Table S2 DEGs based on immune score group

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Row.names(tT) | LogFC | AveExpr | t | P value | adj.P.Val | B | Regulated |
| GRIP2 | 2.042272374 | 4.351621012 | 15.52038347 | 8.08E-45 | 3.51E-43 | 90.97122985 | Up-regulated |
| LOC285696 | 1.683743191 | 3.501185992 | 14.89566026 | 5.80E-42 | 2.25E-40 | 84.42736419 | Up-regulated |
| UNC13A | 1.411365759 | 10.65467432 | 14.87027194 | 7.56E-42 | 2.92E-40 | 84.16361559 | Up-regulated |
| FAM19A2 | 1.907051362 | 7.232624125 | 14.80945103 | 1.43E-41 | 5.47E-40 | 83.5324995 | Up-regulated |
| AP3B2 | 1.03628716 | 9.779787549 | 14.79855031 | 1.60E-41 | 6.10E-40 | 83.41949573 | Up-regulated |
| INSM2 | 2.2621 | 4.064814202 | 14.4586047 | 5.43E-40 | 1.94E-38 | 79.91245858 | Up-regulated |
| GPRIN1 | 1.167815564 | 9.586754864 | 14.31113927 | 2.48E-39 | 8.66E-38 | 78.4017235 | Up-regulated |
| HTR6 | 1.639099222 | 2.038279183 | 14.25612659 | 4.36E-39 | 1.51E-37 | 77.83983018 | Up-regulated |
| PCSK2 | 2.351207782 | 8.422971206 | 14.22024462 | 6.30E-39 | 2.17E-37 | 77.47383854 | Up-regulated |
| CHRNB2 | 1.518828794 | 8.837582101 | 14.2170313 | 6.51E-39 | 2.24E-37 | 77.44108257 | Up-regulated |
| AKAP5 | 1.446087938 | 6.858422568 | 14.1134417 | 1.88E-38 | 6.25E-37 | 76.38683802 | Up-regulated |
| KCNC1 | 1.338502335 | 8.667888132 | 14.09988169 | 2.16E-38 | 7.13E-37 | 76.24908597 | Up-regulated |
| 11-Mar | 1.881992218 | 2.884226459 | 14.0729923 | 2.84E-38 | 9.32E-37 | 75.97609737 | Up-regulated |
| RAP1GAP | 1.143954475 | 10.12460681 | 14.02360839 | 4.70E-38 | 1.53E-36 | 75.47533861 | Up-regulated |
| KCNB2 | 2.113971984 | 3.301391051 | 13.87101639 | 2.22E-37 | 7.00E-36 | 73.93301502 | Up-regulated |
| CCDC64 | 1.754514786 | 5.918454669 | 13.86268819 | 2.41E-37 | 7.59E-36 | 73.84905666 | Up-regulated |
| 4-Mar | 2.448910895 | 6.831586965 | 13.85270537 | 2.67E-37 | 8.35E-36 | 73.74844799 | Up-regulated |
| CDK5R2 | 1.931682101 | 8.094400973 | 13.8173029 | 3.82E-37 | 1.19E-35 | 73.39192123 | Up-regulated |
| FAM190A | 1.55342607 | 3.497634436 | 13.74779962 | 7.72E-37 | 2.37E-35 | 72.69319028 | Up-regulated |
| KCNH7 | 2.245316342 | 3.749670233 | 13.71141739 | 1.11E-36 | 3.40E-35 | 72.32807853 | Up-regulated |
| DOK6 | 1.552687938 | 8.363505447 | 13.67010664 | 1.69E-36 | 5.12E-35 | 71.91404993 | Up-regulated |
| MYT1L | 2.75290856 | 7.744331323 | 13.65492411 | 1.97E-36 | 5.94E-35 | 71.76203182 | Up-regulated |
| IQSEC3 | 2.259121012 | 7.470467899 | 13.64859365 | 2.10E-36 | 6.32E-35 | 71.69867007 | Up-regulated |
| STXBP1 | 1.142742802 | 11.6645216 | 13.6422253 | 2.24E-36 | 6.72E-35 | 71.63494293 | Up-regulated |
| RTN4R | 1.457449027 | 7.608124125 | 13.63892773 | 2.31E-36 | 6.90E-35 | 71.60195008 | Up-regulated |
| SVOP | 2.613013619 | 7.941188132 | 13.63459459 | 2.42E-36 | 7.18E-35 | 71.55860183 | Up-regulated |
| SPRN | 1.055773541 | 8.271158755 | 13.60617945 | 3.21E-36 | 9.49E-35 | 71.27449922 | Up-regulated |
| SCN2A | 1.429023735 | 9.298309922 | 13.58553338 | 3.96E-36 | 1.16E-34 | 71.06824817 | Up-regulated |
| CDK5R1 | 1.119231518 | 10.75394377 | 13.504023 | 8.96E-36 | 2.58E-34 | 70.25541399 | Up-regulated |
| BSN | 1.326636187 | 10.19225117 | 13.49440754 | 9.86E-36 | 2.84E-34 | 70.15967983 | Up-regulated |
| RIMS2 | 2.138191051 | 7.350191245 | 13.47924443 | 1.15E-35 | 3.27E-34 | 70.00877744 | Up-regulated |
| ELAVL2 | 1.660347082 | 7.852498444 | 13.4114625 | 2.26E-35 | 6.33E-34 | 69.33520557 | Up-regulated |
| SYN1 | 1.794097276 | 10.28560195 | 13.38401162 | 2.97E-35 | 8.29E-34 | 69.06287995 | Up-regulated |
| 5-Sep | 1.074855642 | 11.32106479 | 13.38275514 | 3.01E-35 | 8.39E-34 | 69.05042149 | Up-regulated |
| BEND4 | 1.763406615 | 4.677937938 | 13.36786399 | 3.49E-35 | 9.70E-34 | 68.90281326 | Up-regulated |
| L1CAM | 2.503807004 | 9.458238132 | 13.33941682 | 4.64E-35 | 1.28E-33 | 68.62105176 | Up-regulated |
| CAMK4 | 2.083801556 | 5.428092607 | 13.31986281 | 5.63E-35 | 1.54E-33 | 68.42754298 | Up-regulated |
| RIMS1 | 1.822923346 | 7.439878016 | 13.28339885 | 8.10E-35 | 2.20E-33 | 68.06705952 | Up-regulated |
| TMEM151B | 1.645039689 | 9.812010506 | 13.27085423 | 9.17E-35 | 2.47E-33 | 67.94315437 | Up-regulated |
| LRRTM1 | 1.257985214 | 7.530408949 | 13.27074487 | 9.18E-35 | 2.47E-33 | 67.94207442 | Up-regulated |
| MAST1 | 1.221596109 | 9.630185992 | 13.19652045 | 1.92E-34 | 5.09E-33 | 67.2101236 | Up-regulated |
| KCNK3 | 1.902375097 | 7.819201556 | 13.17981612 | 2.26E-34 | 5.99E-33 | 67.04567484 | Up-regulated |
| LOC730811 | 1.149690661 | 1.241276848 | 13.16770588 | 2.55E-34 | 6.71E-33 | 66.92651759 | Up-regulated |
| KRT222 | 1.091188327 | 6.287342802 | 13.1269082 | 3.82E-34 | 9.93E-33 | 66.52549242 | Up-regulated |
| KCNIP2 | 1.772396498 | 9.393152724 | 13.09116987 | 5.44E-34 | 1.40E-32 | 66.17470606 | Up-regulated |
| DKFZp686O24166 | 1.496986381 | 6.462230934 | 13.04241913 | 8.79E-34 | 2.25E-32 | 65.69696669 | Up-regulated |
| CNTN4 | 1.648955642 | 6.062749027 | 12.96817468 | 1.83E-33 | 4.57E-32 | 64.97111712 | Up-regulated |
| SLC4A10 | 2.042170428 | 7.840423735 | 12.96100376 | 1.96E-33 | 4.88E-32 | 64.90112136 | Up-regulated |
| SLC2A13 | 1.166018288 | 9.346042996 | 12.95809599 | 2.02E-33 | 5.01E-32 | 64.87274406 | Up-regulated |
| FBXO41 | 1.161976654 | 9.602861479 | 12.9418625 | 2.36E-33 | 5.85E-32 | 64.71437839 | Up-regulated |
| UBE2QL1 | 1.38037393 | 8.613995136 | 12.91783903 | 2.99E-33 | 7.36E-32 | 64.48020238 | Up-regulated |
| RUNDC3A | 1.177719066 | 11.01794903 | 12.91264825 | 3.15E-33 | 7.73E-32 | 64.42963267 | Up-regulated |
| PRMT8 | 2.247402335 | 5.517651751 | 12.90890198 | 3.27E-33 | 7.99E-32 | 64.39314217 | Up-regulated |
| CHGB | 1.75392607 | 10.65332412 | 12.89895378 | 3.60E-33 | 8.78E-32 | 64.29626787 | Up-regulated |
| WSCD2 | 2.241823735 | 6.553028599 | 12.89305001 | 3.81E-33 | 9.29E-32 | 64.23879572 | Up-regulated |
| RFPL1S | 1.817167315 | 7.49476537 | 12.8666311 | 4.94E-33 | 1.19E-31 | 63.9817767 | Up-regulated |
| CPLX1 | 1.60038677 | 9.19673463 | 12.84339395 | 6.20E-33 | 1.49E-31 | 63.75593445 | Up-regulated |
| HRH3 | 2.145861479 | 6.630066926 | 12.81718953 | 8.01E-33 | 1.91E-31 | 63.50150425 | Up-regulated |
| GABRG2 | 2.652132296 | 7.930155253 | 12.79928873 | 9.54E-33 | 2.26E-31 | 63.32785111 | Up-regulated |
| CKMT1B | 1.698694553 | 8.212139105 | 12.79172844 | 1.03E-32 | 2.43E-31 | 63.25454728 | Up-regulated |
| CPLX2 | 2.342676265 | 10.85237704 | 12.75172633 | 1.52E-32 | 3.55E-31 | 62.86706306 | Up-regulated |
| VWA5B2 | 1.595196887 | 6.759783268 | 12.75082801 | 1.53E-32 | 3.58E-31 | 62.85836865 | Up-regulated |
| CELF4 | 1.952444747 | 8.38570214 | 12.73637418 | 1.76E-32 | 4.11E-31 | 62.71851973 | Up-regulated |
| SMPD3 | 1.092922179 | 8.67351751 | 12.72932258 | 1.89E-32 | 4.39E-31 | 62.65032136 | Up-regulated |
| AMPH | 1.293751751 | 8.97638716 | 12.71645194 | 2.14E-32 | 4.95E-31 | 62.52589582 | Up-regulated |
| SPTBN2 | 1.109948638 | 10.96606848 | 12.71562986 | 2.16E-32 | 4.99E-31 | 62.51795059 | Up-regulated |
| CELF3 | 1.530344747 | 9.409568482 | 12.66808783 | 3.42E-32 | 7.85E-31 | 62.05892638 | Up-regulated |
| SCRT1 | 2.13471323 | 8.102939883 | 12.65401572 | 3.92E-32 | 8.95E-31 | 61.92323061 | Up-regulated |
| STAR | 1.31587821 | 4.926834825 | 12.64913291 | 4.11E-32 | 9.36E-31 | 61.87616462 | Up-regulated |
| SYT4 | 2.436310895 | 7.949704864 | 12.64798127 | 4.16E-32 | 9.43E-31 | 61.86506522 | Up-regulated |
| TNNT1 | 2.081048638 | 4.758130545 | 12.64354945 | 4.34E-32 | 9.84E-31 | 61.82235669 | Up-regulated |
| TMEM63C | 1.043566148 | 8.578772568 | 12.64179872 | 4.42E-32 | 1.00E-30 | 61.80548738 | Up-regulated |
| SRRM4 | 2.027541634 | 7.338259144 | 12.617449 | 5.59E-32 | 1.26E-30 | 61.57099112 | Up-regulated |
| EIF4E1B | 1.83851284 | 2.587688716 | 12.57624494 | 8.33E-32 | 1.86E-30 | 61.17472329 | Up-regulated |
| KIAA1644 | 1.993345136 | 8.394820428 | 12.57415821 | 8.50E-32 | 1.90E-30 | 61.15467297 | Up-regulated |
| PSD | 1.512054086 | 10.5293107 | 12.56723383 | 9.09E-32 | 2.02E-30 | 61.08815274 | Up-regulated |
| LOC283392 | 1.600422957 | 3.034371012 | 12.55688572 | 1.00E-31 | 2.23E-30 | 60.98877789 | Up-regulated |
| KCNT1 | 2.278453307 | 6.104957782 | 12.5290038 | 1.32E-31 | 2.89E-30 | 60.72123825 | Up-regulated |
| ATP8A2 | 2.179662257 | 5.415311284 | 12.50348311 | 1.68E-31 | 3.68E-30 | 60.47663225 | Up-regulated |
| CASKIN1 | 1.114198054 | 9.558605253 | 12.49500249 | 1.83E-31 | 3.97E-30 | 60.39540748 | Up-regulated |
| KIAA1486 | 1.846857588 | 3.339903891 | 12.48164251 | 2.08E-31 | 4.47E-30 | 60.26750917 | Up-regulated |
| GRM4 | 1.798228016 | 4.573408949 | 12.4229339 | 3.65E-31 | 7.79E-30 | 59.70634437 | Up-regulated |
| BRSK2 | 1.002784047 | 9.523028988 | 12.42274688 | 3.66E-31 | 7.80E-30 | 59.70455908 | Up-regulated |
| UNC80 | 1.123496887 | 9.97703716 | 12.41204022 | 4.06E-31 | 8.60E-30 | 59.60237341 | Up-regulated |
| PHACTR1 | 1.090190272 | 7.722912257 | 12.39376741 | 4.84E-31 | 1.02E-29 | 59.42808476 | Up-regulated |
| XKR7 | 2.135048638 | 3.837019261 | 12.38422699 | 5.30E-31 | 1.11E-29 | 59.33714186 | Up-regulated |
| VWC2L | 1.800959922 | 2.379010311 | 12.38303685 | 5.36E-31 | 1.13E-29 | 59.32579959 | Up-regulated |
| GABRA3 | 1.729800778 | 7.924325292 | 12.34905031 | 7.42E-31 | 1.54E-29 | 59.00215072 | Up-regulated |
| STX1B | 1.176563424 | 10.39279222 | 12.34107711 | 8.01E-31 | 1.67E-29 | 58.92629262 | Up-regulated |
| CHRM1 | 2.008646693 | 7.453705058 | 12.32051283 | 9.76E-31 | 2.02E-29 | 58.73076399 | Up-regulated |
| FGF5 | 1.214150973 | 1.61511323 | 12.30267792 | 1.16E-30 | 2.37E-29 | 58.56132986 | Up-regulated |
| AGAP2 | 1.293655253 | 10.65945175 | 12.29947091 | 1.19E-30 | 2.44E-29 | 58.53087693 | Up-regulated |
| CSPG5 | 1.115548249 | 12.32696829 | 12.24712683 | 1.97E-30 | 3.97E-29 | 58.03444319 | Up-regulated |
| CLVS1 | 1.847987549 | 6.157274708 | 12.24609738 | 1.99E-30 | 4.00E-29 | 58.02469151 | Up-regulated |
| PDE2A | 1.332538521 | 10.16067588 | 12.21478499 | 2.68E-30 | 5.35E-29 | 57.72829014 | Up-regulated |
| CHGA | 2.2051393 | 9.260388327 | 12.17868211 | 3.78E-30 | 7.50E-29 | 57.38705912 | Up-regulated |
| PPP1R14C | 1.561680545 | 6.613173735 | 12.16305859 | 4.38E-30 | 8.69E-29 | 57.23956376 | Up-regulated |
| GRIN3A | 1.961252529 | 7.149130156 | 12.14361212 | 5.27E-30 | 1.04E-28 | 57.05612342 | Up-regulated |
| CRHR1 | 1.483022568 | 5.502492218 | 12.1351921 | 5.71E-30 | 1.12E-28 | 56.97674683 | Up-regulated |
| INA | 2.073359144 | 9.850008366 | 12.12515977 | 6.28E-30 | 1.23E-28 | 56.88221066 | Up-regulated |
| GPR61 | 1.395056809 | 4.605980934 | 12.10414322 | 7.66E-30 | 1.50E-28 | 56.68430879 | Up-regulated |
| TMEM132D | 2.458758755 | 5.539988716 | 12.08943457 | 8.81E-30 | 1.72E-28 | 56.54591842 | Up-regulated |
| TRIM67 | 2.568542023 | 8.100285798 | 12.08218085 | 9.43E-30 | 1.83E-28 | 56.47770421 | Up-regulated |
| SYP | 1.125631518 | 11.41682315 | 12.07353841 | 1.02E-29 | 1.98E-28 | 56.39646019 | Up-regulated |
| SHANK2 | 1.542438911 | 8.864693385 | 12.06135417 | 1.15E-29 | 2.22E-28 | 56.28197609 | Up-regulated |
| SNCB | 2.10350428 | 9.157888716 | 12.04860352 | 1.30E-29 | 2.50E-28 | 56.16223894 | Up-regulated |
| CACNG2 | 2.293491829 | 5.669652529 | 12.03318517 | 1.50E-29 | 2.88E-28 | 56.01754479 | Up-regulated |
| MADCAM1 | 1.62377393 | 3.697954669 | 12.01398476 | 1.80E-29 | 3.43E-28 | 55.83750249 | Up-regulated |
| RGS7 | 1.486674319 | 7.302919261 | 11.98326827 | 2.40E-29 | 4.54E-28 | 55.54980896 | Up-regulated |
| SLC17A6 | 2.314043969 | 4.308086576 | 11.97552996 | 2.58E-29 | 4.87E-28 | 55.47739644 | Up-regulated |
| RAB3C | 1.644485603 | 5.188187549 | 11.97221579 | 2.67E-29 | 5.02E-28 | 55.44639162 | Up-regulated |
| ZFR2 | 2.111072763 | 5.736857004 | 11.95718997 | 3.07E-29 | 5.77E-28 | 55.30588202 | Up-regulated |
| RAB3A | 1.421273152 | 9.29387821 | 11.94221367 | 3.54E-29 | 6.62E-28 | 55.16593438 | Up-regulated |
| SCN3B | 1.629138132 | 10.1771749 | 11.93267292 | 3.87E-29 | 7.23E-28 | 55.07683141 | Up-regulated |
| LINGO1 | 1.069388716 | 11.34986518 | 11.92702666 | 4.08E-29 | 7.61E-28 | 55.02411873 | Up-regulated |
| PAK7 | 1.48228716 | 7.262864202 | 11.92462443 | 4.17E-29 | 7.78E-28 | 55.00169621 | Up-regulated |
| CUX2 | 2.132501946 | 7.637186381 | 11.89342911 | 5.59E-29 | 1.04E-27 | 54.71074904 | Up-regulated |
| FRMPD1 | 1.115244747 | 6.598107588 | 11.88406877 | 6.11E-29 | 1.13E-27 | 54.62353289 | Up-regulated |
| CDH9 | 1.959839689 | 3.925359922 | 11.87681606 | 6.54E-29 | 1.21E-27 | 54.55598161 | Up-regulated |
| SCN8A | 1.454966537 | 7.539951362 | 11.86150424 | 7.55E-29 | 1.38E-27 | 54.4134452 | Up-regulated |
| HRNBP3 | 2.210421401 | 6.947788911 | 11.85690033 | 7.88E-29 | 1.44E-27 | 54.37060825 | Up-regulated |
| RGS7BP | 1.541436576 | 7.049572763 | 11.85550456 | 7.98E-29 | 1.46E-27 | 54.35762325 | Up-regulated |
| ACTL6B | 1.887552529 | 8.118642412 | 11.84813451 | 8.55E-29 | 1.56E-27 | 54.28907306 | Up-regulated |
| HTR1A | 1.91105642 | 3.152217704 | 11.84279147 | 8.99E-29 | 1.64E-27 | 54.23939165 | Up-regulated |
| OLFM1 | 1.244011284 | 11.51371226 | 11.84091145 | 9.15E-29 | 1.67E-27 | 54.22191366 | Up-regulated |
| NPTXR | 1.033071595 | 11.70519377 | 11.81236851 | 1.20E-28 | 2.15E-27 | 53.95675238 | Up-regulated |
| UNC5A | 1.367755642 | 8.951844747 | 11.78428366 | 1.55E-28 | 2.78E-27 | 53.69620383 | Up-regulated |
| MCF2 | 1.585683658 | 6.194667121 | 11.78155562 | 1.59E-28 | 2.85E-27 | 53.67091425 | Up-regulated |
| GABRA4 | 2.460737354 | 6.019690856 | 11.77555769 | 1.69E-28 | 3.00E-27 | 53.61532369 | Up-regulated |
| KCNC2 | 2.495754475 | 6.131287354 | 11.75587953 | 2.03E-28 | 3.59E-27 | 53.43305499 | Up-regulated |
| ANKRD55 | 1.634319066 | 3.842606226 | 11.74076202 | 2.33E-28 | 4.12E-27 | 53.2931482 | Up-regulated |
| EPHA10 | 1.497208171 | 6.670519261 | 11.74010729 | 2.35E-28 | 4.14E-27 | 53.28709129 | Up-regulated |
| GRM2 | 1.63258249 | 5.223662451 | 11.73502462 | 2.46E-28 | 4.33E-27 | 53.24007783 | Up-regulated |
| RHBDL1 | 1.145228016 | 6.603719066 | 11.73077789 | 2.56E-28 | 4.48E-27 | 53.20080565 | Up-regulated |
| SEZ6L | 1.549270428 | 10.57476089 | 11.72666095 | 2.66E-28 | 4.65E-27 | 53.16274155 | Up-regulated |
| GALNTL6 | 1.577657588 | 2.679903502 | 11.72622283 | 2.67E-28 | 4.67E-27 | 53.15869132 | Up-regulated |
| CELSR3 | 1.195272374 | 9.851571595 | 11.71104555 | 3.08E-28 | 5.35E-27 | 53.01843591 | Up-regulated |
| VASH2 | 1.127142802 | 5.306833658 | 11.7011304 | 3.37E-28 | 5.86E-27 | 52.92686522 | Up-regulated |
| FAM155A | 1.291263813 | 9.112156809 | 11.695719 | 3.55E-28 | 6.15E-27 | 52.87690754 | Up-regulated |
| GLS2 | 1.660604669 | 5.331390272 | 11.68019077 | 4.10E-28 | 7.08E-27 | 52.7336261 | Up-regulated |
| SNAP25 | 2.004307782 | 11.40740759 | 11.67212481 | 4.42E-28 | 7.62E-27 | 52.65924365 | Up-regulated |
| FAM123C | 2.12378249 | 6.995775292 | 11.63150287 | 6.44E-28 | 1.10E-26 | 52.28509096 | Up-regulated |
| SYT13 | 2.218140078 | 7.974227237 | 11.58474608 | 9.93E-28 | 1.68E-26 | 51.85537277 | Up-regulated |
| HECW1 | 1.603949027 | 7.266044163 | 11.57456037 | 1.09E-27 | 1.84E-26 | 51.76189511 | Up-regulated |
| FBXL16 | 1.188155642 | 11.16879105 | 11.56738177 | 1.17E-27 | 1.97E-26 | 51.69604359 | Up-regulated |
| PNPLA3 | 1.351919844 | 4.23912179 | 11.55713841 | 1.28E-27 | 2.16E-26 | 51.60211952 | Up-regulated |
| NELL1 | 2.237040078 | 5.295429377 | 11.55260448 | 1.34E-27 | 2.25E-26 | 51.5605623 | Up-regulated |
| RPH3A | 2.025177432 | 9.214238521 | 11.52392083 | 1.74E-27 | 2.91E-26 | 51.29787461 | Up-regulated |
| C19orf30 | 1.920630739 | 3.413994358 | 11.50301839 | 2.11E-27 | 3.52E-26 | 51.10668984 | Up-regulated |
| ALOX12B | 1.426924514 | 2.77155214 | 11.49187833 | 2.34E-27 | 3.89E-26 | 51.00488043 | Up-regulated |
| HMP19 | 1.732850195 | 11.32085195 | 11.46485982 | 3.00E-27 | 4.95E-26 | 50.75819932 | Up-regulated |
| GRM8 | 1.052819455 | 5.468101167 | 11.45918121 | 3.16E-27 | 5.21E-26 | 50.70639677 | Up-regulated |
| RLTPR | 1.516010506 | 6.198295136 | 11.43226023 | 4.05E-27 | 6.63E-26 | 50.46101976 | Up-regulated |
| CNNM1 | 1.730203891 | 6.555366148 | 11.40477775 | 5.21E-27 | 8.46E-26 | 50.21087803 | Up-regulated |
| GJD2 | 1.737522568 | 2.430916926 | 11.3917123 | 5.87E-27 | 9.53E-26 | 50.09208362 | Up-regulated |
| CPNE5 | 1.224768872 | 10.06527782 | 11.385282 | 6.23E-27 | 1.01E-25 | 50.03364749 | Up-regulated |
| KCNAB1 | 1.182841245 | 7.982305447 | 11.37945922 | 6.57E-27 | 1.06E-25 | 49.98074924 | Up-regulated |
| DLGAP3 | 1.311161089 | 7.850344747 | 11.37657952 | 6.74E-27 | 1.09E-25 | 49.95459393 | Up-regulated |
| GABRB3 | 1.474450584 | 10.0459214 | 11.3479664 | 8.76E-27 | 1.41E-25 | 49.69492595 | Up-regulated |
| GPR22 | 2.052834241 | 4.047788716 | 11.3298591 | 1.03E-26 | 1.65E-25 | 49.53080169 | Up-regulated |
| SEZ6L2 | 1.332564981 | 10.76516576 | 11.32298979 | 1.10E-26 | 1.76E-25 | 49.46857948 | Up-regulated |
| SNAP91 | 1.468350195 | 10.35317121 | 11.31756403 | 1.16E-26 | 1.84E-25 | 49.41944889 | Up-regulated |
| SMCR5 | 1.133701946 | 2.859489105 | 11.3119991 | 1.22E-26 | 1.93E-25 | 49.36907281 | Up-regulated |
| GRIN1 | 2.370297276 | 9.326343191 | 11.29293701 | 1.45E-26 | 2.29E-25 | 49.19662749 | Up-regulated |
| MMD2 | 1.451640078 | 8.839097471 | 11.28071772 | 1.62E-26 | 2.55E-25 | 49.08617745 | Up-regulated |
| ATP2B3 | 2.049114008 | 6.900916926 | 11.27727593 | 1.67E-26 | 2.63E-25 | 49.05508018 | Up-regulated |
| KIAA1409 | 1.337356809 | 9.119709144 | 11.26730679 | 1.83E-26 | 2.86E-25 | 48.96503918 | Up-regulated |
| NRSN1 | 1.432969261 | 9.238475292 | 11.26597226 | 1.85E-26 | 2.90E-25 | 48.95298932 | Up-regulated |
| HCN4 | 1.622972763 | 4.810322179 | 11.2551971 | 2.04E-26 | 3.18E-25 | 48.85572922 | Up-regulated |
| PPFIA4 | 1.074589883 | 8.459651751 | 11.23587927 | 2.43E-26 | 3.77E-25 | 48.68150078 | Up-regulated |
| ST8SIA3 | 1.757607393 | 9.339890856 | 11.23030842 | 2.56E-26 | 3.97E-25 | 48.6312906 | Up-regulated |
| ABLIM2 | 1.00874786 | 7.869500389 | 11.21956423 | 2.82E-26 | 4.37E-25 | 48.53449553 | Up-regulated |
| MFSD4 | 1.252943191 | 8.213617899 | 11.20108463 | 3.34E-26 | 5.14E-25 | 48.36814298 | Up-regulated |
| HUNK | 1.105301556 | 7.106473346 | 11.18307105 | 3.93E-26 | 6.03E-25 | 48.20614542 | Up-regulated |
| VSTM2A | 2.133345914 | 7.627177626 | 11.16836311 | 4.49E-26 | 6.87E-25 | 48.07399324 | Up-regulated |
| CACNA1I | 1.646887549 | 6.654611868 | 11.16431621 | 4.66E-26 | 7.12E-25 | 48.03765005 | Up-regulated |
| HAR1A | 1.547762646 | 5.100023735 | 11.1628209 | 4.72E-26 | 7.21E-25 | 48.02422338 | Up-regulated |
| RHOV | 1.301141634 | 2.917194942 | 11.16061166 | 4.82E-26 | 7.35E-25 | 48.00438832 | Up-regulated |
| DGCR9 | 1.136781323 | 6.928216732 | 11.15355124 | 5.13E-26 | 7.80E-25 | 47.94101412 | Up-regulated |
| C6orf154 | 1.03778677 | 5.903580545 | 11.14961524 | 5.32E-26 | 8.07E-25 | 47.90569529 | Up-regulated |
| FLJ32063 | 1.425012451 | 3.193915953 | 11.14812891 | 5.39E-26 | 8.17E-25 | 47.89236002 | Up-regulated |
| ADAM11 | 1.437890272 | 7.494071206 | 11.14377082 | 5.61E-26 | 8.49E-25 | 47.85326566 | Up-regulated |
| PPFIA2 | 1.302002335 | 7.952964591 | 11.12057429 | 6.92E-26 | 1.04E-24 | 47.64533746 | Up-regulated |
| CKMT1A | 1.633959922 | 6.574016148 | 11.10337081 | 8.08E-26 | 1.21E-24 | 47.49130053 | Up-regulated |
| TRPC3 | 1.164444358 | 5.66197393 | 11.08206028 | 9.79E-26 | 1.46E-24 | 47.30069218 | Up-regulated |
| MGAT5B | 1.108319455 | 8.859272957 | 11.06848813 | 1.11E-25 | 1.65E-24 | 47.17941535 | Up-regulated |
| FAM19A1 | 1.952173541 | 5.095450973 | 11.04416595 | 1.38E-25 | 2.03E-24 | 46.96230777 | Up-regulated |
| SPTB | 1.318772763 | 7.562546304 | 11.02926352 | 1.57E-25 | 2.32E-24 | 46.82942893 | Up-regulated |
| PAK3 | 1.595991051 | 5.717771401 | 11.01946977 | 1.72E-25 | 2.52E-24 | 46.74216237 | Up-regulated |
| GRIP1 | 1.345431128 | 5.400092218 | 11.01015989 | 1.87E-25 | 2.73E-24 | 46.65925152 | Up-regulated |
| LOC158696 | 1.475295331 | 4.342155058 | 11.00645295 | 1.93E-25 | 2.82E-24 | 46.62625076 | Up-regulated |
| ITPKA | 1.264440078 | 6.876648054 | 10.99947277 | 2.06E-25 | 2.99E-24 | 46.56412881 | Up-regulated |
| RASD2 | 1.278507782 | 7.229013424 | 10.99543068 | 2.13E-25 | 3.10E-24 | 46.52816627 | Up-regulated |
| LOC642597 | 1.270266148 | 2.08287821 | 10.98933535 | 2.25E-25 | 3.27E-24 | 46.47395142 | Up-regulated |
| SHANK1 | 1.520059144 | 8.160762646 | 10.96478545 | 2.81E-25 | 4.05E-24 | 46.25578122 | Up-regulated |
| SYT10 | 1.360854475 | 1.509436187 | 10.95515218 | 3.06E-25 | 4.40E-24 | 46.17025474 | Up-regulated |
| GPR6 | 1.61605642 | 2.162014202 | 10.95342985 | 3.11E-25 | 4.47E-24 | 46.15496834 | Up-regulated |
| STYK1 | 2.011650973 | 3.551177626 | 10.9435315 | 3.40E-25 | 4.85E-24 | 46.0671456 | Up-regulated |
| GABBR1 | 1.007139689 | 13.14493288 | 10.93692462 | 3.60E-25 | 5.14E-24 | 46.00855365 | Up-regulated |
| CNTNAP2 | 1.431950973 | 9.363850584 | 10.90329816 | 4.87E-25 | 6.88E-24 | 45.71068457 | Up-regulated |
| CACNA1E | 1.399727237 | 7.966012257 | 10.88307142 | 5.83E-25 | 8.21E-24 | 45.53178781 | Up-regulated |
| TAGLN3 | 1.239517899 | 9.942497082 | 10.86148547 | 7.07E-25 | 9.91E-24 | 45.34109817 | Up-regulated |
| CABP1 | 1.684333463 | 7.294278794 | 10.84276069 | 8.35E-25 | 1.16E-23 | 45.17587572 | Up-regulated |
| LPPR5 | 1.015712451 | 7.796810311 | 10.82276267 | 9.97E-25 | 1.37E-23 | 44.99961596 | Up-regulated |
| SCGN | 1.85479572 | 2.270547665 | 10.8144022 | 1.07E-24 | 1.48E-23 | 44.92598842 | Up-regulated |
| PCDH8 | 1.517207782 | 7.01695642 | 10.805243 | 1.16E-24 | 1.60E-23 | 44.8453678 | Up-regulated |
| FAM81A | 1.241244358 | 7.85666537 | 10.804736 | 1.17E-24 | 1.61E-23 | 44.84090638 | Up-regulated |
| RXFP1 | 1.860789105 | 3.266551751 | 10.77006113 | 1.59E-24 | 2.18E-23 | 44.53609145 | Up-regulated |
| SRRM3 | 1.31821751 | 8.559020428 | 10.75235722 | 1.86E-24 | 2.54E-23 | 44.38070055 | Up-regulated |
| GNG13 | 1.600280156 | 2.363584436 | 10.72152545 | 2.44E-24 | 3.30E-23 | 44.1104695 | Up-regulated |
| TPTE2P1 | 1.209154086 | 6.224357198 | 10.71158212 | 2.67E-24 | 3.60E-23 | 44.02342399 | Up-regulated |
| GRM5 | 1.679321012 | 8.026048444 | 10.70724753 | 2.77E-24 | 3.74E-23 | 43.98549423 | Up-regulated |
| ANK3 | 1.348853696 | 9.518542023 | 10.68497623 | 3.38E-24 | 4.52E-23 | 43.79076355 | Up-regulated |
| HTR5A | 1.974142802 | 3.889784241 | 10.68423697 | 3.40E-24 | 4.55E-23 | 43.78430419 | Up-regulated |
| DDN | 2.080963813 | 8.110716537 | 10.66345688 | 4.08E-24 | 5.45E-23 | 43.60285235 | Up-regulated |
| SYT16 | 1.477923346 | 4.421353502 | 10.65356687 | 4.45E-24 | 5.92E-23 | 43.5165717 | Up-regulated |
| LHX2 | 1.073184047 | 8.292813035 | 10.65011188 | 4.59E-24 | 6.09E-23 | 43.48644226 | Up-regulated |
| ABCC8 | 1.597750195 | 8.648983268 | 10.64397485 | 4.84E-24 | 6.42E-23 | 43.43293939 | Up-regulated |
| CDHR1 | 1.211216732 | 9.616825486 | 10.62978125 | 5.49E-24 | 7.23E-23 | 43.30927429 | Up-regulated |
| C17orf102 | 1.259392607 | 4.143532101 | 10.62102374 | 5.93E-24 | 7.78E-23 | 43.233025 | Up-regulated |
| DGCR10 | 1.099293385 | 3.882063035 | 10.60830294 | 6.63E-24 | 8.69E-23 | 43.12233992 | Up-regulated |
| ZMAT4 | 1.622838132 | 4.901163813 | 10.56346663 | 9.81E-24 | 1.27E-22 | 42.73289153 | Up-regulated |
| ANK1 | 1.260031128 | 7.788948638 | 10.56246011 | 9.90E-24 | 1.28E-22 | 42.72416105 | Up-regulated |
| FGFBP3 | 1.000858755 | 8.716113813 | 10.55500463 | 1.06E-23 | 1.37E-22 | 42.65950929 | Up-regulated |
| RIMS4 | 1.236603502 | 9.481884241 | 10.54109555 | 1.19E-23 | 1.54E-22 | 42.53897223 | Up-regulated |
| RTBDN | 1.434828794 | 3.64420428 | 10.52889393 | 1.33E-23 | 1.71E-22 | 42.43331628 | Up-regulated |
| SYT2 | 1.869421012 | 5.426994553 | 10.5261284 | 1.36E-23 | 1.75E-22 | 42.40938007 | Up-regulated |
| SLC7A14 | 1.387656031 | 9.290333852 | 10.5153678 | 1.49E-23 | 1.91E-22 | 42.31628334 | Up-regulated |
| KCNH6 | 1.099350973 | 2.043633074 | 10.51338527 | 1.52E-23 | 1.94E-22 | 42.2991379 | Up-regulated |
| GPR179 | 1.164986381 | 5.773994747 | 10.50788592 | 1.60E-23 | 2.04E-22 | 42.25158907 | Up-regulated |
| PTH2R | 1.395415175 | 3.270964397 | 10.49571675 | 1.77E-23 | 2.25E-22 | 42.14642827 | Up-regulated |
| C9orf4 | 1.524880545 | 4.999566732 | 10.47809596 | 2.07E-23 | 2.61E-22 | 41.9942963 | Up-regulated |
| ZNF98 | 1.379431518 | 3.217711868 | 10.47655146 | 2.10E-23 | 2.64E-22 | 41.98096946 | Up-regulated |
| ESRRG | 1.095176654 | 6.62631323 | 10.47500538 | 2.12E-23 | 2.68E-22 | 41.96763034 | Up-regulated |
| MSX2P1 | 1.023707393 | 1.816625681 | 10.45880083 | 2.45E-23 | 3.07E-22 | 41.82789843 | Up-regulated |
| NEURL | 1.647083268 | 7.252724903 | 10.439863 | 2.88E-23 | 3.60E-22 | 41.66477506 | Up-regulated |
| SYNGR3 | 1.61514786 | 7.747052529 | 10.42917129 | 3.16E-23 | 3.94E-22 | 41.57276534 | Up-regulated |
| CNTN6 | 1.654074319 | 4.633016148 | 10.41186906 | 3.68E-23 | 4.56E-22 | 41.42399735 | Up-regulated |
| MCHR2 | 1.915811673 | 2.171519844 | 10.41103525 | 3.70E-23 | 4.59E-22 | 41.41683216 | Up-regulated |
| CHRM4 | 1.236339689 | 4.948717704 | 10.38844865 | 4.50E-23 | 5.56E-22 | 41.22288001 | Up-regulated |
| HAR1B | 1.209436187 | 2.902674903 | 10.38327381 | 4.71E-23 | 5.81E-22 | 41.17848208 | Up-regulated |
| LOC157627 | 1.558394553 | 7.145319455 | 10.36921916 | 5.32E-23 | 6.53E-22 | 41.05797194 | Up-regulated |
| SLITRK1 | 1.32748716 | 8.586861089 | 10.36874623 | 5.34E-23 | 6.55E-22 | 41.05391866 | Up-regulated |
| C1orf230 | 1.240838521 | 3.379805642 | 10.36490082 | 5.52E-23 | 6.75E-22 | 41.02096611 | Up-regulated |
| ZDHHC22 | 1.189012062 | 11.10106245 | 10.36386927 | 5.57E-23 | 6.79E-22 | 41.01212786 | Up-regulated |
| CBLN2 | 1.683013619 | 6.147966732 | 10.35689068 | 5.92E-23 | 7.20E-22 | 40.95235035 | Up-regulated |
| STXBP5L | 1.511482879 | 7.530077626 | 10.35682974 | 5.92E-23 | 7.20E-22 | 40.95182845 | Up-regulated |
| JPH3 | 1.443662646 | 9.866967121 | 10.34240714 | 6.71E-23 | 8.15E-22 | 40.82837072 | Up-regulated |
| RICH2 | 1.243071206 | 7.820411479 | 10.33037227 | 7.44E-23 | 9.00E-22 | 40.72543822 | Up-regulated |
| SHC3 | 1.624764202 | 7.07850428 | 10.32836989 | 7.57E-23 | 9.14E-22 | 40.70831974 | Up-regulated |
| MAP3K9 | 1.309932685 | 5.509007198 | 10.31292576 | 8.65E-23 | 1.04E-21 | 40.57636004 | Up-regulated |
| B4GALNT3 | 1.15358249 | 4.367391245 | 10.29535399 | 1.01E-22 | 1.21E-21 | 40.42637873 | Up-regulated |
| SLC12A5 | 2.005685214 | 8.125073735 | 10.28333817 | 1.12E-22 | 1.33E-21 | 40.3239161 | Up-regulated |
| GPR83 | 1.735150973 | 4.435205058 | 10.27593006 | 1.19E-22 | 1.42E-21 | 40.26078407 | Up-regulated |
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| SLC8A2 | 1.567049027 | 8.404630739 | 10.26626752 | 1.29E-22 | 1.54E-21 | 40.1784847 | Up-regulated |
| LHFPL5 | 1.32044358 | 1.78932179 | 10.25422338 | 1.43E-22 | 1.70E-21 | 40.07597187 | Up-regulated |
| PTPRR | 1.682885214 | 5.045879572 | 10.24139706 | 1.60E-22 | 1.89E-21 | 39.96688876 | Up-regulated |
| PNCK | 1.166898444 | 7.636353891 | 10.2412915 | 1.60E-22 | 1.89E-21 | 39.96599138 | Up-regulated |
| KIAA1239 | 1.966239689 | 3.581808171 | 10.23183564 | 1.74E-22 | 2.05E-21 | 39.885631 | Up-regulated |
| TRHDE | 1.943355642 | 4.579690661 | 10.20897104 | 2.11E-22 | 2.49E-21 | 39.69151957 | Up-regulated |
| NCRNA00087 | 1.122093774 | 7.264973735 | 10.20596429 | 2.17E-22 | 2.55E-21 | 39.66601474 | Up-regulated |
| ATCAY | 1.357110895 | 11.6992356 | 10.19691457 | 2.34E-22 | 2.75E-21 | 39.58928054 | Up-regulated |
| CDH22 | 1.466146693 | 7.570082685 | 10.19006276 | 2.49E-22 | 2.91E-21 | 39.53121272 | Up-regulated |
| PTPN5 | 1.931424125 | 7.39061284 | 10.17905766 | 2.73E-22 | 3.19E-21 | 39.4380008 | Up-regulated |
| CTXN3 | 1.981744747 | 2.36790856 | 10.17842841 | 2.75E-22 | 3.20E-21 | 39.43267316 | Up-regulated |
| PCDHA5 | 1.255640856 | 5.14128463 | 10.17337564 | 2.87E-22 | 3.34E-21 | 39.38990089 | Up-regulated |
| RIT2 | 1.865686381 | 4.580832685 | 10.16880182 | 2.98E-22 | 3.46E-21 | 39.35119515 | Up-regulated |
| XKR4 | 1.209292607 | 5.162622568 | 10.16116109 | 3.18E-22 | 3.69E-21 | 39.28656159 | Up-regulated |
| CACNG8 | 1.358768482 | 3.282674903 | 10.15576788 | 3.33E-22 | 3.86E-21 | 39.24095941 | Up-regulated |
| CNTNAP5 | 1.602935409 | 5.490916342 | 10.14342592 | 3.70E-22 | 4.27E-21 | 39.13666283 | Up-regulated |
| SLC35F3 | 1.488553696 | 4.90243249 | 10.13398887 | 4.01E-22 | 4.61E-21 | 39.05697131 | Up-regulated |
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| GPR63 | 1.047976654 | 3.260724125 | 10.13251593 | 4.06E-22 | 4.66E-21 | 39.04453741 | Up-regulated |
| TMEM130 | 1.827094553 | 8.965312257 | 10.05998264 | 7.53E-22 | 8.45E-21 | 38.43373937 | Up-regulated |
| CACNA2D2 | 1.030443969 | 7.48376284 | 10.03795005 | 9.07E-22 | 1.01E-20 | 38.24878602 | Up-regulated |
| FAM163A | 1.451310506 | 2.472008949 | 10.03673966 | 9.17E-22 | 1.02E-20 | 38.23863317 | Up-regulated |
| NEUROD1 | 1.394896887 | 6.072414202 | 10.03493213 | 9.31E-22 | 1.04E-20 | 38.22347312 | Up-regulated |
| DOC2A | 1.61612607 | 6.985754086 | 10.01538993 | 1.10E-21 | 1.22E-20 | 38.05968627 | Up-regulated |
| CBLN1 | 1.51131284 | 6.469932296 | 10.01452134 | 1.11E-21 | 1.22E-20 | 38.05241145 | Up-regulated |
| NMNAT2 | 1.154526459 | 10.3132784 | 9.992619228 | 1.33E-21 | 1.46E-20 | 37.86911159 | Up-regulated |
| C14orf23 | 1.368338911 | 4.954055058 | 9.990141163 | 1.36E-21 | 1.49E-20 | 37.84838956 | Up-regulated |
| GABRB2 | 2.086406615 | 7.168933268 | 9.990094415 | 1.36E-21 | 1.49E-20 | 37.84799868 | Up-regulated |
| ACCN1 | 1.698635798 | 5.500243191 | 9.986844221 | 1.40E-21 | 1.53E-20 | 37.8208253 | Up-regulated |
| SCG5 | 1.145642412 | 10.19609669 | 9.973703163 | 1.56E-21 | 1.70E-20 | 37.7110197 | Up-regulated |
| DACH2 | 1.780446693 | 6.274987938 | 9.942475906 | 2.03E-21 | 2.20E-20 | 37.45047892 | Up-regulated |
| CACNG3 | 2.200659533 | 5.846931323 | 9.942467906 | 2.03E-21 | 2.20E-20 | 37.45041225 | Up-regulated |
| NRXN3 | 1.295741245 | 8.216379961 | 9.936109165 | 2.14E-21 | 2.31E-20 | 37.39742658 | Up-regulated |
| TPH2 | 1.023136187 | 1.12318677 | 9.931539755 | 2.23E-21 | 2.40E-20 | 37.35936508 | Up-regulated |
| ANO5 | 1.170549416 | 7.663320623 | 9.930790735 | 2.24E-21 | 2.41E-20 | 37.35312716 | Up-regulated |
| FBLL1 | 1.049196109 | 8.09388249 | 9.930447742 | 2.25E-21 | 2.42E-20 | 37.35027078 | Up-regulated |
| GABRA1 | 2.305222568 | 7.124921012 | 9.909152275 | 2.69E-21 | 2.87E-20 | 37.17305705 | Up-regulated |
| ESYT3 | 1.176668872 | 3.864518482 | 9.908360613 | 2.71E-21 | 2.89E-20 | 37.16647407 | Up-regulated |
| ACSL6 | 1.020910895 | 9.295712257 | 9.902967646 | 2.83E-21 | 3.02E-20 | 37.12163897 | Up-regulated |
| PNPLA5 | 1.277961868 | 1.609508171 | 9.895708089 | 3.01E-21 | 3.20E-20 | 37.06131188 | Up-regulated |
| ACVR1C | 1.312294553 | 5.882467121 | 9.877042195 | 3.52E-21 | 3.72E-20 | 36.90633582 | Up-regulated |
| PRDM8 | 1.192562646 | 7.367214786 | 9.859128823 | 4.09E-21 | 4.31E-20 | 36.75779478 | Up-regulated |
| KCNJ9 | 1.062575486 | 8.95026323 | 9.852663674 | 4.32E-21 | 4.54E-20 | 36.70422963 | Up-regulated |
| ODZ2 | 1.579001946 | 6.663163619 | 9.845282478 | 4.59E-21 | 4.82E-20 | 36.64310409 | Up-regulated |
| CYP4X1 | 1.327468482 | 4.810482101 | 9.844348461 | 4.63E-21 | 4.85E-20 | 36.63537149 | Up-regulated |
| KIAA1543 | 1.233250195 | 7.921883074 | 9.833274201 | 5.08E-21 | 5.31E-20 | 36.54372727 | Up-regulated |
| TTC9B | 1.259333074 | 7.025144358 | 9.822577604 | 5.55E-21 | 5.78E-20 | 36.45527519 | Up-regulated |
| KCNJ11 | 1.340967704 | 8.488455058 | 9.811293601 | 6.10E-21 | 6.34E-20 | 36.36203701 | Up-regulated |
| CLEC4GP1 | 1.529711673 | 2.616428988 | 9.807898695 | 6.28E-21 | 6.52E-20 | 36.3339997 | Up-regulated |
| DGKK | 1.954244358 | 3.306160311 | 9.801087378 | 6.64E-21 | 6.89E-20 | 36.27776747 | Up-regulated |
| CHRNA4 | 1.289463424 | 8.318262062 | 9.792261614 | 7.15E-21 | 7.38E-20 | 36.20494431 | Up-regulated |
| PTPRN | 1.718180545 | 9.683905447 | 9.784506317 | 7.63E-21 | 7.85E-20 | 36.14099086 | Up-regulated |
| EEF1A2 | 1.229454475 | 10.79079416 | 9.784212528 | 7.65E-21 | 7.87E-20 | 36.13856883 | Up-regulated |
| SYN2 | 1.885259144 | 9.095499222 | 9.761369696 | 9.25E-21 | 9.44E-20 | 35.95040284 | Up-regulated |
| CPNE9 | 1.642505447 | 3.886404475 | 9.748975814 | 1.03E-20 | 1.04E-19 | 35.84843551 | Up-regulated |
| DAB1 | 1.359351362 | 4.701294358 | 9.748388995 | 1.03E-20 | 1.05E-19 | 35.84360982 | Up-regulated |
| LOC100133669 | 1.023099222 | 3.209982685 | 9.743302357 | 1.07E-20 | 1.09E-19 | 35.80178836 | Up-regulated |
| RTN4RL2 | 1.052810117 | 6.782128016 | 9.742627912 | 1.08E-20 | 1.10E-19 | 35.79624432 | Up-regulated |
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| KCNMB2 | 1.08404358 | 5.686976654 | 9.694470154 | 1.61E-20 | 1.61E-19 | 35.40106275 | Up-regulated |
| KLHL35 | 1.159232296 | 4.881912646 | 9.691009908 | 1.66E-20 | 1.66E-19 | 35.37272 | Up-regulated |
| ZNF99 | 1.013580156 | 1.302710311 | 9.690929309 | 1.66E-20 | 1.66E-19 | 35.3720599 | Up-regulated |
| GFRA1 | 1.408880934 | 9.4928 | 9.686234629 | 1.73E-20 | 1.72E-19 | 35.33361734 | Up-regulated |
| TMEM132B | 1.039470039 | 9.836566148 | 9.681250957 | 1.80E-20 | 1.79E-19 | 35.29282242 | Up-regulated |
| JPH4 | 1.04140428 | 11.0073072 | 9.67670677 | 1.87E-20 | 1.86E-19 | 35.25563764 | Up-regulated |
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| SLC17A8 | 2.06374786 | 4.978200389 | 9.664423002 | 2.07E-20 | 2.05E-19 | 35.15518075 | Up-regulated |
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| COL17A1 | 1.241620623 | 2.94774572 | 9.5556816 | 5.06E-20 | 4.86E-19 | 34.26975301 | Up-regulated |
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| CPNE7 | 1.636084047 | 4.790437354 | 9.475610367 | 9.73E-20 | 9.10E-19 | 33.62224102 | Up-regulated |
| SH2D5 | 1.591528405 | 5.81292607 | 9.449585234 | 1.20E-19 | 1.12E-18 | 33.4126061 | Up-regulated |
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| SLC9A2 | 1.176989883 | 4.460187938 | 9.399828937 | 1.80E-19 | 1.65E-18 | 33.01294391 | Up-regulated |
| ST6GAL2 | 1.160674319 | 9.102617704 | 9.39804322 | 1.83E-19 | 1.67E-18 | 32.99862798 | Up-regulated |
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| CDH18 | 1.509638911 | 6.448106226 | 9.02017216 | 3.75E-18 | 3.09E-17 | 30.01302537 | Up-regulated |
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| CHRM2 | 1.119522957 | 2.042477821 | 8.8969416 | 9.85E-18 | 7.86E-17 | 29.05853422 | Up-regulated |
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| NXPH2 | 1.36278716 | 4.090701362 | 8.775679711 | 2.53E-17 | 1.95E-16 | 28.12869216 | Up-regulated |
| PHYHIP | 1.396258366 | 9.887623735 | 8.770834281 | 2.62E-17 | 2.02E-16 | 28.09173255 | Up-regulated |
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| CIDEA | 1.192805058 | 1.829434436 | 8.717007279 | 3.97E-17 | 3.02E-16 | 27.68217083 | Up-regulated |
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| VSTM2L | 1.269094163 | 7.937945914 | 8.697607234 | 4.61E-17 | 3.48E-16 | 27.5350169 | Up-regulated |
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| ASPDH | 1.047503113 | 5.619413813 | 8.68709464 | 4.99E-17 | 3.77E-16 | 27.45537809 | Up-regulated |
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| RIMBP2 | 1.422497665 | 6.990731323 | 8.672612963 | 5.58E-17 | 4.19E-16 | 27.34578848 | Up-regulated |
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| RGR | 1.377549805 | 6.72470214 | 8.670255943 | 5.68E-17 | 4.26E-16 | 27.32796467 | Up-regulated |
| KCNA1 | 1.517485214 | 6.316625486 | 8.666041426 | 5.87E-17 | 4.39E-16 | 27.29610344 | Up-regulated |
| MAL2 | 1.808606226 | 5.8049 | 8.657176789 | 6.28E-17 | 4.69E-16 | 27.22912551 | Up-regulated |
| DYNC1I1 | 1.013076265 | 8.595371206 | 8.643863703 | 6.95E-17 | 5.18E-16 | 27.12863265 | Up-regulated |
| SHISA9 | 1.423436576 | 8.165309728 | 8.634239818 | 7.48E-17 | 5.56E-16 | 27.05605923 | Up-regulated |
| EMX1 | 1.616908949 | 3.688305447 | 8.628403677 | 7.83E-17 | 5.80E-16 | 27.01207844 | Up-regulated |
| GAD2 | 1.813550584 | 5.171136381 | 8.621139194 | 8.27E-17 | 6.13E-16 | 26.95736476 | Up-regulated |
| CA10 | 1.378130739 | 9.044594942 | 8.615112745 | 8.66E-17 | 6.40E-16 | 26.91200164 | Up-regulated |
| LRRTM4 | 1.016729183 | 8.149025292 | 8.613956698 | 8.74E-17 | 6.45E-16 | 26.90330239 | Up-regulated |
| HTR3B | 1.172907782 | 1.267600195 | 8.613357443 | 8.78E-17 | 6.48E-16 | 26.89879335 | Up-regulated |
| TCERG1L | 1.458086381 | 3.578579377 | 8.606208368 | 9.27E-17 | 6.83E-16 | 26.84501876 | Up-regulated |
| GLRA2 | 1.520795331 | 3.919815953 | 8.601114333 | 9.64E-17 | 7.09E-16 | 26.80672232 | Up-regulated |
| C6orf27 | 1.296022568 | 3.842987938 | 8.586670528 | 1.08E-16 | 7.87E-16 | 26.69822745 | Up-regulated |
| SDR16C5 | 1.462966926 | 2.745231323 | 8.585662618 | 1.08E-16 | 7.92E-16 | 26.69066162 | Up-regulated |
| SYCE1 | 1.920929183 | 4.52937821 | 8.585203551 | 1.09E-16 | 7.95E-16 | 26.68721587 | Up-regulated |
| ISLR2 | 1.391945136 | 6.227987354 | 8.582834154 | 1.11E-16 | 8.08E-16 | 26.6694334 | Up-regulated |
| FRMPD4 | 1.60342179 | 5.151706615 | 8.561103062 | 1.31E-16 | 9.50E-16 | 26.50651173 | Up-regulated |
| RPRML | 1.31184358 | 3.3531393 | 8.554912152 | 1.37E-16 | 9.93E-16 | 26.46015408 | Up-regulated |
| C1orf115 | 1.094143969 | 8.319589883 | 8.545461898 | 1.47E-16 | 1.06E-15 | 26.3894389 | Up-regulated |
| CRYM | 1.955904669 | 6.639453891 | 8.544804385 | 1.48E-16 | 1.07E-15 | 26.38452099 | Up-regulated |
| PPP2R2C | 1.302466537 | 9.767570233 | 8.5392692 | 1.54E-16 | 1.11E-15 | 26.34313145 | Up-regulated |
| ANO3 | 1.329467315 | 5.594887743 | 8.521349471 | 1.77E-16 | 1.27E-15 | 26.20927421 | Up-regulated |
| NPTX1 | 1.544878599 | 9.204007782 | 8.514378345 | 1.86E-16 | 1.34E-15 | 26.15725821 | Up-regulated |
| SULT4A1 | 1.841556031 | 7.875771012 | 8.507681701 | 1.96E-16 | 1.40E-15 | 26.10732045 | Up-regulated |
| SYT5 | 1.331964591 | 7.635565175 | 8.505970206 | 1.98E-16 | 1.42E-15 | 26.09456234 | Up-regulated |
| CYGB | 1.187316342 | 6.039038327 | 8.505634858 | 1.99E-16 | 1.42E-15 | 26.09206276 | Up-regulated |
| LOC100189589 | 1.236507004 | 3.089301362 | 8.499931287 | 2.08E-16 | 1.48E-15 | 26.04956148 | Up-regulated |
| SLIT1 | 1.073385992 | 11.85139883 | 8.498914228 | 2.09E-16 | 1.49E-15 | 26.04198491 | Up-regulated |
| LHX5 | 1.962906615 | 3.485299222 | 8.493520174 | 2.18E-16 | 1.55E-15 | 26.00181342 | Up-regulated |
| VIP | 1.500809728 | 3.963597082 | 8.485476802 | 2.31E-16 | 1.65E-15 | 25.94194716 | Up-regulated |
| SLC1A6 | 1.394527237 | 6.723026654 | 8.482604959 | 2.37E-16 | 1.68E-15 | 25.92058259 | Up-regulated |
| PACSIN1 | 1.920088327 | 8.72561965 | 8.477045635 | 2.47E-16 | 1.75E-15 | 25.87924045 | Up-regulated |
| CREG2 | 1.856528405 | 5.990424514 | 8.473943878 | 2.52E-16 | 1.79E-15 | 25.85618299 | Up-regulated |
| ACBD7 | 1.139935019 | 9.365450389 | 8.472373079 | 2.56E-16 | 1.81E-15 | 25.84450861 | Up-regulated |
| SLC32A1 | 1.803180934 | 5.73528463 | 8.461952679 | 2.76E-16 | 1.95E-15 | 25.76710415 | Up-regulated |
| ST6GALNAC5 | 1.504125681 | 5.207716926 | 8.421702786 | 3.74E-16 | 2.62E-15 | 25.46879707 | Up-regulated |
| DCX | 1.156908171 | 10.18938444 | 8.417640443 | 3.86E-16 | 2.70E-15 | 25.43874928 | Up-regulated |
| WNT7B | 1.393846693 | 8.217882101 | 8.402851614 | 4.31E-16 | 3.00E-15 | 25.32945396 | Up-regulated |
| CHRDL1 | 1.282258755 | 8.643281907 | 8.399883927 | 4.40E-16 | 3.07E-15 | 25.30753911 | Up-regulated |
| SLC27A2 | 1.200467315 | 2.320812257 | 8.397324664 | 4.49E-16 | 3.12E-15 | 25.28864498 | Up-regulated |
| CNGB1 | 1.521711284 | 2.176045914 | 8.384438088 | 4.94E-16 | 3.43E-15 | 25.19357426 | Up-regulated |
| GDAP1L1 | 1.005806226 | 9.692954086 | 8.360004143 | 5.93E-16 | 4.10E-15 | 25.01361707 | Up-regulated |
| LPPR3 | 1.436053696 | 6.663406226 | 8.342016258 | 6.78E-16 | 4.66E-15 | 24.88139046 | Up-regulated |
| KIAA1045 | 1.469896109 | 8.071421984 | 8.336880651 | 7.05E-16 | 4.83E-15 | 24.84367903 | Up-regulated |
| B3GNT4 | 1.15374358 | 3.150574125 | 8.331467233 | 7.34E-16 | 5.03E-15 | 24.80394673 | Up-regulated |
| LRFN2 | 1.086002335 | 5.495029572 | 8.318033734 | 8.11E-16 | 5.53E-15 | 24.70543517 | Up-regulated |
| CACNA2D1 | 1.371722568 | 6.826142607 | 8.316814927 | 8.18E-16 | 5.58E-15 | 24.69650331 | Up-regulated |
| PRRG3 | 1.118459533 | 1.817195914 | 8.31627619 | 8.22E-16 | 5.60E-15 | 24.69255557 | Up-regulated |
| CAMK2B | 1.127708949 | 9.846084825 | 8.298274449 | 9.39E-16 | 6.37E-15 | 24.56075504 | Up-regulated |
| CLEC2L | 1.62616965 | 5.207238911 | 8.282763116 | 1.05E-15 | 7.11E-15 | 24.44736293 | Up-regulated |
| EPB41L4B | 1.006473152 | 7.099447082 | 8.254959387 | 1.29E-15 | 8.65E-15 | 24.24451573 | Up-regulated |
| SNTG1 | 1.030158366 | 6.076223541 | 8.250158709 | 1.34E-15 | 8.96E-15 | 24.20954432 | Up-regulated |
| HTR2C | 1.330511673 | 4.182843385 | 8.239850357 | 1.45E-15 | 9.60E-15 | 24.13450387 | Up-regulated |
| CLEC4G | 1.15861751 | 2.197711868 | 8.237787657 | 1.47E-15 | 9.74E-15 | 24.11949691 | Up-regulated |
| KCNJ12 | 1.028908949 | 5.310394553 | 8.234684835 | 1.50E-15 | 9.95E-15 | 24.09692807 | Up-regulated |
| FXYD7 | 1.481247471 | 7.098493385 | 8.233894028 | 1.51E-15 | 1.00E-14 | 24.09117706 | Up-regulated |
| D4S234E | 1.066010117 | 8.954088327 | 8.232931946 | 1.52E-15 | 1.01E-14 | 24.08418105 | Up-regulated |
| SYNPR | 1.746350195 | 6.578437354 | 8.216444804 | 1.72E-15 | 1.13E-14 | 23.96438824 | Up-regulated |
| HIPK4 | 1.352048638 | 3.015297082 | 8.211151557 | 1.79E-15 | 1.18E-14 | 23.92596745 | Up-regulated |
| CHRNA2 | 1.527470428 | 3.315120039 | 8.204659536 | 1.88E-15 | 1.23E-14 | 23.87887135 | Up-regulated |
| ARHGDIG | 1.187303891 | 8.024046887 | 8.20215062 | 1.91E-15 | 1.25E-14 | 23.86067818 | Up-regulated |
| KLK7 | 1.616337354 | 2.959180739 | 8.199624429 | 1.95E-15 | 1.27E-14 | 23.84236407 | Up-regulated |
| CALHM1 | 1.250357588 | 2.295323541 | 8.193827811 | 2.03E-15 | 1.33E-14 | 23.80035671 | Up-regulated |
| SOSTDC1 | 1.124890661 | 3.416073346 | 8.192660049 | 2.05E-15 | 1.34E-14 | 23.79189685 | Up-regulated |
| KLHL1 | 1.245745914 | 2.117541051 | 8.185947641 | 2.15E-15 | 1.41E-14 | 23.74328673 | Up-regulated |
| ?|728603 | 1.293077432 | 1.381059728 | 8.180525209 | 2.24E-15 | 1.46E-14 | 23.70404076 | Up-regulated |
| LINGO2 | 1.303383268 | 2.800276848 | 8.17305288 | 2.37E-15 | 1.54E-14 | 23.64999099 | Up-regulated |
| VSNL1 | 1.941966148 | 8.706199027 | 8.164976161 | 2.51E-15 | 1.63E-14 | 23.5916122 | Up-regulated |
| C6orf223 | 1.017613619 | 1.549234047 | 8.149337563 | 2.81E-15 | 1.82E-14 | 23.47870223 | Up-regulated |
| FLJ43390 | 1.283996887 | 7.008489105 | 8.130032517 | 3.24E-15 | 2.09E-14 | 23.33955072 | Up-regulated |
| ABCC12 | 1.215077432 | 1.952288132 | 8.124981085 | 3.36E-15 | 2.16E-14 | 23.30318182 | Up-regulated |
| CHD5 | 1.441589105 | 8.440168093 | 8.102529788 | 3.96E-15 | 2.54E-14 | 23.14174987 | Up-regulated |
| GABRD | 1.327125292 | 8.147274319 | 8.085620459 | 4.48E-15 | 2.86E-14 | 23.02039433 | Up-regulated |
| KSR2 | 1.348735409 | 7.909753307 | 8.085053928 | 4.50E-15 | 2.87E-14 | 23.01633183 | Up-regulated |
| NRGN | 1.744362257 | 9.789311089 | 8.0780078 | 4.74E-15 | 3.02E-14 | 22.96582351 | Up-regulated |
| NEFH | 1.313593385 | 7.670258171 | 8.075861432 | 4.81E-15 | 3.06E-14 | 22.95044462 | Up-regulated |
| EPB49 | 1.050555253 | 9.541376459 | 8.065687374 | 5.18E-15 | 3.29E-14 | 22.8775897 | Up-regulated |
| PAX7 | 1.27471323 | 2.352249611 | 8.058603697 | 5.45E-15 | 3.45E-14 | 22.82690656 | Up-regulated |
| NEFL | 2.032440467 | 8.6209607 | 8.056165858 | 5.55E-15 | 3.51E-14 | 22.809472 | Up-regulated |
| GPR12 | 1.354428405 | 5.490401751 | 8.043156707 | 6.10E-15 | 3.84E-14 | 22.71650428 | Up-regulated |
| DRD5 | 1.189815953 | 2.45956751 | 8.04269968 | 6.12E-15 | 3.85E-14 | 22.71324033 | Up-regulated |
| COL19A1 | 1.01299144 | 2.506615564 | 8.018271706 | 7.30E-15 | 4.57E-14 | 22.53899264 | Up-regulated |
| ST8SIA2 | 1.359002335 | 5.663160311 | 8.013004638 | 7.59E-15 | 4.73E-14 | 22.50147596 | Up-regulated |
| CACNA1G | 1.179679377 | 7.185412062 | 8.002643575 | 8.18E-15 | 5.08E-14 | 22.4277313 | Up-regulated |
| FGF9 | 1.0580607 | 5.752219455 | 7.976206733 | 9.90E-15 | 6.11E-14 | 22.23990399 | Up-regulated |
| AFF2 | 1.179520623 | 7.808836576 | 7.959847022 | 1.11E-14 | 6.83E-14 | 22.12391473 | Up-regulated |
| MAP7D2 | 1.718851362 | 6.185114397 | 7.957409198 | 1.13E-14 | 6.95E-14 | 22.10664662 | Up-regulated |
| SUSD5 | 1.335167704 | 8.61427607 | 7.94793723 | 1.21E-14 | 7.42E-14 | 22.03959192 | Up-regulated |
| NETO1 | 1.062810117 | 7.09112179 | 7.946244177 | 1.23E-14 | 7.50E-14 | 22.02761289 | Up-regulated |
| ANKRD34C | 1.247877432 | 2.474534047 | 7.945709964 | 1.23E-14 | 7.53E-14 | 22.02383353 | Up-regulated |
| RGS4 | 1.597521012 | 8.134821984 | 7.936467637 | 1.32E-14 | 8.02E-14 | 21.95847891 | Up-regulated |
| ENTPD3 | 1.490690272 | 4.67319572 | 7.936366103 | 1.32E-14 | 8.02E-14 | 21.95776127 | Up-regulated |
| DLX1 | 1.327426848 | 5.090143385 | 7.931674666 | 1.36E-14 | 8.28E-14 | 21.9246101 | Up-regulated |
| JAKMIP1 | 1.069716342 | 7.641085019 | 7.908921247 | 1.60E-14 | 9.70E-14 | 21.76404462 | Up-regulated |
| PLK5P | 1.004249027 | 4.405429961 | 7.908480503 | 1.61E-14 | 9.72E-14 | 21.76093796 | Up-regulated |
| GLRA3 | 1.496864981 | 4.590099805 | 7.899414569 | 1.72E-14 | 1.03E-13 | 21.69706512 | Up-regulated |
| CCK | 1.760935798 | 6.814614591 | 7.879401558 | 1.98E-14 | 1.19E-13 | 21.5562692 | Up-regulated |
| TLX1NB | 1.581092607 | 2.603979377 | 7.878412103 | 2.00E-14 | 1.20E-13 | 21.54931543 | Up-regulated |
| CCBE1 | 1.061625681 | 2.08946537 | 7.861211435 | 2.26E-14 | 1.35E-13 | 21.42854057 | Up-regulated |
| SCN2B | 1.007929572 | 8.829573735 | 7.858024683 | 2.31E-14 | 1.37E-13 | 21.40618746 | Up-regulated |
| GALNTL5 | 1.036554864 | 1.677065759 | 7.857570603 | 2.32E-14 | 1.38E-13 | 21.40300294 | Up-regulated |
| KCNJ3 | 1.24188716 | 5.711989105 | 7.849052159 | 2.46E-14 | 1.46E-13 | 21.34328892 | Up-regulated |
| SV2B | 1.732297665 | 7.61030214 | 7.836605502 | 2.69E-14 | 1.59E-13 | 21.2561297 | Up-regulated |
| NELL2 | 1.297638521 | 9.285766732 | 7.834687791 | 2.72E-14 | 1.61E-13 | 21.24271036 | Up-regulated |
| ELAVL4 | 1.08355214 | 7.818808366 | 7.817452306 | 3.08E-14 | 1.81E-13 | 21.12221954 | Up-regulated |
| ANKRD43 | 1.137929183 | 7.159400778 | 7.79783234 | 3.54E-14 | 2.07E-13 | 20.9853133 | Up-regulated |
| ZCCHC12 | 1.318122568 | 6.047874125 | 7.744567704 | 5.16E-14 | 2.98E-13 | 20.615006 | Up-regulated |
| TAC3 | 1.566542023 | 3.765900195 | 7.740231402 | 5.32E-14 | 3.07E-13 | 20.58494732 | Up-regulated |
| KCNS1 | 1.851335409 | 4.742093774 | 7.738677485 | 5.37E-14 | 3.10E-13 | 20.57417901 | Up-regulated |
| WFDC1 | 1.031827626 | 6.116074903 | 7.727820017 | 5.80E-14 | 3.33E-13 | 20.49898678 | Up-regulated |
| CBLN4 | 1.70321751 | 4.395344163 | 7.703169032 | 6.90E-14 | 3.94E-13 | 20.32857927 | Up-regulated |
| TLX1 | 1.867156031 | 4.413052724 | 7.700878191 | 7.01E-14 | 4.00E-13 | 20.31276503 | Up-regulated |
| OCA2 | 1.017867315 | 1.749099416 | 7.689890496 | 7.57E-14 | 4.31E-13 | 20.23696608 | Up-regulated |
| HPCAL4 | 1.200924514 | 9.823814397 | 7.681290291 | 8.04E-14 | 4.56E-13 | 20.17769717 | Up-regulated |
| C1QTNF4 | 1.002795331 | 5.985301946 | 7.668615021 | 8.79E-14 | 4.97E-13 | 20.0904406 | Up-regulated |
| NEUROD2 | 1.611100778 | 5.710856226 | 7.639832944 | 1.07E-13 | 6.03E-13 | 19.89272991 | Up-regulated |
| RYR2 | 1.615215175 | 6.277739494 | 7.631146034 | 1.14E-13 | 6.39E-13 | 19.83317367 | Up-regulated |
| KIAA0748 | 1.88812607 | 4.213926459 | 7.624951586 | 1.19E-13 | 6.65E-13 | 19.79073833 | Up-regulated |
| NT5C1A | 1.036108171 | 3.503999611 | 7.624733797 | 1.19E-13 | 6.66E-13 | 19.78924686 | Up-regulated |
| ACAN | 1.4358393 | 6.028829377 | 7.59825503 | 1.43E-13 | 7.95E-13 | 19.60816649 | Up-regulated |
| ZNF676 | 1.383018288 | 3.316947276 | 7.576789055 | 1.67E-13 | 9.18E-13 | 19.46173583 | Up-regulated |
| TMEM215 | 1.162341634 | 2.461790272 | 7.539279548 | 2.16E-13 | 1.18E-12 | 19.20665829 | Up-regulated |
| GABRQ | 1.079088716 | 4.449634241 | 7.534053274 | 2.24E-13 | 1.22E-12 | 19.1711982 | Up-regulated |
| MUM1L1 | 1.104033852 | 5.177001751 | 7.519455547 | 2.47E-13 | 1.35E-12 | 19.07225741 | Up-regulated |
| PABPC1L2A | 1.021045914 | 3.140019066 | 7.515214077 | 2.55E-13 | 1.38E-12 | 19.0435383 | Up-regulated |
| HS3ST2 | 1.242593385 | 6.459357393 | 7.512129516 | 2.60E-13 | 1.41E-12 | 19.0226608 | Up-regulated |
| PABPC1L2B | 1.183460311 | 4.886504864 | 7.509758556 | 2.65E-13 | 1.44E-12 | 19.00661791 | Up-regulated |
| DLX6AS | 1.153947471 | 2.832791245 | 7.509251822 | 2.65E-13 | 1.44E-12 | 19.00318966 | Up-regulated |
| RANBP17 | 1.022307782 | 5.816597082 | 7.497439448 | 2.88E-13 | 1.56E-12 | 18.92332708 | Up-regulated |
| DLGAP2 | 1.297869261 | 5.904251751 | 7.472034947 | 3.43E-13 | 1.84E-12 | 18.751911 | Up-regulated |
| RBP4 | 1.340535798 | 4.773055058 | 7.452402621 | 3.92E-13 | 2.10E-12 | 18.61976271 | Up-regulated |
| PRSS16 | 1.068001167 | 1.774440661 | 7.429518162 | 4.58E-13 | 2.44E-12 | 18.46607687 | Up-regulated |
| HSPB3 | 1.114925681 | 2.66659358 | 7.411697498 | 5.18E-13 | 2.75E-12 | 18.34666177 | Up-regulated |
| C1QL2 | 1.132143191 | 5.636431907 | 7.403831348 | 5.46E-13 | 2.89E-12 | 18.29402477 | Up-regulated |
| C8orf79 | 1.054999222 | 6.806842412 | 7.379404126 | 6.45E-13 | 3.40E-12 | 18.13085549 | Up-regulated |
| LRFN5 | 1.160507782 | 6.640734436 | 7.369117677 | 6.91E-13 | 3.63E-12 | 18.06227425 | Up-regulated |
| PTGFR | 1.061926459 | 4.260079183 | 7.357674907 | 7.47E-13 | 3.92E-12 | 17.98607451 | Up-regulated |
| SSTR1 | 1.339885214 | 7.349837938 | 7.347451909 | 8.01E-13 | 4.19E-12 | 17.91807849 | Up-regulated |
| PRKCG | 1.527077432 | 6.679874514 | 7.345458455 | 8.12E-13 | 4.24E-12 | 17.90482837 | Up-regulated |
| HAPLN1 | 1.248484825 | 8.380974708 | 7.325802278 | 9.27E-13 | 4.82E-12 | 17.77433341 | Up-regulated |
| EGR4 | 1.347757977 | 3.030857977 | 7.323322731 | 9.43E-13 | 4.90E-12 | 17.75789211 | Up-regulated |
| C4orf50 | 1.021736576 | 2.302791245 | 7.320073564 | 9.63E-13 | 5.01E-12 | 17.73635448 | Up-regulated |
| LHX3 | 1.167289494 | 2.447900778 | 7.268086422 | 1.37E-12 | 7.00E-12 | 17.3928043 | Up-regulated |
| LOC286002 | 1.596747082 | 5.029240467 | 7.252932987 | 1.51E-12 | 7.71E-12 | 17.29303936 | Up-regulated |
| SLC17A7 | 1.915390272 | 9.460154669 | 7.236581584 | 1.69E-12 | 8.57E-12 | 17.1855775 | Up-regulated |
| MEPE | 1.488822179 | 2.909306031 | 7.22467117 | 1.83E-12 | 9.25E-12 | 17.10742629 | Up-regulated |
| EMID2 | 1.037043969 | 6.350678794 | 7.209024519 | 2.03E-12 | 1.02E-11 | 17.00491892 | Up-regulated |
| PAH | 1.050467315 | 4.37814572 | 7.197877044 | 2.19E-12 | 1.10E-11 | 16.93199802 | Up-regulated |
| MCHR1 | 1.074464591 | 6.483919844 | 7.189264339 | 2.31E-12 | 1.16E-11 | 16.87572133 | Up-regulated |
| KCNH3 | 1.120029183 | 7.551170623 | 7.163991727 | 2.74E-12 | 1.36E-11 | 16.71090412 | Up-regulated |
| C21orf128 | 1.225815953 | 2.637049611 | 7.160839669 | 2.80E-12 | 1.39E-11 | 16.69038102 | Up-regulated |
| NMU | 1.308828016 | 2.757767704 | 7.133968618 | 3.34E-12 | 1.65E-11 | 16.51572332 | Up-regulated |
| GABRA5 | 1.586879767 | 6.23612821 | 7.112781884 | 3.84E-12 | 1.89E-11 | 16.37839214 | Up-regulated |
| TMEM179 | 1.033404669 | 4.908128794 | 7.105311325 | 4.04E-12 | 1.98E-11 | 16.33004829 | Up-regulated |
| TRPC5 | 1.061840078 | 2.918641051 | 7.058683452 | 5.48E-12 | 2.67E-11 | 16.02925076 | Up-regulated |
| MRAP2 | 1.203367704 | 5.623698249 | 7.037287789 | 6.31E-12 | 3.06E-11 | 15.89177207 | Up-regulated |
| DIO2 | 1.0875607 | 8.639796304 | 7.00366663 | 7.86E-12 | 3.78E-11 | 15.67643285 | Up-regulated |
| CDH8 | 1.12587821 | 5.674553113 | 7.002417026 | 7.92E-12 | 3.81E-11 | 15.66844569 | Up-regulated |
| STAT4 | 1.225980156 | 3.833290467 | 6.994477155 | 8.34E-12 | 4.00E-11 | 15.61772348 | Up-regulated |
| LOC440040 | 1.090343969 | 3.926147082 | 6.947916526 | 1.13E-11 | 5.36E-11 | 15.32123784 | Up-regulated |
| BEX5 | 1.029254475 | 6.836932296 | 6.918796038 | 1.36E-11 | 6.44E-11 | 15.13663955 | Up-regulated |
| MYOD1 | 1.257491829 | 2.361554086 | 6.917382353 | 1.38E-11 | 6.49E-11 | 15.12769438 | Up-regulated |
| C13orf36 | 1.354764202 | 4.309656809 | 6.907267375 | 1.47E-11 | 6.91E-11 | 15.06373554 | Up-regulated |
| MICAL2 | 1.009609728 | 8.252028988 | 6.893407267 | 1.60E-11 | 7.51E-11 | 14.97622168 | Up-regulated |
| SLITRK4 | 1.130144747 | 5.134157977 | 6.88606979 | 1.68E-11 | 7.86E-11 | 14.92995132 | Up-regulated |
| CPLX3 | 1.247623735 | 4.795516537 | 6.868989206 | 1.88E-11 | 8.73E-11 | 14.82239918 | Up-regulated |
| CHRM3 | 1.263308171 | 3.987707782 | 6.843404373 | 2.21E-11 | 1.02E-10 | 14.66171348 | Up-regulated |
| CSMD3 | 1.172836576 | 8.861818288 | 6.838269667 | 2.29E-11 | 1.05E-10 | 14.62952506 | Up-regulated |
| CPAMD8 | 1.093699611 | 5.215535409 | 6.828285049 | 2.44E-11 | 1.12E-10 | 14.56699113 | Up-regulated |
| TACR1 | 1.082837354 | 6.671359533 | 6.810715663 | 2.73E-11 | 1.25E-10 | 14.45713846 | Up-regulated |
| BARHL1 | 1.145549416 | 2.027538911 | 6.793451125 | 3.04E-11 | 1.38E-10 | 14.3494218 | Up-regulated |
| KCNJ4 | 1.156562646 | 6.846582101 | 6.743511711 | 4.18E-11 | 1.88E-10 | 14.03912654 | Up-regulated |
| HS6ST3 | 1.290489105 | 6.705895914 | 6.742389355 | 4.21E-11 | 1.89E-10 | 14.03217485 | Up-regulated |
| NPM2 | 1.105383658 | 5.653019844 | 6.730337248 | 4.54E-11 | 2.04E-10 | 13.95758716 | Up-regulated |
| RASAL1 | 1.473622957 | 5.590935992 | 6.715035614 | 5.00E-11 | 2.23E-10 | 13.86304995 | Up-regulated |
| LHX6 | 1.088201946 | 5.276353502 | 6.712050549 | 5.09E-11 | 2.27E-10 | 13.84462852 | Up-regulated |
| TAC1 | 1.518628405 | 5.020998249 | 6.701578275 | 5.44E-11 | 2.42E-10 | 13.78005632 | Up-regulated |
| DLX2 | 1.007144358 | 2.817460895 | 6.685785221 | 6.01E-11 | 2.67E-10 | 13.68283608 | Up-regulated |
| SHISA6 | 1.273384047 | 5.193244163 | 6.649643148 | 7.54E-11 | 3.31E-10 | 13.46107463 | Up-regulated |
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| HOOK1 | 1.087458755 | 4.599681907 | 6.624185703 | 8.84E-11 | 3.85E-10 | 13.30547911 | Up-regulated |
| PCDHGA3 | 1.02512607 | 6.283332296 | 6.60432059 | 1.00E-10 | 4.34E-10 | 13.18441302 | Up-regulated |
| GDA | 1.474656031 | 7.366264591 | 6.57501794 | 1.20E-10 | 5.18E-10 | 13.00639054 | Up-regulated |
| CACNA1B | 1.190557588 | 7.00605856 | 6.550317957 | 1.40E-10 | 6.00E-10 | 12.85684991 | Up-regulated |
| PCSK1 | 1.216858366 | 6.992739689 | 6.535293434 | 1.53E-10 | 6.56E-10 | 12.76611998 | Up-regulated |
| NGEF | 1.060740856 | 8.804842023 | 6.515804588 | 1.73E-10 | 7.36E-10 | 12.64869362 | Up-regulated |
| SLC6A15 | 1.236948249 | 6.132744553 | 6.511255816 | 1.78E-10 | 7.56E-10 | 12.6213286 | Up-regulated |
| ITGA8 | 1.082347471 | 3.34486284 | 6.510876119 | 1.78E-10 | 7.57E-10 | 12.6190451 | Up-regulated |
| WBSCR17 | 1.160397276 | 8.101987743 | 6.490300228 | 2.02E-10 | 8.55E-10 | 12.49547074 | Up-regulated |
| BHLHE22 | 1.063845914 | 3.541919066 | 6.486230892 | 2.07E-10 | 8.76E-10 | 12.47107046 | Up-regulated |
| SNCG | 1.00520856 | 8.021131128 | 6.435326984 | 2.83E-10 | 1.18E-09 | 12.16694193 | Up-regulated |
| DRD1 | 1.088849416 | 4.028476848 | 6.419657628 | 3.11E-10 | 1.30E-09 | 12.07373443 | Up-regulated |
| CARTPT | 1.328266148 | 1.865925292 | 6.392471232 | 3.67E-10 | 1.52E-09 | 11.91247805 | Up-regulated |
| SPHKAP | 1.269803891 | 8.307823346 | 6.3769431 | 4.03E-10 | 1.66E-09 | 11.82063448 | Up-regulated |
| LOC84856 | 1.025976265 | 6.99995428 | 6.302416777 | 6.32E-10 | 2.54E-09 | 11.38249234 | Up-regulated |
| KCNK9 | 1.067871984 | 4.288295136 | 6.185337476 | 1.27E-09 | 4.97E-09 | 10.70310084 | Up-regulated |
| TNR | 1.11423463 | 10.5090321 | 6.17338299 | 1.36E-09 | 5.32E-09 | 10.63434737 | Up-regulated |
| EPHB6 | 1.001772763 | 8.230083658 | 6.103380327 | 2.05E-09 | 7.89E-09 | 10.23404663 | Up-regulated |
| GLP1R | 1.184251751 | 3.188582296 | 6.095738424 | 2.14E-09 | 8.24E-09 | 10.19058617 | Up-regulated |
| PNOC | 1.336019844 | 4.106458949 | 5.99834029 | 3.77E-09 | 1.42E-08 | 9.64080388 | Up-regulated |
| CREB3L1 | 1.107052918 | 6.308784825 | 5.986628548 | 4.03E-09 | 1.51E-08 | 9.575212366 | Up-regulated |
| SLC13A5 | 1.260219844 | 4.25877607 | 5.985854795 | 4.05E-09 | 1.51E-08 | 9.57088289 | Up-regulated |
| DHRS2 | 1.061923735 | 4.762165759 | 5.980814718 | 4.17E-09 | 1.56E-08 | 9.542693441 | Up-regulated |
| SLC14A2 | 1.063628794 | 3.63492179 | 5.949155803 | 4.99E-09 | 1.85E-08 | 9.366095688 | Up-regulated |
| PCDHA11 | 1.140083268 | 5.225719066 | 5.919335922 | 5.92E-09 | 2.19E-08 | 9.200502906 | Up-regulated |
| CALB1 | 1.032007004 | 5.939007782 | 5.852529136 | 8.64E-09 | 3.14E-08 | 8.832154685 | Up-regulated |
| STAC2 | 1.10609572 | 7.062003113 | 5.797020318 | 1.18E-08 | 4.22E-08 | 8.528881933 | Up-regulated |
| KRT17 | 1.10389144 | 3.251331323 | 5.713803496 | 1.87E-08 | 6.56E-08 | 8.078979362 | Up-regulated |
| GABRA2 | 1.158526459 | 5.810808366 | 5.694015628 | 2.09E-08 | 7.28E-08 | 7.972840569 | Up-regulated |
| PTPN3 | 1.02019572 | 4.875959728 | 5.523654349 | 5.28E-08 | 1.77E-07 | 7.072515528 | Up-regulated |
| GJB6 | 1.427836965 | 5.32849358 | 5.475440501 | 6.84E-08 | 2.26E-07 | 6.822117715 | Up-regulated |
| CALB2 | 1.025317121 | 5.862122763 | 5.382847712 | 1.12E-07 | 3.61E-07 | 6.346721486 | Up-regulated |
| C1orf173 | 1.052396887 | 6.324961868 | 5.367020123 | 1.21E-07 | 3.91E-07 | 6.266182421 | Up-regulated |
| CPNE6 | 1.156161089 | 7.354402724 | 5.320820116 | 1.55E-07 | 4.93E-07 | 6.032305544 | Up-regulated |
| SST | 1.028096887 | 6.059647665 | 5.286182358 | 1.85E-07 | 5.85E-07 | 5.858147416 | Up-regulated |
| PRLHR | 1.301891829 | 5.737804669 | 5.273363982 | 1.98E-07 | 6.23E-07 | 5.793955304 | Up-regulated |
| PDYN | 1.293036965 | 5.431511868 | 5.253075023 | 2.20E-07 | 6.87E-07 | 5.692637675 | Up-regulated |
| TBX5 | 1.189604669 | 3.081942023 | 5.24454429 | 2.29E-07 | 7.17E-07 | 5.650142177 | Up-regulated |
| VGF | 1.039940467 | 8.326361284 | 5.149533879 | 3.73E-07 | 1.14E-06 | 5.181051671 | Up-regulated |
| ETV4 | 1.152381712 | 5.990187354 | 4.858318942 | 1.58E-06 | 4.50E-06 | 3.791644669 | Up-regulated |
| WIF1 | 1.150907393 | 4.177915953 | 4.394595217 | 1.35E-05 | 3.46E-05 | 1.732264554 | Up-regulated |
| TYROBP | −1.886199611 | 9.371634825 | −29.66748768 | 2.21E-113 | 4.53E-109 | 248.2292744 | Down-regulated |
| CD300A | −1.788564591 | 7.436395525 | −29.32213572 | 9.71E-112 | 9.97E-108 | 244.4613889 | Down-regulated |
| GPSM3 | −1.576138911 | 8.218675681 | −29.24416081 | 2.28E-111 | 1.56E-107 | 243.6090591 | Down-regulated |
| LAPTM5 | −1.841522957 | 11.67694202 | −29.20380472 | 3.56E-111 | 1.83E-107 | 243.167705 | Down-regulated |
| ARHGDIB | −1.456454475 | 10.16946187 | −28.64173122 | 1.73E-108 | 7.11E-105 | 237.0046814 | Down-regulated |
| CD86 | −1.974007393 | 7.556071401 | −28.35244915 | 4.23E-107 | 1.45E-103 | 233.8215033 | Down-regulated |
| CD68 | −1.83149144 | 10.4401784 | −27.97522762 | 2.76E-105 | 8.10E-102 | 229.6596392 | Down-regulated |
| LAIR1 | −2.00461284 | 8.304992023 | −27.95256857 | 3.55E-105 | 9.12E-102 | 229.4092558 | Down-regulated |
| ITGB2 | −2.017134241 | 10.21696128 | −27.88410283 | 7.59E-105 | 1.73E-101 | 228.6524448 | Down-regulated |
| ARHGAP30 | −1.542933074 | 8.155337354 | −27.70063185 | 5.83E-104 | 1.20E-100 | 226.6224627 | Down-regulated |
| MYO1F | −1.773716342 | 8.530673735 | −27.67035822 | 8.16E-104 | 1.52E-100 | 226.28724 | Down-regulated |
| SPI1 | −1.809549416 | 8.635978988 | −27.59940723 | 1.80E-103 | 3.07E-100 | 225.5013021 | Down-regulated |
| CD4 | −1.533110895 | 9.781729767 | −27.38757047 | 1.90E-102 | 3.00E-99 | 223.1523503 | Down-regulated |
| RASGRP4 | −1.877035019 | 5.678352529 | −27.325071 | 3.81E-102 | 5.59E-99 | 222.4586502 | Down-regulated |
| FCER1G | −1.892322568 | 8.349609533 | −27.2666095 | 7.31E-102 | 1.00E-98 | 221.8094948 | Down-regulated |
| CD53 | −1.800608171 | 9.187610311 | −27.20438433 | 1.46E-101 | 1.88E-98 | 221.1182593 | Down-regulated |
| HCK | −1.718128794 | 8.075153502 | −27.12911069 | 3.39E-101 | 4.09E-98 | 220.2816797 | Down-regulated |
| NCKAP1L | −1.883336187 | 8.528414008 | −27.12047541 | 3.73E-101 | 4.26E-98 | 220.1856813 | Down-regulated |
| TBXAS1 | −1.790463813 | 8.388763035 | −27.10145788 | 4.61E-101 | 4.98E-98 | 219.9742434 | Down-regulated |
| VAMP8 | −1.669484825 | 7.814000778 | −27.05166956 | 8.04E-101 | 8.26E-98 | 219.4205661 | Down-regulated |
| PTPN6 | −1.679938132 | 8.232872568 | −27.02675986 | 1.06E-100 | 1.04E-97 | 219.1434855 | Down-regulated |
| RNASE6 | −1.79638249 | 7.51131965 | −27.00697267 | 1.32E-100 | 1.24E-97 | 218.9233518 | Down-regulated |
| ADAP2 | −1.460451751 | 7.877605253 | −26.99529924 | 1.51E-100 | 1.35E-97 | 218.7934706 | Down-regulated |
| C1QC | −1.922335798 | 11.27515039 | −26.98155508 | 1.76E-100 | 1.51E-97 | 218.6405371 | Down-regulated |
| HLA-DMB | −2.074730739 | 8.982743969 | −26.95599414 | 2.34E-100 | 1.92E-97 | 218.3560796 | Down-regulated |
| FERMT3 | −1.655611284 | 8.058732101 | −26.94697467 | 2.59E-100 | 2.04E-97 | 218.2556941 | Down-regulated |
| ARPC1B | −1.502278988 | 9.70286284 | −26.9427865 | 2.71E-100 | 2.06E-97 | 218.2090783 | Down-regulated |
| SASH3 | −1.871284436 | 7.889882296 | −26.85188907 | 7.50E-100 | 5.50E-97 | 217.1970434 | Down-regulated |
| SLC7A7 | −1.726810506 | 7.705117315 | −26.84444885 | 8.15E-100 | 5.77E-97 | 217.1141789 | Down-regulated |
| ARL11 | −1.718579767 | 4.949594163 | −26.79674349 | 1.39E-99 | 9.50E-97 | 216.5827724 | Down-regulated |
| HAVCR2 | −1.885139689 | 8.709107588 | −26.69327115 | 4.42E-99 | 2.93E-96 | 215.4296022 | Down-regulated |
| HCLS1 | −1.853663813 | 9.512206615 | −26.59356376 | 1.35E-98 | 8.66E-96 | 214.3176815 | Down-regulated |
| CYBA | −1.66995642 | 9.151507393 | −26.53385336 | 2.63E-98 | 1.64E-95 | 213.6514724 | Down-regulated |
| TNFRSF1B | −1.503204669 | 9.26428249 | −26.46630547 | 5.61E-98 | 3.39E-95 | 212.8975254 | Down-regulated |
| CTSS | −1.792563035 | 9.060616537 | −26.24838315 | 6.46E-97 | 3.79E-94 | 210.4630787 | Down-regulated |
| CD300C | −1.876416732 | 4.702690078 | −26.14702224 | 2.02E-96 | 1.15E-93 | 209.329709 | Down-regulated |
| NCF4 | −1.704444747 | 6.774255837 | −25.98915286 | 1.19E-95 | 6.59E-93 | 207.563204 | Down-regulated |
| DOCK2 | −1.921201556 | 8.26460428 | −25.92457786 | 2.45E-95 | 1.33E-92 | 206.8401911 | Down-regulated |
| FCGR2A | −2.006096109 | 8.667896304 | −25.90050595 | 3.22E-95 | 1.69E-92 | 206.5706062 | Down-regulated |
| VAV1 | −1.858210117 | 7.178882101 | −25.88236034 | 3.94E-95 | 2.02E-92 | 206.367368 | Down-regulated |
| SYK | −1.812901946 | 8.551768872 | −25.86995022 | 4.53E-95 | 2.27E-92 | 206.2283583 | Down-regulated |
| C1QB | −2.0008607 | 11.36137432 | −25.81253568 | 8.65E-95 | 4.23E-92 | 205.5851215 | Down-regulated |
| CASP1 | −1.874348638 | 6.940324903 | −25.78614378 | 1.16E-94 | 5.56E-92 | 205.2893783 | Down-regulated |
| PIK3R5 | −1.78779144 | 7.381592218 | −25.77578706 | 1.31E-94 | 6.10E-92 | 205.1733116 | Down-regulated |
| AIF1 | −1.779126848 | 9.009224903 | −25.77327162 | 1.34E-94 | 6.14E-92 | 205.1451204 | Down-regulated |
| LCP1 | −1.660685603 | 9.16537393 | −25.76216762 | 1.52E-94 | 6.80E-92 | 205.0206704 | Down-regulated |
| C1QA | −1.923839689 | 10.81714319 | −25.72310251 | 2.36E-94 | 1.03E-91 | 204.5827852 | Down-regulated |
| CD33 | −1.808110117 | 6.163666342 | −25.67597144 | 4.02E-94 | 1.72E-91 | 204.0543719 | Down-regulated |
| LGALS9 | −1.690314008 | 9.416443385 | −25.62985104 | 6.76E-94 | 2.83E-91 | 203.5371682 | Down-regulated |
| BTK | −1.762163813 | 7.014299027 | −25.57442496 | 1.26E-93 | 5.18E-91 | 202.9154519 | Down-regulated |
| LY86 | −1.839073152 | 7.837480934 | −25.46972108 | 4.10E-93 | 1.65E-90 | 201.7405255 | Down-regulated |
| STXBP2 | −1.511574319 | 7.612312451 | −25.4652331 | 4.31E-93 | 1.70E-90 | 201.6901508 | Down-regulated |
| TNFAIP8L2 | −1.711518677 | 6.575894358 | −25.42699904 | 6.64E-93 | 2.57E-90 | 201.2609542 | Down-regulated |
| HLA-DMA | −1.949387549 | 8.995478988 | −25.37295503 | 1.22E-92 | 4.64E-90 | 200.6541514 | Down-regulated |
| IL10RA | −1.78981751 | 8.141790467 | −25.36236423 | 1.37E-92 | 5.13E-90 | 200.5352207 | Down-regulated |
| PLEK | −1.816877043 | 7.831200389 | −25.320817 | 2.20E-92 | 8.05E-90 | 200.068605 | Down-regulated |
| GMFG | −1.381574708 | 7.386330545 | −25.28126243 | 3.43E-92 | 1.24E-89 | 199.6242865 | Down-regulated |
| ABI3 | −1.754577821 | 7.771072957 | −25.2703457 | 3.88E-92 | 1.37E-89 | 199.5016444 | Down-regulated |
| WAS | −1.454812062 | 7.794179183 | −25.25316898 | 4.71E-92 | 1.64E-89 | 199.3086633 | Down-regulated |
| SLC15A3 | −1.597486381 | 8.364077432 | −25.22803872 | 6.25E-92 | 2.14E-89 | 199.0262972 | Down-regulated |
| LILRB4 | −1.993848638 | 8.717290856 | −25.22547782 | 6.43E-92 | 2.17E-89 | 198.9975209 | Down-regulated |
| IL12RB1 | −1.837113619 | 4.710614397 | −25.20098941 | 8.48E-92 | 2.81E-89 | 198.7223334 | Down-regulated |
| LILRB1 | −2.018009339 | 6.846803502 | −25.18767545 | 9.86E-92 | 3.21E-89 | 198.5727058 | Down-regulated |
| C3AR1 | −1.960359533 | 8.712756809 | −25.13461174 | 1.79E-91 | 5.75E-89 | 197.9762686 | Down-regulated |
| GNGT2 | −1.546116342 | 4.305079961 | −25.06154694 | 4.09E-91 | 1.29E-88 | 197.1547964 | Down-regulated |
| SIGLEC9 | −2.067472763 | 5.55466323 | −24.9287792 | 1.83E-90 | 5.70E-88 | 195.6614398 | Down-regulated |
| CMTM7 | −1.666963424 | 6.510535798 | −24.91448393 | 2.15E-90 | 6.59E-88 | 195.5006002 | Down-regulated |
| PARVG | −1.78037393 | 7.850418482 | −24.86120718 | 3.93E-90 | 1.19E-87 | 194.9010898 | Down-regulated |
| CYBB | −2.061742023 | 9.583664397 | −24.83517301 | 5.27E-90 | 1.57E-87 | 194.6080881 | Down-regulated |
| LAT2 | −1.763832685 | 8.231191051 | −24.73893441 | 1.56E-89 | 4.59E-87 | 193.524716 | Down-regulated |
| KCNQ1 | −1.641531907 | 6.958823541 | −24.70272202 | 2.35E-89 | 6.81E-87 | 193.1169664 | Down-regulated |
| TRIM38 | −1.377401167 | 6.546591245 | −24.65377757 | 4.09E-89 | 1.17E-86 | 192.5657683 | Down-regulated |
| IKZF1 | −1.750704669 | 7.512004086 | −24.63543496 | 5.04E-89 | 1.42E-86 | 192.359174 | Down-regulated |
| RBM47 | −1.896992607 | 6.648707198 | −24.55991081 | 1.18E-88 | 3.28E-86 | 191.5083982 | Down-regulated |
| IL18 | −1.930266148 | 7.076433463 | −24.49817766 | 2.38E-88 | 6.51E-86 | 190.8128118 | Down-regulated |
| RIPK3 | −1.591021012 | 4.758548638 | −24.48449827 | 2.78E-88 | 7.50E-86 | 190.6586578 | Down-regulated |
| GBGT1 | −1.42801751 | 6.360925875 | −24.44742565 | 4.22E-88 | 1.13E-85 | 190.2408485 | Down-regulated |
| C17orf60 | −1.892938132 | 4.253635214 | −24.41284212 | 6.24E-88 | 1.64E-85 | 189.8510453 | Down-regulated |
| TMEM106A | −1.702035798 | 5.72759572 | −24.3157572 | 1.87E-87 | 4.87E-85 | 188.7565364 | Down-regulated |
| DAPP1 | −1.989998833 | 4.306690467 | −24.30458499 | 2.13E-87 | 5.45E-85 | 188.6305626 | Down-regulated |
| DEF6 | −1.697062646 | 7.226830545 | −24.19897594 | 7.02E-87 | 1.78E-84 | 187.4395437 | Down-regulated |
| RASAL3 | −1.789968872 | 6.707886381 | −24.17328023 | 9.40E-87 | 2.35E-84 | 187.1497013 | Down-regulated |
| WDFY4 | −1.929956031 | 7.481168288 | −24.14548912 | 1.29E-86 | 3.18E-84 | 186.8361993 | Down-regulated |
| CYTH4 | −1.689505447 | 7.993530934 | −24.12688146 | 1.59E-86 | 3.88E-84 | 186.6262789 | Down-regulated |
| PLCG2 | −1.454271595 | 7.377277432 | −24.06646503 | 3.15E-86 | 7.61E-84 | 185.9446229 | Down-regulated |
| ARHGAP15 | −2.082013619 | 4.9460107 | −24.03782186 | 4.36E-86 | 1.04E-83 | 185.6214139 | Down-regulated |
| RCSD1 | −1.233649805 | 8.422211284 | −23.98592194 | 7.84E-86 | 1.85E-83 | 185.0357142 | Down-regulated |
| RNASET2 | −1.45631323 | 10.01072043 | −23.9708362 | 9.30E-86 | 2.17E-83 | 184.8654543 | Down-regulated |
| LRRC25 | −1.818853307 | 6.314906031 | −23.91584556 | 1.73E-85 | 4.00E-83 | 184.2447672 | Down-regulated |
| DENND1C | −1.640499611 | 6.090721401 | −23.90600853 | 1.94E-85 | 4.42E-83 | 184.1337264 | Down-regulated |
| SIPA1 | −1.244426848 | 9.269976848 | −23.88859285 | 2.36E-85 | 5.33E-83 | 183.9371311 | Down-regulated |
| RAC2 | −1.804908171 | 6.430072763 | −23.86718164 | 3.01E-85 | 6.72E-83 | 183.6954212 | Down-regulated |
| INPP5D | −1.445082101 | 9.435746887 | −23.81406971 | 5.49E-85 | 1.21E-82 | 183.0957918 | Down-regulated |
| PYCARD | −1.682789883 | 6.918056031 | −23.79267963 | 7.00E-85 | 1.53E-82 | 182.8542791 | Down-regulated |
| CTSC | −1.603046693 | 9.017774319 | −23.75158534 | 1.12E-84 | 2.39E-82 | 182.3902562 | Down-regulated |
| CSF2RB | −1.786183658 | 5.699382879 | −23.70371699 | 1.92E-84 | 4.06E-82 | 181.8496909 | Down-regulated |
| LST1 | −1.599096109 | 7.282104086 | −23.67029406 | 2.80E-84 | 5.87E-82 | 181.4722221 | Down-regulated |
| CD14 | −2.022680934 | 9.936746693 | −23.58773801 | 7.15E-84 | 1.48E-81 | 180.5397504 | Down-regulated |
| CD37 | −1.905157977 | 8.247947471 | −23.57606898 | 8.16E-84 | 1.67E-81 | 180.4079366 | Down-regulated |
| C1orf162 | −1.831708949 | 7.11771323 | −23.54929014 | 1.11E-83 | 2.25E-81 | 180.105431 | Down-regulated |
| TRAF3IP3 | −1.954035019 | 5.019989105 | −23.51811164 | 1.57E-83 | 3.17E-81 | 179.7532065 | Down-regulated |
| ALOX5 | −1.917809728 | 7.436774125 | −23.49403114 | 2.07E-83 | 4.12E-81 | 179.4811551 | Down-regulated |
| CCR1 | −1.894962646 | 7.38964358 | −23.49129502 | 2.13E-83 | 4.21E-81 | 179.4502428 | Down-regulated |
| AOAH | −1.623749027 | 7.179449222 | −23.42479988 | 4.53E-83 | 8.86E-81 | 178.6989473 | Down-regulated |
| HCST | −1.815064202 | 6.195749222 | −23.39143782 | 6.62E-83 | 1.28E-80 | 178.3219755 | Down-regulated |
| ITGAL | −2.095617899 | 6.830000778 | −23.3747452 | 8.00E-83 | 1.53E-80 | 178.1333513 | Down-regulated |
| RGS10 | −1.639649416 | 8.72184572 | −23.34903574 | 1.07E-82 | 2.04E-80 | 177.8428291 | Down-regulated |
| EVI2B | −1.800112451 | 7.924688911 | −23.28831202 | 2.13E-82 | 4.02E-80 | 177.1565953 | Down-regulated |
| TLR7 | −2.037859533 | 7.264501751 | −23.26493634 | 2.78E-82 | 5.19E-80 | 176.8924135 | Down-regulated |
| CYTIP | −1.818515175 | 5.25096537 | −23.23884348 | 3.74E-82 | 6.91E-80 | 176.5975137 | Down-regulated |
| GPR65 | −2.36108249 | 4.99876537 | −23.21350828 | 4.98E-82 | 9.13E-80 | 176.3111675 | Down-regulated |
| BIN2 | −1.604728405 | 7.305342412 | −23.1965205 | 6.04E-82 | 1.10E-79 | 176.1191614 | Down-regulated |
| C10orf11 | −1.758556031 | 4.171269455 | −23.17422284 | 7.78E-82 | 1.40E-79 | 175.8671341 | Down-regulated |
| TLR2 | −2.132816732 | 7.694435992 | −23.15935251 | 9.21E-82 | 1.64E-79 | 175.6990532 | Down-regulated |
| ARHGAP9 | −1.541008949 | 6.740989689 | −23.11657587 | 1.50E-81 | 2.65E-79 | 175.2155292 | Down-regulated |
| RHOH | −1.837475486 | 4.054843969 | −23.1137176 | 1.54E-81 | 2.71E-79 | 175.1832201 | Down-regulated |
| TFEC | −1.780328016 | 6.27216751 | −23.05562594 | 2.99E-81 | 5.20E-79 | 174.5265472 | Down-regulated |
| RHBDF2 | −1.673699611 | 8.93757393 | −23.0427349 | 3.46E-81 | 5.96E-79 | 174.3808209 | Down-regulated |
| IRF5 | −1.520377043 | 7.705214591 | −23.03283774 | 3.87E-81 | 6.62E-79 | 174.2689376 | Down-regulated |
| EBI3 | −1.609744358 | 6.42160642 | −22.95012556 | 9.89E-81 | 1.68E-78 | 173.3338745 | Down-regulated |
| CSF3R | −1.712768093 | 8.047220623 | −22.94741475 | 1.02E-80 | 1.72E-78 | 173.3032277 | Down-regulated |
| MS4A7 | −1.815833074 | 8.583809533 | −22.94098394 | 1.10E-80 | 1.83E-78 | 173.2305246 | Down-regulated |
| ARHGAP25 | −1.320664591 | 7.553079377 | −22.93709473 | 1.15E-80 | 1.90E-78 | 173.1865552 | Down-regulated |
| C19orf38 | −1.45617393 | 5.256521206 | −22.9359496 | 1.16E-80 | 1.91E-78 | 173.173609 | Down-regulated |
| CD74 | −2.16761284 | 13.38341576 | −22.90014038 | 1.74E-80 | 2.84E-78 | 172.7687627 | Down-regulated |
| S100A11 | −1.83355214 | 8.921300973 | −22.77058267 | 7.58E-80 | 1.23E-77 | 171.3039595 | Down-regulated |
| SERPINA1 | −2.261701167 | 7.877307393 | −22.73177468 | 1.18E-79 | 1.89E-77 | 170.8651727 | Down-regulated |
| PTPRC | −1.925319844 | 8.13334786 | −22.63608264 | 3.49E-79 | 5.55E-77 | 169.7831998 | Down-regulated |
| GPR132 | −1.709148249 | 5.263027043 | −22.59789601 | 5.38E-79 | 8.50E-77 | 169.3514257 | Down-regulated |
| APBB1IP | −1.869509339 | 8.767113424 | −22.57548996 | 6.94E-79 | 1.09E-76 | 169.0980812 | Down-regulated |
| SPN | −1.708603891 | 5.90901284 | −22.56947945 | 7.43E-79 | 1.16E-76 | 169.0301204 | Down-regulated |
| PIK3AP1 | −1.470075097 | 8.077759339 | −22.54966633 | 9.30E-79 | 1.44E-76 | 168.8060941 | Down-regulated |
| FBP1 | −1.788593385 | 5.651397082 | −22.50646927 | 1.52E-78 | 2.31E-76 | 168.3176671 | Down-regulated |
| PILRA | −1.295320623 | 6.970638911 | −22.46493798 | 2.43E-78 | 3.67E-76 | 167.8480774 | Down-regulated |
| TMC8 | −1.541406226 | 7.179823735 | −22.43248213 | 3.52E-78 | 5.27E-76 | 167.4811054 | Down-regulated |
| MNDA | −1.687518288 | 7.247696498 | −22.42884304 | 3.66E-78 | 5.45E-76 | 167.4399591 | Down-regulated |
| FCGR1A | −2.033712451 | 7.741512646 | −22.38835157 | 5.80E-78 | 8.57E-76 | 166.9821351 | Down-regulated |
| UCP2 | −1.68586537 | 9.151438911 | −22.31322324 | 1.36E-77 | 1.98E-75 | 166.1327025 | Down-regulated |
| NFAM1 | −1.510707004 | 7.195589689 | −22.31307587 | 1.36E-77 | 1.98E-75 | 166.1310363 | Down-regulated |
| CTSZ | −1.330982101 | 10.11766459 | −22.28404996 | 1.89E-77 | 2.74E-75 | 165.8028654 | Down-regulated |
| TREM2 | −1.985812062 | 9.373477237 | −22.22285873 | 3.79E-77 | 5.45E-75 | 165.1110477 | Down-regulated |
| HMHA1 | −1.115231128 | 9.08797393 | −22.21680695 | 4.06E-77 | 5.79E-75 | 165.0426289 | Down-regulated |
| SAMSN1 | −1.814495331 | 7.357860506 | −22.18175848 | 6.05E-77 | 8.56E-75 | 164.6463917 | Down-regulated |
| FYB | −1.754591829 | 8.424921595 | −22.17616138 | 6.45E-77 | 9.06E-75 | 164.5831153 | Down-regulated |
| C17orf87 | −1.783664591 | 3.772924514 | −22.17123195 | 6.82E-77 | 9.52E-75 | 164.5273871 | Down-regulated |
| ITGAM | −1.780816342 | 7.982140467 | −22.15729413 | 7.98E-77 | 1.11E-74 | 164.3698188 | Down-regulated |
| CXorf21 | −1.833321012 | 4.8080107 | −22.13434223 | 1.04E-76 | 1.42E-74 | 164.1103495 | Down-regulated |
| RGS19 | −1.050963035 | 8.098653891 | −22.13401356 | 1.04E-76 | 1.42E-74 | 164.1066339 | Down-regulated |
| LCP2 | −1.427207782 | 7.82983035 | −22.12005763 | 1.22E-76 | 1.66E-74 | 163.9488658 | Down-regulated |
| CCRL2 | −1.353976654 | 5.243291829 | −22.11765877 | 1.25E-76 | 1.69E-74 | 163.9217477 | Down-regulated |
| ADORA3 | −1.756909728 | 9.171311673 | −22.09249692 | 1.67E-76 | 2.23E-74 | 163.6373054 | Down-regulated |
| C16orf54 | −1.593410506 | 3.852960506 | −22.07389976 | 2.06E-76 | 2.74E-74 | 163.4270783 | Down-regulated |
| CSF1R | −1.794773152 | 11.44659514 | −22.05507651 | 2.55E-76 | 3.37E-74 | 163.2142995 | Down-regulated |
| MSR1 | −2.175294553 | 7.668923152 | −22.04908542 | 2.73E-76 | 3.59E-74 | 163.1465768 | Down-regulated |
| NLRC4 | −1.392547082 | 5.169462646 | −22.0336186 | 3.25E-76 | 4.25E-74 | 162.9717435 | Down-regulated |
| LILRB2 | −1.885877432 | 4.905379961 | −22.02784885 | 3.47E-76 | 4.51E-74 | 162.9065243 | Down-regulated |
| TLR1 | −1.698633463 | 6.478142023 | −21.99500104 | 5.03E-76 | 6.50E-74 | 162.5352326 | Down-regulated |
| LY96 | −1.688520233 | 5.538815759 | −21.99224979 | 5.19E-76 | 6.66E-74 | 162.5041348 | Down-regulated |
| STAC3 | −1.392600778 | 5.764887938 | −21.95925106 | 7.55E-76 | 9.63E-74 | 162.1311531 | Down-regulated |
| GPR160 | −1.411330739 | 5.183026459 | −21.95727234 | 7.72E-76 | 9.79E-74 | 162.1087882 | Down-regulated |
| FAM113B | −1.574614397 | 5.870391634 | −21.95187548 | 8.21E-76 | 1.03E-73 | 162.0477896 | Down-regulated |
| RPS6KA1 | −1.490116732 | 8.601215564 | −21.84407381 | 2.79E-75 | 3.49E-73 | 160.8294418 | Down-regulated |
| NCF1 | −1.967085603 | 5.587388716 | −21.82512273 | 3.46E-75 | 4.30E-73 | 160.6152809 | Down-regulated |
| LOC100233209 | −2.084607782 | 3.998808171 | −21.80361295 | 4.41E-75 | 5.46E-73 | 160.3722127 | Down-regulated |
| CLEC7A | −1.966905837 | 6.307821012 | −21.78538513 | 5.43E-75 | 6.67E-73 | 160.1662381 | Down-regulated |
| IGSF6 | −1.670415953 | 6.402165175 | −21.78442395 | 5.49E-75 | 6.70E-73 | 160.155377 | Down-regulated |
| OSCAR | −1.517822179 | 5.784479572 | −21.74753438 | 8.34E-75 | 1.01E-72 | 159.7385441 | Down-regulated |
| FPR1 | −2.285033852 | 7.733139883 | −21.74659819 | 8.42E-75 | 1.02E-72 | 159.7279661 | Down-regulated |
| SLC16A3 | −1.57967393 | 7.89060428 | −21.72915867 | 1.03E-74 | 1.23E-72 | 159.5309181 | Down-regulated |
| FCGRT | −1.071666926 | 10.87113502 | −21.7253003 | 1.07E-74 | 1.28E-72 | 159.4873234 | Down-regulated |
| UNC93B1 | −1.521102724 | 8.102664591 | −21.7182129 | 1.16E-74 | 1.38E-72 | 159.4072457 | Down-regulated |
| GIMAP4 | −1.281170817 | 8.532187743 | −21.70135686 | 1.41E-74 | 1.66E-72 | 159.2167999 | Down-regulated |
| VSIG4 | −2.024784825 | 9.661884241 | −21.6844822 | 1.70E-74 | 2.00E-72 | 159.0261496 | Down-regulated |
| SP140 | −1.420777432 | 4.777775486 | −21.66689346 | 2.08E-74 | 2.43E-72 | 158.8274379 | Down-regulated |
| SPINT1 | −1.647928016 | 4.480396304 | −21.65714623 | 2.32E-74 | 2.69E-72 | 158.7173198 | Down-regulated |
| C5AR1 | −2.011494163 | 6.789136187 | −21.54511155 | 8.27E-74 | 9.54E-72 | 157.4517764 | Down-regulated |
| CCR5 | −2.209620623 | 5.00095428 | −21.52999001 | 9.82E-74 | 1.13E-71 | 157.2809862 | Down-regulated |
| CARD9 | −1.637137354 | 6.092502529 | −21.5264821 | 1.02E-73 | 1.17E-71 | 157.2413669 | Down-regulated |
| SLC1A5 | −1.66870856 | 8.12044572 | −21.47181168 | 1.90E-73 | 2.15E-71 | 156.6239455 | Down-regulated |
| LILRA2 | −1.848173152 | 6.232047276 | −21.46782157 | 1.99E-73 | 2.24E-71 | 156.5788862 | Down-regulated |
| FCGR1C | −1.94855642 | 6.321206615 | −21.45616402 | 2.27E-73 | 2.54E-71 | 156.4472428 | Down-regulated |
| C3 | −2.246437743 | 12.67338268 | −21.44567877 | 2.55E-73 | 2.85E-71 | 156.3288406 | Down-regulated |
| B4GALT1 | −1.104418288 | 8.710800973 | −21.40934919 | 3.85E-73 | 4.28E-71 | 155.9186209 | Down-regulated |
| TLR5 | −1.680436965 | 6.157481518 | −21.39714315 | 4.43E-73 | 4.89E-71 | 155.7808033 | Down-regulated |
| SLC37A2 | −1.703023735 | 7.253871012 | −21.39417758 | 4.58E-73 | 5.03E-71 | 155.7473199 | Down-regulated |
| SP100 | −1.461809728 | 8.177205253 | −21.3934788 | 4.61E-73 | 5.04E-71 | 155.7394302 | Down-regulated |
| SIGLEC10 | −1.633331518 | 8.531580156 | −21.38979439 | 4.81E-73 | 5.23E-71 | 155.697831 | Down-regulated |
| SQRDL | −1.365082879 | 7.278953502 | −21.37634768 | 5.60E-73 | 6.05E-71 | 155.5460127 | Down-regulated |
| FCGR1B | −1.860766537 | 7.886991051 | −21.37082749 | 5.96E-73 | 6.41E-71 | 155.4836892 | Down-regulated |
| TNFSF8 | −1.88791323 | 4.412620039 | −21.36566542 | 6.32E-73 | 6.76E-71 | 155.4254097 | Down-regulated |
| DOK3 | −1.385959922 | 6.809773735 | −21.3627816 | 6.53E-73 | 6.95E-71 | 155.392852 | Down-regulated |
| DOCK8 | −1.707516342 | 8.591828599 | −21.31725065 | 1.09E-72 | 1.16E-70 | 154.8788483 | Down-regulated |
| IL13RA1 | −1.368617121 | 9.968542802 | −21.30250185 | 1.29E-72 | 1.36E-70 | 154.712361 | Down-regulated |
| TLR8 | −2.088838911 | 4.237238911 | −21.27005312 | 1.87E-72 | 1.96E-70 | 154.3460972 | Down-regulated |
| SIRPB2 | −1.769403502 | 5.67108035 | −21.26042063 | 2.08E-72 | 2.17E-70 | 154.2373771 | Down-regulated |
| FXYD5 | −1.434114008 | 8.215245331 | −21.20915328 | 3.72E-72 | 3.86E-70 | 153.6587831 | Down-regulated |
| LYN | −1.283766926 | 8.683374514 | −21.20258582 | 4.01E-72 | 4.14E-70 | 153.5846702 | Down-regulated |
| SLCO2B1 | −1.057892607 | 11.44481128 | −21.18329066 | 4.99E-72 | 5.12E-70 | 153.3669351 | Down-regulated |
| ALOX5AP | −2.111389494 | 7.927192412 | −21.0605423 | 2.00E-71 | 2.05E-69 | 151.9820934 | Down-regulated |
| CSF2RA | −1.75427821 | 7.953945331 | −21.0343453 | 2.70E-71 | 2.74E-69 | 151.686611 | Down-regulated |
| PTGS1 | −1.778837743 | 8.228035603 | −21.03288856 | 2.74E-71 | 2.77E-69 | 151.6701809 | Down-regulated |
| LPAR5 | −1.777032296 | 7.996203696 | −21.03180013 | 2.77E-71 | 2.79E-69 | 151.6579048 | Down-regulated |
| HPGDS | −1.812889105 | 6.303578794 | −21.01507918 | 3.35E-71 | 3.36E-69 | 151.4693204 | Down-regulated |
| KYNU | −2.028532296 | 3.956779377 | −20.96079739 | 6.20E-71 | 6.18E-69 | 150.8571869 | Down-regulated |
| CD7 | −1.760847082 | 3.64887179 | −20.95216563 | 6.83E-71 | 6.78E-69 | 150.7598577 | Down-regulated |
| ADPRH | −1.243601167 | 6.685814202 | −20.93625635 | 8.18E-71 | 8.08E-69 | 150.5804772 | Down-regulated |
| MAP4K1 | −1.526996498 | 5.555190856 | −20.92940314 | 8.84E-71 | 8.69E-69 | 150.5032088 | Down-regulated |
| IL16 | −1.294209339 | 7.450486381 | −20.87689147 | 1.60E-70 | 1.57E-68 | 149.9112169 | Down-regulated |
| ELF4 | −1.57036965 | 6.178803891 | −20.86909788 | 1.75E-70 | 1.70E-68 | 149.8233655 | Down-regulated |
| OLFML3 | −1.500928405 | 9.047906615 | −20.8605957 | 1.93E-70 | 1.87E-68 | 149.7275296 | Down-regulated |
| FGD2 | −1.556831907 | 7.508371595 | −20.85042582 | 2.16E-70 | 2.08E-68 | 149.6128996 | Down-regulated |
| RNASE2 | −2.413371595 | 4.303328599 | −20.74818112 | 6.87E-70 | 6.59E-68 | 148.4606985 | Down-regulated |
| FCGR3A | −2.210722957 | 9.543798444 | −20.7332504 | 8.13E-70 | 7.77E-68 | 148.2924829 | Down-regulated |
| ARHGAP4 | −1.330981712 | 8.609578405 | −20.7173061 | 9.74E-70 | 9.26E-68 | 148.1128592 | Down-regulated |
| HLA-DOA | −2.352303113 | 7.906090078 | −20.65889609 | 1.89E-69 | 1.78E-67 | 147.4549321 | Down-regulated |
| PLCB2 | −1.538454086 | 8.718214981 | −20.64269164 | 2.26E-69 | 2.13E-67 | 147.2724351 | Down-regulated |
| SCIN | −2.662367315 | 8.097657198 | −20.61591627 | 3.06E-69 | 2.87E-67 | 146.970915 | Down-regulated |
| HLA-DRA | −2.29946537 | 11.57061284 | −20.61321075 | 3.16E-69 | 2.95E-67 | 146.9404498 | Down-regulated |
| LHFPL2 | −1.205136965 | 9.620743969 | −20.61211527 | 3.20E-69 | 2.97E-67 | 146.9281144 | Down-regulated |
| IRF8 | −1.614612451 | 8.100400778 | −20.61060235 | 3.25E-69 | 3.01E-67 | 146.9110786 | Down-regulated |
| TGFB1 | −1.259771206 | 9.586516342 | −20.52849272 | 8.23E-69 | 7.58E-67 | 145.9866804 | Down-regulated |
| C1orf38 | −1.521078599 | 8.195333074 | −20.46565005 | 1.67E-68 | 1.53E-66 | 145.2794282 | Down-regulated |
| A2M | −1.107794942 | 13.43655545 | −20.45550702 | 1.88E-68 | 1.71E-66 | 145.1652951 | Down-regulated |
| NCF2 | −1.371250973 | 7.127438716 | −20.40943711 | 3.16E-68 | 2.87E-66 | 144.6469697 | Down-regulated |
| NCF1B | −1.659902335 | 4.013624319 | −20.39253888 | 3.82E-68 | 3.46E-66 | 144.4568799 | Down-regulated |
| APOB48R | −1.466197276 | 6.872610311 | −20.37841233 | 4.48E-68 | 4.04E-66 | 144.2979812 | Down-regulated |
| CASP4 | −1.560564981 | 6.333554086 | −20.37736162 | 4.54E-68 | 4.07E-66 | 144.2861629 | Down-regulated |
| IFI30 | −2.048149027 | 8.542764008 | −20.37545847 | 4.63E-68 | 4.14E-66 | 144.2647569 | Down-regulated |
| APOBEC3G | −1.612560311 | 6.015314008 | −20.35574275 | 5.79E-68 | 5.15E-66 | 144.0430122 | Down-regulated |
| ADAM28 | −1.773605447 | 7.344536576 | −20.33622 | 7.22E-68 | 6.39E-66 | 143.8234596 | Down-regulated |
| C9orf167 | −1.115631518 | 6.657727821 | −20.25806693 | 1.74E-67 | 1.52E-65 | 142.9447744 | Down-regulated |
| CEBPA | −1.585957588 | 8.730820428 | −20.22210647 | 2.62E-67 | 2.28E-65 | 142.5405888 | Down-regulated |
| MS4A4A | −1.887477821 | 7.084840856 | −20.20741509 | 3.09E-67 | 2.67E-65 | 142.3754844 | Down-regulated |
| LYL1 | −1.436991051 | 6.786700584 | −20.19534454 | 3.54E-67 | 3.05E-65 | 142.2398433 | Down-regulated |
| GYPC | −1.495913619 | 8.234000778 | −20.15432625 | 5.62E-67 | 4.83E-65 | 141.778974 | Down-regulated |
| NPC2 | −1.13657393 | 10.65082237 | −20.11509836 | 8.74E-67 | 7.48E-65 | 141.3383205 | Down-regulated |
| GPR34 | −1.690609728 | 9.07206751 | −20.11064512 | 9.19E-67 | 7.83E-65 | 141.2883028 | Down-regulated |
| CIITA | −2.353177432 | 6.35311751 | −20.10928299 | 9.34E-67 | 7.92E-65 | 141.2730039 | Down-regulated |
| KLHL6 | −1.665938521 | 6.635964981 | −20.08307664 | 1.25E-66 | 1.06E-64 | 140.9786886 | Down-regulated |
| CARD11 | −1.475684436 | 7.005071401 | −20.05438824 | 1.73E-66 | 1.46E-64 | 140.6565497 | Down-regulated |
| CD180 | −1.745105058 | 5.798628405 | −20.03776175 | 2.09E-66 | 1.75E-64 | 140.4698775 | Down-regulated |
| SP140L | −1.459221401 | 6.218751556 | −19.98204292 | 3.92E-66 | 3.27E-64 | 139.8444359 | Down-regulated |
| MS4A6A | −2.310423346 | 8.11458716 | −19.96920306 | 4.53E-66 | 3.76E-64 | 139.7003389 | Down-regulated |
| SH3TC1 | −1.546840078 | 8.217141051 | −19.96093934 | 4.97E-66 | 4.11E-64 | 139.6076042 | Down-regulated |
| COL8A2 | −1.940801167 | 7.010175292 | −19.86479876 | 1.47E-65 | 1.21E-63 | 138.5290754 | Down-regulated |
| PRAM1 | −1.840578988 | 6.355935409 | −19.85911053 | 1.56E-65 | 1.28E-63 | 138.465284 | Down-regulated |
| GAPT | −2.196864202 | 4.248612646 | −19.83959406 | 1.95E-65 | 1.59E-63 | 138.2464321 | Down-regulated |
| HLA-E | −1.052942802 | 12.09714027 | −19.81610002 | 2.54E-65 | 2.07E-63 | 137.9830136 | Down-regulated |
| HMOX1 | −1.514874319 | 9.335266342 | −19.79159684 | 3.34E-65 | 2.71E-63 | 137.7083239 | Down-regulated |
| KCNE3 | −1.410626848 | 5.941891245 | −19.75008266 | 5.33E-65 | 4.31E-63 | 137.2430368 | Down-regulated |
| ATP8B4 | −1.518373152 | 6.680913035 | −19.73270959 | 6.48E-65 | 5.22E-63 | 137.0483595 | Down-regulated |
| RGS18 | −1.56015642 | 5.440974708 | −19.7024326 | 9.12E-65 | 7.31E-63 | 136.7091402 | Down-regulated |
| SIGLEC7 | −1.904083268 | 4.53169144 | −19.69178146 | 1.03E-64 | 8.21E-63 | 136.589823 | Down-regulated |
| LRRC33 | −1.476272374 | 7.037527626 | −19.6706609 | 1.30E-64 | 1.04E-62 | 136.3532505 | Down-regulated |
| CD300LF | −1.771931128 | 4.431408755 | −19.64673376 | 1.71E-64 | 1.35E-62 | 136.0852835 | Down-regulated |
| CEACAM21 | −1.582650584 | 4.246777043 | −19.6244172 | 2.19E-64 | 1.73E-62 | 135.8353946 | Down-regulated |
| LILRA1 | −1.859649805 | 4.283671206 | −19.61860923 | 2.34E-64 | 1.84E-62 | 135.7703666 | Down-regulated |
| RAB32 | −1.39061284 | 6.751564397 | −19.61769871 | 2.36E-64 | 1.85E-62 | 135.7601723 | Down-regulated |
| SERPINB1 | −1.257806226 | 7.612773152 | −19.57210642 | 3.94E-64 | 3.08E-62 | 135.2498028 | Down-regulated |
| NLRP3 | −1.546098833 | 7.056974319 | −19.54631415 | 5.27E-64 | 4.10E-62 | 134.9611536 | Down-regulated |
| PTPN7 | −2.21486965 | 4.598369844 | −19.51472734 | 7.51E-64 | 5.82E-62 | 134.6077305 | Down-regulated |
| FTL | −1.146161479 | 14.46228113 | −19.49412063 | 9.47E-64 | 7.31E-62 | 134.3772079 | Down-regulated |
| LGALS9C | −1.511326459 | 3.451848833 | −19.45035812 | 1.55E-63 | 1.19E-61 | 133.8877651 | Down-regulated |
| SLA | −1.570533074 | 8.677521401 | −19.38591755 | 3.19E-63 | 2.44E-61 | 133.1673562 | Down-regulated |
| NCF1C | −1.906288716 | 3.809103502 | −19.38412789 | 3.26E-63 | 2.48E-61 | 133.147354 | Down-regulated |
| RNASE3 | −1.912301167 | 2.662960311 | −19.37571716 | 3.58E-63 | 2.72E-61 | 133.0533548 | Down-regulated |
| RUNX2 | −1.389059144 | 6.065414008 | −19.35195098 | 4.67E-63 | 3.54E-61 | 132.7877749 | Down-regulated |
| PDCD1LG2 | −2.080896109 | 4.492235214 | −19.30785726 | 7.66E-63 | 5.76E-61 | 132.2951742 | Down-regulated |
| HLA-DPB1 | −2.155058755 | 9.794058171 | −19.28834153 | 9.53E-63 | 7.14E-61 | 132.0772065 | Down-regulated |
| GBP2 | −2.239942802 | 8.815678016 | −19.20885699 | 2.32E-62 | 1.73E-60 | 131.1898176 | Down-regulated |
| GPR183 | −1.870152529 | 6.302343969 | −19.16701217 | 3.71E-62 | 2.75E-60 | 130.7228858 | Down-regulated |
| C2 | −1.838602724 | 7.564594358 | −19.13794836 | 5.14E-62 | 3.80E-60 | 130.3986704 | Down-regulated |
| KCNK13 | −1.532589494 | 5.340368677 | −19.11255079 | 6.83E-62 | 5.03E-60 | 130.1154192 | Down-regulated |
| TYMP | −2.184597665 | 6.950919066 | −19.02886576 | 1.74E-61 | 1.27E-59 | 129.1825506 | Down-regulated |
| PLXDC2 | −1.5245 | 8.146566342 | −19.023215 | 1.86E-61 | 1.35E-59 | 129.1195844 | Down-regulated |
| SLC11A1 | −2.249373152 | 7.680032879 | −19.01584306 | 2.02E-61 | 1.46E-59 | 129.0374438 | Down-regulated |
| GNA15 | −1.372752529 | 6.466647471 | −18.94251696 | 4.58E-61 | 3.31E-59 | 128.2207189 | Down-regulated |
| BATF | −1.883303891 | 2.956913813 | −18.91137205 | 6.48E-61 | 4.67E-59 | 127.8739849 | Down-regulated |
| PTPLAD2 | −1.416147471 | 6.210090856 | −18.90627092 | 6.86E-61 | 4.93E-59 | 127.8172039 | Down-regulated |
| STAT5A | −1.303816732 | 8.206332879 | −18.9008362 | 7.29E-61 | 5.22E-59 | 127.7567128 | Down-regulated |
| TMEM149 | −1.155628794 | 6.972299611 | −18.89059966 | 8.18E-61 | 5.83E-59 | 127.6427833 | Down-regulated |
| GAB3 | −1.12800856 | 6.686728016 | −18.88562141 | 8.64E-61 | 6.14E-59 | 127.5873808 | Down-regulated |
| CECR1 | −1.355542023 | 8.925978405 | −18.88317269 | 8.88E-61 | 6.29E-59 | 127.5601302 | Down-regulated |
| CXCL16 | −1.033018288 | 10.11939397 | −18.87799339 | 9.41E-61 | 6.64E-59 | 127.5024943 | Down-regulated |
| SIGLEC5 | −1.558047082 | 4.982119261 | −18.86095057 | 1.14E-60 | 8.00E-59 | 127.3128598 | Down-regulated |
| HLA-DRB1 | −2.203883268 | 9.925681712 | −18.8471866 | 1.33E-60 | 9.30E-59 | 127.1597312 | Down-regulated |
| SLC2A5 | −1.75489572 | 9.285236576 | −18.78817554 | 2.57E-60 | 1.79E-58 | 126.5034424 | Down-regulated |
| LPAR6 | −1.271450584 | 8.241164591 | −18.72393988 | 5.25E-60 | 3.63E-58 | 125.7894761 | Down-regulated |
| CLEC4A | −1.013198054 | 4.986293969 | −18.70170387 | 6.73E-60 | 4.64E-58 | 125.5424327 | Down-regulated |
| DENND2D | −1.810659144 | 4.989412062 | −18.69473304 | 7.28E-60 | 5.00E-58 | 125.4649978 | Down-regulated |
| HLA-DPA1 | −2.100811284 | 10.55643016 | −18.62339291 | 1.61E-59 | 1.10E-57 | 124.6728333 | Down-regulated |
| HHEX | −1.230652918 | 6.136409339 | −18.56797783 | 2.99E-59 | 2.03E-57 | 124.0579003 | Down-regulated |
| CD84 | −1.890153696 | 6.271261673 | −18.55884332 | 3.31E-59 | 2.23E-57 | 123.9565701 | Down-regulated |
| TLR6 | −1.585771206 | 4.48488716 | −18.49204766 | 6.96E-59 | 4.69E-57 | 123.2158931 | Down-regulated |
| CDCP1 | −1.597444747 | 5.571468288 | −18.47990467 | 7.97E-59 | 5.35E-57 | 123.0812997 | Down-regulated |
| BLNK | −1.879487938 | 6.369848638 | −18.42666672 | 1.44E-58 | 9.63E-57 | 122.4914158 | Down-regulated |
| C10orf125 | −1.41544358 | 5.344803113 | −18.41976467 | 1.56E-58 | 1.04E-56 | 122.4149651 | Down-regulated |
| SLC16A5 | −1.211923346 | 3.744385409 | −18.41342426 | 1.67E-58 | 1.11E-56 | 122.3447406 | Down-regulated |
| PTAFR | −1.889743969 | 6.273364981 | −18.39080378 | 2.15E-58 | 1.42E-56 | 122.0942423 | Down-regulated |
| GPR84 | −1.861594942 | 3.785671401 | −18.37425589 | 2.58E-58 | 1.70E-56 | 121.9110313 | Down-regulated |
| CYP2S1 | −1.308756809 | 4.465766732 | −18.36586876 | 2.83E-58 | 1.86E-56 | 121.8181855 | Down-regulated |
| CARD16 | −1.943765759 | 4.777931518 | −18.29575621 | 6.17E-58 | 4.04E-56 | 121.0423783 | Down-regulated |
| HAAO | −1.318540856 | 5.148305058 | −18.14696909 | 3.22E-57 | 2.08E-55 | 119.3980876 | Down-regulated |
| TMEM173 | −1.089324125 | 7.602728988 | −18.13015538 | 3.88E-57 | 2.49E-55 | 119.2124548 | Down-regulated |
| SPNS3 | −1.741655253 | 4.329855642 | −18.01923372 | 1.32E-56 | 8.47E-55 | 117.9887611 | Down-regulated |
| PLBD1 | −1.706163813 | 5.209174514 | −18.01244122 | 1.43E-56 | 9.09E-55 | 117.9138799 | Down-regulated |
| APOBEC3C | −1.471370039 | 6.039216148 | −18.01230501 | 1.43E-56 | 9.09E-55 | 117.9123783 | Down-regulated |
| FAM177B | −1.653537743 | 2.188593385 | −18.01181893 | 1.44E-56 | 9.11E-55 | 117.90702 | Down-regulated |
| FAM26F | −1.759780934 | 4.630526265 | −17.9698596 | 2.29E-56 | 1.44E-54 | 117.4445991 | Down-regulated |
| SUSD3 | −1.72325642 | 6.157875681 | −17.92286296 | 3.85E-56 | 2.42E-54 | 116.9269523 | Down-regulated |
| RUNX1 | −1.786275097 | 7.587929767 | −17.82729845 | 1.11E-55 | 6.92E-54 | 115.8753096 | Down-regulated |
| LTBR | −1.106288327 | 7.708065953 | −17.77496136 | 1.97E-55 | 1.23E-53 | 115.2999181 | Down-regulated |
| IL15RA | −1.171238521 | 5.091260117 | −17.76192294 | 2.28E-55 | 1.41E-53 | 115.1566363 | Down-regulated |
| ASGR2 | −1.500760311 | 2.511846693 | −17.71627395 | 3.76E-55 | 2.32E-53 | 114.6551864 | Down-regulated |
| CLIC1 | −1.416447471 | 9.449964202 | −17.70528144 | 4.25E-55 | 2.61E-53 | 114.5344806 | Down-regulated |
| PIK3CG | −1.762307393 | 5.187982879 | −17.68316188 | 5.42E-55 | 3.32E-53 | 114.2916461 | Down-regulated |
| FES | −1.087135798 | 7.152874903 | −17.64118782 | 8.61E-55 | 5.26E-53 | 113.8310448 | Down-regulated |
| PIK3R6 | −1.433162646 | 4.677777043 | −17.63975301 | 8.75E-55 | 5.33E-53 | 113.8153046 | Down-regulated |
| SELPLG | −1.472012062 | 9.584881128 | −17.61013483 | 1.21E-54 | 7.36E-53 | 113.4904565 | Down-regulated |
| LEPREL1 | −1.653889883 | 6.664527821 | −17.60505194 | 1.28E-54 | 7.77E-53 | 113.4347215 | Down-regulated |
| TMEM119 | −1.922615175 | 8.819997082 | −17.58964216 | 1.52E-54 | 9.17E-53 | 113.2657738 | Down-regulated |
| GIMAP2 | −1.16366965 | 6.703253502 | −17.58132722 | 1.66E-54 | 1.00E-52 | 113.1746267 | Down-regulated |
| FGL2 | −1.607349805 | 7.839432879 | −17.54633348 | 2.45E-54 | 1.47E-52 | 112.791147 | Down-regulated |
| UBA7 | −1.089038132 | 8.897058366 | −17.53475241 | 2.78E-54 | 1.66E-52 | 112.6642773 | Down-regulated |
| LILRB3 | −1.859338911 | 3.968152335 | −17.517897 | 3.35E-54 | 1.99E-52 | 112.4796647 | Down-regulated |
| PLB1 | −1.308792218 | 6.051967315 | −17.50110031 | 4.02E-54 | 2.39E-52 | 112.2957393 | Down-regulated |
| STX11 | −1.404393774 | 5.2211393 | −17.49235793 | 4.43E-54 | 2.62E-52 | 112.200027 | Down-regulated |
| CCDC88B | −1.027029961 | 8.322450389 | −17.47096794 | 5.60E-54 | 3.31E-52 | 111.9658979 | Down-regulated |
| TCIRG1 | −1.227287549 | 7.898220039 | −17.46639266 | 5.89E-54 | 3.46E-52 | 111.9158274 | Down-regulated |
| C12orf59 | −1.663193385 | 5.100171401 | −17.46377455 | 6.07E-54 | 3.54E-52 | 111.8871771 | Down-regulated |
| ANKRD58 | −1.453562257 | 3.882278016 | −17.43541494 | 8.28E-54 | 4.80E-52 | 111.5769042 | Down-regulated |
| SIGLEC8 | −1.693325292 | 8.492387549 | −17.41026494 | 1.09E-53 | 6.31E-52 | 111.3018536 | Down-regulated |
| TMEM156 | −1.635070039 | 5.402571206 | −17.37725306 | 1.57E-53 | 9.02E-52 | 110.9409762 | Down-regulated |
| CORO1A | −1.047371984 | 10.05673541 | −17.33285251 | 2.55E-53 | 1.46E-51 | 110.4558788 | Down-regulated |
| RNF135 | −1.242797665 | 7.14485642 | −17.31536952 | 3.09E-53 | 1.76E-51 | 110.264957 | Down-regulated |
| LPCAT2 | −1.583992996 | 8.362701167 | −17.30703335 | 3.39E-53 | 1.92E-51 | 110.17394 | Down-regulated |
| TNFSF12-TNFSF13 | −3.155907782 | 4.16557179 | −17.3061452 | 3.42E-53 | 1.94E-51 | 110.1642435 | Down-regulated |
| IL10 | −1.674690272 | 2.445369261 | −17.25605506 | 5.93E-53 | 3.34E-51 | 109.6175921 | Down-regulated |
| SIGLEC11 | −1.570953696 | 4.720832879 | −17.25287044 | 6.14E-53 | 3.45E-51 | 109.5828514 | Down-regulated |
| PLD4 | −1.788807393 | 8.537530545 | −17.21930838 | 8.86E-53 | 4.96E-51 | 109.2168282 | Down-regulated |
| ITGAX | −1.566466537 | 8.575762062 | −17.18336057 | 1.31E-52 | 7.31E-51 | 108.8249963 | Down-regulated |
| CSTA | −2.213749416 | 2.928615175 | −17.13076966 | 2.33E-52 | 1.29E-50 | 108.2521498 | Down-regulated |
| CASP8 | −1.214730739 | 6.244619844 | −17.12281764 | 2.55E-52 | 1.40E-50 | 108.1655735 | Down-regulated |
| S100A10 | −1.760058366 | 9.793245525 | −17.10152259 | 3.21E-52 | 1.76E-50 | 107.9337811 | Down-regulated |
| PDE6G | −1.191254864 | 2.373651167 | −17.07863838 | 4.13E-52 | 2.25E-50 | 107.6847785 | Down-regulated |
| STAB1 | −1.427584047 | 10.10104689 | −17.06449989 | 4.82E-52 | 2.62E-50 | 107.5309834 | Down-regulated |
| EMR1 | −2.439425292 | 2.819356615 | −17.01139348 | 8.60E-52 | 4.65E-50 | 106.9536171 | Down-regulated |
| CD69 | −2.097521401 | 4.35204358 | −16.98796349 | 1.11E-51 | 5.97E-50 | 106.6990474 | Down-regulated |
| TREML1 | −1.521942023 | 3.147072568 | −16.95077261 | 1.67E-51 | 8.93E-50 | 106.2951644 | Down-regulated |
| GIMAP1 | −1.007007393 | 6.755284241 | −16.9351673 | 1.98E-51 | 1.06E-49 | 106.1257686 | Down-regulated |
| CD40 | −1.082648638 | 6.134757393 | −16.92912817 | 2.11E-51 | 1.13E-49 | 106.0602256 | Down-regulated |
| SERTAD3 | −1.087779767 | 7.365807004 | −16.92549822 | 2.20E-51 | 1.17E-49 | 106.0208328 | Down-regulated |
| VENTX | −1.834408949 | 3.765058949 | −16.92382263 | 2.24E-51 | 1.19E-49 | 106.0026497 | Down-regulated |
| AGTRAP | −1.071945914 | 8.648904086 | −16.91301361 | 2.52E-51 | 1.33E-49 | 105.8853656 | Down-regulated |
| MFNG | −1.139328016 | 8.083903696 | −16.84649373 | 5.19E-51 | 2.74E-49 | 105.1640538 | Down-regulated |
| PTGER4 | −1.6021393 | 5.102264981 | −16.84115092 | 5.50E-51 | 2.90E-49 | 105.1061539 | Down-regulated |
| FCGBP | −2.5661 | 10.02687568 | −16.79291771 | 9.30E-51 | 4.87E-49 | 104.5836903 | Down-regulated |
| ST14 | −1.958657198 | 6.244716148 | −16.78544676 | 1.01E-50 | 5.27E-49 | 104.5028033 | Down-regulated |
| GBP5 | −2.182088716 | 4.144666148 | −16.76017675 | 1.33E-50 | 6.92E-49 | 104.2292856 | Down-regulated |
| RARRES3 | −1.359123346 | 9.015402529 | −16.75641305 | 1.38E-50 | 7.17E-49 | 104.1885583 | Down-regulated |
| C11orf45 | −1.262687938 | 4.746357588 | −16.75417347 | 1.42E-50 | 7.33E-49 | 104.1643248 | Down-regulated |
| IL2RG | −1.592842023 | 4.752066537 | −16.75204789 | 1.45E-50 | 7.48E-49 | 104.1413258 | Down-regulated |
| CD44 | −1.830608949 | 11.6111465 | −16.60379828 | 7.25E-50 | 3.72E-48 | 102.5393658 | Down-regulated |
| SYNGR2 | −1.082626848 | 9.654443385 | −16.59150825 | 8.28E-50 | 4.23E-48 | 102.4067516 | Down-regulated |
| IFI16 | −1.012294553 | 10.33629747 | −16.56911456 | 1.06E-49 | 5.38E-48 | 102.1651908 | Down-regulated |
| KLHDC7B | −1.599605837 | 2.827490856 | −16.52876239 | 1.63E-49 | 8.26E-48 | 101.7301601 | Down-regulated |
| P2RY13 | −1.485007004 | 7.849642802 | −16.47326996 | 2.98E-49 | 1.50E-47 | 101.1324308 | Down-regulated |
| SRGN | −1.145630739 | 9.810829767 | −16.4009548 | 6.51E-49 | 3.27E-47 | 100.3544239 | Down-regulated |
| NUDT16P1 | −1.248526459 | 3.534309922 | −16.33645205 | 1.31E-48 | 6.49E-47 | 99.66136409 | Down-regulated |
| TNFRSF1A | −1.188603891 | 10.00445019 | −16.3355168 | 1.32E-48 | 6.54E-47 | 99.65132141 | Down-regulated |
| MYO7A | −1.224309339 | 7.47416751 | −16.27603318 | 2.50E-48 | 1.24E-46 | 99.0129623 | Down-regulated |
| CAPG | −1.61673463 | 9.198092218 | −16.22928828 | 4.14E-48 | 2.04E-46 | 98.51182955 | Down-regulated |
| BCL2A1 | −2.031696887 | 4.355241051 | −16.22368363 | 4.40E-48 | 2.17E-46 | 98.45177529 | Down-regulated |
| ALDH3B1 | −1.004716342 | 7.509788132 | −16.21649952 | 4.75E-48 | 2.33E-46 | 98.37480669 | Down-regulated |
| CEACAM4 | −1.292542802 | 1.653701362 | −16.13741391 | 1.11E-47 | 5.41E-46 | 97.52823091 | Down-regulated |
| S100Z | −1.130151751 | 1.858685214 | −16.12061463 | 1.33E-47 | 6.47E-46 | 97.34857491 | Down-regulated |
| IL28RA | −1.685358366 | 5.656158949 | −16.07710293 | 2.13E-47 | 1.03E-45 | 96.88353302 | Down-regulated |
| OLR1 | −1.974933074 | 8.484745525 | −16.07044176 | 2.28E-47 | 1.10E-45 | 96.81237652 | Down-regulated |
| VIM | −1.850536187 | 13.67325564 | −16.05486834 | 2.70E-47 | 1.30E-45 | 96.64605458 | Down-regulated |
| BST2 | −1.355667315 | 9.161495136 | −16.0112331 | 4.31E-47 | 2.06E-45 | 96.1803201 | Down-regulated |
| MPEG1 | −1.356280156 | 7.985550195 | −15.99096425 | 5.36E-47 | 2.55E-45 | 95.96412639 | Down-regulated |
| C10orf54 | −1.019206226 | 10.7634572 | −15.97280618 | 6.50E-47 | 3.08E-45 | 95.77052439 | Down-regulated |
| DENND3 | −1.025732685 | 9.202716537 | −15.96092807 | 7.39E-47 | 3.49E-45 | 95.64391931 | Down-regulated |
| DAB2 | −1.000449416 | 9.487470233 | −15.92587298 | 1.08E-46 | 5.03E-45 | 95.27046206 | Down-regulated |
| ASCL2 | −1.271390661 | 2.962425292 | −15.92186415 | 1.12E-46 | 5.22E-45 | 95.22777178 | Down-regulated |
| GNG5 | −1.131675097 | 9.450514981 | −15.86985396 | 1.96E-46 | 8.99E-45 | 94.67424194 | Down-regulated |
| HPSE | −1.664408949 | 5.523740661 | −15.80775608 | 3.80E-46 | 1.73E-44 | 94.01415897 | Down-regulated |
| ST8SIA4 | −1.089997665 | 7.480714397 | −15.78595038 | 4.79E-46 | 2.17E-44 | 93.78258094 | Down-regulated |
| APOC2 | −1.767245914 | 8.521984825 | −15.7534071 | 6.78E-46 | 3.07E-44 | 93.43717408 | Down-regulated |
| CLECL1 | −1.611088716 | 2.310237354 | −15.70522861 | 1.13E-45 | 5.10E-44 | 92.92627269 | Down-regulated |
| MS4A14 | −1.467607393 | 5.005025875 | −15.69412111 | 1.28E-45 | 5.73E-44 | 92.80856235 | Down-regulated |
| BCL2L12 | −1.268390661 | 5.41144358 | −15.65034615 | 2.03E-45 | 9.11E-44 | 92.34494652 | Down-regulated |
| SLAMF8 | −1.735261089 | 5.685670623 | −15.64957163 | 2.05E-45 | 9.17E-44 | 92.33674777 | Down-regulated |
| TMEM150B | −1.27480428 | 1.455695136 | −15.64856442 | 2.07E-45 | 9.24E-44 | 92.32608607 | Down-regulated |
| CLEC2B | −1.280090661 | 5.591271012 | −15.62008678 | 2.80E-45 | 1.25E-43 | 92.02473933 | Down-regulated |
| APOBEC3H | −1.08460428 | 1.520905642 | −15.58950989 | 3.88E-45 | 1.72E-43 | 91.70139495 | Down-regulated |
| ANG | −1.423573152 | 4.852448444 | −15.56765112 | 4.89E-45 | 2.17E-43 | 91.47038089 | Down-regulated |
| FPR3 | −2.155675486 | 5.582718677 | −15.5519071 | 5.78E-45 | 2.55E-43 | 91.30406215 | Down-regulated |
| PYGL | −1.285842023 | 8.563042023 | −15.54098806 | 6.49E-45 | 2.86E-43 | 91.18874953 | Down-regulated |
| ICAM1 | −1.537980156 | 7.905934825 | −15.54021286 | 6.55E-45 | 2.87E-43 | 91.18056396 | Down-regulated |
| SLC2A9 | −1.268613619 | 4.420142607 | −15.52509974 | 7.69E-45 | 3.35E-43 | 91.0210097 | Down-regulated |
| CHI3L2 | −2.783354086 | 7.848387938 | −15.48936137 | 1.12E-44 | 4.83E-43 | 90.64392987 | Down-regulated |
| VNN1 | −1.584552918 | 3.265030934 | −15.46401691 | 1.47E-44 | 6.31E-43 | 90.37670761 | Down-regulated |
| CYTL1 | −1.538568872 | 5.995754086 | −15.43684029 | 1.96E-44 | 8.36E-43 | 90.09034411 | Down-regulated |
| ALPK1 | −1.181106226 | 6.704581128 | −15.41274927 | 2.53E-44 | 1.08E-42 | 89.83664741 | Down-regulated |
| C4A | −1.747894553 | 12.82352938 | −15.40114135 | 2.86E-44 | 1.21E-42 | 89.71445882 | Down-regulated |
| APOBEC3F | −1.238193774 | 4.813285603 | −15.37891813 | 3.61E-44 | 1.53E-42 | 89.48062452 | Down-regulated |
| MX2 | −1.672903891 | 5.932692802 | −15.3727875 | 3.86E-44 | 1.63E-42 | 89.41613935 | Down-regulated |
| TBC1D10C | −1.301919844 | 3.679033852 | −15.35797614 | 4.51E-44 | 1.90E-42 | 89.26038484 | Down-regulated |
| CEBPB | −1.075280545 | 8.287873735 | −15.31170148 | 7.35E-44 | 3.09E-42 | 88.77412339 | Down-regulated |
| CCL22 | −1.336083658 | 2.70016323 | −15.30500497 | 7.89E-44 | 3.31E-42 | 88.70380043 | Down-regulated |
| ANKRD22 | −2.360538132 | 5.796116537 | −15.27267303 | 1.11E-43 | 4.63E-42 | 88.36442975 | Down-regulated |
| LTC4S | −1.565824903 | 5.177185603 | −15.24917175 | 1.42E-43 | 5.90E-42 | 88.11791793 | Down-regulated |
| DPEP2 | −1.085085992 | 5.321152724 | −15.2440412 | 1.50E-43 | 6.21E-42 | 88.06412091 | Down-regulated |
| MYO1G | −1.70847821 | 4.241769844 | −15.23442431 | 1.66E-43 | 6.86E-42 | 87.96330018 | Down-regulated |
| PLEKHA4 | −1.800392218 | 8.577124903 | −15.23061146 | 1.73E-43 | 7.11E-42 | 87.92333402 | Down-regulated |
| GBP1 | −1.766500389 | 8.419023735 | −15.2274267 | 1.79E-43 | 7.34E-42 | 87.88995431 | Down-regulated |
| VNN2 | −1.559066537 | 3.536357782 | −15.22556503 | 1.82E-43 | 7.47E-42 | 87.87044322 | Down-regulated |
| FGF20 | −1.242593385 | 2.477248833 | −15.21068804 | 2.13E-43 | 8.70E-42 | 87.71455846 | Down-regulated |
| TNNI2 | −1.340914786 | 1.810820817 | −15.17621332 | 3.06E-43 | 1.25E-41 | 87.35354474 | Down-regulated |
| CD226 | −1.302490272 | 3.316459533 | −15.16558542 | 3.43E-43 | 1.39E-41 | 87.24231355 | Down-regulated |
| CISH | −1.360555642 | 4.716863035 | −15.1541943 | 3.86E-43 | 1.56E-41 | 87.12312742 | Down-regulated |
| PLSCR1 | −1.215510117 | 8.237229767 | −15.13887898 | 4.54E-43 | 1.83E-41 | 86.9629357 | Down-regulated |
| PARP14 | −1.009854864 | 9.778848444 | −15.12399869 | 5.31E-43 | 2.14E-41 | 86.80735344 | Down-regulated |
| LOC100240735 | −1.045091829 | 1.866015175 | −15.09210547 | 7.42E-43 | 2.97E-41 | 86.47408777 | Down-regulated |
| EMB | −1.301943969 | 6.67148249 | −15.05207902 | 1.13E-42 | 4.50E-41 | 86.05621673 | Down-regulated |
| NMI | −1.102435019 | 6.937922568 | −15.03337196 | 1.37E-42 | 5.46E-41 | 85.86106423 | Down-regulated |
| PLAUR | −1.40607393 | 6.363226848 | −15.01146616 | 1.73E-42 | 6.85E-41 | 85.63266168 | Down-regulated |
| HLA-B | −1.152303891 | 12.9656714 | −14.98861899 | 2.19E-42 | 8.67E-41 | 85.3945817 | Down-regulated |
| HLA-DRB5 | −2.113809728 | 8.258353502 | −14.97507226 | 2.53E-42 | 9.97E-41 | 85.25348409 | Down-regulated |
| DHRS3 | −1.220873152 | 9.768725292 | −14.95797942 | 3.02E-42 | 1.19E-40 | 85.07552252 | Down-regulated |
| EMR2 | −1.477867704 | 5.783248249 | −14.95726304 | 3.05E-42 | 1.19E-40 | 85.0680657 | Down-regulated |
| P2RY6 | −1.384357977 | 4.38367821 | −14.94848501 | 3.34E-42 | 1.31E-40 | 84.97670615 | Down-regulated |
| CLDN7 | −1.274729183 | 3.082801946 | −14.91447767 | 4.77E-42 | 1.86E-40 | 84.62296492 | Down-regulated |
| RUNX3 | −1.386915564 | 5.514781907 | −14.84655796 | 9.69E-42 | 3.72E-40 | 83.91742198 | Down-regulated |
| SPP1 | −1.884910506 | 12.77658755 | −14.79858646 | 1.60E-41 | 6.10E-40 | 83.41987047 | Down-regulated |
| HAMP | −2.309607004 | 4.577748249 | −14.79373955 | 1.68E-41 | 6.40E-40 | 83.36963496 | Down-regulated |
| NAPSB | −2.577405058 | 6.772104086 | −14.78784652 | 1.79E-41 | 6.79E-40 | 83.30856595 | Down-regulated |
| GLIPR1 | −1.052644358 | 8.373212451 | −14.77792052 | 1.98E-41 | 7.52E-40 | 83.2057256 | Down-regulated |
| P2RY8 | −1.715396887 | 4.274829572 | −14.77739376 | 1.99E-41 | 7.54E-40 | 83.20026879 | Down-regulated |
| FAM70B | −1.25277393 | 4.296686965 | −14.75179932 | 2.60E-41 | 9.79E-40 | 82.93522421 | Down-regulated |
| IL4I1 | −1.181971984 | 5.15943035 | −14.74046699 | 2.93E-41 | 1.10E-39 | 82.81793067 | Down-regulated |
| B3GNT5 | −1.399557977 | 7.247851751 | −14.70771569 | 4.11E-41 | 1.53E-39 | 82.47914848 | Down-regulated |
| SERPINF2 | −1.088657588 | 5.169471206 | −14.67827561 | 5.58E-41 | 2.08E-39 | 82.17487858 | Down-regulated |
| CASP5 | −1.213299222 | 1.273049611 | −14.64909748 | 7.56E-41 | 2.80E-39 | 81.87356098 | Down-regulated |
| FCGR2C | −1.816294553 | 3.336813813 | −14.60890647 | 1.15E-40 | 4.23E-39 | 81.45891689 | Down-regulated |
| CPVL | −1.370675875 | 8.421777237 | −14.59777586 | 1.29E-40 | 4.73E-39 | 81.34416696 | Down-regulated |
| RAB38 | −1.22177821 | 2.708637743 | −14.59298671 | 1.35E-40 | 4.96E-39 | 81.29480476 | Down-regulated |
| NLRC5 | −1.103942802 | 8.220420428 | −14.57947315 | 1.56E-40 | 5.67E-39 | 81.15555527 | Down-regulated |
| ZDHHC12 | −1.068601556 | 7.00114358 | −14.57078499 | 1.70E-40 | 6.20E-39 | 81.06605691 | Down-regulated |
| MYOF | −1.268126848 | 8.488961868 | −14.54732748 | 2.17E-40 | 7.88E-39 | 80.82452681 | Down-regulated |
| KCNJ5 | −1.404510895 | 5.706101751 | −14.54003776 | 2.34E-40 | 8.49E-39 | 80.7495011 | Down-regulated |
| CD300LB | −1.305415564 | 2.090123346 | −14.48617546 | 4.08E-40 | 1.47E-38 | 80.1956359 | Down-regulated |
| S100A6 | −1.26916537 | 11.38240019 | −14.4817516 | 4.27E-40 | 1.54E-38 | 80.15018358 | Down-regulated |
| HLA-DQA1 | −2.441722179 | 7.302666926 | −14.47382112 | 4.64E-40 | 1.67E-38 | 80.06871736 | Down-regulated |
| CLDN23 | −1.09769572 | 3.32181323 | −14.47312536 | 4.67E-40 | 1.67E-38 | 80.06157107 | Down-regulated |
| LOC400043 | −1.522872374 | 6.697251751 | −14.39803275 | 1.01E-39 | 3.59E-38 | 79.29112506 | Down-regulated |
| CD99 | −1.515968482 | 11.68946284 | −14.34682469 | 1.72E-39 | 6.05E-38 | 78.76670569 | Down-regulated |
| TRIM34 | −1.014833074 | 6.291996693 | −14.33602318 | 1.92E-39 | 6.75E-38 | 78.65618933 | Down-regulated |
| C1R | −1.610207004 | 9.883735409 | −14.3357311 | 1.93E-39 | 6.76E-38 | 78.65320144 | Down-regulated |
| LY75 | −1.145189883 | 6.394603891 | −14.33217928 | 2.00E-39 | 7.00E-38 | 78.61686882 | Down-regulated |
| OLFML2B | −1.529495331 | 7.734365953 | −14.32561628 | 2.14E-39 | 7.47E-38 | 78.54974412 | Down-regulated |
| LRG1 | −1.158064981 | 2.927873346 | −14.30923319 | 2.53E-39 | 8.81E-38 | 78.3822395 | Down-regulated |
| CCL2 | −2.047978988 | 7.595040467 | −14.28374449 | 3.28E-39 | 1.14E-37 | 78.12180004 | Down-regulated |
| TNFAIP8 | −1.269129183 | 4.826402335 | −14.2643798 | 4.01E-39 | 1.39E-37 | 77.92406818 | Down-regulated |
| CTSH | −1.659052529 | 10.18759475 | −14.21437741 | 6.69E-39 | 2.30E-37 | 77.41403169 | Down-regulated |
| TLR10 | −1.448246693 | 5.178089494 | −14.21309958 | 6.78E-39 | 2.33E-37 | 77.40100772 | Down-regulated |
| GALM | −1.008236576 | 7.099755253 | −14.19974605 | 7.77E-39 | 2.66E-37 | 77.26493495 | Down-regulated |
| HK3 | −1.47371751 | 4.264061868 | −14.195495 | 8.12E-39 | 2.78E-37 | 77.22162833 | Down-regulated |
| OXER1 | −1.125561868 | 3.929056809 | −14.19081006 | 8.52E-39 | 2.91E-37 | 77.17390814 | Down-regulated |
| SPOCD1 | −2.669277043 | 6.601336576 | −14.175138 | 1.00E-38 | 3.41E-37 | 77.01432421 | Down-regulated |
| ECM2 | −1.668991051 | 7.905368677 | −14.15037091 | 1.29E-38 | 4.36E-37 | 76.76228507 | Down-regulated |
| GFAP | −1.521250584 | 18.165007 | −14.1385687 | 1.45E-38 | 4.89E-37 | 76.6422492 | Down-regulated |
| C1orf54 | −1.006615953 | 7.026030545 | −14.13576961 | 1.50E-38 | 5.03E-37 | 76.61378713 | Down-regulated |
| CRYBB1 | −1.335725681 | 4.899271012 | −14.09605573 | 2.25E-38 | 7.40E-37 | 76.21022976 | Down-regulated |
| CX3CR1 | −1.821556809 | 9.936595136 | −14.09550216 | 2.26E-38 | 7.43E-37 | 76.20460809 | Down-regulated |
| C20orf197 | −1.158250973 | 2.630872957 | −14.00587037 | 5.63E-38 | 1.83E-36 | 75.29566385 | Down-regulated |
| PSTPIP2 | −1.165635019 | 5.101049805 | −14.0053445 | 5.66E-38 | 1.84E-36 | 75.29033864 | Down-regulated |
| HK2 | −1.205049416 | 9.094318482 | −13.99735246 | 6.14E-38 | 1.99E-36 | 75.2094188 | Down-regulated |
| ANXA2 | −1.462706226 | 9.591322374 | −13.96000353 | 8.98E-38 | 2.89E-36 | 74.83153259 | Down-regulated |
| NFATC1 | −1.242927237 | 7.488302529 | −13.95516122 | 9.44E-38 | 3.03E-36 | 74.78257258 | Down-regulated |
| LRMP | −1.047482879 | 6.673690078 | −13.94564649 | 1.04E-37 | 3.33E-36 | 74.68639234 | Down-regulated |
| RNASE4 | −1.332750195 | 6.732872374 | −13.93234124 | 1.19E-37 | 3.80E-36 | 74.55194492 | Down-regulated |
| S1PR3 | −1.446462646 | 9.084290856 | −13.93172206 | 1.20E-37 | 3.82E-36 | 74.54568958 | Down-regulated |
| PLAU | −1.731691051 | 6.494929183 | −13.9066787 | 1.54E-37 | 4.92E-36 | 74.29279203 | Down-regulated |
| PARP15 | −1.267640467 | 2.08934786 | −13.8908491 | 1.81E-37 | 5.76E-36 | 74.13304449 | Down-regulated |
| SYTL3 | −1.095917899 | 5.84701965 | −13.87613672 | 2.11E-37 | 6.67E-36 | 73.98464539 | Down-regulated |
| EMP1 | −1.638273541 | 10.39682354 | −13.87059007 | 2.23E-37 | 7.02E-36 | 73.92871664 | Down-regulated |
| GLIS3 | −1.411768093 | 8.874097276 | −13.85902206 | 2.50E-37 | 7.86E-36 | 73.81210498 | Down-regulated |
| S100A3 | −2.171810117 | 3.745696887 | −13.81808616 | 3.79E-37 | 1.18E-35 | 73.39980469 | Down-regulated |
| SLC17A9 | −1.19355642 | 4.615164981 | −13.78061287 | 5.54E-37 | 1.71E-35 | 73.02286745 | Down-regulated |
| MSN | −1.231449027 | 11.31395759 | −13.76990813 | 6.17E-37 | 1.91E-35 | 72.91527645 | Down-regulated |
| OAS1 | −1.431927237 | 7.462326265 | −13.76486492 | 6.49E-37 | 2.00E-35 | 72.86460156 | Down-regulated |
| CFD | −1.306030739 | 5.109604864 | −13.73351072 | 8.91E-37 | 2.73E-35 | 72.5497417 | Down-regulated |
| DLEC1 | −1.800460311 | 5.864463619 | −13.72905749 | 9.32E-37 | 2.85E-35 | 72.505049 | Down-regulated |
| MICB | −1.156290272 | 4.878975875 | −13.70274506 | 1.22E-36 | 3.70E-35 | 72.24111387 | Down-regulated |
| FAM129A | −1.404549027 | 7.571632879 | −13.69907251 | 1.26E-36 | 3.84E-35 | 72.20429382 | Down-regulated |
| CD163 | −2.467096887 | 7.76526323 | −13.69462489 | 1.32E-36 | 4.01E-35 | 72.15970925 | Down-regulated |
| GSDMD | −1.065949416 | 7.867896887 | −13.65946558 | 1.88E-36 | 5.69E-35 | 71.80749591 | Down-regulated |
| APOL4 | −2.129262257 | 6.460930739 | −13.64109927 | 2.26E-36 | 6.79E-35 | 71.62367635 | Down-regulated |
| C6orf150 | −1.07368249 | 3.89390856 | −13.63967069 | 2.29E-36 | 6.87E-35 | 71.60938324 | Down-regulated |
| ACPP | −1.58621751 | 2.621103696 | −13.63691046 | 2.36E-36 | 7.03E-35 | 71.58176879 | Down-regulated |
| C7orf58 | −1.339396109 | 5.960657198 | −13.62087726 | 2.77E-36 | 8.20E-35 | 71.42141753 | Down-regulated |
| TLR3 | −1.180245914 | 6.353966537 | −13.60466334 | 3.26E-36 | 9.63E-35 | 71.25934858 | Down-regulated |
| CXCR4 | −1.188215953 | 8.750018093 | −13.58625571 | 3.93E-36 | 1.15E-34 | 71.07546169 | Down-regulated |
| VCAM1 | −2.041350195 | 8.999626848 | −13.55818608 | 5.20E-36 | 1.52E-34 | 70.79527948 | Down-regulated |
| EPHX3 | −1.087987549 | 2.307574319 | −13.51778956 | 7.80E-36 | 2.26E-34 | 70.392534 | Down-regulated |
| IL1RN | −1.773989883 | 3.35268716 | −13.48587044 | 1.07E-35 | 3.09E-34 | 70.0747092 | Down-regulated |
| EPSTI1 | −1.360816732 | 5.600322374 | −13.48237736 | 1.11E-35 | 3.18E-34 | 70.03994951 | Down-regulated |
| TREM1 | −1.910088327 | 2.56726751 | −13.48229314 | 1.11E-35 | 3.18E-34 | 70.03911151 | Down-regulated |
| ANXA2P2 | −1.608494942 | 7.872175097 | −13.48144165 | 1.12E-35 | 3.21E-34 | 70.03063905 | Down-regulated |
| CD48 | −1.885687938 | 4.110393774 | −13.47256645 | 1.23E-35 | 3.49E-34 | 69.94234417 | Down-regulated |
| C5orf20 | −1.140584825 | 1.558804475 | −13.44403779 | 1.63E-35 | 4.62E-34 | 69.65871475 | Down-regulated |
| ITGB4 | −1.750993774 | 10.26644669 | −13.44157628 | 1.67E-35 | 4.73E-34 | 69.63425609 | Down-regulated |
| BHLHE41 | −1.118951751 | 10.57883541 | −13.43734898 | 1.75E-35 | 4.92E-34 | 69.5922567 | Down-regulated |
| C1RL | −1.280728405 | 7.32794786 | −13.32278469 | 5.47E-35 | 1.50E-33 | 68.4564495 | Down-regulated |
| CSF1 | −1.01806965 | 9.842023152 | −13.30889964 | 6.28E-35 | 1.71E-33 | 68.31911043 | Down-regulated |
| SPTLC3 | −1.21331751 | 6.014292607 | −13.28232427 | 8.18E-35 | 2.22E-33 | 68.05644354 | Down-regulated |
| CYP21A2 | −1.494333852 | 6.186285603 | −13.28101672 | 8.29E-35 | 2.24E-33 | 68.04352651 | Down-regulated |
| TNFRSF12A | −1.813241245 | 6.96461284 | −13.27785869 | 8.56E-35 | 2.31E-33 | 68.01233151 | Down-regulated |
| S100A4 | −1.805385603 | 5.469856226 | −13.2563295 | 1.06E-34 | 2.84E-33 | 67.79976272 | Down-regulated |
| TSPO | −1.138249805 | 9.109666926 | −13.25294853 | 1.10E-34 | 2.93E-33 | 67.76639589 | Down-regulated |
| CACNA2D4 | −1.141666148 | 4.970108949 | −13.25244744 | 1.10E-34 | 2.94E-33 | 67.76145099 | Down-regulated |
| C19orf35 | −1.164191829 | 4.252713813 | −13.24965289 | 1.13E-34 | 3.02E-33 | 67.73387527 | Down-regulated |
| FBXO32 | −1.134674708 | 8.676945525 | −13.17560157 | 2.36E-34 | 6.23E-33 | 67.00420013 | Down-regulated |
| SLFN12 | −1.041697665 | 4.736650389 | −13.17026868 | 2.49E-34 | 6.55E-33 | 66.95172939 | Down-regulated |
| RGS1 | −1.922380545 | 9.120276654 | −13.15081231 | 3.02E-34 | 7.89E-33 | 66.76038575 | Down-regulated |
| IRF7 | −1.102184047 | 7.44965428 | −13.13709163 | 3.45E-34 | 9.00E-33 | 66.62553381 | Down-regulated |
| CP | −2.399459533 | 7.660038327 | −13.12649909 | 3.83E-34 | 9.95E-33 | 66.52147418 | Down-regulated |
| ARHGAP6 | −1.189629572 | 7.322179377 | −13.12172063 | 4.02E-34 | 1.04E-32 | 66.47454482 | Down-regulated |
| HLA-DQB1 | −2.058680156 | 8.022985214 | −13.11097708 | 4.47E-34 | 1.16E-32 | 66.36906326 | Down-regulated |
| C11orf35 | −1.071814786 | 2.181179767 | −13.0674524 | 6.87E-34 | 1.76E-32 | 65.94217236 | Down-regulated |
| GEM | −1.469580156 | 8.108198638 | −13.03975998 | 9.02E-34 | 2.30E-32 | 65.67093365 | Down-regulated |
| HS3ST1 | −1.668409339 | 7.524407393 | −13.03837039 | 9.15E-34 | 2.33E-32 | 65.65733066 | Down-regulated |
| MMEL1 | −2.195602724 | 2.938475681 | −13.01904514 | 1.11E-33 | 2.81E-32 | 65.46822661 | Down-regulated |
| SIGLEC14 | −1.751974319 | 5.497210895 | −13.01220501 | 1.18E-33 | 3.00E-32 | 65.40132749 | Down-regulated |
| HLA-DRB6 | −2.021948638 | 6.102692218 | −13.00174226 | 1.31E-33 | 3.32E-32 | 65.2990318 | Down-regulated |
| LEFTY2 | −2.507558366 | 4.409566342 | −12.98687104 | 1.52E-33 | 3.82E-32 | 65.15370527 | Down-regulated |
| BATF3 | −1.255746304 | 5.274709728 | −12.97508493 | 1.71E-33 | 4.28E-32 | 65.03858693 | Down-regulated |
| CCDC103 | −1.061351751 | 8.922761868 | −12.93441004 | 2.54E-33 | 6.28E-32 | 64.64170964 | Down-regulated |
| TRIM22 | −1.058771984 | 9.354488716 | −12.91687889 | 3.02E-33 | 7.42E-32 | 64.47084769 | Down-regulated |
| EFNA4 | −1.007266926 | 5.127750973 | −12.89899195 | 3.60E-33 | 8.78E-32 | 64.29663951 | Down-regulated |
| MRC2 | −1.207996498 | 10.02190953 | −12.87917245 | 4.37E-33 | 1.06E-31 | 64.10375297 | Down-regulated |
| TMEM154 | −1.164731128 | 4.522440661 | −12.85236892 | 5.68E-33 | 1.37E-31 | 63.84313758 | Down-regulated |
| APOL1 | −1.144775097 | 7.507835798 | −12.83292544 | 6.87E-33 | 1.64E-31 | 63.65425916 | Down-regulated |
| DSC2 | −1.057147471 | 5.766718482 | −12.8192704 | 7.85E-33 | 1.87E-31 | 63.52169861 | Down-regulated |
| MUC1 | −1.054254864 | 6.655391634 | −12.81252969 | 8.38E-33 | 1.99E-31 | 63.45628784 | Down-regulated |
| LAMP3 | −1.286803891 | 3.063303502 | −12.81043284 | 8.56E-33 | 2.03E-31 | 63.43594394 | Down-regulated |
| S100A2 | −1.327400778 | 3.929585603 | −12.79941858 | 9.53E-33 | 2.26E-31 | 63.32911036 | Down-regulated |
| CD80 | −1.150766537 | 1.386228794 | −12.78884801 | 1.06E-32 | 2.49E-31 | 63.2266248 | Down-regulated |
| MYBPH | −1.622549416 | 2.143261479 | −12.72985759 | 1.88E-32 | 4.37E-31 | 62.65549498 | Down-regulated |
| PRKCD | −1.041044358 | 8.263177432 | −12.7267601 | 1.93E-32 | 4.49E-31 | 62.62554369 | Down-regulated |
| CYSLTR1 | −1.027996109 | 3.841568482 | −12.70749912 | 2.33E-32 | 5.39E-31 | 62.43938385 | Down-regulated |
| HLA-F | −1.002841245 | 8.63845214 | −12.70708235 | 2.34E-32 | 5.41E-31 | 62.43535738 | Down-regulated |
| PTCRA | −1.426071984 | 2.109893191 | −12.69384133 | 2.66E-32 | 6.14E-31 | 62.30746842 | Down-regulated |
| LILRA6 | −1.392855253 | 3.500366926 | −12.68981961 | 2.77E-32 | 6.38E-31 | 62.26863822 | Down-regulated |
| GPR82 | −1.81596965 | 2.755567704 | −12.66709223 | 3.45E-32 | 7.92E-31 | 62.04932336 | Down-regulated |
| CFI | −1.575964202 | 7.602146304 | −12.65417309 | 3.92E-32 | 8.94E-31 | 61.92474763 | Down-regulated |
| CCL5 | −1.623503891 | 4.923387743 | −12.64879645 | 4.13E-32 | 9.38E-31 | 61.87292179 | Down-regulated |
| IFI44L | −1.529145136 | 9.636565953 | −12.62587746 | 5.15E-32 | 1.17E-30 | 61.65213327 | Down-regulated |
| SAMD9L | −1.19526537 | 8.380944358 | −12.62153408 | 5.37E-32 | 1.21E-30 | 61.61031527 | Down-regulated |
| C2orf65 | −1.058357977 | 4.157536187 | −12.61599055 | 5.67E-32 | 1.28E-30 | 61.55695321 | Down-regulated |
| ERP27 | −1.285864202 | 2.535764008 | −12.57688872 | 8.28E-32 | 1.85E-30 | 61.18090944 | Down-regulated |
| HOXB7 | −1.698177821 | 3.066569844 | −12.55694892 | 1.00E-31 | 2.23E-30 | 60.98938467 | Down-regulated |
| TMCO4 | −1.00944358 | 7.0542607 | −12.53927109 | 1.19E-31 | 2.63E-30 | 60.81972085 | Down-regulated |
| CLEC12A | −1.544548249 | 1.803486965 | −12.53361417 | 1.26E-31 | 2.77E-30 | 60.76545512 | Down-regulated |
| PLAC8 | −1.852351362 | 3.098069844 | −12.50684721 | 1.63E-31 | 3.57E-30 | 60.50886066 | Down-regulated |
| IER3 | −1.1784393 | 7.379039494 | −12.50401944 | 1.67E-31 | 3.66E-30 | 60.48177001 | Down-regulated |
| BST1 | −1.030429961 | 4.608195914 | −12.49864078 | 1.76E-31 | 3.84E-30 | 60.4302503 | Down-regulated |
| SLAMF6 | −1.322449027 | 2.433861089 | −12.49499762 | 1.83E-31 | 3.97E-30 | 60.39536088 | Down-regulated |
| GPR114 | −1.422536965 | 3.544055642 | −12.49185502 | 1.88E-31 | 4.08E-30 | 60.36526945 | Down-regulated |
| IRF1 | −1.01883035 | 7.917335798 | −12.48378586 | 2.03E-31 | 4.39E-30 | 60.28802307 | Down-regulated |
| C1orf88 | −1.40133463 | 7.403428405 | −12.4805276 | 2.10E-31 | 4.52E-30 | 60.2568392 | Down-regulated |
| HERC5 | −1.32551323 | 7.3830893 | −12.48042982 | 2.10E-31 | 4.52E-30 | 60.2559035 | Down-regulated |
| GBP3 | −1.651823346 | 7.908463035 | −12.46128654 | 2.53E-31 | 5.41E-30 | 60.07277705 | Down-regulated |
| TCF7 | −1.052199222 | 6.308111284 | −12.43590783 | 3.23E-31 | 6.89E-30 | 59.83023354 | Down-regulated |
| CEBPD | −1.296622957 | 8.562655447 | −12.41748182 | 3.85E-31 | 8.18E-30 | 59.65430272 | Down-regulated |
| ITGA5 | −1.057703113 | 8.444709922 | −12.40974304 | 4.15E-31 | 8.78E-30 | 59.58045494 | Down-regulated |
| CCR2 | −1.558190272 | 2.17827607 | −12.39099616 | 4.97E-31 | 1.05E-29 | 59.40166427 | Down-regulated |
| GHRL | −1.082596498 | 3.113500584 | −12.38429333 | 5.30E-31 | 1.11E-29 | 59.3377741 | Down-regulated |
| PLVAP | −1.109797276 | 7.66788035 | −12.37501128 | 5.79E-31 | 1.21E-29 | 59.24932999 | Down-regulated |
| ANXA1 | −1.891314008 | 9.06611537 | −12.37134598 | 6.00E-31 | 1.26E-29 | 59.21441496 | Down-regulated |
| PRR15 | −1.203146304 | 3.13902179 | −12.36276692 | 6.51E-31 | 1.36E-29 | 59.13271422 | Down-regulated |
| SERPINA3 | −2.340520623 | 11.02658755 | −12.35880235 | 6.76E-31 | 1.41E-29 | 59.09496882 | Down-regulated |
| ZFP36 | −1.40623463 | 10.09727451 | −12.3512383 | 7.27E-31 | 1.51E-29 | 59.0229721 | Down-regulated |
| MMP14 | −1.235701946 | 9.839763035 | −12.33345101 | 8.62E-31 | 1.78E-29 | 58.85376182 | Down-regulated |
| ITGB7 | −1.197344747 | 4.453069261 | −12.31676925 | 1.01E-30 | 2.08E-29 | 58.69518839 | Down-regulated |
| ADRB2 | −1.026272374 | 6.264729961 | −12.3160147 | 1.02E-30 | 2.10E-29 | 58.68801851 | Down-regulated |
| ID3 | −1.3042 | 11.62026615 | −12.31295566 | 1.05E-30 | 2.15E-29 | 58.6589535 | Down-regulated |
| COPZ2 | −1.035012451 | 6.726194553 | −12.30275375 | 1.16E-30 | 2.37E-29 | 58.56204995 | Down-regulated |
| TMEM176B | −1.305209339 | 9.072945914 | −12.28490157 | 1.37E-30 | 2.79E-29 | 58.39258477 | Down-regulated |
| CXCR3 | −1.280708949 | 1.454142023 | −12.28321525 | 1.39E-30 | 2.84E-29 | 58.37658401 | Down-regulated |
| CD58 | −1.118264591 | 6.080593385 | −12.28193649 | 1.41E-30 | 2.87E-29 | 58.36445118 | Down-regulated |
| JAK3 | −1.390954864 | 6.21025642 | −12.27784624 | 1.47E-30 | 2.98E-29 | 58.32564772 | Down-regulated |
| FOLR2 | −1.365486381 | 8.51303035 | −12.23741293 | 2.16E-30 | 4.34E-29 | 57.94244331 | Down-regulated |
| ZBTB42 | −1.042848638 | 6.065516926 | −12.2255821 | 2.42E-30 | 4.84E-29 | 57.83044796 | Down-regulated |
| CD3E | −1.699537354 | 3.236176459 | −12.22257208 | 2.49E-30 | 4.97E-29 | 57.80196346 | Down-regulated |
| LYZ | −1.778707004 | 6.773855058 | −12.15323425 | 4.81E-30 | 9.52E-29 | 57.14686958 | Down-regulated |
| CXCR2 | −1.234115953 | 3.460062257 | −12.14995986 | 4.96E-30 | 9.81E-29 | 57.11598437 | Down-regulated |
| CTSW | −1.415876654 | 2.782479183 | −12.07890662 | 9.73E-30 | 1.89E-28 | 56.44692072 | Down-regulated |
| WDR78 | −1.331157588 | 5.831766342 | −12.07429905 | 1.02E-29 | 1.97E-28 | 56.40360936 | Down-regulated |
| CABP4 | −1.06278677 | 2.694441245 | −12.0678055 | 1.08E-29 | 2.09E-28 | 56.34258529 | Down-regulated |
| MATN2 | −1.09212179 | 10.74175856 | −12.03644195 | 1.45E-29 | 2.80E-28 | 56.04809959 | Down-regulated |
| CYP19A1 | −1.338768482 | 3.583999027 | −12.03454364 | 1.48E-29 | 2.85E-28 | 56.0302893 | Down-regulated |
| ZBP1 | −1.395275097 | 2.678894358 | −12.01547602 | 1.77E-29 | 3.39E-28 | 55.85148031 | Down-regulated |
| EMR4P | −1.458337354 | 3.560075292 | −12.01479596 | 1.78E-29 | 3.41E-28 | 55.84510592 | Down-regulated |
| UPP1 | −1.027240467 | 7.3523 | −12.002992 | 1.99E-29 | 3.78E-28 | 55.73449588 | Down-regulated |
| ODF3B | −1.364971206 | 4.436224125 | −11.98758234 | 2.31E-29 | 4.36E-28 | 55.59019005 | Down-regulated |
| CST7 | −1.340680545 | 2.719941829 | −11.9770564 | 2.55E-29 | 4.81E-28 | 55.49167825 | Down-regulated |
| FPR2 | −1.355057588 | 2.150355253 | −11.95212554 | 3.22E-29 | 6.04E-28 | 55.25854584 | Down-regulated |
| DPYD | −1.178954086 | 7.044776265 | −11.94265685 | 3.52E-29 | 6.60E-28 | 55.17007431 | Down-regulated |
| PDPN | −2.051031518 | 7.740549611 | −11.90255564 | 5.13E-29 | 9.55E-28 | 54.79582416 | Down-regulated |
| CD2 | −1.641266148 | 2.860152529 | −11.89569328 | 5.48E-29 | 1.02E-27 | 54.73185156 | Down-regulated |
| HLA-DQA2 | −2.218282879 | 4.946657004 | −11.88945175 | 5.81E-29 | 1.08E-27 | 54.67368469 | Down-regulated |
| TGIF1 | −1.041007004 | 8.014301167 | −11.86592656 | 7.24E-29 | 1.33E-27 | 54.45460143 | Down-regulated |
| C13orf18 | −1.248510895 | 6.573092412 | −11.83740395 | 9.46E-29 | 1.72E-27 | 54.18930961 | Down-regulated |
| CLEC17A | −1.69664358 | 2.841666926 | −11.81995962 | 1.11E-28 | 2.02E-27 | 54.02723747 | Down-regulated |
| HPD | −1.927205447 | 2.18309144 | −11.81475179 | 1.17E-28 | 2.11E-27 | 53.97887886 | Down-regulated |
| SRPX2 | −1.86746965 | 4.901453891 | −11.80963816 | 1.23E-28 | 2.21E-27 | 53.93140687 | Down-regulated |
| SECTM1 | −1.440711284 | 5.301340467 | −11.79317861 | 1.43E-28 | 2.57E-27 | 53.77868561 | Down-regulated |
| TNFRSF11A | −1.196124125 | 4.404429377 | −11.7847356 | 1.55E-28 | 2.77E-27 | 53.70039379 | Down-regulated |
| FCGR2B | −1.768215953 | 3.663379961 | −11.77719828 | 1.66E-28 | 2.96E-27 | 53.63052751 | Down-regulated |
| KCNMB1 | −1.18369144 | 6.113891245 | −11.76667226 | 1.83E-28 | 3.25E-27 | 53.53300081 | Down-regulated |
| HCP5 | −1.064526459 | 6.78302393 | −11.75181645 | 2.10E-28 | 3.72E-27 | 53.39544253 | Down-regulated |
| PDCD1 | −1.268594942 | 1.956342218 | −11.73402656 | 2.48E-28 | 4.36E-27 | 53.23084739 | Down-regulated |
| SOD2 | −1.102217121 | 11.75455409 | −11.7329375 | 2.51E-28 | 4.40E-27 | 53.22077596 | Down-regulated |
| PTPN22 | −1.300836965 | 2.252760895 | −11.72312273 | 2.75E-28 | 4.80E-27 | 53.13003432 | Down-regulated |
| CLEC5A | −2.105580156 | 3.651697471 | −11.66143052 | 4.88E-28 | 8.40E-27 | 52.56066934 | Down-regulated |
| HLA-DQB2 | −1.828447082 | 2.93299786 | −11.62083784 | 7.11E-28 | 1.21E-26 | 52.18698524 | Down-regulated |
| PDIA5 | −1.032277432 | 6.027332879 | −11.61884336 | 7.24E-28 | 1.24E-26 | 52.16864417 | Down-regulated |
| C21orf7 | −1.45548716 | 5.348045914 | −11.61483435 | 7.52E-28 | 1.28E-26 | 52.13178321 | Down-regulated |
| CXCR6 | −1.391289494 | 2.020354086 | −11.61272588 | 7.67E-28 | 1.30E-26 | 52.11239984 | Down-regulated |
| GZMK | −1.540420233 | 1.951782101 | −11.58250793 | 1.01E-27 | 1.71E-26 | 51.83482844 | Down-regulated |
| OAS2 | −1.18056537 | 7.83608463 | −11.56276729 | 1.22E-27 | 2.05E-26 | 51.65372621 | Down-regulated |
| CCDC109B | −1.260085214 | 6.053306809 | −11.55139081 | 1.35E-27 | 2.27E-26 | 51.54943965 | Down-regulated |
| IL1A | −1.438184436 | 3.162245136 | −11.53086136 | 1.63E-27 | 2.73E-26 | 51.36140151 | Down-regulated |
| LRAT | −1.69446537 | 5.671903502 | −11.50704336 | 2.04E-27 | 3.39E-26 | 51.14348848 | Down-regulated |
| INMT | −1.666405058 | 4.309871012 | −11.48044095 | 2.60E-27 | 4.30E-26 | 50.90041442 | Down-regulated |
| CLCF1 | −1.413927237 | 4.028036381 | −11.43799233 | 3.84E-27 | 6.30E-26 | 50.5132375 | Down-regulated |
| ABCC3 | −2.392123346 | 4.751118093 | −11.43327213 | 4.01E-27 | 6.57E-26 | 50.47023668 | Down-regulated |
| UBD | −1.618368872 | 4.925036965 | −11.42514709 | 4.32E-27 | 7.06E-26 | 50.39624261 | Down-regulated |
| IL15 | −1.192757977 | 2.929803113 | −11.37201453 | 7.03E-27 | 1.14E-25 | 49.91313985 | Down-regulated |
| FAM159A | −1.046767704 | 2.771026654 | −11.37048554 | 7.13E-27 | 1.15E-25 | 49.89925753 | Down-regulated |
| EGF | −1.262961479 | 5.118833268 | −11.35484099 | 8.23E-27 | 1.32E-25 | 49.75727821 | Down-regulated |
| PRRG4 | −1.070710895 | 4.515727432 | −11.32940269 | 1.04E-26 | 1.66E-25 | 49.52666682 | Down-regulated |
| F2RL1 | −1.48481751 | 5.958720039 | −11.26466134 | 1.87E-26 | 2.93E-25 | 48.94115356 | Down-regulated |
| SYNM | −1.072245525 | 11.20759864 | −11.24552298 | 2.23E-26 | 3.47E-25 | 48.76845527 | Down-regulated |
| GZMA | −1.535416732 | 2.365611479 | −11.2082854 | 3.13E-26 | 4.83E-25 | 48.43294419 | Down-regulated |
| OSM | −1.620845914 | 4.39663035 | −11.16620987 | 4.58E-26 | 7.00E-25 | 48.05465506 | Down-regulated |
| LSP1 | −1.45655642 | 6.577551362 | −11.15822082 | 4.92E-26 | 7.49E-25 | 47.98292544 | Down-regulated |
| PHEX | −1.396956031 | 3.452272568 | −11.09095634 | 9.04E-26 | 1.35E-24 | 47.38023415 | Down-regulated |
| TNC | −1.321924903 | 11.61437412 | −11.07421558 | 1.05E-25 | 1.56E-24 | 47.23058309 | Down-regulated |
| CCDC135 | −1.552244747 | 3.671477626 | −11.06146299 | 1.18E-25 | 1.75E-24 | 47.11667655 | Down-regulated |
| FAIM3 | −1.070303113 | 4.783453113 | −11.02888327 | 1.58E-25 | 2.33E-24 | 46.82603986 | Down-regulated |
| MORC1 | −1.122155253 | 2.082500973 | −11.02763031 | 1.60E-25 | 2.35E-24 | 46.81487301 | Down-regulated |
| SERPING1 | −1.287170039 | 9.690451946 | −11.02031943 | 1.71E-25 | 2.50E-24 | 46.74973133 | Down-regulated |
| NFATC2 | −1.37289144 | 4.803488911 | −10.98593357 | 2.32E-25 | 3.37E-24 | 46.44370251 | Down-regulated |
| GNG12 | −1.284948249 | 9.440518482 | −10.98127818 | 2.42E-25 | 3.51E-24 | 46.40231561 | Down-regulated |
| SKAP2 | −1.078756809 | 8.441057782 | −10.98058341 | 2.44E-25 | 3.53E-24 | 46.39613998 | Down-regulated |
| SIT1 | −1.082489494 | 1.425703113 | −10.9427562 | 3.42E-25 | 4.88E-24 | 46.06026879 | Down-regulated |
| C1S | −1.204257977 | 9.786670233 | −10.91012534 | 4.58E-25 | 6.49E-24 | 45.77111477 | Down-regulated |
| KLRB1 | −1.272952918 | 1.569921206 | −10.86143875 | 7.07E-25 | 9.91E-24 | 45.34068562 | Down-regulated |
| CD96 | −1.248042802 | 2.206894942 | −10.85996245 | 7.16E-25 | 1.00E-23 | 45.32765276 | Down-regulated |
| FCAR | −1.348506615 | 2.303354475 | −10.8566284 | 7.38E-25 | 1.03E-23 | 45.29822357 | Down-regulated |
| CD3D | −1.380052529 | 1.66952821 | −10.84051174 | 8.52E-25 | 1.18E-23 | 45.15604363 | Down-regulated |
| TAGAP | −1.0025 | 7.214379183 | −10.83537598 | 8.91E-25 | 1.24E-23 | 45.11076421 | Down-regulated |
| MAN1C1 | −1.122144747 | 9.030705837 | −10.83367026 | 9.05E-25 | 1.25E-23 | 45.09572869 | Down-regulated |
| HSPA7 | −1.594894553 | 4.366314202 | −10.82478201 | 9.79E-25 | 1.35E-23 | 45.01740484 | Down-regulated |
| SLC28A1 | −1.104624125 | 2.226684047 | −10.81185879 | 1.10E-24 | 1.51E-23 | 44.90359664 | Down-regulated |
| ACSM5 | −1.203649416 | 7.353018872 | −10.74177898 | 2.04E-24 | 2.78E-23 | 44.28793022 | Down-regulated |
| FAM20A | −1.343962646 | 4.788350584 | −10.73844054 | 2.11E-24 | 2.86E-23 | 44.25866439 | Down-regulated |
| TNFRSF8 | −1.539007782 | 3.394007393 | −10.69388238 | 3.12E-24 | 4.20E-23 | 43.86860421 | Down-regulated |
| TMEM71 | −1.352489883 | 3.797091634 | −10.6909217 | 3.20E-24 | 4.30E-23 | 43.84272304 | Down-regulated |
| FRRS1 | −1.135167315 | 2.234034241 | −10.65841846 | 4.27E-24 | 5.69E-23 | 43.55889066 | Down-regulated |
| RAB42 | −1.052932296 | 3.185989883 | −10.61797419 | 6.09E-24 | 7.98E-23 | 43.20648279 | Down-regulated |
| CLEC9A | −1.583008949 | 5.036735992 | −10.59412798 | 7.50E-24 | 9.82E-23 | 42.99910196 | Down-regulated |
| CTLA4 | −1.001768482 | 2.106702529 | −10.55625044 | 1.05E-23 | 1.36E-22 | 42.67031056 | Down-regulated |
| GFPT2 | −1.056615175 | 9.467978016 | −10.54921903 | 1.11E-23 | 1.44E-22 | 42.60935844 | Down-regulated |
| LRRN4CL | −1.586168872 | 5.162131518 | −10.53891709 | 1.22E-23 | 1.57E-22 | 42.52010282 | Down-regulated |
| FCER1A | −1.4465393 | 2.274669261 | −10.52536976 | 1.37E-23 | 1.76E-22 | 42.40281457 | Down-regulated |
| S100A9 | −1.611868093 | 5.687283852 | −10.50602555 | 1.62E-23 | 2.07E-22 | 42.23550747 | Down-regulated |
| RPE65 | −1.724884047 | 7.02253463 | −10.48588326 | 1.93E-23 | 2.45E-22 | 42.06150888 | Down-regulated |
| TAS1R1 | −1.163800778 | 3.023424125 | −10.462294 | 2.37E-23 | 2.98E-22 | 41.85800821 | Down-regulated |
| CLEC10A | −1.415216342 | 2.222763813 | −10.45774934 | 2.47E-23 | 3.10E-22 | 41.81883625 | Down-regulated |
| IL2RB | −1.356959922 | 3.579311089 | −10.44781765 | 2.69E-23 | 3.37E-22 | 41.73327007 | Down-regulated |
| C8orf4 | −1.262489105 | 7.466185798 | −10.41688576 | 3.52E-23 | 4.37E-22 | 41.46711542 | Down-regulated |
| CH25H | −1.605883658 | 7.311619261 | −10.40512435 | 3.90E-23 | 4.82E-22 | 41.36604851 | Down-regulated |
| HOXB2 | −1.532121012 | 2.848941051 | −10.36547556 | 5.50E-23 | 6.72E-22 | 41.02589074 | Down-regulated |
| OASL | −1.360075097 | 4.745441051 | −10.33795914 | 6.97E-23 | 8.45E-22 | 40.7903185 | Down-regulated |
| AR | −1.487792607 | 5.430444163 | −10.3377302 | 6.99E-23 | 8.46E-22 | 40.78836019 | Down-regulated |
| LCK | −1.195047082 | 2.785641829 | −10.28905823 | 1.06E-22 | 1.27E-21 | 40.37268299 | Down-regulated |
| ECHDC3 | −1.152760311 | 4.596480934 | −10.28899937 | 1.06E-22 | 1.27E-21 | 40.37218114 | Down-regulated |
| KIAA0040 | −1.134923735 | 7.564525292 | −10.28680431 | 1.08E-22 | 1.29E-21 | 40.3534649 | Down-regulated |
| HGF | −1.315640467 | 4.651098054 | −10.24554261 | 1.54E-22 | 1.83E-21 | 40.00213522 | Down-regulated |
| P2RY12 | −1.253342802 | 9.30434144 | −10.20400214 | 2.21E-22 | 2.59E-21 | 39.64937352 | Down-regulated |
| HOXA1 | −1.358066537 | 1.889452724 | −10.15915434 | 3.24E-22 | 3.75E-21 | 39.2695917 | Down-regulated |
| MAMDC2 | −1.194424514 | 4.650904475 | −10.12440919 | 4.35E-22 | 4.98E-21 | 38.97612579 | Down-regulated |
| MMRN1 | −1.288553307 | 5.435143191 | −10.12317309 | 4.40E-22 | 5.03E-21 | 38.96569776 | Down-regulated |
| PI16 | −1.807168093 | 7.982208171 | −10.09909082 | 5.40E-22 | 6.13E-21 | 38.76270277 | Down-regulated |
| C19orf51 | −1.399660311 | 3.857877626 | −10.09355861 | 5.66E-22 | 6.42E-21 | 38.71611606 | Down-regulated |
| EFEMP1 | −1.150947082 | 10.98674514 | −10.07510271 | 6.62E-22 | 7.47E-21 | 38.56082251 | Down-regulated |
| ITGB3 | −1.210431907 | 4.678488327 | −10.04729946 | 8.38E-22 | 9.38E-21 | 38.32723679 | Down-regulated |
| CXCL10 | −1.877805058 | 3.756034825 | −10.0126071 | 1.12E-21 | 1.24E-20 | 38.03638026 | Down-regulated |
| PGAM2 | −1.163366148 | 7.359481518 | −9.943741571 | 2.01E-21 | 2.17E-20 | 37.46102811 | Down-regulated |
| HSPA6 | −1.399227237 | 6.148145914 | −9.913788059 | 2.59E-21 | 2.77E-20 | 37.21161253 | Down-regulated |
| STEAP3 | −1.286483658 | 7.748886187 | −9.913284728 | 2.60E-21 | 2.78E-20 | 37.20742577 | Down-regulated |
| PIGR | −1.177896109 | 2.738535603 | −9.864531273 | 3.91E-21 | 4.13E-20 | 36.80257359 | Down-regulated |
| NKG7 | −1.202342802 | 3.368786965 | −9.845949123 | 4.57E-21 | 4.79E-20 | 36.64862346 | Down-regulated |
| AIM1 | −1.172716732 | 5.023451751 | −9.843555061 | 4.66E-21 | 4.88E-20 | 36.62880342 | Down-regulated |
| MSLN | −1.590979767 | 3.570994163 | −9.815015493 | 5.92E-21 | 6.15E-20 | 36.39278241 | Down-regulated |
| UPK3A | −1.118440467 | 1.586374319 | −9.771777342 | 8.48E-21 | 8.69E-20 | 36.0360976 | Down-regulated |
| COL4A6 | −1.466631907 | 5.430492996 | −9.732409433 | 1.18E-20 | 1.19E-19 | 35.71227907 | Down-regulated |
| MRGPRF | −1.041895331 | 5.913511479 | −9.731146069 | 1.19E-20 | 1.20E-19 | 35.70190221 | Down-regulated |
| MACC1 | −1.16648677 | 2.237620428 | −9.72832768 | 1.22E-20 | 1.23E-19 | 35.67875623 | Down-regulated |
| F13A1 | −1.511703113 | 6.696680739 | −9.721578754 | 1.29E-20 | 1.30E-19 | 35.62334953 | Down-regulated |
| CCL8 | −1.493571595 | 2.473727821 | −9.714056492 | 1.37E-20 | 1.38E-19 | 35.56162516 | Down-regulated |
| CAV1 | −1.09437393 | 8.849564397 | −9.655650536 | 2.22E-20 | 2.20E-19 | 35.08349336 | Down-regulated |
| CYR61 | −1.402865759 | 9.049838327 | −9.655513114 | 2.22E-20 | 2.20E-19 | 35.08237072 | Down-regulated |
| FOSL1 | −1.313501167 | 4.603968872 | −9.630343579 | 2.74E-20 | 2.69E-19 | 34.87694093 | Down-regulated |
| DUSP27 | −1.019967315 | 4.537813619 | −9.611701893 | 3.19E-20 | 3.12E-19 | 34.72503004 | Down-regulated |
| LOC100272216 | −1.000625681 | 3.820614397 | −9.609559031 | 3.25E-20 | 3.17E-19 | 34.70758097 | Down-regulated |
| ASIP | −1.093723735 | 2.37888249 | −9.607673032 | 3.30E-20 | 3.22E-19 | 34.69222575 | Down-regulated |
| TMEM176A | −1.123149027 | 8.128397471 | −9.59053598 | 3.80E-20 | 3.69E-19 | 34.55279706 | Down-regulated |
| C1orf130 | −1.225489105 | 3.098113424 | −9.588897639 | 3.85E-20 | 3.73E-19 | 34.53947643 | Down-regulated |
| WWTR1 | −1.119136965 | 7.999725292 | −9.577528961 | 4.23E-20 | 4.09E-19 | 34.44708628 | Down-regulated |
| METTL7B | −1.602922179 | 7.099768872 | −9.55628262 | 5.03E-20 | 4.84E-19 | 34.27462767 | Down-regulated |
| CSRP2 | −1.039418288 | 10.26491732 | −9.555406186 | 5.07E-20 | 4.87E-19 | 34.2675193 | Down-regulated |
| DOK2 | −1.085992607 | 3.500013424 | −9.548537481 | 5.36E-20 | 5.13E-19 | 34.21182603 | Down-regulated |
| LOXL2 | −1.046472374 | 7.624073152 | −9.547017532 | 5.43E-20 | 5.20E-19 | 34.19950565 | Down-regulated |
| CLEC18B | −1.274107393 | 5.16413463 | −9.527965369 | 6.34E-20 | 6.04E-19 | 34.04518915 | Down-regulated |
| HOXC4 | −1.494390272 | 4.088386965 | −9.512218092 | 7.22E-20 | 6.84E-19 | 33.91780379 | Down-regulated |
| MLXIPL | −1.13926537 | 7.066189494 | −9.479880884 | 9.40E-20 | 8.82E-19 | 33.65667908 | Down-regulated |
| TEAD4 | −1.166726459 | 5.304580739 | −9.479233485 | 9.45E-20 | 8.86E-19 | 33.65145767 | Down-regulated |
| LOC643008 | −1.014589494 | 5.675737549 | −9.439069388 | 1.31E-19 | 1.21E-18 | 33.3280149 | Down-regulated |
| JUNB | −1.017958366 | 10.16009864 | −9.418981689 | 1.54E-19 | 1.42E-18 | 33.16661043 | Down-regulated |
| HLA-G | −1.038680156 | 4.724572763 | −9.410613035 | 1.65E-19 | 1.52E-18 | 33.09943985 | Down-regulated |
| DNASE2B | −1.002049027 | 2.415767704 | −9.396598481 | 1.85E-19 | 1.69E-18 | 32.98704704 | Down-regulated |
| ATF3 | −1.038227237 | 7.938991051 | −9.312255968 | 3.66E-19 | 3.28E-18 | 32.313147 | Down-regulated |
| GPNMB | −1.451871206 | 8.629196304 | −9.303271948 | 3.93E-19 | 3.51E-18 | 32.24161831 | Down-regulated |
| POM121L9P | −1.100137354 | 4.394165564 | −9.301336095 | 3.99E-19 | 3.57E-18 | 32.22621192 | Down-regulated |
| TKTL1 | −1.354538132 | 4.617646498 | −9.257833648 | 5.66E-19 | 5.00E-18 | 31.8806018 | Down-regulated |
| CRB2 | −1.266841245 | 8.468335409 | −9.243674667 | 6.34E-19 | 5.59E-18 | 31.76836332 | Down-regulated |
| CD274 | −1.004009728 | 3.573005253 | −9.234858112 | 6.81E-19 | 5.99E-18 | 31.6985363 | Down-regulated |
| NNMT | −1.49497821 | 5.30772179 | −9.226657557 | 7.27E-19 | 6.38E-18 | 31.63363073 | Down-regulated |
| HLA-DOB | −1.062049416 | 3.133637938 | −9.212512999 | 8.14E-19 | 7.12E-18 | 31.52177658 | Down-regulated |
| C1orf194 | −1.267791829 | 5.178312646 | −9.189472286 | 9.79E-19 | 8.51E-18 | 31.33983533 | Down-regulated |
| SIGLEC1 | −1.242638521 | 6.649481128 | −9.176744479 | 1.08E-18 | 9.40E-18 | 31.23947009 | Down-regulated |
| ITK | −1.32369144 | 2.703058949 | −9.17656871 | 1.08E-18 | 9.40E-18 | 31.23808476 | Down-regulated |
| MMP7 | −1.531692218 | 2.139330545 | −9.152126259 | 1.32E-18 | 1.13E-17 | 31.04562625 | Down-regulated |
| FOS | −1.248911284 | 11.30268444 | −9.147974028 | 1.36E-18 | 1.17E-17 | 31.01296847 | Down-regulated |
| HCG22 | −1.38285214 | 4.715461479 | −9.131405294 | 1.55E-18 | 1.33E-17 | 30.88275955 | Down-regulated |
| IDO1 | −1.284730739 | 1.205868872 | −9.119343768 | 1.71E-18 | 1.45E-17 | 30.78807837 | Down-regulated |
| CD93 | −1.055541634 | 8.363430739 | −9.105520958 | 1.91E-18 | 1.62E-17 | 30.67968227 | Down-regulated |
| LTF | −2.42803035 | 4.640249027 | −9.071540958 | 2.50E-18 | 2.10E-17 | 30.41372149 | Down-regulated |
| S100A8 | −1.456363424 | 4.668683658 | −9.039574884 | 3.22E-18 | 2.67E-17 | 30.16418023 | Down-regulated |
| LOC400759 | −1.092936965 | 2.699380934 | −9.026550219 | 3.56E-18 | 2.95E-17 | 30.06268697 | Down-regulated |
| IL6 | −1.390379767 | 2.843964981 | −9.015962128 | 3.87E-18 | 3.19E-17 | 29.98025867 | Down-regulated |
| SPATA17 | −1.034622957 | 3.243169844 | −9.010796336 | 4.03E-18 | 3.33E-17 | 29.94006846 | Down-regulated |
| IL1B | −1.633548249 | 6.254575292 | −9.006203226 | 4.18E-18 | 3.44E-17 | 29.90434781 | Down-regulated |
| C6 | −1.218404669 | 1.422666537 | −8.983883088 | 4.99E-18 | 4.08E-17 | 29.73095241 | Down-regulated |
| SFRP4 | −1.303958366 | 7.049610311 | −8.963581552 | 5.85E-18 | 4.76E-17 | 29.57351058 | Down-regulated |
| FAM3B | −1.049249805 | 1.845661479 | −8.945852156 | 6.72E-18 | 5.44E-17 | 29.43622849 | Down-regulated |
| FOXJ1 | −1.22455642 | 7.253235798 | −8.885509246 | 1.08E-17 | 8.56E-17 | 28.97047044 | Down-regulated |
| GSDMA | −1.152241634 | 2.327882685 | −8.80310356 | 2.04E-17 | 1.59E-16 | 28.33815761 | Down-regulated |
| SERPINA5 | −1.706296498 | 3.389094553 | −8.779421161 | 2.45E-17 | 1.90E-16 | 28.15724123 | Down-regulated |
| FLNC | −1.361159533 | 9.075788716 | −8.745055418 | 3.20E-17 | 2.45E-16 | 27.89535216 | Down-regulated |
| GZMH | −1.052805447 | 1.882175875 | −8.73743565 | 3.39E-17 | 2.60E-16 | 27.83738753 | Down-regulated |
| ISG15 | −1.061680934 | 8.700215953 | −8.727873708 | 3.65E-17 | 2.78E-16 | 27.76470147 | Down-regulated |
| EMILIN2 | −1.085799611 | 6.110858171 | −8.661738473 | 6.07E-17 | 4.53E-16 | 27.26358554 | Down-regulated |
| NMB | −1.227268482 | 10.47863035 | −8.615184353 | 8.66E-17 | 6.40E-16 | 26.91254052 | Down-regulated |
| DIRAS3 | −1.152062646 | 6.331875681 | −8.591077075 | 1.04E-16 | 7.62E-16 | 26.73131284 | Down-regulated |
| CDSN | −1.130128794 | 2.460732101 | −8.556059969 | 1.36E-16 | 9.85E-16 | 26.46874706 | Down-regulated |
| HAS2 | −1.174545914 | 6.182708755 | −8.554870686 | 1.37E-16 | 9.93E-16 | 26.45984367 | Down-regulated |
| NLRP4 | −1.251492218 | 2.27798035 | −8.554334189 | 1.38E-16 | 9.97E-16 | 26.45582756 | Down-regulated |
| EMP3 | −1.475509728 | 6.577466926 | −8.538257611 | 1.55E-16 | 1.12E-15 | 26.33556943 | Down-regulated |
| IQGAP2 | −1.222763813 | 7.091741829 | −8.50219991 | 2.04E-16 | 1.46E-15 | 26.066464 | Down-regulated |
| EGR2 | −1.289602724 | 7.826959339 | −8.500277759 | 2.07E-16 | 1.48E-15 | 26.05214267 | Down-regulated |
| HOXB4 | −1.30895214 | 1.752085798 | −8.48779423 | 2.27E-16 | 1.62E-15 | 25.95919124 | Down-regulated |
| SLAMF7 | −1.196685603 | 2.633210506 | −8.477698831 | 2.45E-16 | 1.74E-15 | 25.88409691 | Down-regulated |
| COL14A1 | −1.270752529 | 6.506671206 | −8.46642979 | 2.67E-16 | 1.89E-15 | 25.80035207 | Down-regulated |
| ST6GALNAC2 | −1.060720623 | 4.683725681 | −8.424573547 | 3.66E-16 | 2.57E-15 | 25.49003775 | Down-regulated |
| TGFB2 | −1.204978988 | 8.740492607 | −8.410599212 | 4.06E-16 | 2.84E-15 | 25.38669364 | Down-regulated |
| FOXD1 | −1.145586381 | 6.618180739 | −8.407702826 | 4.15E-16 | 2.90E-15 | 25.3652903 | Down-regulated |
| LIPG | −1.111922957 | 7.031229961 | −8.398972994 | 4.43E-16 | 3.09E-15 | 25.30081352 | Down-regulated |
| WDR38 | −1.414166148 | 2.188644942 | −8.369980059 | 5.51E-16 | 3.81E-15 | 25.08704201 | Down-regulated |
| WDR49 | −1.091555253 | 6.354232101 | −8.346301779 | 6.57E-16 | 4.52E-15 | 24.91287312 | Down-regulated |
| CELSR1 | −1.262603891 | 5.266204669 | −8.324226725 | 7.74E-16 | 5.30E-15 | 24.75083504 | Down-regulated |
| TNF | −1.405941634 | 4.738990661 | −8.320950047 | 7.94E-16 | 5.42E-15 | 24.72681101 | Down-regulated |
| CA3 | −1.380498054 | 4.163099611 | −8.3192174 | 8.04E-16 | 5.49E-15 | 24.71411045 | Down-regulated |
| C10orf81 | −1.361159922 | 1.968068288 | −8.271572564 | 1.14E-15 | 7.69E-15 | 24.36565752 | Down-regulated |
| GNLY | −1.242168872 | 3.548675486 | −8.258629607 | 1.26E-15 | 8.43E-15 | 24.27126261 | Down-regulated |
| DTHD1 | −1.072912062 | 2.482099611 | −8.245346156 | 1.39E-15 | 9.25E-15 | 24.17450203 | Down-regulated |
| DHRS9 | −1.234544358 | 6.499883074 | −8.239875501 | 1.45E-15 | 9.60E-15 | 24.13468682 | Down-regulated |
| EN2 | −1.165945525 | 4.383340467 | −8.239492193 | 1.45E-15 | 9.62E-15 | 24.13189788 | Down-regulated |
| SERPINE1 | −1.432181712 | 7.785460506 | −8.203010814 | 1.90E-15 | 1.25E-14 | 23.86691532 | Down-regulated |
| GPRC5A | −1.272858366 | 3.31841751 | −8.154549725 | 2.71E-15 | 1.75E-14 | 23.51631529 | Down-regulated |
| IL7R | −1.021132685 | 2.143333268 | −8.145492556 | 2.89E-15 | 1.87E-14 | 23.45096699 | Down-regulated |
| CHST9 | −1.263871595 | 9.313980156 | −8.140369011 | 3.01E-15 | 1.94E-14 | 23.41402492 | Down-regulated |
| SLC47A2 | −1.671051751 | 4.554570623 | −8.119547045 | 3.50E-15 | 2.25E-14 | 23.26407771 | Down-regulated |
| ABCA13 | −1.109949027 | 2.83486751 | −8.097700408 | 4.10E-15 | 2.63E-14 | 23.1070702 | Down-regulated |
| TC2N | −1.213512062 | 5.232155642 | −8.080906693 | 4.64E-15 | 2.96E-14 | 22.98659934 | Down-regulated |
| C3orf16 | −1.053223735 | 1.471050389 | −8.073847021 | 4.88E-15 | 3.10E-14 | 22.93601408 | Down-regulated |
| ADAM6 | −1.69409572 | 4.930699611 | −8.062914203 | 5.29E-15 | 3.35E-14 | 22.85774378 | Down-regulated |
| SLC34A2 | −1.341807782 | 2.607584047 | −8.026987725 | 6.86E-15 | 4.30E-14 | 22.60111784 | Down-regulated |
| COL1A1 | −1.521020233 | 7.790177432 | −8.013800097 | 7.54E-15 | 4.70E-14 | 22.50714069 | Down-regulated |
| IL2RA | −1.062707393 | 1.266478599 | −7.987384899 | 9.13E-15 | 5.65E-14 | 22.3192631 | Down-regulated |
| COL15A1 | −1.087385603 | 4.640854669 | −7.964462764 | 1.08E-14 | 6.62E-14 | 22.15662124 | Down-regulated |
| AMICA1 | −1.129754475 | 3.84798463 | −7.941616019 | 1.27E-14 | 7.74E-14 | 21.99487698 | Down-regulated |
| CXCL11 | −1.224861479 | 2.81317821 | −7.931606006 | 1.36E-14 | 8.28E-14 | 21.92412504 | Down-regulated |
| FGFBP2 | −1.127710506 | 3.752897276 | −7.913889467 | 1.55E-14 | 9.37E-14 | 21.7990734 | Down-regulated |
| AQP7P1 | −1.341333463 | 3.217203696 | −7.881770717 | 1.95E-14 | 1.17E-13 | 21.57292216 | Down-regulated |
| SULF1 | −1.32563035 | 8.66479144 | −7.870912159 | 2.11E-14 | 1.26E-13 | 21.49662896 | Down-regulated |
| NSUN7 | −1.054257588 | 3.430814397 | −7.856174771 | 2.34E-14 | 1.39E-13 | 21.39321472 | Down-regulated |
| GJA1 | −1.016491051 | 12.80415409 | −7.836909952 | 2.68E-14 | 1.58E-13 | 21.25826035 | Down-regulated |
| CCL4 | −1.531377432 | 6.920590272 | −7.778654105 | 4.05E-14 | 2.36E-13 | 20.8517514 | Down-regulated |
| HOXB3 | −1.437262646 | 2.577265175 | −7.721038682 | 6.08E-14 | 3.49E-13 | 20.45206575 | Down-regulated |
| SOCS3 | −1.269312451 | 7.418411868 | −7.716067725 | 6.30E-14 | 3.61E-13 | 20.41769169 | Down-regulated |
| TNFSF13B | −1.195243969 | 5.306807198 | −7.686043973 | 7.78E-14 | 4.42E-13 | 20.21045099 | Down-regulated |
| ADAMTS15 | −1.24721751 | 5.05292393 | −7.669882535 | 8.71E-14 | 4.93E-13 | 20.09916102 | Down-regulated |
| ABI3BP | −1.083231128 | 8.668647082 | −7.664349422 | 9.05E-14 | 5.11E-13 | 20.06110194 | Down-regulated |
| CCL3 | −1.49734786 | 7.603744358 | −7.644758867 | 1.04E-13 | 5.84E-13 | 19.92652529 | Down-regulated |
| FAM181A | −1.369550584 | 6.108354669 | −7.565000498 | 1.81E-13 | 9.93E-13 | 19.38146059 | Down-regulated |
| CXCL9 | −1.285325681 | 3.463274903 | −7.541629636 | 2.12E-13 | 1.16E-12 | 19.22260998 | Down-regulated |
| C1orf87 | −1.100599611 | 1.703081128 | −7.523118104 | 2.41E-13 | 1.31E-12 | 19.09706712 | Down-regulated |
| ANKRD35 | −1.088620623 | 6.92990642 | −7.472257942 | 3.42E-13 | 1.84E-12 | 18.75341362 | Down-regulated |
| GSDMC | −1.214006226 | 3.355221012 | −7.432194473 | 4.50E-13 | 2.40E-12 | 18.4840306 | Down-regulated |
| FCGR3B | −1.017017121 | 3.501556809 | −7.419277424 | 4.92E-13 | 2.61E-12 | 18.39742612 | Down-regulated |
| HOXA10 | −1.736806226 | 2.680987938 | −7.401370362 | 5.55E-13 | 2.94E-12 | 18.27756613 | Down-regulated |
| FAP | −1.031205447 | 4.340151751 | −7.39975447 | 5.62E-13 | 2.97E-12 | 18.26676173 | Down-regulated |
| PIRT | −1.328883268 | 6.568816732 | −7.352628524 | 7.73E-13 | 4.05E-12 | 17.95250004 | Down-regulated |
| TGFBI | −1.04595642 | 8.763150195 | −7.33439059 | 8.75E-13 | 4.56E-12 | 17.83131533 | Down-regulated |
| TIMP1 | −1.199914786 | 8.349786576 | −7.296213875 | 1.13E-12 | 5.85E-12 | 17.57843411 | Down-regulated |
| CYP4F12 | −1.258174708 | 3.221439883 | −7.257321051 | 1.47E-12 | 7.50E-12 | 17.32191142 | Down-regulated |
| PGA3 | −1.296945525 | 3.258342023 | −7.254906221 | 1.49E-12 | 7.62E-12 | 17.30602085 | Down-regulated |
| C21orf62 | −1.150849416 | 7.547464397 | −7.22950417 | 1.77E-12 | 8.97E-12 | 17.13912579 | Down-regulated |
| CHI3L1 | −1.94300856 | 8.733262257 | −7.219877705 | 1.89E-12 | 9.55E-12 | 17.07600316 | Down-regulated |
| psiTPTE22 | −1.705584047 | 7.138671012 | −7.201637617 | 2.13E-12 | 1.07E-11 | 16.95658742 | Down-regulated |
| SDC4 | −1.110754864 | 9.461364981 | −7.097363017 | 4.25E-12 | 2.08E-11 | 16.27865857 | Down-regulated |
| SLN | −1.464761479 | 4.320826654 | −7.092242006 | 4.40E-12 | 2.16E-11 | 16.24557373 | Down-regulated |
| MGP | −1.138171595 | 8.047342218 | −7.065772935 | 5.23E-12 | 2.55E-11 | 16.07488025 | Down-regulated |
| CPZ | −1.065742412 | 4.09393463 | −7.043015136 | 6.08E-12 | 2.95E-11 | 15.92853969 | Down-regulated |
| IGJ | −1.087330739 | 2.425819455 | −7.042091366 | 6.11E-12 | 2.97E-11 | 15.92260774 | Down-regulated |
| APLNR | −1.109621012 | 10.78605875 | −7.038102722 | 6.27E-12 | 3.04E-11 | 15.89700216 | Down-regulated |
| IRX5 | −1.207505447 | 2.742190078 | −7.030289052 | 6.60E-12 | 3.19E-11 | 15.84687601 | Down-regulated |
| PLA2G2A | −1.291986381 | 1.194814202 | −7.010818114 | 7.50E-12 | 3.61E-11 | 15.72216599 | Down-regulated |
| CD5L | −1.055054475 | 2.213350973 | −6.994898697 | 8.32E-12 | 3.99E-11 | 15.62041522 | Down-regulated |
| EGR1 | −1.05244786 | 11.04320798 | −6.977841167 | 9.30E-12 | 4.44E-11 | 15.51160204 | Down-regulated |
| SH2D4A | −1.050150973 | 3.596007393 | −6.928672199 | 1.28E-11 | 6.06E-11 | 15.19917375 | Down-regulated |
| YSK4 | −1.302816732 | 2.680495525 | −6.913230389 | 1.41E-11 | 6.66E-11 | 15.10143137 | Down-regulated |
| COL8A1 | −1.268347082 | 3.780150584 | −6.871271189 | 1.85E-11 | 8.62E-11 | 14.8367554 | Down-regulated |
| LILRA4 | −1.143050973 | 5.093564397 | −6.869690059 | 1.87E-11 | 8.70E-11 | 14.82680791 | Down-regulated |
| C7orf57 | −1.256980156 | 2.620392023 | −6.857489886 | 2.02E-11 | 9.35E-11 | 14.75011593 | Down-regulated |
| CCL4L2 | −1.402978599 | 6.477385798 | −6.835805008 | 2.32E-11 | 1.07E-10 | 14.61408176 | Down-regulated |
| HOXA11 | −1.351412062 | 1.840535603 | −6.813774979 | 2.67E-11 | 1.22E-10 | 14.47624988 | Down-regulated |
| FNDC1 | −1.083277821 | 3.06860428 | −6.812061547 | 2.70E-11 | 1.24E-10 | 14.46554526 | Down-regulated |
| LIF | −1.080065759 | 4.471205642 | −6.790629583 | 3.10E-11 | 1.41E-10 | 14.33183936 | Down-regulated |
| TNFRSF11B | −1.061727626 | 4.120819844 | −6.684816356 | 6.05E-11 | 2.68E-10 | 13.67687812 | Down-regulated |
| SCN7A | −1.327222957 | 4.321992412 | −6.665592914 | 6.82E-11 | 3.01E-10 | 13.55881509 | Down-regulated |
| ALOX15B | −1.339336965 | 4.763250973 | −6.665267715 | 6.83E-11 | 3.02E-10 | 13.5568203 | Down-regulated |
| C4orf31 | −1.183536187 | 5.667043969 | −6.658955677 | 7.11E-11 | 3.14E-10 | 13.51811807 | Down-regulated |
| HOXA13 | −1.307084047 | 2.029629572 | −6.604138634 | 1.00E-10 | 4.34E-10 | 13.18330552 | Down-regulated |
| C10orf105 | −1.063014397 | 5.861716148 | −6.55464848 | 1.36E-10 | 5.85E-10 | 12.88303373 | Down-regulated |
| PGA4 | −1.091216732 | 1.448114202 | −6.333367646 | 5.25E-10 | 2.13E-09 | 11.56391887 | Down-regulated |
| CCL3L1 | −1.419510117 | 5.544709922 | −6.305835801 | 6.19E-10 | 2.49E-09 | 11.40249647 | Down-regulated |
| COL6A3 | −1.001720623 | 5.595465759 | −6.27810619 | 7.31E-10 | 2.93E-09 | 11.24052313 | Down-regulated |
| GBX2 | −1.03846965 | 5.21623716 | −6.270831433 | 7.63E-10 | 3.05E-09 | 11.19813134 | Down-regulated |
| HOXA11AS | −1.033075875 | 1.462430156 | −6.244783441 | 8.91E-10 | 3.54E-09 | 11.04668905 | Down-regulated |
| HAND2 | −1.267849027 | 2.180068872 | −6.229670509 | 9.75E-10 | 3.86E-09 | 10.95907097 | Down-regulated |
| MMP9 | −1.217285603 | 3.157723735 | −6.198951301 | 1.17E-09 | 4.60E-09 | 10.78153706 | Down-regulated |
| DDIT4L | −1.265359922 | 4.505237938 | −6.175132041 | 1.35E-09 | 5.27E-09 | 10.64439948 | Down-regulated |
| OSR2 | −1.042889494 | 1.920883658 | −6.15510554 | 1.51E-09 | 5.90E-09 | 10.52945041 | Down-regulated |
| COL3A1 | −1.159503891 | 7.683005642 | −6.106235742 | 2.02E-09 | 7.77E-09 | 10.25029781 | Down-regulated |
| HOXA4 | −1.177403502 | 1.592067121 | −6.099983081 | 2.09E-09 | 8.04E-09 | 10.21472026 | Down-regulated |
| FOXD3 | −1.090349027 | 2.714756615 | −6.099130055 | 2.10E-09 | 8.08E-09 | 10.20986899 | Down-regulated |
| CCL3L3 | −1.117902724 | 3.800013619 | −6.091662164 | 2.19E-09 | 8.43E-09 | 10.16742323 | Down-regulated |
| TRPM8 | −1.180666926 | 2.405861479 | −6.045041789 | 2.88E-09 | 1.09E-08 | 9.90346159 | Down-regulated |
| FAM81B | −1.042128405 | 1.674751362 | −5.906584995 | 6.36E-09 | 2.34E-08 | 9.129917165 | Down-regulated |
| AQP1 | −1.085856809 | 12.12575253 | −5.890909206 | 6.96E-09 | 2.55E-08 | 9.04332218 | Down-regulated |
| REM1 | −1.009744358 | 4.459453502 | −5.855914692 | 8.48E-09 | 3.08E-08 | 8.85073352 | Down-regulated |
| IBSP | −1.093270428 | 1.528948444 | −5.833644166 | 9.61E-09 | 3.47E-08 | 8.728692539 | Down-regulated |
| DEFB119 | −1.063013619 | 1.16715428 | −5.819226827 | 1.04E-08 | 3.74E-08 | 8.649903563 | Down-regulated |
| TFCP2L1 | −1.018636187 | 6.000425486 | −5.697004668 | 2.06E-08 | 7.17E-08 | 7.988852483 | Down-regulated |
| MSTN | −1.068687549 | 7.455001362 | −5.649683448 | 2.67E-08 | 9.18E-08 | 7.736228468 | Down-regulated |
| POU4F1 | −1.020864981 | 3.349800584 | −5.565966002 | 4.21E-08 | 1.42E-07 | 7.293864966 | Down-regulated |
| ACY3 | −1.060757977 | 6.054702724 | −5.555851527 | 4.44E-08 | 1.50E-07 | 7.240815848 | Down-regulated |
| HOXA7 | −1.370580934 | 2.272285798 | −5.549933165 | 4.59E-08 | 1.54E-07 | 7.209814462 | Down-regulated |
| SLC14A1 | −1.240028405 | 9.040642996 | −5.491602121 | 6.28E-08 | 2.08E-07 | 6.90583547 | Down-regulated |
| OR4N2 | −1.115833074 | 2.983255447 | −5.445140977 | 8.04E-08 | 2.63E-07 | 6.665756769 | Down-regulated |
| COL11A1 | −1.026035798 | 7.457261868 | −4.858254462 | 1.58E-06 | 4.51E-06 | 3.791345171 | Down-regulated |
| COL22A1 | −1.053474708 | 5.747605837 | −4.502948538 | 8.30E-06 | 2.19E-05 | 2.196421416 | Down-regulated |
| IRX1 | −1.070482879 | 6.056820428 | −4.449542027 | 1.06E-05 | 2.75E-05 | 1.966334423 | Down-regulated |
| SHOX2 | −1.005735798 | 2.314616148 | −4.434396467 | 1.13E-05 | 2.93E-05 | 1.901546376 | Down-regulated |