.644427141 | 0.102308016 | 0.659268604 | 0.627347116 | 0.510152054 | 0.158037707 | 1.394102581 | 0.422788163 | 0.880896045 | 0.26125896 | 1.298490822 | 0.753453476 | 0.24171242 | 1.640226823 | 3.117148363 |
| ENSG00000178999 | 21.09737402 | 0.00000437 | 0.000179598 | *AURKB* | Aurora kinase B | 14.56135484 | 43.2171866 | 4.745943103 | 6.813961175 | 1.980578646 | 5.150660037 | 1.087589946 | 5.078206887 | 2.857774838 | 2.267732573 | 16.21631753 | 33.43523647 | 2.745894479 | 40.0119252 | 19.74509396 | 38.13749732 | 17.41916879 | 39.56749051 | 10.17494852 | 34.222015 | 24.79019118 | 9.153466466 | 1.437379289 | 2.708284481 |
| ENSG00000186185 | 20.66902824 | 0.00000546 | 0.000211085 | *KIF18B* | Kinesin family member 18B | 6.143940392 | 14.06617707 | 0.480041458 | 2.104239489 | 0.998406335 | 1.227155485 | 0.300790912 | 1.622078175 | 0.621521066 | 0.710487362 | 5.621761046 | 7.178022382 | 0.766415384 | 8.263608087 | 5.010404006 | 12.57840964 | 4.69847669 | 12.86621834 | 2.512461148 | 5.833679917 | 6.645007594 | 2.715421844 | 1.291094509 | 2.447136385 |
| ENSG00000154839 | 20.66837032 | 0.00000546 | 0.000211085 | *SKA1* | Spindle and kinetochore associated complex subunit 1 | 8.773159974 | 23.28828401 | 1.335241119 | 3.759410393 | 0.733297823 | 2.236637137 | 2.166916529 | 2.903201458 | 1.302715501 | 2.175935659 | 5.988623655 | 14.03566332 | 0.735105184 | 16.94790921 | 6.050988089 | 16.90009528 | 6.760865256 | 18.15575837 | 4.180484337 | 8.291904273 | 10.86947991 | 3.802739747 | 1.515171799 | 2.858328635 |
| ENSG00000089685 | 20.64224948 | 0.00000554 | 0.000213535 | *BIRC5* | Baculoviral IAP repeat containing 5 | 20.85453351 | 49.5944554 | 2.997862734 | 10.43933137 | 3.102813409 | 6.029492474 | 2.453793418 | 7.750465805 | 3.359851938 | 2.694137153 | 18.16342443 | 20.78071501 | 3.381533849 | 37.25262428 | 23.73170636 | 38.23596378 | 21.72359637 | 39.04279061 | 8.317446855 | 31.17226491 | 24.29922408 | 10.80865629 | 1.168723066 | 2.248126264 |
| ENSG00000075218 | 20.63143671 | 0.00000557 | 0.000213846 | *GTSE1* | G-2 and S-phase expressed 1 | 11.56066904 | 21.16058659 | 1.146850369 | 3.896309116 | 1.429274306 | 3.026026841 | 1.314519227 | 4.63081484 | 2.077362328 | 1.848690789 | 10.24189461 | 15.68500262 | 1.970644728 | 20.6204746 | 10.37287043 | 17.77586604 | 10.16646205 | 21.12260417 | 5.581994839 | 14.50385948 | 12.42702351 | 5.586254192 | 1.15352766 | 2.224571794 |
| ENSG00000132622 | 20.60059387 | 0.00000566 | 0.000215845 | *HSPA12B* | Heat shock 70kd protein 12B | 0.342971266 | 1.616744208 | 1.85136778 | 10.26943246 | 0.401105218 | 5.811579589 | 1.782568724 | 12.13833992 | 2.054519478 | 3.207966316 | 0.463415618 | 0.940154857 | 0.246172489 | 2.252499279 | 0.688508939 | 0.482078162 | 0.237970651 | 1.922160239 | 0.718161524 | 0.928948785 | 3.956990381 | 0.878676169 | 2.171000087 | 4.503354617 |
| ENSG00000100065 | 20.34653293 | 0.00000646 | 0.000237724 | *CARD10* | Caspase recruitment domain family, member 10 | 0.658254508 | 2.251943936 | 2.245125055 | 5.171376214 | 0.795635524 | 5.351999897 | 2.291011616 | 4.342398209 | 4.51925028 | 2.745595664 | 1.382674542 | 2.34532543 | 0.445821734 | 3.005650876 | 0.661117632 | 4.650970408 | 1.133245344 | 9.003555475 | 1.438682096 | 2.264528098 | 4.113334421 | 1.557081833 | 1.401463602 | 2.64169444 |
| ENSG00000164659 | 20.3367023 | 0.00000649 | 0.000238172 | *KIAA1324L* | KIAA1324-like | 4.816222107 | 6.276316242 | 12.09287628 | 23.20774839 | 10.00231316 | 31.02164489 | 7.741275959 | 26.96323316 | 8.312524521 | 9.768591093 | 5.741477213 | 7.360043786 | 2.853024931 | 8.784624325 | 5.216781671 | 6.879876986 | 4.717986545 | 9.42400847 | 4.470105117 | 5.504121387 | 13.51902087 | 6.596458751 | 1.035227027 | 2.049436127 |
| ENSG00000160447 | 20.31711323 | 0.00000656 | 0.000239964 | *PKN3* | Protein kinase N3 | 0.765965763 | 2.040366215 | 0.872690065 | 1.46330504 | 0.305554869 | 2.080377723 | 0.666920365 | 1.474978189 | 0.681624034 | 1.070822312 | 0.884102757 | 1.59669394 | 0.646217211 | 2.498030294 | 0.927043586 | 2.018798579 | 0.488284194 | 1.938470941 | 1.479258807 | 1.825599712 | 1.800744295 | 0.771766165 | 1.222357632 | 2.333277068 |
| ENSG00000126787 | 20.2804136 | 0.00000669 | 0.000243223 | *DLGAP5* | Discs, large (Drosophila) homolog-associated protein 5 | 16.43239924 | 24.43631957 | 2.188912491 | 6.70215893 | 1.834089183 | 5.276617629 | 1.540092861 | 5.510292961 | 1.916019321 | 2.602139617 | 14.76661366 | 18.16543401 | 1.928710144 | 30.17497808 | 17.07605328 | 26.51055589 | 13.54833802 | 33.87949508 | 8.278846051 | 21.12818198 | 17.43861737 | 7.951007425 | 1.133076088 | 2.193258847 |
| ENSG00000189001 | 20.19941716 | 0.00000698 | 0.000251187 | *SBSN* | Suprabasin | 17.56772537 | 48.86502637 | 41.05542473 | 95.36985018 | 21.59279799 | 84.62490884 | 28.98905328 | 191.8752092 | 22.3648811 | 30.36327332 | 26.82898259 | 21.22554454 | 9.743970211 | 33.7572982 | 19.94834763 | 30.28047888 | 16.75801475 | 31.95872489 | 16.88424247 | 25.69530018 | 59.40156146 | 22.17334401 | 1.421674492 | 2.678962696 |
| ENSG00000157456 | 20.07016893 | 0.00000747 | 0.000264087 | *CCNB2* | Cyclin B2 | 28.21581936 | 43.91928866 | 4.147883008 | 14.49211424 | 6.018461266 | 9.819573141 | 3.769859373 | 13.04007112 | 7.326142152 | 8.155260741 | 23.81639926 | 35.28827586 | 5.459567756 | 51.27186991 | 32.10890534 | 44.89611308 | 22.3562733 | 54.57775732 | 16.27161141 | 35.53371952 | 31.09940436 | 14.94909222 | 1.056829069 | 2.080354037 |
| ENSG00000156970 | 19.94016251 | 0.00000799 | 0.000276278 | *BUB1B* | BUB1 mitotic checkpoint serine/threonine kinase B | 16.07962961 | 17.56040563 | 1.536357999 | 8.736869357 | 1.702239197 | 6.053015317 | 1.980569317 | 5.588697444 | 2.68117558 | 2.277545417 | 10.65071907 | 15.36434297 | 2.206443681 | 23.76271664 | 15.98850861 | 23.05104438 | 10.15117502 | 30.74540729 | 4.869137307 | 14.13554274 | 14.72755872 | 6.784595538 | 1.118183588 | 2.170734959 |
| ENSG00000117650 | 19.92290973 | 0.00000806 | 0.000278259 | *NEK2* | NIMA-related kinase 2 | 7.054959222 | 19.92504011 | 0.87075446 | 4.393920668 | 0.789635426 | 2.753082016 | 1.042413396 | 2.90284597 | 1.988598458 | 1.277189723 | 7.944159068 | 13.10889161 | 1.039471107 | 16.41693352 | 10.4789667 | 16.67180983 | 9.847304753 | 24.97152984 | 3.654383777 | 10.04466631 | 11.24659096 | 4.471064637 | 1.330797454 | 2.515416768 |
| ENSG00000175084 | 19.88184711 | 0.00000824 | 0.000282706 | *DES* | Desmin | 2.494334473 | 2.554941177 | 0.555602561 | 3.560830052 | 0.894338636 | 9.772939209 | 1.433337003 | 2.20130105 | 0.638405868 | 0.832461786 | 3.803530441 | 16.89333467 | 0.554516445 | 2.798037263 | 1.884521461 | 3.656014181 | 1.423280693 | 3.3976949 | 2.540972697 | 4.294830857 | 4.996238514 | 1.622284028 | 1.622815924 | 3.07975572 |
| ENSG00000157404 | 19.46137304 | 0.0000103 | 0.000329583 | *KIT* | V-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog | 2.883726806 | 2.468571218 | 1.160655349 | 1.559914538 | 0.607651959 | 1.174781589 | 0.561573369 | 1.686119267 | 1.628501036 | 3.407257739 | 0.3599822 | 1.334201912 | 0.261947691 | 1.500809572 | 0.212676691 | 3.035590361 | 0.214898719 | 0.944547587 | 1.159893443 | 2.037790064 | 1.914958385 | 0.905150726 | 1.081083084 | 2.115623762 |
| ENSG00000102445 | 19.36918041 | 0.0000108 | 0.000340401 | *KIAA0226L* | KIAA0226-like | 1.228343107 | 1.241750864 | 2.410162694 | 7.475494166 | 2.819124182 | 8.229615831 | 5.391653594 | 12.38438074 | 3.671567375 | 5.63244549 | 0.786399283 | 5.235378631 | 3.031517594 | 2.375675954 | 0.522471791 | 1.175167062 | 0.873207017 | 2.192842644 | 1.136682337 | 2.226684411 | 4.816943579 | 2.187112898 | 1.139090332 | 2.202421093 |
| ENSG00000237649 | 19.25832728 | 0.0000114 | 0.000355809 | *KIFC1* | Kinesin family member C1 | 13.11129663 | 32.15216731 | 2.190290234 | 4.475189921 | 1.964058212 | 4.148211295 | 1.28513597 | 5.248822485 | 3.238452189 | 2.134007068 | 13.51676484 | 21.91394628 | 2.772777438 | 34.280327 | 17.94406488 | 31.62267651 | 15.82661105 | 34.61479721 | 9.705779222 | 20.59441938 | 19.11845645 | 8.155523066 | 1.229116736 | 2.344234244 |
| ENSG00000075702 | 19.24583229 | 0.0000115 | 0.000355809 | *WDR62* | WD repeat domain 62 | 4.263825976 | 7.498992383 | 0.701370015 | 1.286976081 | 0.576030611 | 1.26081821 | 0.77650232 | 1.140854836 | 1.167333965 | 0.874085324 | 3.265732165 | 5.780317328 | 1.042458845 | 6.048852528 | 3.249394632 | 5.416264114 | 2.716265405 | 6.303777016 | 2.218303318 | 5.233851877 | 4.08447897 | 1.997721725 | 1.03179642 | 2.044568529 |
| ENSG00000169679 | 19.17683924 | 0.0000119 | 0.000365209 | *BUB1* | BUB1 mitotic checkpoint serine/threonine kinase | 16.10770239 | 22.90556611 | 1.697958017 | 5.549948753 | 2.42611221 | 4.393748686 | 1.392808942 | 3.917682642 | 2.739959886 | 2.193872364 | 12.03341214 | 18.7802735 | 2.438740834 | 24.99351564 | 11.9151786 | 20.84476417 | 11.19194076 | 23.7264515 | 6.743018768 | 16.41154955 | 14.37173729 | 6.868683255 | 1.065129007 | 2.092356971 |
| ENSG00000136944 | 19.12327139 | 0.0000123 | 0.000369436 | *LMX1B* | LIM homeobox transcription factor 1, beta | 0.155863712 | 0.286514974 | 0.152753353 | 1.043802813 | 0.143841112 | 0.980822507 | 0.086649794 | 0.38578148 | 0.335527988 | 0.14933692 | 0.232369796 | 0.439082124 | 0.007748778 | 0.482999721 | 0.041759117 | 0.200689855 | 0.06623643 | 0.572968197 | 0 | 0.054052863 | 0.459605145 | 0.122275008 | 1.910265389 | 3.758782374 |
| ENSG00000117399 | 19.11752023 | 0.0000123 | 0.000369943 | *CDC20* | Cell division cycle 20 | 21.25169804 | 59.10022853 | 4.075164101 | 13.61056372 | 4.714802936 | 11.54700277 | 3.203179069 | 10.56761989 | 4.972589789 | 5.342180074 | 30.31844862 | 36.45438446 | 4.047956858 | 70.53935576 | 43.89462556 | 60.21843339 | 37.3699421 | 81.38039602 | 15.24554352 | 53.76014191 | 40.25203065 | 16.90939506 | 1.251236519 | 2.380453618 |
| ENSG00000134057 | 18.99279492 | 0.0000131 | 0.000384836 | *CCNB1* | Cyclin B1 | 46.31869447 | 106.1134642 | 11.01566795 | 25.37568292 | 11.69312738 | 24.80736635 | 13.41320571 | 18.7613657 | 11.6707534 | 10.0163023 | 55.89498467 | 76.40055405 | 15.23144789 | 120.6096227 | 68.30173233 | 100.5386213 | 66.44139691 | 136.508843 | 33.21731609 | 97.7855846 | 71.69174071 | 33.31983268 | 1.105425766 | 2.151623671 |
| ENSG00000165304 | 18.93652999 | 0.0000135 | 0.000395721 | *MELK* | Maternal embryonic leucine zipper kinase | 18.20680549 | 40.68307186 | 7.373350421 | 12.39119421 | 7.011643899 | 11.1449997 | 5.41250127 | 9.165250059 | 8.279816903 | 7.183073525 | 19.87220928 | 30.20518843 | 6.808895556 | 39.37132347 | 23.3240837 | 40.80368725 | 23.44391951 | 42.59873394 | 12.75692673 | 33.57479091 | 26.71213134 | 13.24901528 | 1.011609956 | 2.016159751 |
| ENSG00000137812 | 18.81302195 | 0.0000144 | 0.000415563 | *CASC5* | Cancer susceptibility candidate 5 | 5.67174446 | 12.6950715 | 1.84085151 | 2.88003847 | 0.75139887 | 2.195452396 | 1.681826551 | 1.788560546 | 1.0275742 | 0.914148271 | 5.059286499 | 9.707242485 | 1.022046985 | 14.67856744 | 5.661238135 | 12.78884043 | 5.380832264 | 15.82049263 | 2.761424217 | 8.824607646 | 8.229302181 | 3.085822369 | 1.415115082 | 2.666810074 |
| ENSG00000163815 | 18.74161244 | 0.000015 | 0.000423441 | *CLEC3B* | C-type lectin domain family 3, member B | 8.813110863 | 20.50964698 | 40.32912402 | 111.8258936 | 18.41382141 | 50.4444228 | 30.21918501 | 98.45871215 | 16.14510671 | 14.84266257 | 2.543774876 | 4.006836193 | 4.731085421 | 10.67252864 | 6.110368998 | 19.25579924 | 1.859795498 | 7.188227772 | 9.773722167 | 6.870060721 | 34.40747907 | 13.8939095 | 1.308269589 | 2.476443299 |
| ENSG00000168078 | 18.64178028 | 0.0000158 | 0.000444148 | *PBK* | PDZ binding kinase | 9.725950014 | 31.50770757 | 3.162364379 | 8.001465112 | 2.133463889 | 4.763975315 | 1.990002347 | 6.300740337 | 2.667344159 | 3.484335401 | 10.66855452 | 13.28407643 | 1.852347197 | 34.00584985 | 15.25063687 | 28.72129565 | 18.88892519 | 28.14127096 | 9.545130509 | 23.34330392 | 18.15540206 | 7.588471906 | 1.258517575 | 2.392497762 |
| ENSG00000186871 | 18.61190311 | 0.000016 | 0.00044773 | *ERCC6L* | Excision repair cross-complementing rodent repair deficiency, complementation group 6-like | 2.373066695 | 4.579056029 | 0.354343404 | 0.991918884 | 0.424103065 | 0.574473191 | 0.111134516 | 0.735826186 | 0.461748538 | 0.681389094 | 1.915602802 | 3.534608446 | 0.323417797 | 4.956583883 | 2.343189976 | 4.555451955 | 2.336342248 | 4.336349747 | 1.549181693 | 3.339250211 | 2.828490763 | 1.219213074 | 1.214082181 | 2.319931457 |
| ENSG00000185585 | 18.60451197 | 0.0000161 | 0.000448105 | *OLFML2A* | Olfactomedin-like 2A | 1.667576778 | 2.110200474 | 1.654596781 | 11.21384984 | 2.356981527 | 11.6555199 | 4.476896644 | 16.60943671 | 7.955950168 | 11.11638617 | 0.320790987 | 0.587417842 | 1.488481925 | 3.578081088 | 1.50631429 | 2.671340655 | 0.682685414 | 1.960951752 | 0.521268419 | 0.409287625 | 6.191247205 | 2.263154293 | 1.451895119 | 2.735671723 |
| ENSG00000187800 | 18.46457472 | 0.0000173 | 0.000473617 | *PEAR1* | Platelet endothelial aggregation receptor 1 | 21.7174542 | 39.65286402 | 19.73383848 | 43.90648652 | 20.61812686 | 38.97120592 | 7.489556347 | 30.27286242 | 40.13054395 | 33.58378531 | 34.35054968 | 40.3193229 | 3.195551164 | 44.84977013 | 21.06312395 | 36.70004041 | 11.52803656 | 37.71928931 | 10.64731033 | 36.91723371 | 38.28928607 | 19.04740915 | 1.007345986 | 2.01020967 |
| ENSG00000162551 | 18.40481266 | 0.0000179 | 0.000485091 | *ALPL* | Alkaline phosphatase, liver/bone/kidney | 11.18675855 | 49.78087317 | 22.53250661 | 47.06211571 | 38.65909011 | 176.2330946 | 39.84685241 | 111.261687 | 27.72538459 | 45.65523955 | 68.13319529 | 145.4221386 | 8.577667335 | 6.464302304 | 52.22553168 | 70.40761293 | 3.998896622 | 26.45570718 | 16.45089664 | 21.16099917 | 69.99037702 | 28.93367798 | 1.274406852 | 2.418993432 |
| ENSG00000066279 | 18.35201421 | 0.0000184 | 0.000495787 | *ASPM* | Asp (abnormal spindle) homolog, microcephaly associated (Drosophila) | 8.317337013 | 14.98170421 | 1.525049333 | 3.291786494 | 1.090404895 | 2.504381844 | 1.49448038 | 3.868455479 | 1.476050312 | 1.08165312 | 5.126282848 | 11.04279957 | 1.147220103 | 17.91185152 | 7.812755365 | 15.9484746 | 6.522565498 | 17.13370956 | 4.228274984 | 10.69283866 | 9.845765507 | 3.874042073 | 1.345663758 | 2.541470981 |
| ENSG00000177602 | 18.0434096 | 0.0000216 | 0.000569595 | *GSG2* | Germ cell associated 2 (haspin) | 1.437569962 | 3.531797466 | 0.690959185 | 0.882446096 | 0.475022464 | 0.832924928 | 0.832796458 | 0.769404966 | 0.544467892 | 0.644452373 | 1.767282213 | 3.280660698 | 0.656458445 | 3.481900726 | 1.729700765 | 3.097142628 | 1.932672341 | 4.333287108 | 1.287892396 | 2.009993015 | 2.286401 | 1.135482212 | 1.009773347 | 2.013594732 |
| ENSG00000115163 | 17.91174812 | 0.0000231 | 0.00059667 | *CENPA* | Centromere protein A | 5.875799674 | 17.16000058 | 2.351214574 | 3.298306722 | 1.809484605 | 4.088021208 | 1.900860807 | 3.792975695 | 1.836546958 | 2.143727199 | 7.076371228 | 11.14659732 | 1.105278011 | 16.32572288 | 10.14586172 | 13.59340908 | 8.478372819 | 19.65349817 | 1.510151446 | 11.76590203 | 10.29681609 | 4.208994184 | 1.290650885 | 2.446384014 |
| ENSG00000088325 | 17.85637511 | 0.0000238 | 0.000610002 | *TPX2* | TPX2, microtubule-associated | 42.92602289 | 61.84992266 | 6.610886812 | 16.83992472 | 5.725132916 | 12.05752203 | 5.360656138 | 13.41933957 | 6.582931696 | 7.60482545 | 35.89594851 | 53.76084967 | 6.689956163 | 74.44853918 | 38.24891235 | 57.83106702 | 34.64620384 | 76.79684093 | 21.96634414 | 42.23136699 | 41.68401982 | 20.46529955 | 1.026314628 | 2.036814547 |
| ENSG00000169607 | 17.61030122 | 0.0000271 | 0.000677236 | *CKAP2L* | Cytoskeleton associated protein 2-like | 5.412743693 | 14.9226141 | 1.284562604 | 3.026508667 | 1.163167116 | 1.83215557 | 0.952209819 | 3.266459943 | 2.174830056 | 1.515519906 | 7.665782979 | 9.456779972 | 1.400968104 | 13.46539173 | 7.097441458 | 14.38464388 | 5.912820332 | 14.92373823 | 3.927062158 | 8.747516877 | 8.554132887 | 3.699158832 | 1.209424372 | 2.312453527 |
| ENSG00000105011 | 17.6016221 | 0.0000272 | 0.000678488 | *ASF1B* | Anti-silencing function 1B histone chaperone | 9.165811502 | 19.91493 | 2.206474604 | 3.455946345 | 2.57118257 | 2.835718478 | 0.728564123 | 4.520380476 | 2.091513168 | 2.472089365 | 6.12328062 | 9.225980465 | 1.729865033 | 15.97671913 | 9.332532071 | 15.0698747 | 7.795934991 | 15.45505561 | 4.82412522 | 10.25829914 | 9.918499371 | 4.65692839 | 1.090743165 | 2.12983721 |
| ENSG00000156509 | 17.59433422 | 0.0000273 | 0.00068017 | *FBXO43* | F-box protein 43 | 0.766564124 | 1.431051711 | 0.189023617 | 0.348842443 | 0.106982565 | 0.301344551 | 0 | 0.394706126 | 0.120595627 | 0.098103165 | 0.406938949 | 1.006007837 | 0.216393233 | 1.725384695 | 0.657362252 | 1.7292016 | 0.28160254 | 1.472871034 | 0.405364808 | 1.09046106 | 0.959797422 | 0.315082772 | 1.606999067 | 3.046175509 |
| ENSG00000118193 | 17.58204282 | 0.0000275 | 0.000683654 | *KIF14* | Kinesin family member 14 | 3.513995629 | 7.682611411 | 0.595281285 | 1.599217605 | 0.57386096 | 1.250490126 | 0.557067347 | 1.347212638 | 0.523528577 | 0.418958062 | 3.986719053 | 5.737907868 | 0.902212196 | 8.854056875 | 4.228486493 | 7.590838109 | 3.591284316 | 8.447955263 | 2.627187583 | 5.188516665 | 4.811776462 | 2.109962344 | 1.18935237 | 2.280503477 |
| ENSG00000121152 | 17.5431395 | 0.0000281 | 0.000695766 | *NCAPH* | Non-SMC condensin I complex, subunit H | 8.192157999 | 16.93646451 | 0.97394834 | 3.228773203 | 1.725983956 | 4.178178981 | 2.092200586 | 4.115899526 | 1.4091697 | 0.950713912 | 8.429829221 | 9.288447351 | 1.597384535 | 14.38355987 | 8.938196218 | 19.02445255 | 8.059044887 | 21.88148336 | 4.306633025 | 13.48817008 | 10.74761433 | 4.572454847 | 1.232975629 | 2.350512951 |
| ENSG00000123080 | 17.44391538 | 0.0000296 | 0.000725355 | *CDKN2C* | Cyclin-dependent kinase inhibitor 2C (p18, inhibits CDK4) | 11.07195408 | 30.99150581 | 8.555069757 | 11.63730363 | 6.403560934 | 9.648693311 | 5.204000608 | 9.873853627 | 8.016476553 | 5.493359222 | 12.06960046 | 17.15311159 | 6.069038381 | 33.11473588 | 14.77653906 | 31.28413383 | 14.21591904 | 28.48516804 | 10.02904617 | 20.73636967 | 19.84182346 | 9.641120504 | 1.041271882 | 2.058041226 |
| ENSG00000169908 | 17.18724089 | 0.0000339 | 0.000805518 | *TM4SF1* | Transmembrane 4 L six family member 1 | 8.11525624 | 12.8304623 | 7.897417728 | 34.58471936 | 5.312425099 | 10.00120052 | 2.462445934 | 5.762375113 | 5.19692573 | 6.117685213 | 6.748372595 | 6.373646179 | 5.227096163 | 10.24435572 | 8.168069158 | 22.33825797 | 3.203852398 | 6.376941021 | 4.542012563 | 4.10746575 | 11.87371091 | 5.687387361 | 1.061932921 | 2.087726782 |
| ENSG00000142945 | 17.110722 | 0.0000353 | 0.000831094 | *KIF2C* | Kinesin family member 2C | 14.48084371 | 29.91883055 | 2.089897407 | 7.154098258 | 2.730133169 | 5.174411069 | 3.52615199 | 4.866827165 | 4.72724955 | 3.123801158 | 13.74639182 | 24.31332207 | 2.496299976 | 30.87012198 | 13.64040176 | 27.66087567 | 13.74974928 | 33.30948074 | 7.254578553 | 20.56742786 | 18.69591965 | 7.844169722 | 1.253030783 | 2.383416004 |
| ENSG00000113368 | 17.09718801 | 0.0000355 | 0.000835965 | *LMNB1* | Lamin B1 | 16.20603016 | 32.61740692 | 3.554230326 | 7.142944016 | 2.544365996 | 5.162607896 | 6.405113681 | 13.62229454 | 5.482800877 | 4.439184823 | 17.19753215 | 23.08900092 | 2.599964809 | 31.90868507 | 20.43624086 | 29.01199601 | 17.69486279 | 31.16569611 | 6.405554876 | 23.32233461 | 20.14821509 | 9.852669652 | 1.032065446 | 2.044949826 |
| ENSG00000261625 | 16.98687571 | 0.0000376 | 0.000873121 | *RP11-554A11.4* | Sense overlapping | 0.572467098 | 1.064805229 | 1.313987741 | 4.672770982 | 1.6060553 | 5.003085791 | 1.004847205 | 4.976402877 | 2.789032225 | 2.51088949 | 0.469283082 | 0.568880592 | 1.19658554 | 1.284374738 | 1.87203021 | 2.229383795 | 0.7875828 | 2.263530064 | 0.358892815 | 2.558217961 | 2.713234152 | 1.197076402 | 1.180498324 | 2.266550529 |
| ENSG00000111644 | 16.9856183 | 0.0000377 | 0.000873121 | *ACRBP* | Acrosin binding protein | 0.590637235 | 1.088603685 | 0.686093591 | 1.498026414 | 0.217862069 | 0.771441571 | 0.275681705 | 2.66550991 | 0.97349195 | 1.129719126 | 0.405240907 | 1.016216868 | 0.543819122 | 0.881133653 | 1.148601175 | 1.129633005 | 0.376293198 | 1.374659833 | 0 | 0.724670567 | 1.227961463 | 0.521772095 | 1.234773591 | 2.353444108 |
| ENSG00000265222 | 16.85523539 | 0.0000403 | 0.000917816 | *RP11-466A19.8* | Sense intronic | 0.763305824 | 0.753340098 | 0.17620913 | 1.680879847 | 0.372816638 | 0.922917273 | 0 | 0.660631224 | 0.098471711 | 0.441292778 | 0.181063324 | 0.82368907 | 0.078997503 | 0.662173186 | 0.083594158 | 0.743855708 | 0.168688697 | 0.587252635 | 0.18336201 | 0.187189248 | 0.746322107 | 0.2106509 | 1.824944344 | 3.542933395 |
| ENSG00000174371 | 16.74698636 | 0.0000427 | 0.000958627 | *EXO1* | Exonuclease 1 | 5.058530362 | 7.633104892 | 2.349151628 | 1.764330495 | 1.064859887 | 3.609706615 | 1.140364057 | 1.612070868 | 1.311716077 | 2.210343503 | 3.994562092 | 5.329095026 | 0.83824186 | 7.433757813 | 4.368364708 | 6.16073302 | 2.611771 | 8.254317336 | 1.454659744 | 9.521002553 | 5.352846212 | 2.419222141 | 1.145762956 | 2.212631126 |
| ENSG00000213145 | 16.73804358 | 0.0000429 | 0.000961979 | *CRIP1* | Cysteine-rich protein 1 (intestinal) | 11.97373474 | 198.8176865 | 28.06899515 | 55.75605615 | 5.132005448 | 48.45886824 | 0.938264924 | 57.34056913 | 20.73013524 | 21.49406033 | 45.95796048 | 55.11944426 | 4.366185775 | 67.45400717 | 55.28949109 | 50.90793622 | 33.62565815 | 98.77563558 | 17.02299164 | 64.05413524 | 71.81783988 | 22.31054226 | 1.686616682 | 3.219009159 |
| ENSG00000185924 | 16.30326132 | 0.000054 | 0.001172671 | *RTN4RL1* | Reticulon 4 receptor-like 1 | 0.316434834 | 1.197557059 | 0.646907643 | 2.310204001 | 0.304834074 | 2.939738499 | 0.815341848 | 2.004656767 | 0.535950475 | 0.790195979 | 0.360882656 | 0.976955238 | 0.152440286 | 0.639674924 | 0.581131782 | 0.83308048 | 0.428759728 | 1.228102898 | 0.673348294 | 0.301311785 | 1.322147763 | 0.481603162 | 1.456966652 | 2.745305404 |
| ENSG00000138160 | 16.17520411 | 0.0000577 | 0.001234225 | *KIF11* | Kinesin family member 11 | 10.95396108 | 20.70749967 | 2.355763699 | 4.266206579 | 2.047665678 | 4.234876484 | 1.685377193 | 4.308877371 | 3.011366104 | 2.502837671 | 10.58285392 | 14.2033246 | 2.330661451 | 22.78015877 | 11.19608361 | 20.78858426 | 11.93246599 | 24.10520686 | 6.312674561 | 16.195678 | 13.40932503 | 6.240887329 | 1.103413548 | 2.148624758 |
| ENSG00000131747 | 16.04965456 | 0.0000617 | 0.001303642 | *TOP2A* | Topoisomerase (DNA) II alpha 170kda | 42.63914062 | 73.01565658 | 6.285187865 | 18.36598869 | 9.202735281 | 13.32317476 | 11.28171034 | 12.35955819 | 6.613636985 | 5.286559744 | 31.52397987 | 50.39601289 | 7.1603727 | 79.21409027 | 40.88260371 | 74.13773391 | 33.63422523 | 85.48365565 | 24.74121282 | 50.34398965 | 46.19264203 | 21.39648054 | 1.110289554 | 2.158889727 |
| ENSG00000123689 | 15.95724927 | 0.0000648 | 0.001354817 | *G0S2* | G0/g1switch 2 | 26.31758799 | 78.6076178 | 54.09933918 | 118.00402 | 36.22811095 | 119.7691408 | 56.94951696 | 121.5486354 | 33.60770423 | 21.74380253 | 38.61342727 | 47.61768873 | 15.93732335 | 21.93279628 | 37.97513604 | 84.70124569 | 21.26305316 | 95.74571098 | 41.2889556 | 42.48840138 | 75.21590596 | 36.22801547 | 1.053932003 | 2.076180685 |
| ENSG00000101447 | 15.90840198 | 0.0000665 | 0.001381232 | *FAM83D* | Family with sequence similarity 83, member D | 8.838046091 | 20.35974814 | 1.15180301 | 3.92130548 | 1.865732453 | 2.494391617 | 1.247125269 | 3.812299982 | 1.889522135 | 1.575706803 | 8.954701275 | 13.2847877 | 1.462439219 | 23.30996892 | 10.30676514 | 15.94791808 | 8.835318346 | 23.28288369 | 4.865649768 | 14.44394537 | 12.24329558 | 4.941710271 | 1.308909612 | 2.477542168 |
| ENSG00000198759 | 15.81403812 | 0.0000699 | 0.001433559 | *EGFL6* | EGF-like-domain, multiple 6 | 0.087807659 | 2.825225582 | 0.687674034 | 1.569417337 | 0.184586848 | 6.164121424 | 0.627371676 | 1.613537966 | 1.516307963 | 0.576458807 | 0.699565333 | 1.793412354 | 0.024470168 | 0.67957126 | 0.20045427 | 1.710704011 | 0.207542064 | 1.081766024 | 0.557512632 | 0.900388561 | 1.891460333 | 0.479329265 | 1.980411591 | 3.94605644 |
| ENSG00000112742 | 15.74280552 | 0.0000726 | 0.001468868 | *TTK* | TTK protein kinase | 8.254115303 | 16.91618746 | 1.883183713 | 5.035254335 | 1.012501417 | 3.294716075 | 3.004723358 | 3.334026936 | 2.245717176 | 1.377569985 | 7.896791833 | 13.93480001 | 1.589552845 | 21.7400853 | 10.49203807 | 21.29609865 | 9.787268042 | 23.73106647 | 8.124835816 | 15.46071589 | 12.61205211 | 5.429072757 | 1.216025313 | 2.323058223 |
| ENSG00000133321 | 15.49594728 | 0.0000827 | 0.001627061 | *RARRES3* | Retinoic acid receptor responder (tazarotene induced) 3 | 2.209372856 | 4.243304751 | 16.96555057 | 27.33837812 | 6.898173487 | 38.98754511 | 5.486237669 | 33.62233735 | 11.94421101 | 7.610415172 | 2.020048403 | 2.889046062 | 0.834116164 | 2.415796068 | 2.128975328 | 2.935677183 | 1.676018326 | 2.354519204 | 1.556014574 | 3.345685895 | 12.57427049 | 5.171871839 | 1.281716273 | 2.431280373 |
| ENSG00000123975 | 15.37519393 | 0.0000881 | 0.001702969 | *CKS2* | CDC28 protein kinase regulatory subunit 2 | 27.81734508 | 128.4459264 | 17.03177917 | 30.10456277 | 22.17374233 | 35.11231356 | 6.878647125 | 22.16774813 | 27.51620535 | 14.39265414 | 56.24225581 | 43.40022761 | 24.92070345 | 119.8228151 | 69.39161444 | 114.6656682 | 71.08524552 | 116.9997229 | 19.94291923 | 105.1031096 | 73.02147485 | 34.30004575 | 1.090110307 | 2.128903133 |
| ENSG00000137135 | 15.37366032 | 0.0000882 | 0.001702969 | *ARHGEF39* | Rho guanine nucleotide exchange factor (GEF) 39 | 2.833078298 | 3.597336738 | 0.734756866 | 1.051498821 | 0.554792584 | 1.013567091 | 0.888648766 | 1.447122351 | 0.538293079 | 0.859872759 | 1.510779403 | 1.12680271 | 0.594125273 | 3.364811566 | 1.377713794 | 5.58311386 | 1.682344936 | 2.684961771 | 0.775204733 | 2.85582343 | 2.35849111 | 1.148973773 | 1.037518296 | 2.052693599 |
| ENSG00000256381 | 15.36023678 | 0.0000888 | 0.001711512 | *RP11-500M8.4* | Sense intronic | 0 | 1.661946245 | 0.403249245 | 0.563676591 | 1.207759203 | 2.05793346 | 0 | 1.652968278 | 0.512074654 | 1.686407571 | 1.415084094 | 2.343107071 | 1.048124295 | 1.308018967 | 0.766984931 | 2.13380609 | 1.272572332 | 1.497297709 | 0.404438326 | 2.384530896 | 1.728969288 | 0.703028708 | 1.298256734 | 2.459315343 |
| ENSG00000137807 | 15.34376888 | 0.0000896 | 0.001721077 | *KIF23* | Kinesin family member 23 | 29.61450452 | 52.23192078 | 7.026079569 | 10.24199331 | 6.406256905 | 10.61179111 | 5.332193571 | 10.92641651 | 10.20184443 | 7.142534953 | 33.93419284 | 49.88596779 | 7.978009534 | 59.92934278 | 31.71034384 | 53.31193401 | 29.61488622 | 63.97737814 | 16.89966155 | 44.59218161 | 36.2851461 | 17.8717973 | 1.021694351 | 2.030302017 |
| ENSG00000182261 | 15.27714108 | 0.0000928 | 0.001766235 | *NLRP10* | NLR family, pyrin domain containing 10 | 0.247063336 | 3.626974286 | 0.999766452 | 2.108921898 | 0.491684889 | 2.348321391 | 0.410061078 | 5.684037676 | 1.413635587 | 2.046069187 | 0.730721853 | 0.188931219 | 0.070513982 | 0.951566219 | 0.697242434 | 1.75327943 | 0.099675686 | 1.36019442 | 0.106594006 | 0.344691158 | 2.041298688 | 0.52669593 | 1.95444508 | 3.875668239 |
| ENSG00000177570 | 15.08408073 | 0.000102827 | 0.00191665 | *SAMD12* | Sterile alpha motif domain containing 12 | 4.670905167 | 3.504675335 | 1.972938535 | 11.50671035 | 0.898058166 | 1.820554272 | 2.088920827 | 1.984711997 | 3.01205909 | 1.924518048 | 0.564138678 | 1.106352625 | 0.215404703 | 3.619082704 | 0.533232639 | 2.761393992 | 0.392509733 | 2.690458136 | 0.255733632 | 2.774034502 | 3.369249196 | 1.460390117 | 1.206073326 | 2.307088467 |
| ENSG00000159184 | 14.98367019 | 0.000108446 | 0.001985105 | *HOXB13* | Homeobox B13 | 0.162585444 | 0.565622254 | 0.052843981 | 1.507237882 | 0.018809004 | 1.577153072 | 0.034931753 | 1.081703868 | 1.468914374 | 0.996248058 | 0.219062315 | 0.106457507 | 0.066593378 | 0.984086835 | 0.137527559 | 0.195786143 | 0.278016556 | 1.022430389 | 0.102853898 | 1.118595732 | 0.915532174 | 0.254213826 | 1.848568089 | 3.60142557 |
| ENSG00000203706 | 14.97676904 | 0.000108843 | 0.001990394 | *SERTAD4-AS1* | SERTAD4 antisense RNA 1 | 2.980622182 | 2.158323864 | 3.217924232 | 4.73123062 | 0.141036535 | 2.815924318 | 0 | 2.968641018 | 3.874182519 | 3.704070348 | 1.912062862 | 2.103308671 | 0.220302797 | 3.57898928 | 1.309206224 | 4.254278211 | 0.868290946 | 2.674619423 | 0 | 1.985173197 | 3.097455895 | 1.45236283 | 1.092681827 | 2.132701162 |
| ENSG00000137804 | 14.93586269 | 0.000111228 | 0.002019934 | *NUSAP1* | Nucleolar and spindle associated protein 1 | 40.00180923 | 65.90919999 | 7.623930864 | 20.47271814 | 5.234784166 | 8.726273519 | 4.406716087 | 15.4944155 | 7.150235534 | 5.167848215 | 35.88896859 | 47.88900924 | 6.326483662 | 66.83407226 | 37.66196529 | 65.74468364 | 37.99045928 | 68.23283197 | 26.38787563 | 63.35347479 | 42.78245273 | 20.86732283 | 1.035773673 | 2.050212817 |
| ENSG00000234814 | 14.81006491 | 0.000118899 | 0.002130845 | *SVILP1* | Supervillin pseudogene 1 | 0.392094971 | 0.761412568 | 1.095853528 | 3.228328584 | 1.334606337 | 2.464774759 | 1.116561118 | 2.657731304 | 1.795006039 | 0.942728385 | 1.008613814 | 1.273445838 | 0.466301607 | 1.177356891 | 1.388791943 | 2.80784335 | 0.167170332 | 1.65399572 | 0.206124316 | 1.439410473 | 1.840702787 | 0.8971124 | 1.036896039 | 2.051808431 |
| ENSG00000232855 | 14.59835477 | 0.000133031 | 0.002317308 | *AF131217.1* | Lincrna | 0.489130575 | 3.463468389 | 1.983243598 | 2.722704391 | 0.873019436 | 1.959428348 | 1.694355645 | 4.152706569 | 1.390758776 | 0.654521356 | 0.594281821 | 0.600990435 | 0.240947581 | 1.809989944 | 0.780136315 | 2.014951507 | 0.594532246 | 2.96724263 | 0.951202798 | 1.670344088 | 2.201634766 | 0.959160879 | 1.198730434 | 2.295375899 |
| ENSG00000177363 | 14.45764186 | 0.000143347 | 0.002471223 | *LRRN4CL* | LRRN4 C-terminal like | 3.612183594 | 12.03390877 | 35.69404896 | 77.50087491 | 16.81238665 | 59.75211841 | 26.46817979 | 76.5851039 | 33.23840234 | 53.78226783 | 3.167328437 | 3.969920113 | 6.676165986 | 6.272512438 | 8.657342594 | 14.88048116 | 3.278426739 | 8.74120682 | 8.688495306 | 5.186228251 | 31.87046226 | 14.62929604 | 1.123359596 | 2.17853697 |
| ENSG00000166278 | 14.42637686 | 0.000145747 | 0.002505531 | *C2* | Complement component 2 | 14.67648437 | 32.1072627 | 40.09097251 | 85.59709097 | 19.85430626 | 85.64228216 | 32.58090609 | 85.71978711 | 15.57301518 | 26.4936916 | 25.27366887 | 17.10117012 | 16.04153991 | 21.41079289 | 17.21216688 | 16.48094003 | 8.59069872 | 22.13556918 | 12.376201 | 16.37648443 | 40.90650712 | 20.22699598 | 1.016048282 | 2.022371842 |
| ENSG00000232712 | 14.3386495 | 0.000152698 | 0.002603088 | *RP4-777D9.2* | Antisense RNA | 0 | 2.339104238 | 0.453801987 | 4.706431481 | 4.089326083 | 7.198262546 | 1.960873182 | 5.912879298 | 7.291462651 | 2.731257904 | 0.669688498 | 3.848332275 | 0.202339194 | 1.565903488 | 1.251245943 | 1.817630846 | 0.985401437 | 4.989250656 | 0.852624326 | 3.374525577 | 3.848357831 | 1.77567633 | 1.11587432 | 2.167263124 |
| ENSG00000117595 | 14.17670297 | 0.000166418 | 0.002798022 | *IRF6* | Interferon regulatory factor 6 | 0.379941818 | 0.492403654 | 0.600541075 | 0.653049123 | 0.321710404 | 0.515729176 | 0.086957947 | 0.802271991 | 0.089769151 | 0.430595565 | 1.138730584 | 2.205244951 | 0.101336145 | 0.146525339 | 0.435160312 | 0.82408608 | 0.199859737 | 0.953833406 | 0.087826012 | 0.957623349 | 0.798136263 | 0.344183319 | 1.213457898 | 2.318927794 |
| ENSG00000164061 | 13.93367449 | 0.000189375 | 0.003093353 | *BSN* | Bassoon presynaptic cytomatrix protein | 0.12152342 | 0.239368712 | 0.069684053 | 0.37168734 | 0.093894532 | 0.082987437 | 0.126194099 | 0.205741997 | 0.113363741 | 0.106917246 | 0.227076262 | 0.210099546 | 0.072655119 | 0.152254421 | 0.087434293 | 0.155104209 | 0.165214985 | 0.543481581 | 0.147725545 | 0.66625185 | 0.273389434 | 0.122476605 | 1.158451291 | 2.232176785 |
| ENSG00000203995 | 13.76296844 | 0.000207384 | 0.003334665 | *ZYG11A* | Zyg-11 family member A, cell cycle regulator | 0.202070586 | 0.24231544 | 0.030612901 | 0.093723312 | 0.057147201 | 0.09564938 | 0.016373135 | 0.165797733 | 0.105941511 | 0.049360344 | 0.100430622 | 0.407102934 | 0.044337337 | 0.128883938 | 0.085190773 | 0.301962271 | 0 | 0.159057743 | 0.034720094 | 0.107053349 | 0.175090644 | 0.067682416 | 1.371249022 | 2.586944355 |
| ENSG00000127083 | 13.7540751 | 0.000208368 | 0.003344092 | *OMD* | Osteomodulin | 0 | 0.304703932 | 1.52650129 | 5.491326448 | 0.205710587 | 2.418952221 | 1.437229358 | 4.077985343 | 2.356443778 | 3.393856068 | 0.519142814 | 0.652797018 | 0.285203571 | 0.746576691 | 0.205550439 | 0.486497282 | 0.088729066 | 0.327085591 | 0.302275754 | 0.139971421 | 1.803975202 | 0.692678666 | 1.380921362 | 2.604346418 |
| ENSG00000108813 | 13.6897951 | 0.000215623 | 0.003433511 | *DLX4* | Distal-less homeobox 4 | 0.533790335 | 1.193608273 | 0.085460785 | 0.710829682 | 0.092731923 | 0.736094355 | 0 | 0.354181866 | 0.139567985 | 0.208862513 | 0.236980397 | 0.091668028 | 0.193880304 | 0.73599641 | 0.679707437 | 1.274820777 | 0.466749442 | 1.371108917 | 0.57678969 | 0.603970552 | 0.728114137 | 0.30056583 | 1.276483617 | 2.42247809 |
| ENSG00000131242 | 13.63231558 | 0.000222326 | 0.003509799 | *RAB11FIP4* | RAB11 family interacting protein 4 (class II) | 0.916774551 | 8.644296808 | 7.338235454 | 22.5633673 | 10.18221611 | 5.403957952 | 11.73837185 | 11.07012825 | 3.136840475 | 6.946698804 | 1.144551206 | 17.78172971 | 1.777549712 | 5.879818011 | 3.261861529 | 5.095505962 | 2.710161135 | 3.003193096 | 0.287846959 | 4.615297822 | 9.100399372 | 4.249440898 | 1.098656822 | 2.141552169 |
| ENSG00000197299 | 13.6134338 | 0.000224573 | 0.003538776 | *BLM* | Bloom syndrome, recq helicase-like | 2.514954089 | 6.968190045 | 1.101691725 | 0.926287429 | 0.58450605 | 0.700102405 | 0.341131951 | 2.36742596 | 0.58107367 | 0.581128779 | 1.717146567 | 4.684165477 | 0.411542916 | 2.628934223 | 1.671779237 | 4.517650169 | 2.784851714 | 4.563566664 | 1.616160723 | 2.125027774 | 3.006247893 | 1.332483864 | 1.173845915 | 2.2561233 |
| ENSG00000118898 | 13.57457514 | 0.00022927 | 0.003585515 | *PPL* | Periplakin | 0.25050759 | 1.16282472 | 1.868282855 | 15.85509989 | 0.548933606 | 17.29087074 | 3.317281185 | 26.50898312 | 4.444792289 | 6.132497011 | 0.335285628 | 0.592856331 | 1.177334852 | 0.7839971 | 0.665986084 | 1.546676939 | 0.331260836 | 1.413196248 | 0.558063415 | 0.479185006 | 7.17661871 | 1.349772834 | 2.41058765 | 5.316908542 |
| ENSG00000197249 | 13.53526675 | 0.000234122 | 0.003642781 | *SERPINA1* | Serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 1 | 1.44694056 | 2.309680085 | 0.455755557 | 0.795601297 | 0.356013032 | 0.303560081 | 1.550014855 | 1.351624593 | 0.579094175 | 1.003034987 | 0.747532059 | 1.837086321 | 1.830942867 | 2.941510449 | 0.538814995 | 2.611132542 | 0.992241354 | 4.395421213 | 1.881733163 | 3.390425153 | 2.093907672 | 1.037908262 | 1.012518897 | 2.017430393 |
| ENSG00000185274 | 13.31756802 | 0.000262931 | 0.003976452 | *WBSCR17* | Williams-Beuren syndrome chromosome region 17 | 0.501976963 | 3.528655707 | 2.794911297 | 4.630408276 | 1.608168251 | 3.463687035 | 1.473046458 | 4.071372565 | 1.744119448 | 2.318259216 | 0.375450404 | 1.048642818 | 1.488181344 | 1.147102278 | 1.473363231 | 7.901780106 | 0.583375383 | 1.595950031 | 1.439814684 | 0.878103056 | 3.058396109 | 1.348240746 | 1.181697138 | 2.268434712 |
| ENSG00000174640 | 13.26631049 | 0.000270218 | 0.004079944 | *SLCO2A1* | Solute carrier organic anion transporter family, member 2A1 | 2.052322723 | 6.654418016 | 1.097721799 | 1.908510979 | 1.056354242 | 2.496873993 | 2.033374799 | 1.691829217 | 0.955420427 | 1.537255482 | 1.690435116 | 5.114724163 | 2.438904414 | 2.783405461 | 1.020284475 | 4.839248174 | 1.751158273 | 7.557040648 | 2.614746626 | 1.610658114 | 3.619396425 | 1.67107229 | 1.114974987 | 2.165912538 |
| ENSG00000231231 | 13.13763798 | 0.000289422 | 0.004301363 | *AP001422.3* | Lincrna | 1.481830886 | 2.699478249 | 2.845130012 | 9.460172448 | 0.593750467 | 5.225461513 | 1.472626313 | 10.66924819 | 7.186736114 | 9.17898686 | 0.874417344 | 2.557335858 | 1.754241685 | 5.831391433 | 2.820040192 | 3.378937103 | 0.830355097 | 1.857503295 | 5.298064603 | 2.690936482 | 5.354945143 | 2.515719271 | 1.089900855 | 2.128594078 |
| ENSG00000143228 | 13.13669071 | 0.000289569 | 0.004301363 | *NUF2* | NUF2, NDC80 kinetochore complex component | 10.84906312 | 33.05757172 | 1.740327044 | 8.588862628 | 3.518073049 | 3.630013024 | 0.892953403 | 4.71217736 | 3.630324102 | 2.284014326 | 15.4742767 | 19.36042661 | 1.614736584 | 46.152737 | 11.21219438 | 26.53925544 | 16.59578549 | 30.31091074 | 7.402492462 | 21.70764478 | 19.63436136 | 7.293022632 | 1.428791897 | 2.692211769 |
| ENSG00000226674 | 12.75132631 | 0.000355757 | 0.005063329 | *TEX41* | Testis expressed 41 (non-protein coding) | 1.231590061 | 2.651190531 | 1.795585406 | 1.21340003 | 0.254408503 | 1.808174972 | 0 | 2.09760116 | 0.881784573 | 3.280009751 | 3.542451835 | 1.948442123 | 0.288653377 | 1.120817607 | 0.921586327 | 3.482705209 | 0.599578444 | 2.515336227 | 1.222965015 | 2.413736918 | 2.253141453 | 1.073860354 | 1.069131493 | 2.098169882 |
| ENSG00000186193 | 12.56364347 | 0.000393324 | 0.005454253 | *SAPCD2* | Suppressor APC domain containing 2 | 1.829658752 | 3.180140859 | 0.228319156 | 0.803984346 | 0.286028302 | 0.781609067 | 0.371141452 | 0.862202014 | 0.417094483 | 0.234127071 | 1.637888662 | 2.11923318 | 0.366992153 | 4.820981509 | 1.959061752 | 2.76252112 | 2.511653434 | 4.373800866 | 0.148981119 | 2.385013374 | 2.232361341 | 0.975681927 | 1.194087758 | 2.28800112 |
| ENSG00000145386 | 12.45106367 | 0.000417754 | 0.005728126 | *CCNA2* | Cyclin A2 | 27.00682312 | 60.24547191 | 4.647843899 | 10.64002966 | 5.482494417 | 9.609401753 | 5.309454848 | 9.682636043 | 7.323614227 | 4.080495273 | 28.12071892 | 42.58848051 | 5.824997534 | 66.77715341 | 30.88964608 | 55.04584062 | 30.80708367 | 63.48558133 | 19.70869595 | 45.45261004 | 36.76077005 | 16.51213727 | 1.154640119 | 2.226287819 |
| ENSG00000251349 | 12.39806833 | 0.000429778 | 0.005832024 | *MSANTD3-TMEFF1* | MSANTD3-TMEFF1 readthrough | 1.09E-08 | 7.262720363 | 6.861737878 | 7.506816758 | 3.095731507 | 5.20965217 | 0.00000192 | 11.93306749 | 8.578029404 | 6.921758058 | 0.002627783 | 5.689148175 | 0.001629939 | 6.6479567 | 7.89082768 | 6.208701465 | 5.847561346 | 5.222719832 | 0.00040987 | 8.873126053 | 7.147566706 | 3.227855734 | 1.146876079 | 2.214338959 |
| ENSG00000270001 | 12.33867176 | 0.000443671 | 0.00599821 | *RP11-218C14.8* | Lincrna | 1.209839641 | 2.350518361 | 1.460567733 | 6.449869332 | 2.23286877 | 3.717648064 | 0 | 3.395721701 | 2.747451438 | 0.786284128 | 0.576270016 | 0.549136167 | 0 | 2.412840152 | 0.27861218 | 2.266801116 | 0.533751658 | 1.383569314 | 1.450990775 | 3.829911178 | 2.714229951 | 1.049035221 | 1.371479835 | 2.587358266 |
| ENSG00000184682 | 12.22669257 | 0.000471106 | 0.006267763 | *C11orf89* | Chromosome 11 open reading frame 89 | 0.13742059 | 2.626645666 | 1.520708435 | 2.210440797 | 0.300084139 | 1.454748792 | 0.836650283 | 1.987035045 | 0.852068434 | 0.617522777 | 0.489869557 | 0.25948892 | 0.136112484 | 0.337029369 | 0.8734066 | 1.568905093 | 0.327895646 | 1.887341682 | 0 | 0.412035081 | 1.336119322 | 0.547421617 | 1.287324543 | 2.44075002 |
| ENSG00000126217 | 12.2018125 | 0.000477431 | 0.006339467 | *MCF2L* | MCF.2 cell line derived transforming sequence-like | 4.549878486 | 10.84043936 | 5.6319103 | 30.70042282 | 7.785110995 | 60.02322737 | 8.600674717 | 50.49254881 | 27.35471151 | 33.52591901 | 5.516863122 | 4.807077801 | 10.16887068 | 13.80298969 | 6.747425108 | 11.72042498 | 8.664730431 | 16.11378872 | 12.69492893 | 9.520100504 | 24.15469391 | 9.771510428 | 1.305650082 | 2.471950891 |
| ENSG00000228630 | 12.13517376 | 0.000494797 | 0.006521511 | *HOTAIR* | HOX transcript antisense RNA | 0.208981503 | 9.831428079 | 0.586948042 | 9.414399565 | 0.568037775 | 9.622819607 | 0.103613545 | 9.831137796 | 9.255165268 | 4.281046006 | 0.634760118 | 0.202543804 | 0.727957923 | 8.531041629 | 0.383492466 | 0 | 0.381163185 | 13.09992483 | 0.428892874 | 8.639284027 | 7.345362534 | 1.32790127 | 2.467685812 | 5.531557731 |
| ENSG00000102678 | 11.97991266 | 0.000537771 | 0.006962959 | *FGF9* | Fibroblast growth factor 9 | 0.26695958 | 3.752062305 | 1.900629205 | 0.738052777 | 0.261390791 | 0.503473965 | 0 | 2.404301746 | 0.25234823 | 2.132932496 | 1.030919322 | 0.203867785 | 0 | 1.480210429 | 0.02940306 | 1.438534964 | 1.495862208 | 2.922236918 | 0 | 0.620483691 | 1.619615707 | 0.52375124 | 1.628697881 | 3.092337706 |
| ENSG00000214357 | 11.90420827 | 0.000560073 | 0.007190863 | *NEURL1B* | Neuralized E3 ubiquitin protein ligase 1B | 0.376613939 | 0.990246002 | 0.098962137 | 0.217184692 | 0.173431491 | 0.248175478 | 0.103557371 | 0.216945285 | 0.114417505 | 0.267105784 | 0.469805736 | 0.60334267 | 0.119849822 | 1.028972194 | 0.299450196 | 0.619408343 | 0.441412188 | 0.671891591 | 0.11667099 | 0.629527261 | 0.54927993 | 0.231417137 | 1.247045872 | 2.373549064 |
| ENSG00000085999 | 11.81260196 | 0.000588312 | 0.007486883 | *RAD54L* | RAD54-like (S. Cerevisiae) | 1.970252242 | 6.443520622 | 1.196434034 | 1.364206917 | 1.028892088 | 1.747395509 | 0.792795284 | 2.0531788 | 2.366204474 | 0.835239663 | 4.225837809 | 4.913606447 | 1.060943404 | 6.128322971 | 4.127695111 | 7.621392942 | 2.585339121 | 8.007697766 | 2.472783437 | 6.212258475 | 4.532682011 | 2.182717701 | 1.0542394 | 2.076623106 |
| ENSG00000170312 | 11.79380807 | 0.00059428 | 0.007535214 | *CDK1* | Cyclin-dependent kinase 1 | 21.67284817 | 58.56495388 | 4.341295136 | 8.999166504 | 4.635803402 | 9.121925101 | 2.624730416 | 8.171066385 | 8.870715808 | 3.388198337 | 25.80784525 | 34.25286061 | 5.028177918 | 57.30160511 | 26.86411999 | 49.4724701 | 26.66252408 | 54.16591141 | 12.65244223 | 46.09989524 | 32.95380527 | 13.91605024 | 1.243695274 | 2.368042994 |
| ENSG00000121211 | 11.63412768 | 0.000647527 | 0.008115083 | *MND1* | Meiotic nuclear divisions 1 homolog (S. Cerevisiae) | 7.371239135 | 12.14270691 | 0.721685649 | 2.582341532 | 1.109692875 | 1.934932105 | 0 | 2.060609594 | 1.458311714 | 0.561611243 | 4.526434829 | 7.767272885 | 2.104867598 | 9.824183774 | 4.492256403 | 11.39104266 | 4.818909861 | 8.486171252 | 3.461366396 | 6.946079204 | 6.369695116 | 3.006476446 | 1.083150664 | 2.118657914 |
| ENSG00000213347 | 11.60683899 | 0.000657097 | 0.008184741 | *MXD3* | MAX dimerization protein 3 | 7.924819499 | 24.42145342 | 4.966988259 | 5.948030609 | 8.094455813 | 7.098261886 | 2.158674038 | 9.612812336 | 6.897774682 | 4.711036127 | 10.96322608 | 11.6897671 | 4.452237381 | 30.15488998 | 16.67660489 | 26.70432453 | 8.90225744 | 24.0607361 | 5.314420372 | 18.49888907 | 16.29002012 | 7.635145846 | 1.093260765 | 2.133557164 |
| ENSG00000165480 | 11.43177058 | 0.000721989 | 0.008796091 | *SKA3* | Spindle and kinetochore associated complex subunit 3 | 12.26743987 | 18.29819744 | 1.455218542 | 3.568370803 | 2.269514887 | 3.306075935 | 2.22225409 | 2.548552042 | 2.095498535 | 1.491170484 | 7.099517748 | 12.3451052 | 1.37963566 | 16.96795176 | 8.828683934 | 15.00748847 | 9.579977857 | 21.44717658 | 6.251181746 | 12.63494311 | 10.76150318 | 5.344892286 | 1.00964683 | 2.013418158 |
| ENSG00000133048 | 11.30058399 | 0.000774827 | 0.009273681 | *CHI3L1* | Chitinase 3-like 1 (cartilage glycoprotein-39) | 42.09592604 | 95.27996596 | 270.3544154 | 857.0377831 | 208.7191332 | 978.1066984 | 383.2895925 | 1087.654999 | 642.419577 | 728.6621946 | 76.20344744 | 59.76444908 | 178.8516894 | 160.7025159 | 115.8993199 | 163.1237374 | 50.30616474 | 239.8072602 | 129.030575 | 111.9243467 | 448.206395 | 209.7169841 | 1.09571953 | 2.137196456 |
| ENSG00000231317 | 11.1914988 | 0.000821729 | 0.009714715 | *RP11-310H4.6* | Pseudogene | 0.141857602 | 0.231242246 | 0.355372605 | 0.512785686 | 0.260821472 | 0.42259595 | 0.307540325 | 0.343376112 | 0.376481656 | 0.769520179 | 0.248412769 | 0.618492269 | 0.07221995 | 0.339428167 | 0 | 0.289963645 | 0.112621472 | 0.638182067 | 0.130676649 | 0.143128851 | 0.430871517 | 0.20060045 | 1.102932889 | 2.147909024 |
| ENSG00000269048 | 11.14897667 | 0.00084078 | 0.009882669 | *Z98049.1* | CDNA FLJ25492 fis, clone CBR01389; Uncharacterized protein | 0 | 0.14124791 | 0.149819911 | 0.432929633 | 0.153271024 | 0.37107639 | 0 | 0.18804068 | 0.027004578 | 0.025734779 | 0 | 0.370976449 | 0 | 0.099698367 | 0.386367931 | 0.158708024 | 0 | 0.434563664 | 0.246233117 | 0.098706206 | 0.23216821 | 0.096269656 | 1.270017402 | 2.411644745 |
| ENSG00000175018 | 11.10975389 | 0.000858749 | 0.010029662 | *TEX36* | Testis expressed 36 | 0 | 3.383412127 | 0.635649932 | 0.635749005 | 0.095678737 | 0.781104075 | 0 | 0.257190614 | 0.621254247 | 0.091731288 | 0.745931472 | 1.051613033 | 0.485826791 | 3.731704954 | 0.690221473 | 2.896336626 | 0.727362196 | 1.960933949 | 0.396910016 | 2.063782624 | 1.685355829 | 0.439883486 | 1.937859873 | 3.831368718 |
| ENSG00000105852 | 11.03728292 | 0.000892976 | 0.010356947 | *PON3* | Paraoxonase 3 | 0.320119891 | 2.917288208 | 0.321248864 | 2.384898296 | 1.424870571 | 2.008389842 | 0.592864532 | 2.951574667 | 0.787593505 | 0.335177131 | 1.7117433 | 1.721665098 | 0.587179519 | 3.490575374 | 1.525588756 | 2.001915175 | 0.684656753 | 1.952005267 | 1.422324454 | 1.707175402 | 2.147066446 | 0.937819015 | 1.194985404 | 2.289425159 |
| ENSG00000235563 | 10.98798356 | 0.000917045 | 0.010582622 | *RP11-334A14.8* | Antisense RNA | 0.028676635 | 0.084552293 | 0.26507142 | 1.157241991 | 0.187724302 | 0.857568529 | 0 | 0.60119853 | 0.735133305 | 0.913042801 | 0.360623186 | 0.472551181 | 0.026759495 | 0.138327391 | 0.110289401 | 0.624463599 | 0.028783336 | 0.221705041 | 0.144779762 | 0.029617802 | 0.510026916 | 0.188784084 | 1.433836243 | 2.701641495 |
| ENSG00000269974 | 10.73919806 | 0.001048898 | 0.011778449 | *RP11-932O9.10* | Lincrna | 1.546633038 | 3.190660587 | 0.123670602 | 0.583879304 | 0.138389943 | 0.946172241 | 0 | 0.949331793 | 0.152580461 | 0.337767163 | 2.227577162 | 0.523369599 | 0.29278161 | 3.883985113 | 0.938877149 | 2.47429039 | 1.390891242 | 1.646894064 | 0.500840539 | 1.711657475 | 1.624800773 | 0.731224175 | 1.151877158 | 2.222028249 |
| ENSG00000141574 | 10.69467375 | 0.001074444 | 0.012021204 | *SECTM1* | Secreted and transmembrane 1 | 5.928700974 | 10.41165525 | 23.21786033 | 99.92891617 | 9.70762378 | 91.19204611 | 11.462789 | 102.6567421 | 14.55589919 | 33.04442321 | 4.050245465 | 2.581483229 | 9.109009474 | 8.704133964 | 5.960070058 | 20.32346171 | 2.808374561 | 13.59215153 | 7.252996129 | 4.030591165 | 38.64656045 | 9.405356896 | 2.038785425 | 4.108994573 |
| ENSG00000163808 | 10.48806357 | 0.001201482 | 0.013045071 | *KIF15* | Kinesin family member 15 | 2.803704604 | 9.211308392 | 1.25547881 | 3.123317296 | 1.648787694 | 1.827198561 | 1.005738381 | 2.12028401 | 1.586973372 | 0.758509427 | 4.483780653 | 5.227495527 | 1.119131994 | 9.745325165 | 4.800195976 | 6.024858876 | 3.140701108 | 9.04078849 | 1.530222344 | 3.556130926 | 5.063521667 | 2.337471494 | 1.115192354 | 2.166238896 |
| ENSG00000182901 | 10.38532974 | 0.001270205 | 0.01358239 | *RGS7* | Regulator of G-protein signaling 7 | 0.506533556 | 1.895635862 | 0.274416977 | 1.552576414 | 0.46172931 | 1.200494227 | 0.633094257 | 0.493229627 | 0.667845591 | 0.204583068 | 0.208701887 | 0.502261883 | 0.540120453 | 0.911157244 | 0.185065452 | 1.062269808 | 0.272020403 | 0.769362114 | 0.472982491 | 1.137624294 | 0.972919454 | 0.422251038 | 1.204219404 | 2.304125669 |
| ENSG00000157303 | 10.33674783 | 0.001304076 | 0.013863828 | *SUSD3* | Sushi domain containing 3 | 2.681511452 | 4.775004803 | 1.234664273 | 1.813504471 | 1.696074991 | 2.596246461 | 0 | 1.136199729 | 1.422895478 | 1.135691891 | 3.572553176 | 9.143984635 | 0.164684628 | 3.903788173 | 2.947845869 | 2.750409519 | 1.936432021 | 5.305153836 | 2.900592726 | 5.404157423 | 3.796414094 | 1.855725461 | 1.032654071 | 2.045784343 |
| ENSG00000182175 | 10.30474959 | 0.001326883 | 0.014028787 | *RGMA* | Repulsive guidance molecule family member a | 1.808062722 | 2.303685257 | 2.672432005 | 5.431615318 | 0.91979785 | 6.884990164 | 1.832771059 | 6.255671148 | 3.612994996 | 4.881246047 | 0.580857774 | 1.249508973 | 0.479922427 | 0.745215709 | 0.833886284 | 1.010130111 | 1.11083138 | 1.048559311 | 0.972787268 | 0.782547542 | 3.059316958 | 1.482434376 | 1.045241342 | 2.063711559 |
| ENSG00000024526 | 10.30001724 | 0.00133029 | 0.014028787 | *DEPDC1* | DEP domain containing 1 | 10.59275504 | 20.74353455 | 1.052234935 | 2.044164652 | 1.440448962 | 2.330383405 | 2.42136147 | 2.42154245 | 1.806156432 | 1.357925634 | 7.231703386 | 11.31705166 | 1.177791947 | 20.06533913 | 9.799024564 | 15.16859636 | 6.829659334 | 20.80594568 | 4.862120927 | 15.15722758 | 11.14117111 | 4.7213257 | 1.238636975 | 2.359754827 |
| ENSG00000185915 | 10.27348149 | 0.001349559 | 0.014170331 | *KLHL34* | Kelch-like family member 34 | 0 | 0.116468128 | 0 | 0.064747044 | 0.018458782 | 0.135942612 | 0 | 0.179656713 | 0.144450352 | 0 | 0.090661448 | 0.103642928 | 0 | 0.097954369 | 0.129132599 | 0.225343889 | 0.017464407 | 0.212172691 | 0 | 0.227623561 | 0.136355194 | 0.040016759 | 1.768693429 | 3.407452224 |
| ENSG00000244167 | 10.22403874 | 0.00138622 | 0.01446182 | *RP4-733B9.1* | Pseudogene | 1.377079097 | 1.734031419 | 3.934401811 | 2.973706076 | 3.299649836 | 5.339447889 | 0 | 4.667937807 | 3.368571757 | 2.817883039 | 0 | 4.741970955 | 0.552500831 | 3.597521364 | 5.161531907 | 1.957488807 | 0.599719193 | 3.150269485 | 0 | 6.369274172 | 3.734953101 | 1.829345443 | 1.029762596 | 2.041688252 |
| ENSG00000267342 | 10.06955354 | 0.001507396 | 0.015341343 | *RP11-552F3.10* | Antisense RNA | 0.204620644 | 0.159241785 | 0.248552772 | 0.232679408 | 0.452793582 | 0.365331167 | 0 | 0.389740075 | 0.318125022 | 0.242055099 | 0.043324709 | 0.289842778 | 0.114055142 | 0.823188473 | 0 | 0.234203744 | 0.164533297 | 0.394546868 | 0.123213517 | 0.305634758 | 0.343646416 | 0.166921869 | 1.041751936 | 2.058726149 |
| ENSG00000258555 | 9.9437901 | 0.001613929 | 0.016183363 | *SPECC1L-ADORA2A* | SPECC1L-ADORA2A readthrough (NMD candidate) | 0.155437551 | 0.34823077 | 0 | 0 | 0 | 0.161472593 | 0 | 0.114460171 | 0 | 0 | 0.354919677 | 0.264925119 | 0 | 0.42983173 | 0 | 0.373123858 | 0.128439016 | 0.166319745 | 0 | 0 | 0.185836399 | 0.063879624 | 1.540605365 | 2.909165485 |
| ENSG00000115604 | 9.822725136 | 0.001723688 | 0.017099012 | *IL18R1* | Interleukin 18 receptor 1 | 0.145049761 | 0.781397217 | 1.976428468 | 4.270394562 | 1.586048418 | 2.425736692 | 0.904185066 | 3.500795556 | 0.981968127 | 1.442120327 | 1.831578057 | 2.440446931 | 1.028977437 | 0.720355713 | 0.396563975 | 0.187197707 | 0.438331102 | 1.748412943 | 0.341658317 | 3.105437074 | 2.062229472 | 0.963078873 | 1.098479016 | 2.141288248 |
| ENSG00000224183 | 9.733699527 | 0.0018092 | 0.017739971 | *SDHDP6* | Succinate dehydrogenase complex, subunit D, integral membrane protein pseudogene 6 | 7.716723046 | 6.0838509 | 3.443431668 | 1.711301309 | 1.730511841 | 3.094419747 | 0 | 5.256397911 | 0 | 0.55370434 | 1.832311399 | 8.129862778 | 0.523320185 | 9.979483677 | 3.234434357 | 4.983222662 | 1.082936303 | 0.592204121 | 0 | 3.202594403 | 4.358704185 | 1.95636688 | 1.155722348 | 2.227958482 |
| ENSG00000107562 | 9.544171645 | 0.002005853 | 0.019231053 | *CXCL12* | Chemokine (C-X-C motif) ligand 12 | 44.6353324 | 32.35476117 | 66.18143803 | 233.4525408 | 42.7418186 | 226.6492832 | 75.83711747 | 317.7359191 | 131.8467705 | 179.8771661 | 28.63849081 | 43.83177956 | 42.16394138 | 53.35071476 | 19.81548214 | 43.01957762 | 46.28093051 | 38.91699305 | 52.86511294 | 52.86613319 | 122.2054868 | 55.10064348 | 1.149167989 | 2.217859523 |
| ENSG00000204936 | 9.541399943 | 0.002008885 | 0.019240022 | *CD177* | CD177 molecule | 1.607650635 | 0.222463596 | 0.620743866 | 2.852168848 | 0.295023639 | 1.125243544 | 0.152763512 | 1.936567652 | 0.388057351 | 0.55370434 | 0.9161557 | 2.032465695 | 1.04664037 | 1.138177013 | 0.295169584 | 2.112022632 | 0.170401704 | 0.88181619 | 0.080334142 | 0.699559994 | 1.35541895 | 0.55729405 | 1.282228191 | 2.432143228 |
| ENSG00000261068 | 9.469662733 | 0.002088978 | 0.019800533 | *RP11-7K24.3* | Lincrna | 0.409023343 | 0.294183786 | 0.122590524 | 0.756371507 | 0.031168574 | 0.267614288 | 0.37705241 | 0.369997926 | 0.136990175 | 0.396119729 | 0.031400059 | 0.033734316 | 0.151863896 | 0.143495785 | 0.173962652 | 0.39397749 | 0.090124238 | 0.538866321 | 0 | 0.089591456 | 0.32839526 | 0.152417587 | 1.107403923 | 2.154575902 |
| ENSG00000133055 | 9.327293652 | 0.002257655 | 0.021030215 | *MYBPH* | Myosin binding protein H | 2.390685517 | 5.104175445 | 1.243009876 | 6.192816793 | 0.197199543 | 8.326265144 | 1.613934606 | 7.531386598 | 1.914457451 | 2.066843354 | 0.314910993 | 0.24151481 | 0.668574974 | 1.494129633 | 2.145898364 | 4.081669258 | 0.937256252 | 1.211050136 | 1.098934827 | 1.127996504 | 3.737784767 | 1.25248624 | 1.577388743 | 2.98429208 |
| ENSG00000159753 | 9.28763465 | 0.002307059 | 0.021371139 | *RLTPR* | RGD motif, leucine rich repeats, tropomodulin domain and proline-rich containing | 0.743232094 | 4.101015529 | 0.068961795 | 0.098351055 | 0.380254167 | 0.465916359 | 0 | 0.131520556 | 0.520580194 | 0.665864902 | 0.392460232 | 1.366599702 | 1.52308784 | 1.673936513 | 0.662990194 | 2.114481249 | 1.122340059 | 3.642498261 | 1.549229894 | 2.597539135 | 1.685772326 | 0.696313647 | 1.275600501 | 2.420995672 |
| ENSG00000121621 | 9.203120052 | 0.00241603 | 0.02219632 | *KIF18A* | Kinesin family member 18A | 4.068189911 | 8.51274686 | 0.877016997 | 1.766919439 | 1.062633254 | 1.41626672 | 0.87547543 | 1.805371614 | 2.050800974 | 0.825825634 | 4.514530245 | 8.092537033 | 1.09918794 | 10.48368399 | 6.023508313 | 7.155883053 | 3.864458967 | 9.396976036 | 2.082086822 | 7.470728353 | 5.692693873 | 2.651788885 | 1.102145596 | 2.14673721 |
| ENSG00000188280 | 9.156639475 | 0.002478172 | 0.02256058 | *FAM230A* | Family with sequence similarity 230, member A | 0.015726411 | 0.429322685 | 0.00569181 | 0.014515994 | 0.049377582 | 0.0916112 | 0.015963543 | 0.039048453 | 0.015114925 | 0.067677843 | 0.026586226 | 0.015867378 | 0.009310365 | 0.023819352 | 0.013902695 | 0.310130792 | 0.536169981 | 0.279704694 | 0.06312094 | 0.412996643 | 0.168469503 | 0.075096448 | 1.165670888 | 2.243375137 |
| ENSG00000101470 | 8.955453437 | 0.002766425 | 0.024584494 | *TNNC2* | Troponin C type 2 (fast) | 0.615192285 | 0.877920615 | 0.996906753 | 2.341510162 | 0.726198462 | 2.629264155 | 1.082393431 | 4.297587045 | 1.468535532 | 2.875703179 | 0.944260525 | 0.808541314 | 0 | 0.745235451 | 0.330609749 | 0.474237741 | 0.558343549 | 0.283329541 | 0.703776973 | 1.070800194 | 1.64041294 | 0.742621726 | 1.143359601 | 2.20894822 |
| ENSG00000154760 | 8.929133605 | 0.002806574 | 0.024857071 | *SLFN13* | Schlafen family member 13 | 0.865562393 | 1.776537864 | 1.258018554 | 0.368881036 | 0.503197463 | 1.723121312 | 0.224565018 | 0.807633844 | 1.963352087 | 1.900904826 | 0.964091373 | 1.125192556 | 0.332487875 | 1.409346903 | 0.673960485 | 3.431334725 | 0.798535913 | 1.317040555 | 0.863704924 | 3.316410076 | 1.71764037 | 0.844747608 | 1.023835738 | 2.033317825 |
| ENSG00000103184 | 8.876045709 | 0.002889367 | 0.02538219 | *SEC14L5* | SEC14-like 5 (S. Cerevisiae) | 0.112962736 | 0.434837085 | 0.166580847 | 0.740461056 | 0.119418804 | 0.184379265 | 0.164182034 | 0.386000953 | 0.257019673 | 0.134941083 | 0.180169379 | 0.097821001 | 0.147607213 | 0.134991967 | 0.096201934 | 0.218223281 | 0.06993282 | 0.377223994 | 0.132384954 | 0.519396329 | 0.322827602 | 0.144646039 | 1.158237112 | 2.231845427 |
| ENSG00000118997 | 8.822438935 | 0.002975487 | 0.025940143 | *DNAH7* | Dynein, axonemal, heavy chain 7 | 0.283176938 | 0.338995451 | 0.134334682 | 1.762430681 | 1.156559323 | 1.818480287 | 0.609984559 | 0.98700017 | 0.450280226 | 2.23450468 | 0.599658206 | 0.698294477 | 0.403081056 | 0.217081713 | 0.173031136 | 0.318745897 | 0.212971861 | 0.476960106 | 0.257007531 | 1.209964505 | 1.006245797 | 0.428008552 | 1.233271229 | 2.350994606 |
| ENSG00000109674 | 8.806256484 | 0.003001993 | 0.026084523 | *NEIL3* | Nei endonuclease VIII-like 3 (E. Coli) | 2.115186379 | 8.51503338 | 0.659988464 | 1.854618728 | 0.53051321 | 1.587368854 | 0.592070967 | 1.365277434 | 1.593468495 | 0.330456152 | 3.462401897 | 3.424160646 | 0.305634979 | 5.048240348 | 2.610242692 | 5.015733152 | 2.100281268 | 5.723975717 | 1.211038256 | 4.583584241 | 3.744844865 | 1.518082661 | 1.302655606 | 2.466825399 |
| ENSG00000248869 | 8.604691159 | 0.003352982 | 0.028238878 | *RP11-138I17.1* | Lincrna | 0.743209295 | 4.144294559 | 1.405302219 | 2.913103232 | 0.650651808 | 8.395939325 | 5.035231402 | 6.994311908 | 1.436673929 | 1.660562392 | 5.036688908 | 1.331363696 | 0.883546005 | 8.737899313 | 2.651191354 | 5.753830312 | 2.079779325 | 8.623277145 | 3.683249285 | 4.227826344 | 5.278240823 | 2.360552353 | 1.160932696 | 2.236019386 |
| ENSG00000261143 | 8.603023591 | 0.003356054 | 0.028247826 | *ADAMTS7P3* | ADAMTS7 pseudogene 3 | 0.012548078 | 0.099545222 | 0.065340489 | 0.061107132 | 0.05508196 | 0.114498563 | 0 | 2.869018867 | 0.066506308 | 0.152298122 | 0 | 0.025724811 | 0.06017349 | 0.049258579 | 0.024289632 | 0.109005902 | 0.038898975 | 0.024697288 | 0.038366814 | 0.770559677 | 0.427571416 | 0.036120575 | 3.565272664 | 11.83733707 |
| ENSG00000228906 | 8.567896077 | 0.003421423 | 0.028631416 | *RP13-216E22.4* | Lincrna | 1.320780524 | 3.340839355 | 1.22031961 | 4.715660485 | 2.031908824 | 1.146243981 | 2.919094338 | 4.151747491 | 1.156876014 | 2.323174824 | 1.681476246 | 1.025455591 | 0.43027509 | 3.72667486 | 2.485953723 | 3.246492536 | 2.348074934 | 3.413883292 | 0 | 4.226909353 | 3.131708177 | 1.55947593 | 1.005888498 | 2.008179874 |
| ENSG00000164112 | 8.53263929 | 0.003488335 | 0.029058905 | *TMEM155* | Transmembrane protein 155 | 0.416346186 | 0.780250183 | 0.933230761 | 0.784647241 | 0.416438562 | 0.605886656 | 0.482819835 | 0.331446627 | 0.928421269 | 0.511907791 | 0.621180891 | 1.215011824 | 0.12080156 | 1.98791315 | 0.394772791 | 1.287488859 | 0.376706596 | 1.713483028 | 0.535417142 | 2.21711736 | 1.143515272 | 0.522613559 | 1.129659172 | 2.188070424 |
| ENSG00000103710 | 8.415874591 | 0.003719588 | 0.030446563 | *RASL12* | RAS-like, family 12 | 0.152049792 | 0.589431951 | 0.101767337 | 0.407516312 | 0.236125677 | 0.404509996 | 0.042502779 | 0.854588524 | 0.252118043 | 0.509809026 | 0.631557198 | 0.306518161 | 0.346997882 | 0.465392828 | 0.077221103 | 0.472093779 | 0.21037786 | 0.135948836 | 0.082467064 | 0.121823422 | 0.426763283 | 0.213318473 | 1.00042715 | 2.000592243 |
| ENSG00000168079 | 8.078049577 | 0.004480464 | 0.03498993 | *SCARA5* | Scavenger receptor class A, member 5 (putative) | 0.233357761 | 1.211379522 | 3.485015267 | 20.47700873 | 1.607344234 | 11.78227738 | 3.587408407 | 21.90617818 | 0.790825828 | 1.124084912 | 0.222178605 | 0.172788389 | 0.505351386 | 0.300273058 | 0.481135259 | 1.821065638 | 0.188388673 | 0.396002037 | 0.242658613 | 0.078512046 | 5.926956989 | 1.134366403 | 2.385404878 | 5.224905261 |
| ENSG00000108830 | 7.958990155 | 0.00478491 | 0.036788507 | *RND2* | Rho family GTPase 2 | 0.184450507 | 0.839115935 | 0.312785785 | 0.667143912 | 0.389604067 | 0.803483375 | 0.234058987 | 1.552430408 | 0.607464227 | 0.445045136 | 0.186564596 | 0.460945795 | 0.123702958 | 0.170951593 | 0.171409383 | 0.200589681 | 0.354156981 | 0.128316663 | 0 | 0.348614999 | 0.56166375 | 0.256419749 | 1.131199312 | 2.190407531 |
| ENSG00000205177 | 7.844403043 | 0.005097829 | 0.038772316 | *C11orf91* | Chromosome 11 open reading frame 91 | 12.0705632 | 11.10255889 | 5.781796623 | 6.728857396 | 7.192873039 | 5.870044339 | 2.430859861 | 10.42914487 | 7.190276072 | 14.95076434 | 0.340519415 | 12.89153172 | 6.431497261 | 10.22902237 | 2.292488715 | 15.4034418 | 3.419460949 | 2.184069803 | 4.575325896 | 15.2818769 | 10.50713124 | 5.172566103 | 1.022416742 | 2.031318892 |
| ENSG00000188257 | 7.815688943 | 0.00517946 | 0.039236383 | *PLA2G2A* | Phospholipase A2, group IIA (platelets, synovial fluid) | 1.082737709 | 4.528656272 | 31.6222157 | 126.142371 | 2.766348327 | 20.14714466 | 2.691560695 | 19.91706882 | 10.25582262 | 4.776148539 | 0.870317154 | 2.214153238 | 0.524559644 | 0.432165148 | 2.821849879 | 2.709653105 | 0.752149459 | 1.229861322 | 3.443919091 | 2.694288621 | 18.47915108 | 5.683148028 | 1.701136283 | 3.25156955 |
| ENSG00000137869 | 7.769554028 | 0.005313417 | 0.039850624 | *CYP19A1* | Cytochrome P450, family 19, subfamily A, polypeptide 1 | 1.608158914 | 4.188869837 | 2.366369617 | 18.16895435 | 3.211412331 | 46.94895952 | 5.881653112 | 46.85862921 | 20.46197706 | 20.87454216 | 1.304766816 | 1.762961307 | 6.41677183 | 3.662417544 | 5.446028774 | 3.386150502 | 1.665964176 | 5.114857838 | 2.968775564 | 3.028622474 | 15.39949647 | 5.13318782 | 1.584956225 | 2.999986951 |
| ENSG00000226174 | 7.668009847 | 0.005620842 | 0.041763924 | *TEX22* | Testis expressed 22 | 0.875160668 | 2.658616044 | 1.756133723 | 2.45321506 | 0.355715322 | 1.913004577 | 1.676073189 | 1.495087426 | 1.499228307 | 0.289528941 | 0.649205279 | 2.160409798 | 0.071211458 | 0.810315764 | 1.39830476 | 1.465519349 | 1.00824998 | 4.202100527 | 0.018981952 | 1.269252867 | 1.871705035 | 0.930826464 | 1.007768963 | 2.010799121 |
| ENSG00000111536 | 7.56778476 | 0.005942077 | 0.043412868 | *IL26* | Interleukin 26 | 0.096137475 | 0.244580664 | 0.841262869 | 2.147459928 | 1.094253025 | 6.008234149 | 1.74715315 | 2.812507888 | 0.877292294 | 0.792048787 | 0.439335742 | 0.090941027 | 0 | 0.159790504 | 0 | 0.709225752 | 0.079936724 | 1.359602729 | 0.809578881 | 0.576916483 | 1.490130791 | 0.598495016 | 1.316027826 | 2.489796492 |
| ENSG00000186354 | 7.555227318 | 0.005983625 | 0.043646943 | *C9orf47* | Chromosome 9 open reading frame 47 | 0.038070531 | 0.149427154 | 0.070807363 | 0.12979792 | 0.035489866 | 0.081141845 | 0 | 0.329460068 | 0.080548948 | 0.327600203 | 0.154434022 | 0.100245983 | 0.16348089 | 0.326504191 | 0.077909617 | 0.130288672 | 0.069178613 | 0.297720105 | 0.19654753 | 0.077853356 | 0.19500395 | 0.088646738 | 1.137363898 | 2.199787091 |
| ENSG00000123388 | 7.534698382 | 0.006052187 | 0.043924213 | *HOXC11* | Homeobox C11 | 0.130817792 | 5.832320734 | 0.578405096 | 4.048143386 | 0.508099794 | 4.068191515 | 1.409981223 | 5.268565604 | 3.633070007 | 2.489628622 | 0.203192141 | 0 | 0.089577599 | 4.916438076 | 0.074479349 | 0.098735635 | 0.350849197 | 5.556435612 | 0.578628163 | 4.175517072 | 3.645397626 | 0.755710036 | 2.270171499 | 4.823804701 |
| ENSG00000003989 | 7.514198594 | 0.006121451 | 0.044265399 | *SLC7A2* | Solute carrier family 7 (cationic amino acid transporter, y+ system), member 2 | 0.07111932 | 0.128189726 | 0.112872836 | 0.446891964 | 0.324573518 | 0.481020208 | 0.069471266 | 0.547603853 | 0.236567207 | 0.60063037 | 0.055285808 | 0.03473273 | 0.243341892 | 0.109642949 | 0.060739627 | 0.080108803 | 0.039067094 | 0.352291292 | 0.041636769 | 0.050831756 | 0.283194365 | 0.125467534 | 1.174478461 | 2.257112709 |
| ENSG00000171129 | 7.500479637 | 0.006168256 | 0.04448122 | *HSFX2* | Heat shock transcription factor family, X linked 2 | 0.28008713 | 1.542544164 | 0.53304591 | 1.387445083 | 0.111806938 | 1.109479458 | 0.122921636 | 1.778061725 | 0.504156857 | 0.368748686 | 0.344644396 | 0.350197067 | 0.834385788 | 0.637665052 | 0.816152181 | 0.713711061 | 0.527036596 | 0.763052723 | 0.525735715 | 0.698934526 | 0.934983954 | 0.459997315 | 1.023316167 | 2.032585679 |
| ENSG00000184307 | 7.405213715 | 0.006503512 | 0.046137742 | *ZDHHC23* | Zinc finger, DHHC-type containing 23 | 0.716379584 | 1.527023321 | 0.434263591 | 0.256330195 | 0.622355159 | 0.635671059 | 1.052657374 | 0.696865942 | 0.381614967 | 0.62862275 | 1.208117001 | 3.973638912 | 0.811903014 | 1.795079659 | 0.839856221 | 2.953888155 | 0.76019293 | 0.750930582 | 0.344715707 | 1.344948425 | 1.4562999 | 0.717205555 | 1.021848917 | 2.03051955 |
| ENSG00000232748 | 7.322129893 | 0.006811065 | 0.047728918 | *ZNF668* | Uncharacterized protein; ZNF668 protein | 0.000463725 | 1.676811035 | 0 | 3.087990807 | 2.581472077 | 1.523312435 | 0 | 0.425243864 | 1.788742689 | 2.172643059 | 1.402000276 | 0.640131411 | 0 | 0 | 1.535293133 | 0.232946464 | 0.274446148 | 4.76123647 | 0 | 3.173391009 | 1.769370655 | 0.758241805 | 1.222506396 | 2.333517678 |

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.