DEGs based on stromal score group

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Row.names(tT) | logFC | AveExpr | t | P value | adj.P.Val | B | Regulated |
| SLC25A27 | 1.023098298 | 8.770740856 | 14.85325848 | 9.03E-42 | 4.58E-40 | 84.1009413 | Up-regulated |
| TPTE2P1 | 1.430336498 | 6.224357198 | 13.27742343 | 8.59E-35 | 2.78E-33 | 68.14636975 | Up-regulated |
| MAST1 | 1.212140422 | 9.630185992 | 13.06008 | 7.39E-34 | 2.24E-32 | 66.01141835 | Up-regulated |
| KCNIP2 | 1.74766617 | 9.393152724 | 12.84902755 | 5.87E-33 | 1.70E-31 | 63.955159 | Up-regulated |
| LOC157627 | 1.847158079 | 7.145319455 | 12.84755659 | 5.95E-33 | 1.72E-31 | 63.94088733 | Up-regulated |
| BRSK2 | 1.015012091 | 9.523028988 | 12.62072908 | 5.42E-32 | 1.48E-30 | 61.75025324 | Up-regulated |
| CELSR3 | 1.264769901 | 9.851571595 | 12.59487425 | 6.96E-32 | 1.88E-30 | 61.50184671 | Up-regulated |
| RUNDC3A | 1.153620182 | 11.01794903 | 12.56584553 | 9.21E-32 | 2.46E-30 | 61.22326572 | Up-regulated |
| NCRNA00176 | 1.449279566 | 5.310254669 | 12.42210023 | 3.68E-31 | 9.44E-30 | 59.8488086 | Up-regulated |
| SCRT1 | 2.095255769 | 8.102939883 | 12.34960144 | 7.39E-31 | 1.86E-29 | 59.1588052 | Up-regulated |
| SMCR5 | 1.204982361 | 2.859489105 | 12.22236882 | 2.49E-30 | 6.09E-29 | 57.95316907 | Up-regulated |
| INSM2 | 1.981623498 | 4.064814202 | 12.10515549 | 7.59E-30 | 1.81E-28 | 56.84853333 | Up-regulated |
| SMPD3 | 1.048215228 | 8.67351751 | 12.05686924 | 1.20E-29 | 2.83E-28 | 56.39519006 | Up-regulated |
| LOC285696 | 1.423730396 | 3.501185992 | 11.88422616 | 6.10E-29 | 1.37E-27 | 54.7826103 | Up-regulated |
| C2orf85 | 1.82115334 | 8.167761089 | 11.85062292 | 8.36E-29 | 1.85E-27 | 54.47026531 | Up-regulated |
| UNC13A | 1.191295658 | 10.65467432 | 11.83935194 | 9.29E-29 | 2.05E-27 | 54.36561312 | Up-regulated |
| LRIT2 | 1.33117976 | 4.387159339 | 11.81138159 | 1.21E-28 | 2.64E-27 | 54.1061509 | Up-regulated |
| DGCR9 | 1.187507604 | 6.928216732 | 11.7821473 | 1.59E-28 | 3.43E-27 | 53.83533864 | Up-regulated |
| CELF3 | 1.440621566 | 9.409568482 | 11.71847623 | 2.87E-28 | 6.08E-27 | 53.24685326 | Up-regulated |
| CDHR1 | 1.305081825 | 9.616825486 | 11.66200271 | 4.85E-28 | 1.01E-26 | 52.7264307 | Up-regulated |
| CDK5R1 | 1.000388639 | 10.75394377 | 11.66052272 | 4.92E-28 | 1.03E-26 | 52.71281169 | Up-regulated |
| CHGB | 1.615346045 | 10.65332412 | 11.59769142 | 8.81E-28 | 1.81E-26 | 52.13555687 | Up-regulated |
| DGCR10 | 1.181104754 | 3.882063035 | 11.59564826 | 8.98E-28 | 1.84E-26 | 52.11681607 | Up-regulated |
| ABCC8 | 1.703067678 | 8.648983268 | 11.51995476 | 1.81E-27 | 3.62E-26 | 51.42388246 | Up-regulated |
| ZDHHC22 | 1.290427416 | 11.10106245 | 11.46312302 | 3.05E-27 | 6.01E-26 | 50.90537153 | Up-regulated |
| HSF4 | 1.218597817 | 7.151448638 | 11.43257202 | 4.04E-27 | 7.86E-26 | 50.62726193 | Up-regulated |
| UNC80 | 1.038732358 | 9.97703716 | 11.23321428 | 2.49E-26 | 4.61E-25 | 48.82336643 | Up-regulated |
| CHRNB2 | 1.268970046 | 8.837582101 | 11.229053 | 2.59E-26 | 4.78E-25 | 48.78591614 | Up-regulated |
| ACTL6B | 1.806469704 | 8.118642412 | 11.2108639 | 3.05E-26 | 5.59E-25 | 48.62231784 | Up-regulated |
| BEND4 | 1.538309578 | 4.677937938 | 11.20436434 | 3.24E-26 | 5.91E-25 | 48.56389777 | Up-regulated |
| CASKIN1 | 1.016179239 | 9.558605253 | 11.1147845 | 7.29E-26 | 1.30E-24 | 47.76082306 | Up-regulated |
| PAK7 | 1.398859033 | 7.262864202 | 11.08654071 | 9.41E-26 | 1.66E-24 | 47.50843547 | Up-regulated |
| STAR | 1.185712776 | 4.926834825 | 11.0776076 | 1.02E-25 | 1.80E-24 | 47.4286906 | Up-regulated |
| CPLX1 | 1.425217957 | 9.19673463 | 11.07507654 | 1.04E-25 | 1.84E-24 | 47.40610331 | Up-regulated |
| PCSK2 | 1.942079763 | 8.422971206 | 11.07288226 | 1.06E-25 | 1.87E-24 | 47.38652395 | Up-regulated |
| RHBDL1 | 1.090381638 | 6.603719066 | 11.03141437 | 1.54E-25 | 2.69E-24 | 47.01695838 | Up-regulated |
| LINGO1 | 1.003963178 | 11.34986518 | 11.01751243 | 1.75E-25 | 3.03E-24 | 46.89325389 | Up-regulated |
| GABBR1 | 1.008203458 | 13.14493288 | 10.95104669 | 3.18E-25 | 5.39E-24 | 46.303149 | Up-regulated |
| 11-Mar | 1.550373095 | 2.884226459 | 10.93478354 | 3.67E-25 | 6.23E-24 | 46.15909592 | Up-regulated |
| RTN4R | 1.227952631 | 7.608124125 | 10.93067979 | 3.81E-25 | 6.45E-24 | 46.12276749 | Up-regulated |
| SRRM3 | 1.335481468 | 8.559020428 | 10.92554669 | 3.99E-25 | 6.74E-24 | 46.07733851 | Up-regulated |
| STX1B | 1.067209872 | 10.39279222 | 10.91061048 | 4.56E-25 | 7.66E-24 | 45.94522561 | Up-regulated |
| FBLL1 | 1.133856719 | 8.09388249 | 10.90905657 | 4.62E-25 | 7.76E-24 | 45.93148745 | Up-regulated |
| CACNG2 | 2.11571571 | 5.669652529 | 10.87405136 | 6.32E-25 | 1.05E-23 | 45.62232985 | Up-regulated |
| CSPG5 | 1.01150106 | 12.32696829 | 10.826862 | 9.61E-25 | 1.57E-23 | 45.2065472 | Up-regulated |
| TMEM151B | 1.403325609 | 9.812010506 | 10.82620688 | 9.67E-25 | 1.58E-23 | 45.20078297 | Up-regulated |
| CORO6 | 1.505768844 | 6.147716926 | 10.78949734 | 1.34E-24 | 2.17E-23 | 44.8781337 | Up-regulated |
| L1CAM | 2.121681447 | 9.458238132 | 10.78836335 | 1.35E-24 | 2.19E-23 | 44.86817779 | Up-regulated |
| CPNE5 | 1.165906195 | 10.06527782 | 10.71179759 | 2.66E-24 | 4.21E-23 | 44.19748964 | Up-regulated |
| HRH3 | 1.861898749 | 6.630066926 | 10.70548433 | 2.82E-24 | 4.45E-23 | 44.14232256 | Up-regulated |
| 4-Mar | 2.002422045 | 6.831586965 | 10.68419319 | 3.40E-24 | 5.33E-23 | 43.95642647 | Up-regulated |
| PSD | 1.327843144 | 10.5293107 | 10.66684228 | 3.96E-24 | 6.19E-23 | 43.80510686 | Up-regulated |
| KCNK3 | 1.603744916 | 7.819201556 | 10.60362633 | 6.90E-24 | 1.06E-22 | 43.25511761 | Up-regulated |
| RP1-177G6.2 | 1.119682773 | 4.634207977 | 10.57517316 | 8.86E-24 | 1.35E-22 | 43.00825197 | Up-regulated |
| FGFBP3 | 1.002291936 | 8.716113813 | 10.57328688 | 9.01E-24 | 1.37E-22 | 42.99190128 | Up-regulated |
| FAM123C | 1.965998056 | 6.995775292 | 10.56972312 | 9.29E-24 | 1.42E-22 | 42.9610148 | Up-regulated |
| GDAP1L1 | 1.224705345 | 9.692954086 | 10.53134791 | 1.30E-23 | 1.96E-22 | 42.62884762 | Up-regulated |
| LPAL2 | 1.003962539 | 2.788783074 | 10.51203909 | 1.54E-23 | 2.30E-22 | 42.46200866 | Up-regulated |
| C8ORFK29 | 1.108905647 | 4.317018288 | 10.50838754 | 1.59E-23 | 2.37E-22 | 42.43047942 | Up-regulated |
| LRRTM1 | 1.046692181 | 7.530408949 | 10.50105225 | 1.69E-23 | 2.52E-22 | 42.36716432 | Up-regulated |
| FRMPD1 | 1.008344119 | 6.598107588 | 10.48468568 | 1.95E-23 | 2.89E-22 | 42.22599796 | Up-regulated |
| KIAA1875 | 1.117598952 | 4.943141051 | 10.47516494 | 2.12E-23 | 3.13E-22 | 42.14394421 | Up-regulated |
| SVOP | 2.126317315 | 7.941188132 | 10.47253574 | 2.17E-23 | 3.20E-22 | 42.12129313 | Up-regulated |
| ATCAY | 1.387057464 | 11.6992356 | 10.46924069 | 2.23E-23 | 3.28E-22 | 42.09291091 | Up-regulated |
| LOC150568 | 1.006966933 | 7.039441829 | 10.45413257 | 2.55E-23 | 3.73E-22 | 41.96284934 | Up-regulated |
| LOC100133545 | 1.066045494 | 4.329771984 | 10.43930178 | 2.90E-23 | 4.22E-22 | 41.83529364 | Up-regulated |
| NRSN1 | 1.346466497 | 9.238475292 | 10.43573082 | 2.99E-23 | 4.35E-22 | 41.80459827 | Up-regulated |
| VWA5B2 | 1.356429745 | 6.759783268 | 10.39565031 | 4.23E-23 | 6.09E-22 | 41.46054123 | Up-regulated |
| ELAVL2 | 1.354919334 | 7.852498444 | 10.35475161 | 6.03E-23 | 8.60E-22 | 41.11034954 | Up-regulated |
| INA | 1.825018747 | 9.850008366 | 10.34421345 | 6.60E-23 | 9.39E-22 | 41.02026337 | Up-regulated |
| LOC145837 | 1.06378218 | 4.748490467 | 10.33340098 | 7.25E-23 | 1.03E-21 | 40.92789465 | Up-regulated |
| TNNT1 | 1.770004857 | 4.758130545 | 10.31829448 | 8.26E-23 | 1.17E-21 | 40.79894881 | Up-regulated |
| GRIK2 | 1.028212327 | 9.804833658 | 10.28748219 | 1.08E-22 | 1.51E-21 | 40.53632504 | Up-regulated |
| CHGA | 1.922504503 | 9.260388327 | 10.2675654 | 1.28E-22 | 1.78E-21 | 40.36684197 | Up-regulated |
| XKR7 | 1.834731041 | 3.837019261 | 10.24908458 | 1.50E-22 | 2.08E-21 | 40.20977167 | Up-regulated |
| MYH7B | 1.0596875 | 6.557882101 | 10.21673992 | 1.98E-22 | 2.73E-21 | 39.93532034 | Up-regulated |
| CHRNA4 | 1.336070128 | 8.318262062 | 10.21657598 | 1.98E-22 | 2.73E-21 | 39.93393075 | Up-regulated |
| KIAA1409 | 1.234001245 | 9.119709144 | 10.21042333 | 2.09E-22 | 2.88E-21 | 39.88178963 | Up-regulated |
| SLITRK1 | 1.310382961 | 8.586861089 | 10.20769053 | 2.14E-22 | 2.94E-21 | 39.85863698 | Up-regulated |
| UBE2QL1 | 1.138980242 | 8.613995136 | 10.14519617 | 3.65E-22 | 4.94E-21 | 39.33029681 | Up-regulated |
| TRIM67 | 2.22882235 | 8.100285798 | 10.13400826 | 4.01E-22 | 5.42E-21 | 39.2359393 | Up-regulated |
| LOC283392 | 1.346066458 | 3.034371012 | 10.11610476 | 4.67E-22 | 6.29E-21 | 39.08508749 | Up-regulated |
| FAM57B | 1.023889483 | 9.215506615 | 10.10728144 | 5.04E-22 | 6.76E-21 | 39.01080911 | Up-regulated |
| GPR179 | 1.127557498 | 5.773994747 | 10.10168936 | 5.28E-22 | 7.08E-21 | 38.96375498 | Up-regulated |
| MIAT | 1.223935056 | 10.08142354 | 10.09123297 | 5.77E-22 | 7.70E-21 | 38.87581715 | Up-regulated |
| CKMT1B | 1.402351887 | 8.212139105 | 10.06150717 | 7.43E-22 | 9.83E-21 | 38.62615684 | Up-regulated |
| SHANK2 | 1.331996769 | 8.864693385 | 10.05940383 | 7.56E-22 | 1.00E-20 | 38.60851002 | Up-regulated |
| JPH3 | 1.410349891 | 9.866967121 | 10.05594141 | 7.79E-22 | 1.03E-20 | 38.57946602 | Up-regulated |
| SCRT2 | 1.730531665 | 5.81080214 | 10.05329539 | 7.97E-22 | 1.05E-20 | 38.5572748 | Up-regulated |
| ALOX12B | 1.278882803 | 2.77155214 | 10.04825008 | 8.32E-22 | 1.09E-20 | 38.51497242 | Up-regulated |
| CPLX2 | 1.936259487 | 10.85237704 | 10.04702639 | 8.40E-22 | 1.10E-20 | 38.50471454 | Up-regulated |
| GABRB3 | 1.333870167 | 10.0459214 | 10.03966258 | 8.94E-22 | 1.17E-20 | 38.44300327 | Up-regulated |
| HAR1A | 1.418330608 | 5.100023735 | 10.03579639 | 9.24E-22 | 1.21E-20 | 38.41061547 | Up-regulated |
| MADCAM1 | 1.402004921 | 3.697954669 | 10.02057353 | 1.05E-21 | 1.36E-20 | 38.28317187 | Up-regulated |
| GOLGA8B | 1.061954921 | 9.249441245 | 10.01291938 | 1.12E-21 | 1.45E-20 | 38.21914155 | Up-regulated |
| NOG | 1.235960165 | 7.676376654 | 9.992421974 | 1.33E-21 | 1.72E-20 | 38.04783365 | Up-regulated |
| CDK5R2 | 1.49096227 | 8.094400973 | 9.943141111 | 2.02E-21 | 2.57E-20 | 37.63693526 | Up-regulated |
| HMP19 | 1.542309747 | 11.32085195 | 9.942867409 | 2.03E-21 | 2.57E-20 | 37.63465699 | Up-regulated |
| JPH4 | 1.062688908 | 11.0073072 | 9.911787716 | 2.63E-21 | 3.30E-20 | 37.37622875 | Up-regulated |
| GRIP2 | 1.447158261 | 4.351621012 | 9.901274675 | 2.87E-21 | 3.59E-20 | 37.28893665 | Up-regulated |
| RIMS2 | 1.672897244 | 7.350191245 | 9.888698023 | 3.19E-21 | 3.98E-20 | 37.18459247 | Up-regulated |
| LOC400940 | 1.001974637 | 6.63734144 | 9.888486032 | 3.20E-21 | 3.99E-20 | 37.18283443 | Up-regulated |
| CYP2E1 | 1.05524603 | 6.143511868 | 9.862810576 | 3.97E-21 | 4.89E-20 | 36.97009672 | Up-regulated |
| KCNC1 | 1.010919104 | 8.667888132 | 9.860015097 | 4.06E-21 | 5.00E-20 | 36.94695708 | Up-regulated |
| NEUROD1 | 1.371092075 | 6.072414202 | 9.83097975 | 5.18E-21 | 6.33E-20 | 36.70688044 | Up-regulated |
| UNC5A | 1.178113127 | 8.951844747 | 9.81333282 | 6.00E-21 | 7.31E-20 | 36.56120398 | Up-regulated |
| KCNJ11 | 1.338495791 | 8.488455058 | 9.789716449 | 7.31E-21 | 8.82E-20 | 36.36652922 | Up-regulated |
| KIAA1543 | 1.225672511 | 7.921883074 | 9.761483307 | 9.24E-21 | 1.11E-19 | 36.13421882 | Up-regulated |
| KLHL35 | 1.165309959 | 4.881912646 | 9.7510949 | 1.01E-20 | 1.21E-19 | 36.04885578 | Up-regulated |
| GFRA1 | 1.415343608 | 9.4928 | 9.738748027 | 1.12E-20 | 1.33E-19 | 35.94748088 | Up-regulated |
| CBLN1 | 1.47616657 | 6.469932296 | 9.737871778 | 1.12E-20 | 1.34E-19 | 35.94028973 | Up-regulated |
| FAM19A2 | 1.374656798 | 7.232624125 | 9.723278633 | 1.27E-20 | 1.51E-19 | 35.82059286 | Up-regulated |
| VSTM2A | 1.89727252 | 7.627177626 | 9.689218341 | 1.68E-20 | 1.98E-19 | 35.54170207 | Up-regulated |
| SYN1 | 1.385322157 | 10.28560195 | 9.675020727 | 1.89E-20 | 2.22E-19 | 35.42564914 | Up-regulated |
| EPHA10 | 1.275674328 | 6.670519261 | 9.653885325 | 2.25E-20 | 2.63E-19 | 35.25310365 | Up-regulated |
| RGR | 1.50986918 | 6.72470214 | 9.646288817 | 2.40E-20 | 2.79E-19 | 35.19115092 | Up-regulated |
| KCNT1 | 1.841869192 | 6.104957782 | 9.630572056 | 2.73E-20 | 3.16E-19 | 35.06308126 | Up-regulated |
| ST8SIA3 | 1.54520737 | 9.339890856 | 9.608551852 | 3.28E-20 | 3.76E-19 | 34.8838908 | Up-regulated |
| CRTAC1 | 1.345448749 | 9.789996693 | 9.600436779 | 3.50E-20 | 4.01E-19 | 34.81792578 | Up-regulated |
| PDE2A | 1.094975145 | 10.16067588 | 9.594247746 | 3.68E-20 | 4.21E-19 | 34.76764298 | Up-regulated |
| FAM155A | 1.097624843 | 9.112156809 | 9.593288114 | 3.71E-20 | 4.24E-19 | 34.75984847 | Up-regulated |
| SHISA7 | 1.066296121 | 9.548077043 | 9.579437635 | 4.16E-20 | 4.73E-19 | 34.64740973 | Up-regulated |
| C9orf140 | 1.116978824 | 10.09355584 | 9.574432866 | 4.34E-20 | 4.93E-19 | 34.6068086 | Up-regulated |
| G6PC2 | 1.515231719 | 2.544528016 | 9.523153641 | 6.60E-20 | 7.39E-19 | 34.19165863 | Up-regulated |
| CUX2 | 1.777129524 | 7.637186381 | 9.518595824 | 6.85E-20 | 7.66E-19 | 34.15483444 | Up-regulated |
| WDR86 | 1.039814753 | 6.147022763 | 9.516218714 | 6.98E-20 | 7.80E-19 | 34.13563383 | Up-regulated |
| SNAP91 | 1.271660274 | 10.35317121 | 9.509256802 | 7.39E-20 | 8.23E-19 | 34.07941971 | Up-regulated |
| C21orf125 | 1.112751599 | 3.302715564 | 9.501414064 | 7.88E-20 | 8.75E-19 | 34.01612781 | Up-regulated |
| SEZ6L | 1.302883624 | 10.57476089 | 9.496109616 | 8.23E-20 | 9.13E-19 | 33.97334095 | Up-regulated |
| HAR1B | 1.12159772 | 2.902674903 | 9.490504323 | 8.62E-20 | 9.54E-19 | 33.92814559 | Up-regulated |
| MST1 | 1.024832098 | 7.844580739 | 9.471738731 | 1.00E-19 | 1.10E-18 | 33.77697509 | Up-regulated |
| DOK6 | 1.158355323 | 8.363505447 | 9.462743899 | 1.08E-19 | 1.19E-18 | 33.70458957 | Up-regulated |
| RCOR2 | 1.122472684 | 9.673806031 | 9.449696678 | 1.20E-19 | 1.31E-18 | 33.59967844 | Up-regulated |
| PLK5P | 1.171357267 | 4.405429961 | 9.433946052 | 1.37E-19 | 1.48E-18 | 33.47316506 | Up-regulated |
| LHX5 | 2.147821618 | 3.485299222 | 9.425172384 | 1.47E-19 | 1.59E-18 | 33.40275691 | Up-regulated |
| AMH | 1.331292021 | 6.27963463 | 9.402910104 | 1.76E-19 | 1.89E-18 | 33.22431055 | Up-regulated |
| CKMT1A | 1.423241518 | 6.574016148 | 9.402645083 | 1.76E-19 | 1.89E-18 | 33.22218803 | Up-regulated |
| MYT1L | 2.041269671 | 7.744331323 | 9.386300145 | 2.01E-19 | 2.15E-18 | 33.09136496 | Up-regulated |
| SCN3B | 1.338067145 | 10.1771749 | 9.385997618 | 2.02E-19 | 2.16E-18 | 33.08894508 | Up-regulated |
| CHRM1 | 1.60920417 | 7.453705058 | 9.385614533 | 2.02E-19 | 2.16E-18 | 33.08588092 | Up-regulated |
| RANBP17 | 1.244965519 | 5.816597082 | 9.38186508 | 2.08E-19 | 2.22E-18 | 33.05589491 | Up-regulated |
| CCDC64 | 1.283830369 | 5.918454669 | 9.361848504 | 2.45E-19 | 2.60E-18 | 32.89595689 | Up-regulated |
| DCX | 1.267543583 | 10.18938444 | 9.352838965 | 2.64E-19 | 2.79E-18 | 32.82404701 | Up-regulated |
| KCNH8 | 1.039004191 | 7.665767121 | 9.344347234 | 2.82E-19 | 2.98E-18 | 32.75631488 | Up-regulated |
| SSTR2 | 1.268317778 | 7.979716926 | 9.343379677 | 2.84E-19 | 3.00E-18 | 32.74860017 | Up-regulated |
| CLGN | 1.076217399 | 7.090392023 | 9.329434089 | 3.18E-19 | 3.34E-18 | 32.63746947 | Up-regulated |
| MCF2 | 1.307848728 | 6.194667121 | 9.322369464 | 3.37E-19 | 3.53E-18 | 32.58121723 | Up-regulated |
| SRRM4 | 1.581220509 | 7.338259144 | 9.291350577 | 4.33E-19 | 4.49E-18 | 32.33458672 | Up-regulated |
| TOX3 | 1.09712057 | 8.465258755 | 9.278682782 | 4.79E-19 | 4.95E-18 | 32.23403339 | Up-regulated |
| HTR6 | 1.165909708 | 2.038279183 | 9.273638996 | 4.99E-19 | 5.14E-18 | 32.19402444 | Up-regulated |
| SOX8 | 1.076547808 | 13.51279883 | 9.268681257 | 5.19E-19 | 5.34E-18 | 32.15471313 | Up-regulated |
| GRIN3A | 1.567394783 | 7.149130156 | 9.237103958 | 6.69E-19 | 6.82E-18 | 31.90467957 | Up-regulated |
| CRHR1 | 1.185818671 | 5.502492218 | 9.236895583 | 6.70E-19 | 6.83E-18 | 31.90303165 | Up-regulated |
| HTR1A | 1.551243468 | 3.152217704 | 9.193890245 | 9.45E-19 | 9.50E-18 | 31.56349532 | Up-regulated |
| CELF4 | 1.496725012 | 8.38570214 | 9.183274542 | 1.03E-18 | 1.03E-17 | 31.47985663 | Up-regulated |
| GABRA3 | 1.355929675 | 7.924325292 | 9.168820289 | 1.15E-18 | 1.16E-17 | 31.36608626 | Up-regulated |
| KCNK4 | 1.126220412 | 5.756031907 | 9.159065945 | 1.25E-18 | 1.25E-17 | 31.28938186 | Up-regulated |
| AGAP2 | 1.01544068 | 10.65945175 | 9.150337439 | 1.34E-18 | 1.33E-17 | 31.22079395 | Up-regulated |
| CABP1 | 1.457314895 | 7.294278794 | 9.122208805 | 1.67E-18 | 1.66E-17 | 31.00008134 | Up-regulated |
| DUSP9 | 1.264290686 | 5.879143385 | 9.117075836 | 1.74E-18 | 1.72E-17 | 30.95985802 | Up-regulated |
| GABRG2 | 2.009278322 | 7.930155253 | 9.09775786 | 2.03E-18 | 1.99E-17 | 30.80862347 | Up-regulated |
| SHD | 1.429266585 | 10.56082549 | 9.085225577 | 2.24E-18 | 2.19E-17 | 30.71063578 | Up-regulated |
| DPY19L2 | 1.06374183 | 5.990105642 | 9.064974327 | 2.63E-18 | 2.55E-17 | 30.55250106 | Up-regulated |
| WNT7B | 1.488441073 | 8.217882101 | 9.060931164 | 2.72E-18 | 2.62E-17 | 30.52096 | Up-regulated |
| KIAA1486 | 1.421078355 | 3.339903891 | 9.059349061 | 2.75E-18 | 2.66E-17 | 30.50862065 | Up-regulated |
| RAB3C | 1.305935629 | 5.188187549 | 9.051899232 | 2.92E-18 | 2.81E-17 | 30.4505379 | Up-regulated |
| TAGLN3 | 1.063678728 | 9.942497082 | 9.050359734 | 2.95E-18 | 2.84E-17 | 30.43853948 | Up-regulated |
| ZNF98 | 1.217471054 | 3.217711868 | 9.035263876 | 3.33E-18 | 3.19E-17 | 30.32096485 | Up-regulated |
| LRRTM4 | 1.05855241 | 8.149025292 | 9.023136379 | 3.66E-18 | 3.49E-17 | 30.22661244 | Up-regulated |
| TTC9B | 1.168304415 | 7.025144358 | 8.995392339 | 4.55E-18 | 4.32E-17 | 30.01110856 | Up-regulated |
| KCNH7 | 1.599141879 | 3.749670233 | 8.987677088 | 4.84E-18 | 4.57E-17 | 29.95126546 | Up-regulated |
| CELF5 | 1.101099746 | 9.276325097 | 8.975065761 | 5.34E-18 | 5.01E-17 | 29.8535265 | Up-regulated |
| DLGAP3 | 1.075552041 | 7.850344747 | 8.969487802 | 5.58E-18 | 5.22E-17 | 29.81032865 | Up-regulated |
| LPPR3 | 1.524849594 | 6.663406226 | 8.935314972 | 7.30E-18 | 6.75E-17 | 29.54610845 | Up-regulated |
| CACNA1E | 1.18530559 | 7.966012257 | 8.928889926 | 7.67E-18 | 7.08E-17 | 29.49651294 | Up-regulated |
| MMD2 | 1.192103243 | 8.839097471 | 8.910955129 | 8.83E-18 | 8.10E-17 | 29.35821052 | Up-regulated |
| ELFN2 | 1.169429954 | 10.53767393 | 8.905766491 | 9.19E-18 | 8.42E-17 | 29.31823675 | Up-regulated |
| SCN2A | 1.016552044 | 9.298309922 | 8.90532812 | 9.22E-18 | 8.44E-17 | 29.31486028 | Up-regulated |
| PNCK | 1.036030502 | 7.636353891 | 8.902046284 | 9.46E-18 | 8.65E-17 | 29.2895864 | Up-regulated |
| C1orf230 | 1.090479978 | 3.379805642 | 8.899213375 | 9.68E-18 | 8.84E-17 | 29.26777526 | Up-regulated |
| SLIT1 | 1.117283055 | 11.85139883 | 8.898817839 | 9.71E-18 | 8.86E-17 | 29.26473035 | Up-regulated |
| SLC1A6 | 1.453784475 | 6.723026654 | 8.89726447 | 9.82E-18 | 8.95E-17 | 29.25277319 | Up-regulated |
| RIMS1 | 1.314652029 | 7.439878016 | 8.875236018 | 1.17E-17 | 1.06E-16 | 29.08337227 | Up-regulated |
| ADAM11 | 1.185106435 | 7.494071206 | 8.847647662 | 1.45E-17 | 1.30E-16 | 28.8716495 | Up-regulated |
| LOC389332 | 1.428155523 | 3.538506226 | 8.835549806 | 1.59E-17 | 1.42E-16 | 28.77895894 | Up-regulated |
| IQSEC3 | 1.590547956 | 7.470467899 | 8.834533172 | 1.60E-17 | 1.43E-16 | 28.77117401 | Up-regulated |
| SGSM1 | 1.043589947 | 8.522327821 | 8.811774621 | 1.91E-17 | 1.70E-16 | 28.59707158 | Up-regulated |
| SYT4 | 1.811136019 | 7.949704864 | 8.808130291 | 1.96E-17 | 1.74E-16 | 28.56922323 | Up-regulated |
| ST6GAL2 | 1.095257576 | 9.102617704 | 8.785819604 | 2.33E-17 | 2.06E-16 | 28.39891999 | Up-regulated |
| SLC8A2 | 1.370386746 | 8.404630739 | 8.768426671 | 2.67E-17 | 2.34E-16 | 28.26637625 | Up-regulated |
| WSCD2 | 1.635694637 | 6.553028599 | 8.766390411 | 2.71E-17 | 2.38E-16 | 28.25087151 | Up-regulated |
| ZFR2 | 1.629717336 | 5.736857004 | 8.751216638 | 3.05E-17 | 2.66E-16 | 28.13541728 | Up-regulated |
| TMC3 | 1.194524164 | 1.215131128 | 8.745500572 | 3.19E-17 | 2.78E-16 | 28.09196322 | Up-regulated |
| GRIN1 | 1.911432389 | 9.326343191 | 8.734963001 | 3.46E-17 | 3.00E-16 | 28.01191068 | Up-regulated |
| ANKRD55 | 1.277499546 | 3.842606226 | 8.732394196 | 3.53E-17 | 3.06E-16 | 27.99240664 | Up-regulated |
| MYT1 | 1.202971542 | 9.459202724 | 8.684523452 | 5.09E-17 | 4.36E-16 | 27.629719 | Up-regulated |
| CHRM4 | 1.060682734 | 4.948717704 | 8.674831418 | 5.49E-17 | 4.68E-16 | 27.55646851 | Up-regulated |
| FAM190A | 1.070461222 | 3.497634436 | 8.671835728 | 5.61E-17 | 4.78E-16 | 27.53383997 | Up-regulated |
| CLEC4F | 1.271917315 | 4.326500389 | 8.669928136 | 5.70E-17 | 4.85E-16 | 27.51943363 | Up-regulated |
| DKFZp686O24166 | 1.071956937 | 6.462230934 | 8.665622572 | 5.89E-17 | 5.00E-16 | 27.4869262 | Up-regulated |
| GPR61 | 1.057487458 | 4.605980934 | 8.664046032 | 5.96E-17 | 5.06E-16 | 27.47502617 | Up-regulated |
| CBLN2 | 1.443429766 | 6.147966732 | 8.646673279 | 6.81E-17 | 5.74E-16 | 27.34400001 | Up-regulated |
| PPP1R14C | 1.176129276 | 6.613173735 | 8.637072129 | 7.32E-17 | 6.14E-16 | 27.27167169 | Up-regulated |
| SNCB | 1.594761801 | 9.157888716 | 8.630143301 | 7.72E-17 | 6.46E-16 | 27.21951199 | Up-regulated |
| HECW1 | 1.254047735 | 7.266044163 | 8.622513622 | 8.19E-17 | 6.83E-16 | 27.16211243 | Up-regulated |
| KCNB2 | 1.439167245 | 3.301391051 | 8.616128689 | 8.59E-17 | 7.15E-16 | 27.11410647 | Up-regulated |
| GRIP1 | 1.093112209 | 5.400092218 | 8.606370766 | 9.26E-17 | 7.67E-16 | 27.0407915 | Up-regulated |
| ASPDH | 1.038651242 | 5.619413813 | 8.602951022 | 9.50E-17 | 7.87E-16 | 27.01511236 | Up-regulated |
| VWC2L | 1.331615183 | 2.379010311 | 8.592338219 | 1.03E-16 | 8.50E-16 | 26.93546849 | Up-regulated |
| C19orf30 | 1.50369782 | 3.413994358 | 8.587489605 | 1.07E-16 | 8.81E-16 | 26.89910648 | Up-regulated |
| KIAA1644 | 1.450357137 | 8.394820428 | 8.549944922 | 1.42E-16 | 1.16E-15 | 26.61806165 | Up-regulated |
| CCDC154 | 1.053787615 | 4.293958366 | 8.512868668 | 1.88E-16 | 1.51E-15 | 26.34142988 | Up-regulated |
| EIF4E1B | 1.331505675 | 2.587688716 | 8.505980177 | 1.98E-16 | 1.59E-15 | 26.29013326 | Up-regulated |
| SEZ6L2 | 1.044843568 | 10.76516576 | 8.479396033 | 2.42E-16 | 1.94E-15 | 26.09246178 | Up-regulated |
| TMEM196 | 1.590329748 | 5.409478599 | 8.472579405 | 2.55E-16 | 2.03E-15 | 26.04185052 | Up-regulated |
| GRM4 | 1.301372302 | 4.573408949 | 8.408288502 | 4.14E-16 | 3.23E-15 | 25.56602339 | Up-regulated |
| CSMD3 | 1.411288436 | 8.861818288 | 8.401761727 | 4.34E-16 | 3.39E-15 | 25.51787096 | Up-regulated |
| ACCN4 | 1.320367287 | 10.27827763 | 8.399554115 | 4.41E-16 | 3.44E-15 | 25.50159033 | Up-regulated |
| SCGN | 1.49659229 | 2.270547665 | 8.398228788 | 4.46E-16 | 3.47E-15 | 25.49181789 | Up-regulated |
| RGS7 | 1.103357322 | 7.302919261 | 8.382213242 | 5.03E-16 | 3.89E-15 | 25.37381809 | Up-regulated |
| CLVS1 | 1.344889426 | 6.157274708 | 8.356241662 | 6.10E-16 | 4.70E-15 | 25.18282723 | Up-regulated |
| SNAP25 | 1.511713608 | 11.40740759 | 8.339052833 | 6.94E-16 | 5.31E-15 | 25.05667093 | Up-regulated |
| SNTG1 | 1.039764175 | 6.076223541 | 8.337364741 | 7.02E-16 | 5.38E-15 | 25.04429193 | Up-regulated |
| HRNBP3 | 1.639860928 | 6.947788911 | 8.299901295 | 9.28E-16 | 6.98E-15 | 24.77005892 | Up-regulated |
| SLC7A14 | 1.122020364 | 9.290333852 | 8.2019025 | 1.91E-15 | 1.40E-14 | 24.05717062 | Up-regulated |
| RLTPR | 1.143268244 | 6.198295136 | 8.183538878 | 2.19E-15 | 1.59E-14 | 23.92430729 | Up-regulated |
| CSMD1 | 1.003586564 | 8.447271012 | 8.148274973 | 2.84E-15 | 2.05E-14 | 23.66981021 | Up-regulated |
| LOC158696 | 1.14242434 | 4.342155058 | 8.14667046 | 2.87E-15 | 2.07E-14 | 23.65825067 | Up-regulated |
| RASL10A | 1.17888046 | 8.511495525 | 8.132624293 | 3.18E-15 | 2.29E-14 | 23.5571315 | Up-regulated |
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| RAB3A | 1.02642004 | 9.29387821 | 8.102465754 | 3.96E-15 | 2.83E-14 | 23.34047324 | Up-regulated |
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| CDH9 | 1.413572063 | 3.925359922 | 8.051767128 | 5.73E-15 | 4.04E-14 | 22.97765803 | Up-regulated |
| DACH2 | 1.48221223 | 6.274987938 | 8.042592837 | 6.13E-15 | 4.31E-14 | 22.91219239 | Up-regulated |
| INSM1 | 1.018165395 | 7.284872374 | 8.024314981 | 6.99E-15 | 4.89E-14 | 22.78193837 | Up-regulated |
| GRM2 | 1.183968217 | 5.223662451 | 8.015648666 | 7.44E-15 | 5.20E-14 | 22.72025975 | Up-regulated |
| CACNA1I | 1.233340555 | 6.654611868 | 7.947614036 | 1.22E-14 | 8.32E-14 | 22.23785561 | Up-regulated |
| CNTNAP5 | 1.298438463 | 5.490916342 | 7.947087803 | 1.22E-14 | 8.35E-14 | 22.23413681 | Up-regulated |
| PCDH20 | 1.146675766 | 7.176305058 | 7.938923057 | 1.29E-14 | 8.84E-14 | 22.17646249 | Up-regulated |
| MYOD1 | 1.423593959 | 2.361554086 | 7.935916101 | 1.32E-14 | 9.03E-14 | 22.15523354 | Up-regulated |
| PDIA2 | 1.087350911 | 6.608576654 | 7.925350669 | 1.43E-14 | 9.73E-14 | 22.08069195 | Up-regulated |
| PTPRT | 1.206865443 | 9.628761479 | 7.923125 | 1.45E-14 | 9.88E-14 | 22.06499923 | Up-regulated |
| OLFM4 | 1.179006417 | 4.375380739 | 7.873274035 | 2.07E-14 | 1.39E-13 | 21.71441428 | Up-regulated |
| LHX3 | 1.24964772 | 2.447900778 | 7.839980961 | 2.62E-14 | 1.74E-13 | 21.4812414 | Up-regulated |
| PRMT8 | 1.475373713 | 5.517651751 | 7.785465767 | 3.86E-14 | 2.52E-13 | 21.10111379 | Up-regulated |
| FGF9 | 1.033870279 | 5.752219455 | 7.772015288 | 4.25E-14 | 2.77E-13 | 21.0076466 | Up-regulated |
| CAMK4 | 1.331348504 | 5.428092607 | 7.753642151 | 4.84E-14 | 3.13E-13 | 20.88017798 | Up-regulated |
| SLC17A6 | 1.59967431 | 4.308086576 | 7.733429298 | 5.58E-14 | 3.60E-13 | 20.74022109 | Up-regulated |
| RFPL1S | 1.188006822 | 7.49476537 | 7.728128783 | 5.79E-14 | 3.73E-13 | 20.7035673 | Up-regulated |
| GPR6 | 1.198312028 | 2.162014202 | 7.7255147 | 5.90E-14 | 3.79E-13 | 20.68549787 | Up-regulated |
| LOC285954 | 1.148750678 | 3.796877237 | 7.693046753 | 7.41E-14 | 4.72E-13 | 20.46147179 | Up-regulated |
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| AFF2 | 1.137172366 | 7.808836576 | 7.640791346 | 1.07E-13 | 6.71E-13 | 20.10248566 | Up-regulated |
| HCN4 | 1.165526768 | 4.810322179 | 7.639009295 | 1.08E-13 | 6.78E-13 | 20.09027753 | Up-regulated |
| RPH3A | 1.426333957 | 9.214238521 | 7.633656826 | 1.12E-13 | 7.03E-13 | 20.0536235 | Up-regulated |
| CDH22 | 1.138345116 | 7.570082685 | 7.611709706 | 1.31E-13 | 8.14E-13 | 19.90354209 | Up-regulated |
| KCNC2 | 1.725575055 | 6.131287354 | 7.610620669 | 1.32E-13 | 8.19E-13 | 19.89610386 | Up-regulated |
| GNG13 | 1.186597611 | 2.363584436 | 7.576966751 | 1.66E-13 | 1.03E-12 | 19.66666274 | Up-regulated |
| ATP2B3 | 1.456621018 | 6.900916926 | 7.566004862 | 1.79E-13 | 1.10E-12 | 19.59210344 | Up-regulated |
| PON1 | 1.042028834 | 3.629477821 | 7.561235962 | 1.85E-13 | 1.14E-12 | 19.5596938 | Up-regulated |
| CACNA2D3 | 1.210536791 | 6.216472568 | 7.534061382 | 2.24E-13 | 1.36E-12 | 19.37532599 | Up-regulated |
| KSR2 | 1.265524634 | 7.909753307 | 7.529031765 | 2.32E-13 | 1.40E-12 | 19.34126045 | Up-regulated |
| CNNM1 | 1.212189296 | 6.555366148 | 7.519637858 | 2.47E-13 | 1.49E-12 | 19.27768438 | Up-regulated |
| SLC17A8 | 1.654483418 | 4.978200389 | 7.507497029 | 2.69E-13 | 1.61E-12 | 19.19561188 | Up-regulated |
| CNTNAP2 | 1.038491603 | 9.363850584 | 7.505865385 | 2.72E-13 | 1.63E-12 | 19.18459 | Up-regulated |
| TLX1 | 1.817760617 | 4.413052724 | 7.474556753 | 3.37E-13 | 2.00E-12 | 18.97347003 | Up-regulated |
| ST8SIA2 | 1.271858636 | 5.663160311 | 7.441533633 | 4.22E-13 | 2.48E-12 | 18.7515572 | Up-regulated |
| RIT2 | 1.417628722 | 4.580832685 | 7.417209195 | 4.99E-13 | 2.91E-12 | 18.58860455 | Up-regulated |
| CNTN4 | 1.032792672 | 6.062749027 | 7.417168947 | 4.99E-13 | 2.91E-12 | 18.58833528 | Up-regulated |
| GJD2 | 1.199660707 | 2.430916926 | 7.391356758 | 5.95E-13 | 3.45E-12 | 18.41588702 | Up-regulated |
| DDN | 1.507571981 | 8.110716537 | 7.347980877 | 7.98E-13 | 4.57E-12 | 18.12719121 | Up-regulated |
| GLS2 | 1.116183361 | 5.331390272 | 7.334480285 | 8.74E-13 | 4.99E-12 | 18.03761607 | Up-regulated |
| FLJ43390 | 1.170491567 | 7.008489105 | 7.331891733 | 8.90E-13 | 5.08E-12 | 18.02045651 | Up-regulated |
| LRTM2 | 1.39855757 | 6.169876848 | 7.313744046 | 1.01E-12 | 5.71E-12 | 17.90029293 | Up-regulated |
| SLC4A10 | 1.258192775 | 7.840423735 | 7.280092501 | 1.26E-12 | 7.09E-12 | 17.67811094 | Up-regulated |
| ATP8A2 | 1.374341518 | 5.415311284 | 7.246691374 | 1.58E-12 | 8.77E-12 | 17.45840558 | Up-regulated |
| ZMAT4 | 1.160086543 | 4.901163813 | 7.179158362 | 2.48E-12 | 1.35E-11 | 17.01670308 | Up-regulated |
| SHANK1 | 1.053997768 | 8.160762646 | 7.178706974 | 2.48E-12 | 1.35E-11 | 17.01376211 | Up-regulated |
| TLX1NB | 1.4527588 | 2.603979377 | 7.171623597 | 2.60E-12 | 1.41E-11 | 16.96763095 | Up-regulated |
| NELL1 | 1.481842508 | 5.295429377 | 7.148544151 | 3.03E-12 | 1.64E-11 | 16.81758219 | Up-regulated |
| IGFN1 | 1.614442948 | 6.538177821 | 7.140315566 | 3.20E-12 | 1.73E-11 | 16.76418055 | Up-regulated |
| PAK3 | 1.096766188 | 5.717771401 | 7.139782271 | 3.21E-12 | 1.73E-11 | 16.76072133 | Up-regulated |
| LOC440040 | 1.116745679 | 3.926147082 | 7.132542861 | 3.37E-12 | 1.81E-11 | 16.71378372 | Up-regulated |
| CNTN6 | 1.18946366 | 4.633016148 | 7.132249381 | 3.38E-12 | 1.82E-11 | 16.71188173 | Up-regulated |
| TMEM100 | 1.014408615 | 10.30343346 | 7.108062429 | 3.96E-12 | 2.11E-11 | 16.55535089 | Up-regulated |
| PNMA5 | 1.12858839 | 4.702562451 | 7.106309991 | 4.01E-12 | 2.14E-11 | 16.54402656 | Up-regulated |
| PRLHR | 1.717672735 | 5.737804669 | 7.101422326 | 4.14E-12 | 2.20E-11 | 16.51245438 | Up-regulated |
| SPHKAP | 1.401748253 | 8.307823346 | 7.101276731 | 4.14E-12 | 2.21E-11 | 16.51151417 | Up-regulated |
| SYT13 | 1.453083691 | 7.974227237 | 7.078909675 | 4.80E-12 | 2.54E-11 | 16.36726268 | Up-regulated |
| CDH18 | 1.213715701 | 6.448106226 | 7.056797868 | 5.55E-12 | 2.92E-11 | 16.22502493 | Up-regulated |
| DOC2A | 1.18677014 | 6.985754086 | 7.044133075 | 6.03E-12 | 3.16E-11 | 16.14372147 | Up-regulated |
| CA10 | 1.149783906 | 9.044594942 | 7.034610994 | 6.42E-12 | 3.36E-11 | 16.08267228 | Up-regulated |
| SUSD5 | 1.190777765 | 8.61427607 | 7.000730413 | 8.01E-12 | 4.14E-11 | 15.86600463 | Up-regulated |
| NEURL | 1.156135208 | 7.252724903 | 6.962453618 | 1.03E-11 | 5.25E-11 | 15.62226189 | Up-regulated |
| STXBP5L | 1.061026396 | 7.530077626 | 6.912926272 | 1.42E-11 | 7.15E-11 | 15.30851781 | Up-regulated |
| MME | 1.017546745 | 4.134577043 | 6.887998648 | 1.66E-11 | 8.31E-11 | 15.15130966 | Up-regulated |
| SYT16 | 1.006527329 | 4.421353502 | 6.860052524 | 1.99E-11 | 9.84E-11 | 14.97562586 | Up-regulated |
| SOHLH1 | 1.343379591 | 3.474163813 | 6.839073307 | 2.27E-11 | 1.12E-10 | 14.84412995 | Up-regulated |
| FXYD7 | 1.251734853 | 7.098493385 | 6.830217617 | 2.41E-11 | 1.18E-10 | 14.78872387 | Up-regulated |
| TMEM132D | 1.507232849 | 5.539988716 | 6.828587737 | 2.43E-11 | 1.19E-10 | 14.77853296 | Up-regulated |
| BARHL1 | 1.149602922 | 2.027538911 | 6.819593124 | 2.58E-11 | 1.26E-10 | 14.72233009 | Up-regulated |
| STYK1 | 1.331781468 | 3.551177626 | 6.81213338 | 2.70E-11 | 1.32E-10 | 14.67576469 | Up-regulated |
| MEG3 | 1.03903433 | 9.260139883 | 6.785308765 | 3.20E-11 | 1.55E-10 | 14.50867065 | Up-regulated |
| TACR1 | 1.078938199 | 6.671359533 | 6.783916578 | 3.23E-11 | 1.56E-10 | 14.50001355 | Up-regulated |
| PCDH8 | 1.010578385 | 7.01695642 | 6.780678635 | 3.30E-11 | 1.59E-10 | 14.47988465 | Up-regulated |
| HAPLN1 | 1.163380841 | 8.380974708 | 6.779833647 | 3.32E-11 | 1.60E-10 | 14.47463304 | Up-regulated |
| CAMKV | 1.112857516 | 8.544775681 | 6.764317353 | 3.66E-11 | 1.76E-10 | 14.37829633 | Up-regulated |
| GABRA4 | 1.524443632 | 6.019690856 | 6.754253032 | 3.90E-11 | 1.87E-10 | 14.31590816 | Up-regulated |
| HTR5A | 1.319719858 | 3.889784241 | 6.739748047 | 4.28E-11 | 2.04E-10 | 14.22612924 | Up-regulated |
| GLRA3 | 1.293792739 | 4.590099805 | 6.725030073 | 4.69E-11 | 2.23E-10 | 14.13519714 | Up-regulated |
| SLC12A5 | 1.3752498 | 8.125073735 | 6.694916202 | 5.67E-11 | 2.67E-10 | 13.94966364 | Up-regulated |
| SLC35F3 | 1.033059084 | 4.90243249 | 6.694257257 | 5.70E-11 | 2.68E-10 | 13.94561164 | Up-regulated |
| GPR17 | 1.154446394 | 10.11726556 | 6.692158656 | 5.77E-11 | 2.72E-10 | 13.93270912 | Up-regulated |
| CPNE9 | 1.17421898 | 3.886404475 | 6.673785866 | 6.48E-11 | 3.03E-10 | 13.81989532 | Up-regulated |
| FAM19A1 | 1.25659841 | 5.095450973 | 6.660455959 | 7.04E-11 | 3.28E-10 | 13.7382092 | Up-regulated |
| DHRS2 | 1.17273889 | 4.762165759 | 6.656004449 | 7.24E-11 | 3.37E-10 | 13.71096077 | Up-regulated |
| HMX1 | 1.100863902 | 6.68746965 | 6.638953878 | 8.06E-11 | 3.74E-10 | 13.60673309 | Up-regulated |
| PTPN5 | 1.321770306 | 7.39061284 | 6.619694992 | 9.09E-11 | 4.19E-10 | 13.48927686 | Up-regulated |
| ZNF676 | 1.214402023 | 3.316947276 | 6.569354357 | 1.24E-10 | 5.66E-10 | 13.18361767 | Up-regulated |
| FAM163B | 1.199968926 | 5.465722374 | 6.56927654 | 1.24E-10 | 5.66E-10 | 13.1831467 | Up-regulated |
| PTPRN | 1.205967717 | 9.683905447 | 6.563900606 | 1.28E-10 | 5.83E-10 | 13.1506217 | Up-regulated |
| SYNGR3 | 1.07065086 | 7.747052529 | 6.535811518 | 1.53E-10 | 6.89E-10 | 12.98104554 | Up-regulated |
| GABRD | 1.094343995 | 8.147274319 | 6.535401288 | 1.53E-10 | 6.90E-10 | 12.97857351 | Up-regulated |
| PVALB | 1.456308445 | 3.555901946 | 6.493250619 | 1.99E-10 | 8.85E-10 | 12.72527478 | Up-regulated |
| VIPR2 | 1.201005759 | 9.661253502 | 6.491224584 | 2.01E-10 | 8.96E-10 | 12.71313457 | Up-regulated |
| SYT2 | 1.220831671 | 5.426994553 | 6.484266706 | 2.10E-10 | 9.32E-10 | 12.67146672 | Up-regulated |
| RXFP1 | 1.191742181 | 3.266551751 | 6.479188915 | 2.16E-10 | 9.61E-10 | 12.64108185 | Up-regulated |
| HES5 | 1.104823937 | 6.953326459 | 6.479159352 | 2.17E-10 | 9.61E-10 | 12.64090502 | Up-regulated |
| SMOC1 | 1.001208194 | 13.13645506 | 6.470099922 | 2.29E-10 | 1.01E-09 | 12.58674488 | Up-regulated |
| GLP1R | 1.244703143 | 3.188582296 | 6.431261684 | 2.90E-10 | 1.27E-09 | 12.35528713 | Up-regulated |
| RPRML | 1.007201547 | 3.3531393 | 6.383949976 | 3.87E-10 | 1.67E-09 | 12.07493352 | Up-regulated |
| CACNG3 | 1.485146854 | 5.846931323 | 6.383274756 | 3.88E-10 | 1.68E-09 | 12.07094515 | Up-regulated |
| GRM5 | 1.065265922 | 8.026048444 | 6.379451569 | 3.97E-10 | 1.72E-09 | 12.04836925 | Up-regulated |
| CTXN3 | 1.30052715 | 2.36790856 | 6.325880107 | 5.49E-10 | 2.33E-09 | 11.73324444 | Up-regulated |
| CLVS2 | 1.169820367 | 5.133091245 | 6.325533708 | 5.50E-10 | 2.34E-09 | 11.7312142 | Up-regulated |
| CALY | 1.389811997 | 6.480837743 | 6.324044971 | 5.55E-10 | 2.36E-09 | 11.72248979 | Up-regulated |
| MCHR2 | 1.230572093 | 2.171519844 | 6.307320164 | 6.13E-10 | 2.59E-09 | 11.62459854 | Up-regulated |
| SYN2 | 1.277578092 | 9.095499222 | 6.305860012 | 6.19E-10 | 2.62E-09 | 11.61606271 | Up-regulated |
| TRHDE | 1.267020667 | 4.579690661 | 6.298342298 | 6.47E-10 | 2.73E-09 | 11.57214207 | Up-regulated |
| GPR22 | 1.227339117 | 4.047788716 | 6.287288824 | 6.92E-10 | 2.91E-09 | 11.50764596 | Up-regulated |
| FERMT1 | 1.005901681 | 9.968608949 | 6.284606363 | 7.03E-10 | 2.95E-09 | 11.49200865 | Up-regulated |
| GABRA1 | 1.534601608 | 7.124921012 | 6.270881272 | 7.63E-10 | 3.19E-09 | 11.41208821 | Up-regulated |
| TMEM130 | 1.199264556 | 8.965312257 | 6.26101342 | 8.09E-10 | 3.38E-09 | 11.35472081 | Up-regulated |
| NGB | 1.326222163 | 3.707417704 | 6.250008627 | 8.64E-10 | 3.59E-09 | 11.29083514 | Up-regulated |
| CPNE7 | 1.118468586 | 4.790437354 | 6.195415937 | 1.19E-09 | 4.88E-09 | 10.97533794 | Up-regulated |
| ACCN1 | 1.107165737 | 5.500243191 | 6.173396814 | 1.36E-09 | 5.53E-09 | 10.84876084 | Up-regulated |
| DLL3 | 1.047824037 | 11.48685019 | 6.144236805 | 1.61E-09 | 6.52E-09 | 10.68173195 | Up-regulated |
| GPR83 | 1.098589435 | 4.435205058 | 6.138586195 | 1.67E-09 | 6.72E-09 | 10.64944406 | Up-regulated |
| ICAM5 | 1.157643417 | 6.703126848 | 6.126652136 | 1.79E-09 | 7.19E-09 | 10.58133645 | Up-regulated |
| PHYHIP | 1.009023244 | 9.887623735 | 6.122806782 | 1.83E-09 | 7.34E-09 | 10.55941541 | Up-regulated |
| SSTR1 | 1.129739968 | 7.349837938 | 6.102918142 | 2.05E-09 | 8.20E-09 | 10.44622685 | Up-regulated |
| SYCE1 | 1.409611056 | 4.52937821 | 6.100932943 | 2.08E-09 | 8.29E-09 | 10.43494632 | Up-regulated |
| WNT10B | 1.100380027 | 4.592342607 | 6.066440883 | 2.54E-09 | 1.00E-08 | 10.2394582 | Up-regulated |
| TNNT2 | 1.26532212 | 2.592730739 | 6.025498963 | 3.22E-09 | 1.26E-08 | 10.0086608 | Up-regulated |
| UNC13C | 1.316868172 | 5.836698054 | 5.982771868 | 4.12E-09 | 1.59E-08 | 9.769246408 | Up-regulated |
| HPCA | 1.281287776 | 7.833236381 | 5.953613971 | 4.87E-09 | 1.86E-08 | 9.606715056 | Up-regulated |
| PRKCG | 1.256992763 | 6.679874514 | 5.946286727 | 5.08E-09 | 1.94E-08 | 9.565980329 | Up-regulated |
| CAMK2A | 1.385225645 | 9.678550389 | 5.895046104 | 6.79E-09 | 2.56E-08 | 9.282337654 | Up-regulated |
| NEFM | 1.377578934 | 8.11971284 | 5.891087006 | 6.95E-09 | 2.62E-08 | 9.260511168 | Up-regulated |
| OPRK1 | 1.078800045 | 3.725457004 | 5.879540478 | 7.42E-09 | 2.79E-08 | 9.196928335 | Up-regulated |
| GABRB2 | 1.269219864 | 7.168933268 | 5.735960134 | 1.66E-08 | 5.99E-08 | 8.415408622 | Up-regulated |
| SYT1 | 1.157618759 | 10.01970837 | 5.734132633 | 1.68E-08 | 6.05E-08 | 8.405570675 | Up-regulated |
| STMN2 | 1.237435825 | 9.732796109 | 5.730842871 | 1.71E-08 | 6.16E-08 | 8.387867918 | Up-regulated |
| NEUROD6 | 1.278644958 | 3.719089494 | 5.696535605 | 2.06E-08 | 7.37E-08 | 8.203787554 | Up-regulated |
| FADS6 | 1.027381068 | 2.447368482 | 5.688219407 | 2.16E-08 | 7.70E-08 | 8.159312393 | Up-regulated |
| CCKBR | 1.125958797 | 4.587014786 | 5.673351096 | 2.34E-08 | 8.32E-08 | 8.079939116 | Up-regulated |
| CRYM | 1.34323671 | 6.639453891 | 5.659289713 | 2.53E-08 | 8.96E-08 | 8.005042089 | Up-regulated |
| TNR | 1.026556259 | 10.5090321 | 5.655880263 | 2.58E-08 | 9.12E-08 | 7.986906571 | Up-regulated |
| NEUROD4 | 1.055209666 | 3.379889105 | 5.651717289 | 2.64E-08 | 9.31E-08 | 7.964775992 | Up-regulated |
| KIAA1239 | 1.153471224 | 3.581808171 | 5.637019522 | 2.86E-08 | 1.01E-07 | 7.886756961 | Up-regulated |
| MPPED1 | 1.206457649 | 5.7889607 | 5.599064659 | 3.52E-08 | 1.23E-07 | 7.686114382 | Up-regulated |
| NMU | 1.043968862 | 2.757767704 | 5.590299872 | 3.69E-08 | 1.28E-07 | 7.639951037 | Up-regulated |
| LOC285780 | 1.077620107 | 2.69493716 | 5.583317275 | 3.83E-08 | 1.33E-07 | 7.603220123 | Up-regulated |
| PACSIN1 | 1.310124658 | 8.72561965 | 5.579034135 | 3.92E-08 | 1.36E-07 | 7.58070941 | Up-regulated |
| SLC6A7 | 1.355332525 | 4.553492607 | 5.539633292 | 4.85E-08 | 1.67E-07 | 7.374350095 | Up-regulated |
| A2BP1 | 1.065397895 | 7.339306809 | 5.537706087 | 4.90E-08 | 1.68E-07 | 7.364289747 | Up-regulated |
| KLK7 | 1.10903026 | 2.959180739 | 5.440550747 | 8.24E-08 | 2.76E-07 | 6.861153072 | Up-regulated |
| CAMK1G | 1.289856314 | 5.700926848 | 5.435221607 | 8.47E-08 | 2.83E-07 | 6.833784373 | Up-regulated |
| ACAN | 1.04877136 | 6.028829377 | 5.409742547 | 9.70E-08 | 3.22E-07 | 6.703262708 | Up-regulated |
| SLC30A3 | 1.299092191 | 5.237969066 | 5.399472114 | 1.02E-07 | 3.38E-07 | 6.650804978 | Up-regulated |
| NEUROD2 | 1.168411513 | 5.710856226 | 5.396951624 | 1.04E-07 | 3.43E-07 | 6.637944798 | Up-regulated |
| NRGN | 1.19598512 | 9.789311089 | 5.360777939 | 1.25E-07 | 4.11E-07 | 6.453968107 | Up-regulated |
| SLC6A17 | 1.072297154 | 8.305498054 | 5.349457314 | 1.33E-07 | 4.36E-07 | 6.39661936 | Up-regulated |
| VSNL1 | 1.306427165 | 8.706199027 | 5.30731086 | 1.66E-07 | 5.35E-07 | 6.184064764 | Up-regulated |
| SULT4A1 | 1.189640743 | 7.875771012 | 5.283061558 | 1.88E-07 | 6.03E-07 | 6.062452199 | Up-regulated |
| GPR26 | 1.32310284 | 4.413290856 | 5.22814145 | 2.50E-07 | 7.90E-07 | 5.788870113 | Up-regulated |
| TMEM155 | 1.09650228 | 5.224559728 | 5.224177878 | 2.55E-07 | 8.05E-07 | 5.769225096 | Up-regulated |
| SYNPR | 1.146294689 | 6.578437354 | 5.201932114 | 2.86E-07 | 8.98E-07 | 5.659214904 | Up-regulated |
| TBR1 | 1.131233261 | 5.054773152 | 5.160261252 | 3.53E-07 | 1.10E-06 | 5.454280374 | Up-regulated |
| EMX1 | 1.006658085 | 3.688305447 | 5.147998088 | 3.76E-07 | 1.17E-06 | 5.394253734 | Up-regulated |
| NEFL | 1.342420019 | 8.6209607 | 5.140891524 | 3.89E-07 | 1.21E-06 | 5.359526925 | Up-regulated |
| MAL2 | 1.120595954 | 5.8049 | 5.137671704 | 3.96E-07 | 1.23E-06 | 5.343807249 | Up-regulated |
| KLRC2 | 1.139705493 | 8.114788521 | 5.092596712 | 4.97E-07 | 1.52E-06 | 5.124677237 | Up-regulated |
| CCK | 1.174657198 | 6.814614591 | 5.087952394 | 5.09E-07 | 1.55E-06 | 5.102198203 | Up-regulated |
| CLEC2L | 1.037616013 | 5.207238911 | 5.087189648 | 5.11E-07 | 1.56E-06 | 5.098508196 | Up-regulated |
| CPNE4 | 1.033270882 | 5.705098054 | 4.95087053 | 1.00E-06 | 2.96E-06 | 4.447074799 | Up-regulated |
| KCNV1 | 1.18061237 | 3.706042607 | 4.917012816 | 1.18E-06 | 3.47E-06 | 4.287768017 | Up-regulated |
| SLC17A7 | 1.315254969 | 9.460154669 | 4.840331892 | 1.72E-06 | 4.93E-06 | 3.930651039 | Up-regulated |
| C11orf87 | 1.034419492 | 5.924392218 | 4.727551812 | 2.94E-06 | 8.20E-06 | 3.41473177 | Up-regulated |
| RYR2 | 1.033594555 | 6.277739494 | 4.727371916 | 2.94E-06 | 8.21E-06 | 3.41391772 | Up-regulated |
| GAD2 | 1.040785302 | 5.171136381 | 4.723468606 | 3.00E-06 | 8.35E-06 | 3.396261736 | Up-regulated |
| HCN1 | 1.003120082 | 5.363428988 | 4.630639242 | 4.63E-06 | 1.26E-05 | 2.980308394 | Up-regulated |
| SLC32A1 | 1.018242923 | 5.73528463 | 4.566275295 | 6.22E-06 | 1.67E-05 | 2.696361875 | Up-regulated |
| SV2B | 1.025314762 | 7.61030214 | 4.467849478 | 9.73E-06 | 2.54E-05 | 2.269240677 | Up-regulated |
| RASAL1 | 1.000949676 | 5.590935992 | 4.456846456 | 1.02E-05 | 2.67E-05 | 2.22202735 | Up-regulated |
| VEPH1 | 1.036710123 | 6.216683852 | 4.456269271 | 1.02E-05 | 2.67E-05 | 2.219553655 | Up-regulated |
| CREG2 | 1.022611782 | 5.990424514 | 4.455452515 | 1.03E-05 | 2.68E-05 | 2.216053718 | Up-regulated |
| KCNS1 | 1.069995918 | 4.742093774 | 4.30829798 | 1.97E-05 | 4.97E-05 | 1.595183729 | Up-regulated |
| KIAA0748 | 1.087699164 | 4.213926459 | 4.235107879 | 2.71E-05 | 6.70E-05 | 1.293602419 | Up-regulated |
| FCGR2A | −1.875673952 | 8.667896304 | −22.44108236 | 3.19E-78 | 6.55E-74 | 167.536988 | Down-regulated |
| ARHGDIB | −1.292134257 | 10.16946187 | −21.94760446 | 8.62E-76 | 8.85E-72 | 161.9701677 | Down-regulated |
| TRIM38 | −1.296357049 | 6.546591245 | −21.77645405 | 6.01E-75 | 4.11E-71 | 160.040074 | Down-regulated |
| SQRDL | −1.372293901 | 7.278953502 | −21.59097594 | 4.92E-74 | 2.25E-70 | 157.9489911 | Down-regulated |
| HLA-DMB | −1.869282434 | 8.982743969 | −21.5798343 | 5.58E-74 | 2.25E-70 | 157.8234029 | Down-regulated |
| CASP4 | −1.60894534 | 6.333554086 | −21.56532411 | 6.58E-74 | 2.25E-70 | 157.6598487 | Down-regulated |
| ADPRH | −1.260836489 | 6.685814202 | −21.48370058 | 1.66E-73 | 4.37E-70 | 156.7399065 | Down-regulated |
| LAIR1 | −1.775474803 | 8.304992023 | −21.48153001 | 1.70E-73 | 4.37E-70 | 156.7154451 | Down-regulated |
| PLBD1 | −1.885756765 | 5.209174514 | −21.46893067 | 1.96E-73 | 4.48E-70 | 156.5734588 | Down-regulated |
| LYN | −1.288952398 | 8.683374514 | −21.36375527 | 6.46E-73 | 1.30E-69 | 155.388363 | Down-regulated |
| PLCG2 | −1.370059051 | 7.377277432 | −21.35740678 | 6.95E-73 | 1.30E-69 | 155.3168392 | Down-regulated |
| HLA-DMA | −1.790965022 | 8.995478988 | −21.31835045 | 1.08E-72 | 1.85E-69 | 154.8768448 | Down-regulated |
| CD4 | −1.36254997 | 9.781729767 | −21.28931357 | 1.50E-72 | 2.37E-69 | 154.5497548 | Down-regulated |
| CTSS | −1.620752426 | 9.060616537 | −21.26887093 | 1.89E-72 | 2.78E-69 | 154.3194909 | Down-regulated |
| SERPINA1 | −2.181221294 | 7.877307393 | −21.18943247 | 4.66E-72 | 6.02E-69 | 153.4248277 | Down-regulated |
| CD74 | −2.08280145 | 13.38341576 | −21.18874945 | 4.69E-72 | 6.02E-69 | 153.4171361 | Down-regulated |
| SP100 | −1.452015328 | 8.177205253 | −21.12433751 | 9.73E-72 | 1.18E-68 | 152.6918591 | Down-regulated |
| RAB32 | −1.443230299 | 6.751564397 | −20.97518388 | 5.27E-71 | 6.01E-68 | 151.0129536 | Down-regulated |
| PLEK | −1.654203252 | 7.831200389 | −20.92539722 | 9.25E-71 | 1.00E-67 | 150.4527303 | Down-regulated |
| HLA-E | −1.083512978 | 12.09714027 | −20.86684479 | 1.79E-70 | 1.84E-67 | 149.7939972 | Down-regulated |
| ITGB2 | −1.759198531 | 10.21696128 | −20.83162881 | 2.67E-70 | 2.53E-67 | 149.3978747 | Down-regulated |
| RBM47 | −1.746826781 | 6.648707198 | −20.83027715 | 2.71E-70 | 2.53E-67 | 149.3826717 | Down-regulated |
| CTSC | −1.499089823 | 9.017774319 | −20.82102205 | 3.01E-70 | 2.69E-67 | 149.2785761 | Down-regulated |
| HLA-DRA | −2.310647335 | 11.57061284 | −20.7972324 | 3.95E-70 | 3.37E-67 | 149.0110218 | Down-regulated |
| RAC2 | −1.679375055 | 6.430072763 | −20.71653463 | 9.83E-70 | 8.07E-67 | 148.1036258 | Down-regulated |
| CCR5 | −2.161505066 | 5.00095428 | −20.66263307 | 1.81E-69 | 1.43E-66 | 147.4977014 | Down-regulated |
| ARPC1B | −1.320910171 | 9.70286284 | −20.611645 | 3.22E-69 | 2.45E-66 | 146.9246546 | Down-regulated |
| CTSZ | −1.276508318 | 10.11766459 | −20.58785004 | 4.21E-69 | 3.09E-66 | 146.6572699 | Down-regulated |
| TNFRSF1B | −1.330452965 | 9.26428249 | −20.57837306 | 4.68E-69 | 3.32E-66 | 146.5507846 | Down-regulated |
| ELF4 | −1.558299827 | 6.178803891 | −20.57508878 | 4.86E-69 | 3.33E-66 | 146.5138828 | Down-regulated |
| ADAP2 | −1.280592499 | 7.877605253 | −20.53822781 | 7.37E-69 | 4.83E-66 | 146.0997539 | Down-regulated |
| CASP1 | −1.675706889 | 6.940324903 | −20.53637864 | 7.53E-69 | 4.83E-66 | 146.0789804 | Down-regulated |
| MSR1 | −2.093852922 | 7.668923152 | −20.52097491 | 8.96E-69 | 5.57E-66 | 145.9059432 | Down-regulated |
| GPR65 | −2.210653973 | 4.99876537 | −20.44987096 | 2.00E-68 | 1.21E-65 | 145.1073582 | Down-regulated |
| TMEM173 | −1.166276187 | 7.602728988 | −20.38931877 | 3.96E-68 | 2.26E-65 | 144.4274949 | Down-regulated |
| A2M | −1.104863378 | 13.43655545 | −20.35721528 | 5.70E-68 | 3.16E-65 | 144.0671274 | Down-regulated |
| TYROBP | −1.585642802 | 9.371634825 | −20.34227914 | 6.74E-68 | 3.64E-65 | 143.8994861 | Down-regulated |
| TGFBR2 | −1.125108246 | 9.694379377 | −20.32040654 | 8.63E-68 | 4.54E-65 | 143.6540137 | Down-regulated |
| FCER1G | −1.641954357 | 8.349609533 | −20.30183064 | 1.06E-67 | 5.46E-65 | 143.4455611 | Down-regulated |
| LAPTM5 | −1.553943044 | 11.67694202 | −20.26601964 | 1.59E-67 | 7.98E-65 | 143.0437581 | Down-regulated |
| HLA-DOA | −2.321322771 | 7.906090078 | −20.16820325 | 4.81E-67 | 2.35E-64 | 141.946637 | Down-regulated |
| S100A11 | −1.718940804 | 8.921300973 | −20.14957719 | 5.93E-67 | 2.83E-64 | 141.7377908 | Down-regulated |
| DAPP1 | −1.807379578 | 4.306690467 | −20.13722308 | 6.81E-67 | 3.18E-64 | 141.5992814 | Down-regulated |
| PTGER4 | −1.781037355 | 5.102264981 | −20.07521638 | 1.37E-66 | 6.25E-64 | 140.9042316 | Down-regulated |
| ARHGAP25 | −1.230765098 | 7.553079377 | −20.06539498 | 1.53E-66 | 6.84E-64 | 140.7941635 | Down-regulated |
| CD53 | −1.552289181 | 9.187610311 | −20.0339266 | 2.18E-66 | 9.54E-64 | 140.4415405 | Down-regulated |
| SLC15A3 | −1.420497169 | 8.364077432 | −19.98762943 | 3.68E-66 | 1.57E-63 | 139.9228705 | Down-regulated |
| CYBB | −1.844865174 | 9.583664397 | −19.95968242 | 5.04E-66 | 2.11E-63 | 139.6098479 | Down-regulated |
| HLA-DPA1 | −2.184837125 | 10.55643016 | −19.92519048 | 7.43E-66 | 3.05E-63 | 139.2235918 | Down-regulated |
| ARL11 | −1.486207761 | 4.949594163 | −19.92332643 | 7.59E-66 | 3.06E-63 | 139.2027197 | Down-regulated |
| CD68 | −1.555964193 | 10.4401784 | −19.91361097 | 8.47E-66 | 3.28E-63 | 139.0939377 | Down-regulated |
| CSF2RB | −1.631092533 | 5.699382879 | −19.91007607 | 8.81E-66 | 3.35E-63 | 139.0543598 | Down-regulated |
| VAMP8 | −1.437137706 | 7.814000778 | −19.89979171 | 9.89E-66 | 3.68E-63 | 138.9392177 | Down-regulated |
| IL13RA1 | −1.318473325 | 9.968542802 | −19.89851317 | 1.00E-65 | 3.68E-63 | 138.9249038 | Down-regulated |
| CLIC1 | −1.516052804 | 9.449964202 | −19.85345937 | 1.67E-65 | 6.00E-63 | 138.4205799 | Down-regulated |
| KYNU | −1.967836958 | 3.956779377 | −19.83883398 | 1.97E-65 | 6.96E-63 | 138.256897 | Down-regulated |
| LCP2 | −1.343444228 | 7.82983035 | −19.77496851 | 4.03E-65 | 1.40E-62 | 137.5423155 | Down-regulated |
| SERPINB1 | −1.26285357 | 7.612773152 | −19.70958373 | 8.41E-65 | 2.88E-62 | 136.8110469 | Down-regulated |
| GPSM3 | −1.307019589 | 8.218675681 | −19.6660851 | 1.37E-64 | 4.62E-62 | 136.324734 | Down-regulated |
| SASH3 | −1.604336101 | 7.889882296 | −19.65161612 | 1.61E-64 | 5.35E-62 | 136.1630037 | Down-regulated |
| B4GALT1 | −1.052698032 | 8.710800973 | −19.62060914 | 2.29E-64 | 7.45E-62 | 135.8164711 | Down-regulated |
| PTPRC | −1.782902108 | 8.13334786 | −19.61262935 | 2.50E-64 | 7.91E-62 | 135.7273016 | Down-regulated |
| CD300A | −1.479394029 | 7.436395525 | −19.61258483 | 2.50E-64 | 7.91E-62 | 135.7268041 | Down-regulated |
| HLA-DPB1 | −2.173128558 | 9.794058171 | −19.56960498 | 4.06E-64 | 1.26E-61 | 135.2466162 | Down-regulated |
| CD300C | −1.622010238 | 4.702690078 | −19.54828016 | 5.16E-64 | 1.57E-61 | 135.0084219 | Down-regulated |
| SIGLEC9 | −1.825078891 | 5.55466323 | −19.54750167 | 5.20E-64 | 1.57E-61 | 134.999727 | Down-regulated |
| TLR1 | −1.592719507 | 6.478142023 | −19.54036253 | 5.64E-64 | 1.68E-61 | 134.9199927 | Down-regulated |
| HLA-DRB1 | −2.249852883 | 9.925681712 | −19.52701791 | 6.55E-64 | 1.92E-61 | 134.7709632 | Down-regulated |
| C1QC | −1.638262933 | 11.27515039 | −19.51500669 | 7.49E-64 | 2.17E-61 | 134.6368371 | Down-regulated |
| LCP1 | −1.443185477 | 9.16537393 | −19.51111238 | 7.83E-64 | 2.23E-61 | 134.5933529 | Down-regulated |
| APOBEC3G | −1.572398795 | 6.015314008 | −19.46562808 | 1.30E-63 | 3.67E-61 | 134.0855647 | Down-regulated |
| RCSD1 | −1.105341161 | 8.422211284 | −19.44817658 | 1.59E-63 | 4.40E-61 | 133.8907813 | Down-regulated |
| SLC7A7 | −1.471606971 | 7.705117315 | −19.4428663 | 1.68E-63 | 4.61E-61 | 133.8315163 | Down-regulated |
| OLFML3 | −1.442955647 | 9.047906615 | −19.43980375 | 1.74E-63 | 4.71E-61 | 133.7973379 | Down-regulated |
| NCKAP1L | −1.5974661 | 8.528414008 | −19.42681889 | 2.02E-63 | 5.38E-61 | 133.6524345 | Down-regulated |
| C1QB | −1.729459847 | 11.36137432 | −19.35794313 | 4.37E-63 | 1.15E-60 | 132.884063 | Down-regulated |
| CD86 | −1.64120367 | 7.556071401 | −19.35195099 | 4.67E-63 | 1.21E-60 | 132.8172346 | Down-regulated |
| LHFPL2 | −1.161909078 | 9.620743969 | −19.31702951 | 6.91E-63 | 1.77E-60 | 132.4278299 | Down-regulated |
| ARHGAP30 | −1.293184269 | 8.155337354 | −19.31409228 | 7.14E-63 | 1.81E-60 | 132.3950822 | Down-regulated |
| LY96 | −1.572185159 | 5.538815759 | −19.30215305 | 8.16E-63 | 2.04E-60 | 132.2619774 | Down-regulated |
| LRRC25 | −1.623730762 | 6.314906031 | −19.27933928 | 1.05E-62 | 2.61E-60 | 132.0076728 | Down-regulated |
| RNASE6 | −1.518501048 | 7.51131965 | −19.25451062 | 1.39E-62 | 3.40E-60 | 131.7309614 | Down-regulated |
| ALOX5 | −1.724426699 | 7.436774125 | −19.23610189 | 1.71E-62 | 4.13E-60 | 131.5258352 | Down-regulated |
| PTPLAD2 | −1.430498383 | 6.210090856 | −19.23452132 | 1.74E-62 | 4.16E-60 | 131.5082246 | Down-regulated |
| ALOX5AP | −2.006905541 | 7.927192412 | −19.23182144 | 1.80E-62 | 4.24E-60 | 131.4781432 | Down-regulated |
| C3AR1 | −1.707514126 | 8.712756809 | −19.22234354 | 2.00E-62 | 4.66E-60 | 131.3725479 | Down-regulated |
| DOCK2 | −1.650316782 | 8.26460428 | −19.21372463 | 2.20E-62 | 5.07E-60 | 131.27653 | Down-regulated |
| MYO1F | −1.481467381 | 8.530673735 | −19.18465321 | 3.05E-62 | 6.95E-60 | 130.952714 | Down-regulated |
| CIITA | −2.290384735 | 6.35311751 | −19.17850678 | 3.26E-62 | 7.36E-60 | 130.8842613 | Down-regulated |
| GBGT1 | −1.25722467 | 6.360925875 | −19.15950733 | 4.04E-62 | 9.01E-60 | 130.6726868 | Down-regulated |
| FAM129A | −1.751465561 | 7.571632879 | −19.13432418 | 5.35E-62 | 1.18E-59 | 130.392304 | Down-regulated |
| HCK | −1.443729224 | 8.075153502 | −19.11952055 | 6.32E-62 | 1.38E-59 | 130.2275121 | Down-regulated |
| TMEM106A | −1.499484215 | 5.72759572 | −19.09969157 | 7.89E-62 | 1.70E-59 | 130.0068116 | Down-regulated |
| CCR1 | −1.696823017 | 7.38964358 | −19.09769123 | 8.07E-62 | 1.73E-59 | 129.9845495 | Down-regulated |
| ITGAL | −1.878310144 | 6.830000778 | −19.05084271 | 1.36E-61 | 2.88E-59 | 129.4632757 | Down-regulated |
| LTBR | −1.152571412 | 7.708065953 | −19.02541071 | 1.81E-61 | 3.79E-59 | 129.1803887 | Down-regulated |
| GAPT | −2.143091882 | 4.248612646 | −19.00444878 | 2.29E-61 | 4.75E-59 | 128.9472713 | Down-regulated |
| PTPN6 | −1.408615704 | 8.232872568 | −18.9990975 | 2.43E-61 | 4.99E-59 | 128.8877668 | Down-regulated |
| TRAF3IP3 | −1.743400021 | 5.019989105 | −18.9979202 | 2.46E-61 | 5.01E-59 | 128.8746759 | Down-regulated |
| PDCD1LG2 | −2.060451544 | 4.492235214 | −18.98351051 | 2.89E-61 | 5.83E-59 | 128.7144607 | Down-regulated |
| LILRB1 | −1.742753985 | 6.846803502 | −18.97366181 | 3.23E-61 | 6.44E-59 | 128.604969 | Down-regulated |
| FERMT3 | −1.388118432 | 8.058732101 | −18.95731428 | 3.88E-61 | 7.66E-59 | 128.423249 | Down-regulated |
| CYTIP | −1.627529191 | 5.25096537 | −18.91146833 | 6.48E-61 | 1.26E-58 | 127.9137673 | Down-regulated |
| HAVCR2 | −1.584530157 | 8.709107588 | −18.91127724 | 6.49E-61 | 1.26E-58 | 127.9116442 | Down-regulated |
| CD14 | −1.796303876 | 9.936746693 | −18.89446463 | 7.83E-61 | 1.50E-58 | 127.7248615 | Down-regulated |
| APOBEC3C | −1.513162473 | 6.039216148 | −18.8705382 | 1.02E-60 | 1.94E-58 | 127.4590967 | Down-regulated |
| CECR1 | −1.354077089 | 8.925978405 | −18.84833505 | 1.31E-60 | 2.47E-58 | 127.2125266 | Down-regulated |
| ARHGAP15 | −1.828442775 | 4.9460107 | −18.82425689 | 1.72E-60 | 3.20E-58 | 126.9451926 | Down-regulated |
| CYBA | −1.400441379 | 9.151507393 | −18.75796854 | 3.60E-60 | 6.65E-58 | 126.2095266 | Down-regulated |
| FGL2 | −1.673812246 | 7.839432879 | −18.7526015 | 3.82E-60 | 7.00E-58 | 126.1499839 | Down-regulated |
| C1QA | −1.633940355 | 10.81714319 | −18.73786932 | 4.50E-60 | 8.17E-58 | 125.9865593 | Down-regulated |
| FCGR3A | −2.08620903 | 9.543798444 | −18.72539303 | 5.17E-60 | 9.31E-58 | 125.8481777 | Down-regulated |
| FXYD5 | −1.336796151 | 8.215245331 | −18.72288914 | 5.32E-60 | 9.49E-58 | 125.8204077 | Down-regulated |
| TLR8 | −1.938112309 | 4.237238911 | −18.62576582 | 1.57E-59 | 2.78E-57 | 124.7437709 | Down-regulated |
| INPP5D | −1.266581847 | 9.435746887 | −18.62274748 | 1.62E-59 | 2.85E-57 | 124.7103288 | Down-regulated |
| MYOF | −1.489203388 | 8.488961868 | −18.598658 | 2.12E-59 | 3.70E-57 | 124.4434621 | Down-regulated |
| CASP8 | −1.277928143 | 6.244619844 | −18.58925454 | 2.36E-59 | 4.07E-57 | 124.3393071 | Down-regulated |
| CMTM7 | −1.427971536 | 6.510535798 | −18.56193014 | 3.20E-59 | 5.47E-57 | 124.0367127 | Down-regulated |
| SYK | −1.526959548 | 8.551768872 | −18.55508523 | 3.45E-59 | 5.86E-57 | 123.9609246 | Down-regulated |
| HCLS1 | −1.542863775 | 9.512206615 | −18.55236672 | 3.56E-59 | 5.99E-57 | 123.9308263 | Down-regulated |
| EVI2B | −1.59096075 | 7.924688911 | −18.54824863 | 3.72E-59 | 6.22E-57 | 123.8852339 | Down-regulated |
| GNGT2 | −1.316778458 | 4.305079961 | −18.46452444 | 9.46E-59 | 1.57E-56 | 122.958731 | Down-regulated |
| IKZF1 | −1.501576399 | 7.512004086 | −18.44216178 | 1.21E-58 | 1.99E-56 | 122.7114025 | Down-regulated |
| FBP1 | −1.602120388 | 5.651397082 | −18.44087067 | 1.23E-58 | 2.00E-56 | 122.6971248 | Down-regulated |
| VAV1 | −1.558601169 | 7.178882101 | −18.43283171 | 1.35E-58 | 2.18E-56 | 122.6082306 | Down-regulated |
| RASGRP4 | −1.538429887 | 5.678352529 | −18.42372651 | 1.49E-58 | 2.39E-56 | 122.5075553 | Down-regulated |
| KCNE3 | −1.352859072 | 5.941891245 | −18.38857603 | 2.20E-58 | 3.48E-56 | 122.1189936 | Down-regulated |
| PIK3AP1 | −1.312083606 | 8.077759339 | −18.36049484 | 3.01E-58 | 4.71E-56 | 121.8086851 | Down-regulated |
| RNASE2 | −2.249750182 | 4.303328599 | −18.35869415 | 3.07E-58 | 4.77E-56 | 121.7887901 | Down-regulated |
| GMFG | −1.166778128 | 7.386330545 | −18.32673193 | 4.38E-58 | 6.75E-56 | 121.435719 | Down-regulated |
| IL12RB1 | −1.553607846 | 4.710614397 | −18.32501432 | 4.46E-58 | 6.83E-56 | 121.416749 | Down-regulated |
| WDFY4 | −1.664093535 | 7.481168288 | −18.31970293 | 4.73E-58 | 7.20E-56 | 121.35809 | Down-regulated |
| IFI30 | −1.924361322 | 8.542764008 | −18.29574893 | 6.17E-58 | 9.32E-56 | 121.0935853 | Down-regulated |
| C3 | −2.052982579 | 12.67338268 | −18.29386983 | 6.30E-58 | 9.45E-56 | 121.072839 | Down-regulated |
| SPI1 | −1.470609978 | 8.635978988 | −18.28917102 | 6.64E-58 | 9.88E-56 | 121.0209634 | Down-regulated |
| CD40 | −1.135066155 | 6.134757393 | −18.26147276 | 9.03E-58 | 1.33E-55 | 120.7152259 | Down-regulated |
| TLR7 | −1.783203249 | 7.264501751 | −18.22898427 | 1.30E-57 | 1.90E-55 | 120.3567365 | Down-regulated |
| SP140L | −1.380723616 | 6.218751556 | −18.18078514 | 2.21E-57 | 3.20E-55 | 119.8251381 | Down-regulated |
| TLR2 | −1.865959878 | 7.694435992 | −18.15721476 | 2.87E-57 | 4.12E-55 | 119.5652841 | Down-regulated |
| TBXAS1 | −1.455555399 | 8.388763035 | −18.07705096 | 6.98E-57 | 9.89E-55 | 118.6820535 | Down-regulated |
| CD33 | −1.502704336 | 6.163666342 | −18.05156326 | 9.26E-57 | 1.30E-54 | 118.4014124 | Down-regulated |
| GPR132 | −1.507856471 | 5.263027043 | −18.04486171 | 9.97E-57 | 1.39E-54 | 118.3276372 | Down-regulated |
| DENND2D | −1.770664847 | 4.989412062 | −18.01546077 | 1.38E-56 | 1.92E-54 | 118.0040427 | Down-regulated |
| CD180 | −1.639096969 | 5.798628405 | −18.00858129 | 1.49E-56 | 2.05E-54 | 117.9283421 | Down-regulated |
| MS4A6A | −2.172688248 | 8.11458716 | −17.98738718 | 1.88E-56 | 2.58E-54 | 117.6951665 | Down-regulated |
| MSN | −1.472792278 | 11.31395759 | −17.95806087 | 2.61E-56 | 3.54E-54 | 117.3726221 | Down-regulated |
| PTGS1 | −1.623682283 | 8.228035603 | −17.95046611 | 2.83E-56 | 3.83E-54 | 117.2891106 | Down-regulated |
| SPINT1 | −1.477855478 | 4.480396304 | −17.88727492 | 5.70E-56 | 7.65E-54 | 116.5945744 | Down-regulated |
| LAT2 | −1.480153997 | 8.231191051 | −17.84876521 | 8.72E-56 | 1.16E-53 | 116.1715868 | Down-regulated |
| KCNQ1 | −1.377266194 | 6.958823541 | −17.82405919 | 1.15E-55 | 1.51E-53 | 115.9003283 | Down-regulated |
| NCF4 | −1.397905166 | 6.774255837 | −17.81876626 | 1.22E-55 | 1.59E-53 | 115.8422263 | Down-regulated |
| C16orf54 | −1.408653152 | 3.852960506 | −17.75890673 | 2.35E-55 | 3.06E-53 | 115.1854096 | Down-regulated |
| BATF | −1.811510199 | 2.956913813 | −17.73385978 | 3.10E-55 | 4.00E-53 | 114.9107325 | Down-regulated |
| MYL12A | −1.038901036 | 9.625188132 | −17.70985869 | 4.04E-55 | 5.19E-53 | 114.6476109 | Down-regulated |
| PIK3R5 | −1.46548684 | 7.381592218 | −17.70106101 | 4.45E-55 | 5.68E-53 | 114.551184 | Down-regulated |
| IL18 | −1.617664698 | 7.076433463 | −17.68191957 | 5.50E-55 | 6.97E-53 | 114.3414237 | Down-regulated |
| CYTH4 | −1.42311508 | 7.993530934 | −17.62487145 | 1.03E-54 | 1.30E-52 | 113.7165891 | Down-regulated |
| GIMAP4 | −1.136999022 | 8.532187743 | −17.61817383 | 1.11E-54 | 1.39E-52 | 113.6432636 | Down-regulated |
| RHOH | −1.578636788 | 4.054843969 | −17.60221735 | 1.32E-54 | 1.65E-52 | 113.4685995 | Down-regulated |
| NPC2 | −1.049444898 | 10.65082237 | −17.57902372 | 1.71E-54 | 2.11E-52 | 113.2147843 | Down-regulated |
| LGALS9 | −1.382737718 | 9.416443385 | −17.57252051 | 1.83E-54 | 2.26E-52 | 113.1436323 | Down-regulated |
| PIK3CG | −1.754650824 | 5.187982879 | −17.55975326 | 2.11E-54 | 2.58E-52 | 113.0039639 | Down-regulated |
| RPS6KA1 | −1.315121736 | 8.601215564 | −17.55796015 | 2.15E-54 | 2.62E-52 | 112.98435 | Down-regulated |
| FAM113B | −1.385542832 | 5.870391634 | −17.54536642 | 2.47E-54 | 2.99E-52 | 112.8466077 | Down-regulated |
| RNF135 | −1.252451208 | 7.14485642 | −17.52966453 | 2.94E-54 | 3.53E-52 | 112.6749045 | Down-regulated |
| TNFSF8 | −1.683826505 | 4.412620039 | −17.52780059 | 3.00E-54 | 3.58E-52 | 112.6545245 | Down-regulated |
| CLEC7A | −1.735079803 | 6.307821012 | −17.50529333 | 3.84E-54 | 4.56E-52 | 112.4084761 | Down-regulated |
| FCGR2C | −2.047433615 | 3.336813813 | −17.48129677 | 5.00E-54 | 5.90E-52 | 112.1462334 | Down-regulated |
| FYB | −1.532228867 | 8.424921595 | −17.47883787 | 5.14E-54 | 6.03E-52 | 112.1193668 | Down-regulated |
| TNFAIP8 | −1.454528619 | 4.826402335 | −17.46984864 | 5.67E-54 | 6.62E-52 | 112.021156 | Down-regulated |
| PLXDC2 | −1.447119059 | 8.146566342 | −17.45854061 | 6.43E-54 | 7.45E-52 | 111.8976294 | Down-regulated |
| C10orf11 | −1.500856813 | 4.171269455 | −17.45239594 | 6.87E-54 | 7.93E-52 | 111.8305147 | Down-regulated |
| FPR1 | −2.012946509 | 7.733139883 | −17.44120616 | 7.77E-54 | 8.92E-52 | 111.7083105 | Down-regulated |
| RIPK3 | −1.322051544 | 4.758548638 | −17.43529119 | 8.30E-54 | 9.46E-52 | 111.6437207 | Down-regulated |
| NFAM1 | −1.313039026 | 7.195589689 | −17.43467312 | 8.35E-54 | 9.47E-52 | 111.6369719 | Down-regulated |
| UCP2 | −1.464938608 | 9.151438911 | −17.42832221 | 8.96E-54 | 1.01E-51 | 111.5676286 | Down-regulated |
| TFEC | −1.5216587 | 6.27216751 | −17.42314458 | 9.48E-54 | 1.06E-51 | 111.5111007 | Down-regulated |
| BTK | −1.434557525 | 7.014299027 | −17.41092236 | 1.08E-53 | 1.21E-51 | 111.3776786 | Down-regulated |
| ITGAM | −1.551518117 | 7.982140467 | −17.40216902 | 1.19E-53 | 1.32E-51 | 111.2821387 | Down-regulated |
| C5AR1 | −1.777965159 | 6.789136187 | −17.39982404 | 1.22E-53 | 1.35E-51 | 111.2565461 | Down-regulated |
| LILRB2 | −1.64781382 | 4.905379961 | −17.39916253 | 1.23E-53 | 1.35E-51 | 111.2493267 | Down-regulated |
| LY86 | −1.496988572 | 7.837480934 | −17.35766714 | 1.95E-53 | 2.12E-51 | 110.7966045 | Down-regulated |
| ICAM1 | −1.652976117 | 7.905934825 | −17.34719125 | 2.18E-53 | 2.36E-51 | 110.6823545 | Down-regulated |
| MNDA | −1.458018989 | 7.247696498 | −17.34273072 | 2.29E-53 | 2.46E-51 | 110.6337134 | Down-regulated |
| SIRPB2 | −1.571550406 | 5.67108035 | −17.33915317 | 2.38E-53 | 2.55E-51 | 110.5947033 | Down-regulated |
| EMR1 | −2.468520591 | 2.819356615 | −17.33172117 | 2.59E-53 | 2.75E-51 | 110.5136703 | Down-regulated |
| NCF1 | −1.721272841 | 5.587388716 | −17.30777258 | 3.36E-53 | 3.54E-51 | 110.2526139 | Down-regulated |
| GBP5 | −2.227381068 | 4.144666148 | −17.30767052 | 3.37E-53 | 3.54E-51 | 110.2515016 | Down-regulated |
| FES | −1.073386486 | 7.152874903 | −17.2865607 | 4.24E-53 | 4.44E-51 | 110.0214679 | Down-regulated |
| CHI3L2 | −2.991086625 | 7.848387938 | −17.28250002 | 4.44E-53 | 4.62E-51 | 109.977227 | Down-regulated |
| CCRL2 | −1.175529924 | 5.243291829 | −17.28101582 | 4.51E-53 | 4.67E-51 | 109.9610574 | Down-regulated |
| IL10RA | −1.45253763 | 8.141790467 | −17.22452604 | 8.37E-53 | 8.64E-51 | 109.345901 | Down-regulated |
| C17orf60 | −1.562902377 | 4.253635214 | −17.22245572 | 8.56E-53 | 8.75E-51 | 109.3233659 | Down-regulated |
| LPAR6 | −1.206720491 | 8.241164591 | −17.19705479 | 1.13E-52 | 1.15E-50 | 109.0469393 | Down-regulated |
| SLC16A3 | −1.378862088 | 7.89060428 | −17.17811231 | 1.39E-52 | 1.41E-50 | 108.8408676 | Down-regulated |
| SLC16A5 | −1.160121569 | 3.744385409 | −17.15825414 | 1.73E-52 | 1.73E-50 | 108.6248992 | Down-regulated |
| PLSCR1 | −1.319564883 | 8.237229767 | −17.13188202 | 2.31E-52 | 2.29E-50 | 108.3381915 | Down-regulated |
| CARD16 | −1.865442006 | 4.777931518 | −17.12280371 | 2.55E-52 | 2.51E-50 | 108.239523 | Down-regulated |
| ST8SIA4 | −1.148993938 | 7.480714397 | −17.10840104 | 2.98E-52 | 2.92E-50 | 108.083015 | Down-regulated |
| SPN | −1.458953507 | 5.90901284 | −17.10811635 | 2.99E-52 | 2.92E-50 | 108.0799218 | Down-regulated |
| AIF1 | −1.426237742 | 9.009224903 | −17.08381538 | 3.90E-52 | 3.80E-50 | 107.815935 | Down-regulated |
| CARD6 | −1.018924195 | 6.589173346 | −17.08022397 | 4.06E-52 | 3.93E-50 | 107.7769293 | Down-regulated |
| ABI3 | −1.417232174 | 7.771072957 | −17.05374008 | 5.42E-52 | 5.22E-50 | 107.4893616 | Down-regulated |
| GBP2 | −2.082503685 | 8.815678016 | −17.0465285 | 5.86E-52 | 5.62E-50 | 107.4110778 | Down-regulated |
| TNFRSF1A | −1.221106035 | 10.00445019 | −17.02923489 | 7.08E-52 | 6.73E-50 | 107.2233876 | Down-regulated |
| PTPN7 | −2.037005784 | 4.598369844 | −17.00113285 | 9.62E-52 | 9.10E-50 | 106.9185036 | Down-regulated |
| RUNX1 | −1.733169589 | 7.587929767 | −16.99157884 | 1.07E-51 | 1.01E-49 | 106.814882 | Down-regulated |
| DOCK8 | −1.494162866 | 8.591828599 | −16.97531574 | 1.28E-51 | 1.20E-49 | 106.6385317 | Down-regulated |
| C19orf38 | −1.227088063 | 5.256521206 | −16.96956907 | 1.36E-51 | 1.27E-49 | 106.5762284 | Down-regulated |
| LEPREL1 | −1.614992717 | 6.664527821 | −16.95439769 | 1.60E-51 | 1.48E-49 | 106.411774 | Down-regulated |
| S100A4 | −2.141878295 | 5.469856226 | −16.95432994 | 1.60E-51 | 1.48E-49 | 106.4110397 | Down-regulated |
| HCST | −1.512662597 | 6.195749222 | −16.93076653 | 2.07E-51 | 1.91E-49 | 106.1556991 | Down-regulated |
| CXorf21 | −1.570306571 | 4.8080107 | −16.92799954 | 2.14E-51 | 1.96E-49 | 106.1257217 | Down-regulated |
| IGSF6 | −1.442022493 | 6.402165175 | −16.91789624 | 2.39E-51 | 2.18E-49 | 106.0162746 | Down-regulated |
| HMOX1 | −1.377321115 | 9.335266342 | −16.9100827 | 2.60E-51 | 2.36E-49 | 105.9316445 | Down-regulated |
| CD7 | −1.550775061 | 3.64887179 | −16.90131754 | 2.86E-51 | 2.58E-49 | 105.8367204 | Down-regulated |
| VIM | −1.912099334 | 13.67325564 | −16.87796424 | 3.69E-51 | 3.32E-49 | 105.5838788 | Down-regulated |
| COL8A2 | −1.758646663 | 7.010175292 | −16.87659485 | 3.74E-51 | 3.35E-49 | 105.5690557 | Down-regulated |
| ECM2 | −1.881927958 | 7.905368677 | −16.87419835 | 3.84E-51 | 3.43E-49 | 105.5431155 | Down-regulated |
| SCIN | −2.362790192 | 8.097657198 | −16.87198774 | 3.93E-51 | 3.50E-49 | 105.5191883 | Down-regulated |
| MS4A7 | −1.523746342 | 8.583809533 | −16.86166209 | 4.40E-51 | 3.89E-49 | 105.4074372 | Down-regulated |
| LILRB4 | −1.599996669 | 8.717290856 | −16.85966654 | 4.50E-51 | 3.96E-49 | 105.3858422 | Down-regulated |
| C2 | −1.700894668 | 7.564594358 | −16.85805525 | 4.58E-51 | 4.02E-49 | 105.3684061 | Down-regulated |
| TNFAIP8L2 | −1.366812567 | 6.575894358 | −16.82571878 | 6.51E-51 | 5.69E-49 | 105.0185864 | Down-regulated |
| SIPA1 | −1.02195145 | 9.269976848 | −16.80896789 | 7.81E-51 | 6.77E-49 | 104.8374487 | Down-regulated |
| HAAO | −1.25624077 | 5.148305058 | −16.79908045 | 8.70E-51 | 7.50E-49 | 104.7305539 | Down-regulated |
| DEF6 | −1.384508273 | 7.226830545 | −16.79536814 | 9.05E-51 | 7.78E-49 | 104.6904241 | Down-regulated |
| CTBS | −1.055175427 | 7.505860506 | −16.74898568 | 1.50E-50 | 1.28E-48 | 104.1892496 | Down-regulated |
| OSCAR | −1.30231832 | 5.784479572 | −16.73549159 | 1.74E-50 | 1.47E-48 | 104.0435178 | Down-regulated |
| AOAH | −1.34074015 | 7.179449222 | −16.70698688 | 2.37E-50 | 2.00E-48 | 103.7357885 | Down-regulated |
| SAMSN1 | −1.539032558 | 7.357860506 | −16.70107615 | 2.52E-50 | 2.12E-48 | 103.671997 | Down-regulated |
| IL2RG | −1.589088911 | 4.752066537 | −16.69087304 | 2.82E-50 | 2.35E-48 | 103.5618955 | Down-regulated |
| STXBP2 | −1.19981729 | 7.612312451 | −16.68525701 | 3.00E-50 | 2.49E-48 | 103.5013016 | Down-regulated |
| FCGBP | −2.554880505 | 10.02687568 | −16.67932221 | 3.19E-50 | 2.64E-48 | 103.4372746 | Down-regulated |
| ANO6 | −1.016836186 | 10.1910284 | −16.6396983 | 4.91E-50 | 4.05E-48 | 103.009969 | Down-regulated |
| ARHGAP9 | −1.274407313 | 6.740989689 | −16.58178694 | 9.20E-50 | 7.56E-48 | 102.3859928 | Down-regulated |
| ITGA5 | −1.300112603 | 8.444709922 | −16.57741217 | 9.65E-50 | 7.86E-48 | 102.3388825 | Down-regulated |
| HLA-DRB5 | −2.262392203 | 8.258353502 | −16.5627959 | 1.13E-49 | 9.17E-48 | 102.181512 | Down-regulated |
| UNC93B1 | −1.296431577 | 8.102664591 | −16.54610394 | 1.35E-49 | 1.09E-47 | 102.0018439 | Down-regulated |
| C17orf87 | −1.503964992 | 3.772924514 | −16.54370036 | 1.39E-49 | 1.12E-47 | 101.9759769 | Down-regulated |
| CDCP1 | −1.485853482 | 5.571468288 | −16.46581907 | 3.23E-49 | 2.59E-47 | 101.1384437 | Down-regulated |
| RHBDF2 | −1.379094234 | 8.93757393 | −16.44966643 | 3.84E-49 | 3.07E-47 | 100.9648894 | Down-regulated |
| DENND1C | −1.327960017 | 6.090721401 | −16.44942416 | 3.85E-49 | 3.07E-47 | 100.9622867 | Down-regulated |
| IQGAP1 | −1.146593626 | 10.22584981 | −16.44617501 | 3.99E-49 | 3.16E-47 | 100.9273822 | Down-regulated |
| PARVG | −1.414555514 | 7.850418482 | −16.43692518 | 4.41E-49 | 3.48E-47 | 100.828026 | Down-regulated |
| BIN2 | −1.315552662 | 7.305342412 | −16.40379521 | 6.31E-49 | 4.96E-47 | 100.4723049 | Down-regulated |
| FAM26F | −1.660614432 | 4.630526265 | −16.40117904 | 6.49E-49 | 5.09E-47 | 100.4442242 | Down-regulated |
| APOBEC3F | −1.292391664 | 4.813285603 | −16.39338929 | 7.06E-49 | 5.51E-47 | 100.3606208 | Down-regulated |
| TLR5 | −1.434556105 | 6.157481518 | −16.39019054 | 7.31E-49 | 5.68E-47 | 100.3262938 | Down-regulated |
| TYMP | −1.990723377 | 6.950919066 | −16.38691681 | 7.57E-49 | 5.87E-47 | 100.2911644 | Down-regulated |
| VNN2 | −1.637592048 | 3.536357782 | −16.37884701 | 8.26E-49 | 6.38E-47 | 100.2045789 | Down-regulated |
| DOK3 | −1.182585035 | 6.809773735 | −16.356739 | 1.05E-48 | 8.06E-47 | 99.9674376 | Down-regulated |
| C1R | −1.760975024 | 9.883735409 | −16.33204397 | 1.37E-48 | 1.05E-46 | 99.70266455 | Down-regulated |
| SLC37A2 | −1.450507401 | 7.253871012 | −16.33126931 | 1.38E-48 | 1.05E-46 | 99.6943609 | Down-regulated |
| GPR183 | −1.692998831 | 6.302343969 | −16.32826339 | 1.43E-48 | 1.08E-46 | 99.66214131 | Down-regulated |
| FTL | −1.026623861 | 14.46228113 | −16.30762845 | 1.78E-48 | 1.35E-46 | 99.44101157 | Down-regulated |
| NCF1B | −1.449460277 | 4.013624319 | −16.30670967 | 1.80E-48 | 1.36E-46 | 99.43116764 | Down-regulated |
| ANXA2P2 | −1.836550179 | 7.872175097 | −16.29382867 | 2.07E-48 | 1.55E-46 | 99.29317829 | Down-regulated |
| CSTA | −2.137228349 | 2.928615175 | −16.22617609 | 4.28E-48 | 3.20E-46 | 98.56900746 | Down-regulated |
| FCGR1A | −1.684446027 | 7.741512646 | −16.2216543 | 4.50E-48 | 3.35E-46 | 98.52063922 | Down-regulated |
| SP140 | −1.196251765 | 4.777775486 | −16.2112831 | 5.03E-48 | 3.73E-46 | 98.40971773 | Down-regulated |
| IRF5 | −1.239891421 | 7.705214591 | −16.18849923 | 6.42E-48 | 4.74E-46 | 98.16612071 | Down-regulated |
| CISH | −1.421104294 | 4.716863035 | −16.16083791 | 8.65E-48 | 6.32E-46 | 97.87052368 | Down-regulated |
| SLC1A5 | −1.406436891 | 8.12044572 | −16.12044464 | 1.34E-47 | 9.69E-46 | 97.43916233 | Down-regulated |
| RASAL3 | −1.421881556 | 6.707886381 | −16.11286888 | 1.45E-47 | 1.05E-45 | 97.35829948 | Down-regulated |
| GBP1 | −1.832515498 | 8.419023735 | −16.07522333 | 2.17E-47 | 1.56E-45 | 96.95665855 | Down-regulated |
| TREM2 | −1.639026938 | 9.373477237 | −16.04497174 | 3.00E-47 | 2.14E-45 | 96.6341267 | Down-regulated |
| MS4A4A | −1.638184018 | 7.084840856 | −16.03469794 | 3.35E-47 | 2.37E-45 | 96.52463648 | Down-regulated |
| GPR160 | −1.171372393 | 5.183026459 | −16.0306541 | 3.50E-47 | 2.47E-45 | 96.48154674 | Down-regulated |
| STX11 | −1.326996439 | 5.2211393 | −16.02396264 | 3.76E-47 | 2.64E-45 | 96.4102527 | Down-regulated |
| LILRA1 | −1.640309884 | 4.283671206 | −16.02189773 | 3.84E-47 | 2.69E-45 | 96.38825406 | Down-regulated |
| APBB1IP | −1.529113708 | 8.767113424 | −16.01845325 | 3.99E-47 | 2.79E-45 | 96.3515603 | Down-regulated |
| NCF2 | −1.182678694 | 7.127438716 | −16.01610115 | 4.09E-47 | 2.85E-45 | 96.32650506 | Down-regulated |
| CD84 | −1.71937847 | 6.271261673 | −15.98173404 | 5.91E-47 | 4.10E-45 | 95.96055596 | Down-regulated |
| STAT5A | −1.173182876 | 8.206332879 | −15.98090373 | 5.97E-47 | 4.12E-45 | 95.95171775 | Down-regulated |
| HLA-B | −1.201849936 | 12.9656714 | −15.94244868 | 9.00E-47 | 6.20E-45 | 95.54255649 | Down-regulated |
| PLAUR | −1.464034408 | 6.363226848 | −15.92708054 | 1.06E-46 | 7.29E-45 | 95.37913173 | Down-regulated |
| LILRA2 | −1.542824158 | 6.232047276 | −15.88795185 | 1.61E-46 | 1.10E-44 | 94.96327679 | Down-regulated |
| HLA-DQA1 | −2.60227312 | 7.302666926 | −15.87166039 | 1.92E-46 | 1.31E-44 | 94.79023491 | Down-regulated |
| IL10 | −1.584879488 | 2.445369261 | −15.85722855 | 2.24E-46 | 1.52E-44 | 94.63699533 | Down-regulated |
| PYGL | −1.303123683 | 8.563042023 | −15.85091175 | 2.40E-46 | 1.61E-44 | 94.56993753 | Down-regulated |
| PLAU | −1.897640955 | 6.494929183 | −15.8509031 | 2.40E-46 | 1.61E-44 | 94.56984572 | Down-regulated |
| LILRB3 | −1.740822447 | 3.968152335 | −15.82735129 | 3.08E-46 | 2.06E-44 | 94.31990459 | Down-regulated |
| TLR6 | −1.436248304 | 4.48488716 | −15.82735055 | 3.08E-46 | 2.06E-44 | 94.31989675 | Down-regulated |
| CD37 | −1.513006195 | 8.247947471 | −15.82362171 | 3.21E-46 | 2.14E-44 | 94.28033647 | Down-regulated |
| RNASE3 | −1.682883376 | 2.662960311 | −15.7973447 | 4.25E-46 | 2.81E-44 | 94.00164669 | Down-regulated |
| ALPK1 | −1.200537779 | 6.704581128 | −15.78780895 | 4.70E-46 | 3.10E-44 | 93.90055121 | Down-regulated |
| S1PR3 | −1.578095948 | 9.084290856 | −15.77777167 | 5.23E-46 | 3.44E-44 | 93.79416142 | Down-regulated |
| EMB | −1.344359012 | 6.67148249 | −15.77455061 | 5.41E-46 | 3.55E-44 | 93.76002483 | Down-regulated |
| SIGLEC5 | −1.391160601 | 4.982119261 | −15.76867849 | 5.76E-46 | 3.77E-44 | 93.69779858 | Down-regulated |
| BST2 | −1.341801287 | 9.161495136 | −15.76729568 | 5.85E-46 | 3.81E-44 | 93.68314629 | Down-regulated |
| IL16 | −1.090608836 | 7.450486381 | −15.75892989 | 6.39E-46 | 4.15E-44 | 93.59451136 | Down-regulated |
| CD302 | −1.085821315 | 8.918473541 | −15.74315102 | 7.57E-46 | 4.90E-44 | 93.42737967 | Down-regulated |
| PTAFR | −1.711009835 | 6.273364981 | −15.74239698 | 7.63E-46 | 4.92E-44 | 93.4193942 | Down-regulated |
| WAS | −1.115011985 | 7.794179183 | −15.73611666 | 8.16E-46 | 5.25E-44 | 93.35288951 | Down-regulated |
| PLB1 | −1.219824949 | 6.051967315 | −15.70716839 | 1.11E-45 | 7.06E-44 | 93.04646427 | Down-regulated |
| RUNX2 | −1.216949833 | 6.065414008 | −15.67626313 | 1.54E-45 | 9.77E-44 | 92.71954043 | Down-regulated |
| PYCARD | −1.321330853 | 6.918056031 | −15.6607267 | 1.82E-45 | 1.14E-43 | 92.55527696 | Down-regulated |
| C11orf45 | −1.207301877 | 4.746357588 | −15.65584735 | 1.92E-45 | 1.20E-43 | 92.50370042 | Down-regulated |
| GIMAP2 | −1.078540038 | 6.703253502 | −15.64425802 | 2.17E-45 | 1.34E-43 | 92.3812194 | Down-regulated |
| C1orf162 | −1.443772729 | 7.11771323 | −15.63550005 | 2.38E-45 | 1.47E-43 | 92.28868258 | Down-regulated |
| LST1 | −1.255690964 | 7.282104086 | −15.60539287 | 3.28E-45 | 2.01E-43 | 91.97070908 | Down-regulated |
| CD69 | −1.983265486 | 4.35204358 | −15.60409389 | 3.32E-45 | 2.03E-43 | 91.95699491 | Down-regulated |
| CD300LF | −1.533799419 | 4.431408755 | −15.59870132 | 3.52E-45 | 2.14E-43 | 91.90006647 | Down-regulated |
| ANXA2 | −1.581145555 | 9.591322374 | −15.5975117 | 3.56E-45 | 2.16E-43 | 91.88750875 | Down-regulated |
| BCL2A1 | −1.978086828 | 4.355241051 | −15.58854685 | 3.92E-45 | 2.37E-43 | 91.79288635 | Down-regulated |
| KCNK13 | −1.343526811 | 5.340368677 | −15.52411696 | 7.77E-45 | 4.69E-43 | 91.11340928 | Down-regulated |
| MX2 | −1.683562121 | 5.932692802 | −15.51626195 | 8.44E-45 | 5.08E-43 | 91.03063916 | Down-regulated |
| C7orf58 | −1.466938496 | 5.960657198 | −15.48674253 | 1.15E-44 | 6.91E-43 | 90.71972043 | Down-regulated |
| LY75 | −1.207888296 | 6.394603891 | −15.468972 | 1.39E-44 | 8.32E-43 | 90.53265197 | Down-regulated |
| CSF1R | −1.4507578 | 11.44659514 | −15.46662353 | 1.43E-44 | 8.50E-43 | 90.50793569 | Down-regulated |
| PARP9 | −1.022547805 | 9.388846498 | −15.45417343 | 1.63E-44 | 9.64E-43 | 90.37692822 | Down-regulated |
| SWAP70 | −1.034257283 | 8.946501362 | −15.4421208 | 1.85E-44 | 1.09E-42 | 90.25013952 | Down-regulated |
| CSF3R | −1.355120746 | 8.047220623 | −15.43357863 | 2.03E-44 | 1.19E-42 | 90.16030112 | Down-regulated |
| FCGR1C | −1.594505802 | 6.321206615 | −15.42014171 | 2.34E-44 | 1.37E-42 | 90.01902106 | Down-regulated |
| CLEC2B | −1.26687427 | 5.591271012 | −15.38365924 | 3.44E-44 | 2.01E-42 | 89.635659 | Down-regulated |
| CCL5 | −1.870480166 | 4.923387743 | −15.37886119 | 3.62E-44 | 2.11E-42 | 89.58526517 | Down-regulated |
| C1RL | −1.417681014 | 7.32794786 | −15.35781789 | 4.52E-44 | 2.63E-42 | 89.3643161 | Down-regulated |
| HAMP | −2.3678417 | 4.577748249 | −15.33445465 | 5.78E-44 | 3.35E-42 | 89.11913859 | Down-regulated |
| TGFB1 | −1.049407201 | 9.586516342 | −15.2865372 | 9.59E-44 | 5.53E-42 | 88.61671705 | Down-regulated |
| LPCAT2 | −1.459405744 | 8.362701167 | −15.28559544 | 9.68E-44 | 5.57E-42 | 88.60684843 | Down-regulated |
| RNASET2 | −1.119540137 | 10.01072043 | −15.26091081 | 1.26E-43 | 7.20E-42 | 88.34826021 | Down-regulated |
| ANG | −1.404008818 | 4.852448444 | −15.25547273 | 1.33E-43 | 7.61E-42 | 88.29131358 | Down-regulated |
| SIGLEC7 | −1.619749104 | 4.53169144 | −15.235504 | 1.64E-43 | 9.34E-42 | 88.08226948 | Down-regulated |
| CD44 | −1.727053413 | 11.6111465 | −15.22125835 | 1.91E-43 | 1.08E-41 | 87.93320057 | Down-regulated |
| ADAM28 | −1.480663378 | 7.344536576 | −15.21984834 | 1.94E-43 | 1.09E-41 | 87.91844887 | Down-regulated |
| CCR2 | −1.810650557 | 2.17827607 | −15.21800394 | 1.97E-43 | 1.11E-41 | 87.89915321 | Down-regulated |
| CAPG | −1.545856928 | 9.198092218 | −15.18693031 | 2.74E-43 | 1.53E-41 | 87.57420144 | Down-regulated |
| SERTAD3 | −1.011956123 | 7.365807004 | −15.18547484 | 2.78E-43 | 1.55E-41 | 87.55898702 | Down-regulated |
| MR1 | −1.120421936 | 6.104811089 | −15.1829041 | 2.86E-43 | 1.59E-41 | 87.53211578 | Down-regulated |
| NLRC4 | −1.111851366 | 5.169462646 | −15.18039762 | 2.93E-43 | 1.63E-41 | 87.50591791 | Down-regulated |
| SLA | −1.343518229 | 8.677521401 | −15.16121881 | 3.59E-43 | 1.99E-41 | 87.30551356 | Down-regulated |
| P2RY6 | −1.397645455 | 4.38367821 | −15.15555 | 3.81E-43 | 2.10E-41 | 87.24629697 | Down-regulated |
| FCGR1B | −1.506413539 | 7.886991051 | −15.13484564 | 4.73E-43 | 2.61E-41 | 87.03009021 | Down-regulated |
| TNFAIP3 | −1.03262771 | 7.455698249 | −15.11827235 | 5.63E-43 | 3.08E-41 | 86.85710341 | Down-regulated |
| SLC2A9 | −1.245053149 | 4.420142607 | −15.10656741 | 6.37E-43 | 3.46E-41 | 86.73497441 | Down-regulated |
| FSTL1 | −1.21983571 | 10.27578444 | −15.09977478 | 6.84E-43 | 3.71E-41 | 86.66411693 | Down-regulated |
| APOL1 | −1.287829336 | 7.507835798 | −15.09385602 | 7.28E-43 | 3.92E-41 | 86.60238508 | Down-regulated |
| B3GNT5 | −1.424141782 | 7.247851751 | −15.07892645 | 8.52E-43 | 4.58E-41 | 86.44671304 | Down-regulated |
| RGS18 | −1.315520503 | 5.440974708 | −15.04892764 | 1.17E-42 | 6.24E-41 | 86.13409124 | Down-regulated |
| ASGR2 | −1.347919655 | 2.511846693 | −15.04704736 | 1.19E-42 | 6.35E-41 | 86.11450455 | Down-regulated |
| CARD9 | −1.313902753 | 6.092502529 | −15.02896971 | 1.44E-42 | 7.63E-41 | 85.92623968 | Down-regulated |
| GNA15 | −1.181671996 | 6.466647471 | −15.00338784 | 1.88E-42 | 9.92E-41 | 85.65997351 | Down-regulated |
| HPGDS | −1.471838402 | 6.303578794 | −15.00215956 | 1.90E-42 | 1.00E-40 | 85.64719346 | Down-regulated |
| NLRP3 | −1.305103228 | 7.056974319 | −14.97452931 | 2.54E-42 | 1.34E-40 | 85.35981378 | Down-regulated |
| EPSTI1 | −1.466991297 | 5.600322374 | −14.97038226 | 2.66E-42 | 1.39E-40 | 85.31669852 | Down-regulated |
| ANXA1 | −2.174334357 | 9.06611537 | −14.95810551 | 3.02E-42 | 1.57E-40 | 85.18908903 | Down-regulated |
| C1orf54 | −1.04748605 | 7.026030545 | −14.95269453 | 3.20E-42 | 1.66E-40 | 85.13285811 | Down-regulated |
| TMEM154 | −1.299421303 | 4.522440661 | −14.93876065 | 3.70E-42 | 1.91E-40 | 84.98809381 | Down-regulated |
| SLC11A1 | −1.92257321 | 7.680032879 | −14.89972359 | 5.56E-42 | 2.87E-40 | 84.5828048 | Down-regulated |
| CD2 | −1.938547229 | 2.860152529 | −14.88435022 | 6.53E-42 | 3.36E-40 | 84.42331049 | Down-regulated |
| VSIG4 | −1.607780496 | 9.661884241 | −14.8822569 | 6.67E-42 | 3.43E-40 | 84.40159789 | Down-regulated |
| SRGN | −1.071680196 | 9.810829767 | −14.86308148 | 8.15E-42 | 4.16E-40 | 84.20276048 | Down-regulated |
| LRG1 | −1.189555572 | 2.927873346 | −14.8625082 | 8.20E-42 | 4.18E-40 | 84.19681752 | Down-regulated |
| RNASE4 | −1.394990207 | 6.732872374 | −14.85380258 | 8.98E-42 | 4.56E-40 | 84.10658036 | Down-regulated |
| LOC100233209 | −1.646707358 | 3.998808171 | −14.83247704 | 1.12E-41 | 5.65E-40 | 83.88562152 | Down-regulated |
| HCP5 | −1.264617793 | 6.78302393 | −14.80384139 | 1.51E-41 | 7.59E-40 | 83.58911942 | Down-regulated |
| KLHDC7B | −1.48458247 | 2.827490856 | −14.80338543 | 1.52E-41 | 7.61E-40 | 83.5844001 | Down-regulated |
| BLNK | −1.626529306 | 6.369848638 | −14.76692406 | 2.22E-41 | 1.11E-39 | 83.207204 | Down-regulated |
| PDPN | −2.407198316 | 7.740549611 | −14.75950158 | 2.40E-41 | 1.20E-39 | 83.13046342 | Down-regulated |
| LGALS9C | −1.266360816 | 3.451848833 | −14.75728944 | 2.46E-41 | 1.22E-39 | 83.10759524 | Down-regulated |
| CCL2 | −2.094400266 | 7.595040467 | −14.74231165 | 2.87E-41 | 1.42E-39 | 82.95279734 | Down-regulated |
| SH3TC1 | −1.273927528 | 8.217141051 | −14.70450651 | 4.25E-41 | 2.09E-39 | 82.56235686 | Down-regulated |
| RGS10 | −1.242693556 | 8.72184572 | −14.68483033 | 5.22E-41 | 2.56E-39 | 82.35930743 | Down-regulated |
| TLR3 | −1.24655999 | 6.353966537 | −14.67795662 | 5.60E-41 | 2.74E-39 | 82.28839978 | Down-regulated |
| APOL4 | −2.243755911 | 6.460930739 | −14.67118771 | 6.01E-41 | 2.93E-39 | 82.21858642 | Down-regulated |
| TNFSF12-TNFSF13 | −2.823279152 | 4.16557179 | −14.65158535 | 7.37E-41 | 3.58E-39 | 82.016485 | Down-regulated |
| IL15RA | −1.030684009 | 5.091260117 | −14.64731424 | 7.70E-41 | 3.73E-39 | 81.97246423 | Down-regulated |
| MRC2 | −1.327058539 | 10.02190953 | −14.64649025 | 7.77E-41 | 3.75E-39 | 81.96397226 | Down-regulated |
| CEBPA | −1.292365322 | 8.730820428 | −14.63518834 | 8.73E-41 | 4.21E-39 | 81.84751555 | Down-regulated |
| EMR2 | −1.455490144 | 5.783248249 | −14.63501996 | 8.75E-41 | 4.21E-39 | 81.84578081 | Down-regulated |
| LRRC33 | −1.221550575 | 7.037527626 | −14.62980592 | 9.23E-41 | 4.42E-39 | 81.79206715 | Down-regulated |
| NCF1C | −1.590602265 | 3.809103502 | −14.62846993 | 9.36E-41 | 4.47E-39 | 81.77830537 | Down-regulated |
| CP | −2.596052625 | 7.660038327 | −14.6268759 | 9.52E-41 | 4.53E-39 | 81.76188629 | Down-regulated |
| HFE | −1.262891182 | 4.797440078 | −14.62127683 | 1.01E-40 | 4.79E-39 | 81.7042196 | Down-regulated |
| TMC8 | −1.185653564 | 7.179823735 | −14.58078149 | 1.53E-40 | 7.28E-39 | 81.28741397 | Down-regulated |
| GNG5 | −1.06610046 | 9.450514981 | −14.55357202 | 2.03E-40 | 9.62E-39 | 81.00762302 | Down-regulated |
| CD3E | −1.933646191 | 3.236176459 | −14.54341225 | 2.26E-40 | 1.07E-38 | 80.90320684 | Down-regulated |
| TNFRSF10C | −1.22602689 | 4.357179961 | −14.54044418 | 2.33E-40 | 1.09E-38 | 80.87270846 | Down-regulated |
| CD300LB | −1.308870997 | 2.090123346 | −14.54010002 | 2.34E-40 | 1.10E-38 | 80.86917224 | Down-regulated |
| HHEX | −1.048583118 | 6.136409339 | −14.53891225 | 2.37E-40 | 1.11E-38 | 80.85696817 | Down-regulated |
| PLEKHA4 | −1.742868217 | 8.577124903 | −14.53859848 | 2.38E-40 | 1.11E-38 | 80.85374435 | Down-regulated |
| FCGR2B | −2.068154036 | 3.663379961 | −14.51567476 | 3.01E-40 | 1.40E-38 | 80.61829127 | Down-regulated |
| C4A | −1.675339144 | 12.82352938 | −14.49185953 | 3.85E-40 | 1.78E-38 | 80.37384486 | Down-regulated |
| EBI3 | −1.218835135 | 6.42160642 | −14.49067665 | 3.90E-40 | 1.80E-38 | 80.3617078 | Down-regulated |
| ADORA3 | −1.355940283 | 9.171311673 | −14.48989782 | 3.93E-40 | 1.81E-38 | 80.35371677 | Down-regulated |
| CD163 | −2.568349288 | 7.76526323 | −14.47986135 | 4.36E-40 | 2.01E-38 | 80.25075544 | Down-regulated |
| IRF8 | −1.29081409 | 8.100400778 | −14.45835016 | 5.44E-40 | 2.50E-38 | 80.03017863 | Down-regulated |
| C12orf59 | −1.464113051 | 5.100171401 | −14.43782855 | 6.73E-40 | 3.08E-38 | 79.81987694 | Down-regulated |
| GPR84 | −1.587797414 | 3.785671401 | −14.43115649 | 7.21E-40 | 3.29E-38 | 79.75152999 | Down-regulated |
| SRPX2 | −2.166873244 | 4.901453891 | −14.39726394 | 1.02E-39 | 4.64E-38 | 79.40454798 | Down-regulated |
| C21orf7 | −1.710986637 | 5.348045914 | −14.39532724 | 1.04E-39 | 4.72E-38 | 79.38473107 | Down-regulated |
| MYO1G | −1.641824703 | 4.241769844 | −14.39298926 | 1.07E-39 | 4.83E-38 | 79.36080956 | Down-regulated |
| C1orf38 | −1.216654739 | 8.195333074 | −14.39010522 | 1.10E-39 | 4.95E-38 | 79.33130323 | Down-regulated |
| PIK3R6 | −1.250549852 | 4.677777043 | −14.38629475 | 1.14E-39 | 5.13E-38 | 79.29232238 | Down-regulated |
| GALM | −1.016536361 | 7.099755253 | −14.36317795 | 1.45E-39 | 6.49E-38 | 79.05593331 | Down-regulated |
| GPR34 | −1.36258314 | 9.07206751 | −14.34773912 | 1.70E-39 | 7.59E-38 | 78.89814791 | Down-regulated |
| FPR3 | −2.036706956 | 5.582718677 | −14.3352964 | 1.93E-39 | 8.59E-38 | 78.77103529 | Down-regulated |
| SERPINA3 | −2.612683233 | 11.02658755 | −14.33058756 | 2.03E-39 | 9.00E-38 | 78.72294292 | Down-regulated |
| NUDT16P1 | −1.139587994 | 3.534309922 | −14.30300061 | 2.70E-39 | 1.19E-37 | 78.44132667 | Down-regulated |
| VNN1 | −1.499483551 | 3.265030934 | −14.28982427 | 3.09E-39 | 1.35E-37 | 78.3069004 | Down-regulated |
| CYP2S1 | −1.10836062 | 4.465766732 | −14.28253597 | 3.33E-39 | 1.45E-37 | 78.23256723 | Down-regulated |
| SERPING1 | −1.567653292 | 9.690451946 | −14.261999 | 4.11E-39 | 1.78E-37 | 78.02319878 | Down-regulated |
| ATP8B4 | −1.231162897 | 6.680913035 | −14.2543061 | 4.44E-39 | 1.92E-37 | 77.94480526 | Down-regulated |
| LPAR5 | −1.390773946 | 7.996203696 | −14.2512015 | 4.59E-39 | 1.98E-37 | 77.91317335 | Down-regulated |
| TNFRSF12A | −1.909191452 | 6.96461284 | −14.24873434 | 4.71E-39 | 2.02E-37 | 77.88803822 | Down-regulated |
| CD48 | −1.963793983 | 4.110393774 | −14.24507992 | 4.89E-39 | 2.09E-37 | 77.85081104 | Down-regulated |
| RAB38 | −1.200487921 | 2.708637743 | −14.23681103 | 5.32E-39 | 2.27E-37 | 77.76659174 | Down-regulated |
| VAMP5 | −1.004105569 | 8.583187938 | −14.20658864 | 7.25E-39 | 3.09E-37 | 77.45895405 | Down-regulated |
| NMI | −1.05910691 | 6.937922568 | −14.20332158 | 7.50E-39 | 3.19E-37 | 77.42571511 | Down-regulated |
| GYPC | −1.195206417 | 8.234000778 | −14.19821314 | 7.90E-39 | 3.35E-37 | 77.37374875 | Down-regulated |
| ANKRD22 | −2.242282458 | 5.796116537 | −14.19562581 | 8.11E-39 | 3.43E-37 | 77.34743191 | Down-regulated |
| TREM1 | −1.981896796 | 2.56726751 | −14.18272315 | 9.26E-39 | 3.91E-37 | 77.21622421 | Down-regulated |
| ITGB3 | −1.583634184 | 4.678488327 | −14.17464951 | 1.01E-38 | 4.24E-37 | 77.13414938 | Down-regulated |
| CSF2RA | −1.366509442 | 7.953945331 | −14.15920098 | 1.18E-38 | 4.95E-37 | 76.97715976 | Down-regulated |
| ACPP | −1.629660832 | 2.621103696 | −14.15334862 | 1.25E-38 | 5.25E-37 | 76.91770693 | Down-regulated |
| ZDHHC12 | −1.046534572 | 7.00114358 | −14.15055508 | 1.29E-38 | 5.39E-37 | 76.88933176 | Down-regulated |
| FAM70B | −1.216139526 | 4.296686965 | −14.14838062 | 1.32E-38 | 5.50E-37 | 76.86724657 | Down-regulated |
| SLAMF6 | −1.450244828 | 2.433861089 | −14.14521492 | 1.36E-38 | 5.67E-37 | 76.83509631 | Down-regulated |
| ELK3 | −1.103277371 | 7.29375428 | −14.13198793 | 1.56E-38 | 6.46E-37 | 76.70079944 | Down-regulated |
| CFI | −1.709951599 | 7.602146304 | −14.12611775 | 1.65E-38 | 6.85E-37 | 76.64121578 | Down-regulated |
| SIGLEC10 | −1.258335937 | 8.531580156 | −14.11784149 | 1.80E-38 | 7.44E-37 | 76.55722813 | Down-regulated |
| APOB48R | −1.159350936 | 6.872610311 | −14.11450967 | 1.86E-38 | 7.68E-37 | 76.52342281 | Down-regulated |
| CLEC5A | −2.432420894 | 3.651697471 | −14.11149968 | 1.92E-38 | 7.91E-37 | 76.49288594 | Down-regulated |
| BCL2L12 | −1.179540477 | 5.41144358 | −14.10584141 | 2.03E-38 | 8.35E-37 | 76.43548946 | Down-regulated |
| CYSLTR1 | −1.110302659 | 3.841568482 | −14.09918486 | 2.17E-38 | 8.91E-37 | 76.36797955 | Down-regulated |
| KLHL6 | −1.326845264 | 6.635964981 | −14.09701165 | 2.22E-38 | 9.08E-37 | 76.34594216 | Down-regulated |
| CD58 | −1.238981456 | 6.080593385 | −14.08691778 | 2.46E-38 | 1.00E-36 | 76.24360501 | Down-regulated |
| S100A10 | −1.542369301 | 9.793245525 | −14.08367318 | 2.55E-38 | 1.04E-36 | 76.2107163 | Down-regulated |
| COLEC12 | −1.313783672 | 8.187554086 | −14.06880685 | 2.97E-38 | 1.20E-36 | 76.06006737 | Down-regulated |
| MICB | −1.174698129 | 4.878975875 | −14.00317566 | 5.79E-38 | 2.32E-36 | 75.3958309 | Down-regulated |
| APOBEC3D | −1.147609645 | 3.186443385 | −13.99431596 | 6.34E-38 | 2.53E-36 | 75.30626977 | Down-regulated |
| OAS2 | −1.361289602 | 7.83608463 | −13.94487269 | 1.05E-37 | 4.12E-36 | 74.80692125 | Down-regulated |
| CD93 | −1.483405099 | 8.363430739 | −13.94147273 | 1.08E-37 | 4.26E-36 | 74.77261259 | Down-regulated |
| RUNX3 | −1.325932667 | 5.514781907 | −13.9384297 | 1.12E-37 | 4.38E-36 | 74.74190898 | Down-regulated |
| CCDC109B | −1.453229342 | 6.053306809 | −13.93312695 | 1.18E-37 | 4.61E-36 | 74.68841228 | Down-regulated |
| VENTX | −1.604870921 | 3.765058949 | −13.92245294 | 1.32E-37 | 5.11E-36 | 74.58075548 | Down-regulated |
| C10orf125 | −1.173634866 | 5.344803113 | −13.90381406 | 1.59E-37 | 6.15E-36 | 74.39285499 | Down-regulated |
| SLFN12 | −1.084057655 | 4.736650389 | −13.90202093 | 1.62E-37 | 6.25E-36 | 74.37478415 | Down-regulated |
| KCNJ5 | −1.359578937 | 5.706101751 | −13.89563816 | 1.73E-37 | 6.63E-36 | 74.31046863 | Down-regulated |
| KIAA0040 | −1.435012969 | 7.564525292 | −13.89252824 | 1.78E-37 | 6.82E-36 | 74.27913651 | Down-regulated |
| PRAM1 | −1.459645948 | 6.355935409 | −13.89183099 | 1.80E-37 | 6.85E-36 | 74.27211227 | Down-regulated |
| TMEM176B | −1.431020531 | 9.072945914 | −13.8879093 | 1.87E-37 | 7.10E-36 | 74.2326071 | Down-regulated |
| DPYD | −1.321150148 | 7.044776265 | −13.88559329 | 1.91E-37 | 7.26E-36 | 74.20927908 | Down-regulated |
| OLFML2B | −1.495411622 | 7.734365953 | −13.88437271 | 1.94E-37 | 7.33E-36 | 74.19698551 | Down-regulated |
| SAMD9L | −1.282769271 | 8.380944358 | −13.87623256 | 2.10E-37 | 7.95E-36 | 74.11501116 | Down-regulated |
| HLA-DQB1 | −2.142629442 | 8.022985214 | −13.83972389 | 3.04E-37 | 1.14E-35 | 73.74762292 | Down-regulated |
| SLAMF8 | −1.58915853 | 5.685670623 | −13.81001367 | 4.11E-37 | 1.54E-35 | 73.44897237 | Down-regulated |
| CEACAM21 | −1.257920391 | 4.246777043 | −13.80599814 | 4.28E-37 | 1.60E-35 | 73.40863024 | Down-regulated |
| FAM177B | −1.382575848 | 2.188593385 | −13.80419888 | 4.36E-37 | 1.62E-35 | 73.39055564 | Down-regulated |
| GVIN1 | −1.094749582 | 4.35610856 | −13.79356136 | 4.86E-37 | 1.80E-35 | 73.28371772 | Down-regulated |
| SLC2A5 | −1.428973101 | 9.285236576 | −13.7842298 | 5.34E-37 | 1.97E-35 | 73.19002724 | Down-regulated |
| PLCB2 | −1.187124861 | 8.718214981 | −13.78077471 | 5.53E-37 | 2.03E-35 | 73.15534486 | Down-regulated |
| GZMA | −1.797946587 | 2.365611479 | −13.76489902 | 6.49E-37 | 2.38E-35 | 72.99603506 | Down-regulated |
| IL2RB | −1.682201647 | 3.579311089 | −13.76138148 | 6.73E-37 | 2.45E-35 | 72.96074852 | Down-regulated |
| SUSD3 | −1.440857413 | 6.157875681 | −13.74668984 | 7.80E-37 | 2.84E-35 | 72.8134128 | Down-regulated |
| TMCO4 | −1.078983957 | 7.0542607 | −13.70554506 | 1.18E-36 | 4.27E-35 | 72.40117612 | Down-regulated |
| MMP14 | −1.335527123 | 9.839763035 | −13.6746894 | 1.61E-36 | 5.81E-35 | 72.09240256 | Down-regulated |
| GZMK | −1.748434393 | 1.951782101 | −13.67176927 | 1.66E-36 | 5.97E-35 | 72.06319745 | Down-regulated |
| LYL1 | −1.115060068 | 6.786700584 | −13.65911388 | 1.89E-36 | 6.77E-35 | 71.93666039 | Down-regulated |
| FLNA | −1.005571648 | 12.47824961 | −13.65372621 | 1.99E-36 | 7.11E-35 | 71.8828074 | Down-regulated |
| CXCR3 | −1.386412103 | 1.454142023 | −13.64613994 | 2.15E-36 | 7.66E-35 | 71.80699479 | Down-regulated |
| CST7 | −1.479540752 | 2.719941829 | −13.63930866 | 2.30E-36 | 8.20E-35 | 71.73874396 | Down-regulated |
| CPVL | −1.304762733 | 8.421777237 | −13.63246587 | 2.47E-36 | 8.73E-35 | 71.67039397 | Down-regulated |
| CYTL1 | −1.407655911 | 5.995754086 | −13.6173874 | 2.87E-36 | 1.01E-34 | 71.51983756 | Down-regulated |
| OLR1 | −1.757530535 | 8.484745525 | −13.60658408 | 3.20E-36 | 1.12E-34 | 71.41201579 | Down-regulated |
| FAM20A | −1.615024058 | 4.788350584 | −13.6005259 | 3.40E-36 | 1.19E-34 | 71.35156996 | Down-regulated |
| GNG12 | −1.515688563 | 9.440518482 | −13.59325894 | 3.66E-36 | 1.28E-34 | 71.27908018 | Down-regulated |
| C6orf150 | −1.070678401 | 3.89390856 | −13.58757753 | 3.88E-36 | 1.35E-34 | 71.2224194 | Down-regulated |
| COL15A1 | −1.684608348 | 4.640854669 | −13.56857778 | 4.69E-36 | 1.63E-34 | 71.03301495 | Down-regulated |
| GPR82 | −1.910542796 | 2.755567704 | −13.55502351 | 5.37E-36 | 1.86E-34 | 70.89797152 | Down-regulated |
| TMEM71 | −1.626909133 | 3.797091634 | −13.55223828 | 5.53E-36 | 1.91E-34 | 70.8702297 | Down-regulated |
| CXCR6 | −1.565164132 | 2.020354086 | −13.54506948 | 5.94E-36 | 2.05E-34 | 70.79883833 | Down-regulated |
| CD226 | −1.201119668 | 3.316459533 | −13.53856132 | 6.34E-36 | 2.18E-34 | 70.73404149 | Down-regulated |
| SPOCD1 | −2.5803703 | 6.601336576 | −13.53039643 | 6.88E-36 | 2.37E-34 | 70.65277048 | Down-regulated |
| ASCL2 | −1.133756268 | 2.962425292 | −13.53010561 | 6.90E-36 | 2.37E-34 | 70.64987617 | Down-regulated |
| S100A3 | −2.138368586 | 3.745696887 | −13.52844674 | 7.01E-36 | 2.40E-34 | 70.63336727 | Down-regulated |
| C1S | −1.421689072 | 9.786670233 | −13.51155932 | 8.31E-36 | 2.84E-34 | 70.46535976 | Down-regulated |
| F13A1 | −1.963062945 | 6.696680739 | −13.50652427 | 8.74E-36 | 2.98E-34 | 70.4152868 | Down-regulated |
| CARD11 | −1.140092581 | 7.005071401 | −13.50614726 | 8.77E-36 | 2.99E-34 | 70.41153787 | Down-regulated |
| RARRES3 | −1.170276453 | 9.015402529 | −13.50417858 | 8.95E-36 | 3.04E-34 | 70.39196233 | Down-regulated |
| GPR141 | −1.070558333 | 1.079186965 | −13.45895962 | 1.41E-35 | 4.73E-34 | 69.94269979 | Down-regulated |
| LYZ | −1.920734878 | 6.773855058 | −13.4488776 | 1.56E-35 | 5.23E-34 | 69.84262986 | Down-regulated |
| STAC3 | −1.020891037 | 5.764887938 | −13.43948235 | 1.71E-35 | 5.72E-34 | 69.74940879 | Down-regulated |
| ZBTB42 | −1.119015643 | 6.065516926 | −13.4175502 | 2.13E-35 | 7.08E-34 | 69.53191577 | Down-regulated |
| IL1RN | −1.767069655 | 3.35268716 | −13.41459774 | 2.19E-35 | 7.28E-34 | 69.50265038 | Down-regulated |
| RASSF5 | −1.038589532 | 7.326715759 | −13.40088219 | 2.51E-35 | 8.32E-34 | 69.36673898 | Down-regulated |
| ARHGAP18 | −1.046981538 | 7.395259339 | −13.38483084 | 2.95E-35 | 9.75E-34 | 69.20776629 | Down-regulated |
| EMP1 | −1.593653128 | 10.39682354 | −13.35875009 | 3.83E-35 | 1.26E-33 | 68.94965764 | Down-regulated |
| SIT1 | −1.263493814 | 1.425703113 | −13.3492505 | 4.21E-35 | 1.38E-33 | 68.85570504 | Down-regulated |
| SPTLC3 | −1.216988133 | 6.014292607 | −13.33623941 | 4.79E-35 | 1.57E-33 | 68.72707537 | Down-regulated |
| S100A6 | −1.195103307 | 11.38240019 | −13.33131668 | 5.03E-35 | 1.64E-33 | 68.67842428 | Down-regulated |
| GEM | −1.492067348 | 8.108198638 | −13.30729219 | 6.39E-35 | 2.08E-33 | 68.4411163 | Down-regulated |
| CLEC12A | −1.615620282 | 1.803486965 | −13.30329999 | 6.64E-35 | 2.16E-33 | 68.40170247 | Down-regulated |
| TCF7 | −1.104735704 | 6.308111284 | −13.2628388 | 9.93E-35 | 3.21E-33 | 68.00256485 | Down-regulated |
| GSDMD | −1.042245376 | 7.867896887 | −13.25001967 | 1.13E-34 | 3.63E-33 | 67.87623148 | Down-regulated |
| CLDN23 | −1.029024037 | 3.32181323 | −13.24382993 | 1.20E-34 | 3.85E-33 | 67.81525257 | Down-regulated |
| IL6R | −1.081752295 | 7.12183463 | −13.23438878 | 1.32E-34 | 4.23E-33 | 67.7222688 | Down-regulated |
| LSP1 | −1.662334496 | 6.577551362 | −13.22923826 | 1.39E-34 | 4.43E-33 | 67.67155616 | Down-regulated |
| CTSW | −1.517074104 | 2.782479183 | −13.22338902 | 1.47E-34 | 4.68E-33 | 67.61397552 | Down-regulated |
| TNFRSF11A | −1.306057289 | 4.404429377 | −13.21613566 | 1.58E-34 | 5.02E-33 | 67.54258988 | Down-regulated |
| TCIRG1 | −1.012856813 | 7.898220039 | −13.21594993 | 1.58E-34 | 5.02E-33 | 67.5407622 | Down-regulated |
| CD96 | −1.452737209 | 2.206894942 | −13.19042806 | 2.04E-34 | 6.42E-33 | 67.28973734 | Down-regulated |
| C13orf18 | −1.356508924 | 6.573092412 | −13.19035435 | 2.04E-34 | 6.42E-33 | 67.28901271 | Down-regulated |
| P2RY8 | −1.579562984 | 4.274829572 | −13.18698198 | 2.11E-34 | 6.62E-33 | 67.25586113 | Down-regulated |
| NAPSB | −2.370099276 | 6.772104086 | −13.17182814 | 2.45E-34 | 7.68E-33 | 67.10694484 | Down-regulated |
| MYO7A | −1.054335671 | 7.47416751 | −13.16558151 | 2.61E-34 | 8.15E-33 | 67.04558401 | Down-regulated |
| ITGB7 | −1.259473004 | 4.453069261 | −13.16454844 | 2.63E-34 | 8.23E-33 | 67.0354375 | Down-regulated |
| HGF | −1.60374025 | 4.651098054 | −13.16015756 | 2.75E-34 | 8.58E-33 | 66.99231602 | Down-regulated |
| NLRC5 | −1.024631308 | 8.220420428 | −13.15955559 | 2.77E-34 | 8.62E-33 | 66.98640477 | Down-regulated |
| MAN1C1 | −1.305847741 | 9.030705837 | −13.15105459 | 3.01E-34 | 9.34E-33 | 66.90294105 | Down-regulated |
| MAP4K1 | −1.129302383 | 5.555190856 | −13.14389792 | 3.23E-34 | 9.97E-33 | 66.83269678 | Down-regulated |
| TRIM22 | −1.072154842 | 9.354488716 | −13.13441917 | 3.55E-34 | 1.09E-32 | 66.73968989 | Down-regulated |
| CLECL1 | −1.417532455 | 2.310237354 | −13.1241983 | 3.92E-34 | 1.21E-32 | 66.6394384 | Down-regulated |
| C1orf88 | −1.454684838 | 7.403428405 | −13.11083411 | 4.48E-34 | 1.37E-32 | 66.50841403 | Down-regulated |
| KCNMB1 | −1.286107089 | 6.113891245 | −13.10782573 | 4.61E-34 | 1.41E-32 | 66.47892862 | Down-regulated |
| GLIS3 | −1.353001829 | 8.874097276 | −13.08384368 | 5.84E-34 | 1.78E-32 | 66.24399824 | Down-regulated |
| HERC5 | −1.372174555 | 7.3830893 | −13.06243002 | 7.22E-34 | 2.19E-32 | 66.03440906 | Down-regulated |
| NFATC1 | −1.1835 | 7.488302529 | −13.05848681 | 7.50E-34 | 2.27E-32 | 65.99583301 | Down-regulated |
| STAB1 | −1.182765013 | 10.10104689 | −13.02631645 | 1.03E-33 | 3.11E-32 | 65.68133098 | Down-regulated |
| HK3 | −1.382778431 | 4.264061868 | −13.01716149 | 1.13E-33 | 3.39E-32 | 65.59190174 | Down-regulated |
| DSC2 | −1.067696566 | 5.766718482 | −12.98881387 | 1.49E-33 | 4.46E-32 | 65.31519154 | Down-regulated |
| AIM1 | −1.463003849 | 5.023451751 | −12.98077556 | 1.61E-33 | 4.81E-32 | 65.23678221 | Down-regulated |
| IRF1 | −1.049169692 | 7.917335798 | −12.97502163 | 1.71E-33 | 5.08E-32 | 65.18067074 | Down-regulated |
| SPP1 | −1.710369183 | 12.77658755 | −12.94890245 | 2.21E-33 | 6.52E-32 | 64.92611842 | Down-regulated |
| OSMR | −1.399215988 | 7.358567704 | −12.94239023 | 2.35E-33 | 6.94E-32 | 64.86269195 | Down-regulated |
| HLA-DQA2 | −2.359729836 | 4.946657004 | −12.88309206 | 4.20E-33 | 1.23E-31 | 64.28589598 | Down-regulated |
| PSD4 | −1.004462942 | 7.391266148 | −12.879878 | 4.34E-33 | 1.27E-31 | 64.25467113 | Down-regulated |
| SERPINA5 | −2.330912376 | 3.389094553 | −12.85872912 | 5.34E-33 | 1.55E-31 | 64.04930734 | Down-regulated |
| SFRP4 | −1.748609663 | 7.049610311 | −12.84990592 | 5.82E-33 | 1.69E-31 | 63.96368162 | Down-regulated |
| TMEM150B | −1.106619516 | 1.455695136 | −12.84926418 | 5.85E-33 | 1.70E-31 | 63.95745493 | Down-regulated |
| CASP5 | −1.100021327 | 1.273049611 | −12.81287442 | 8.35E-33 | 2.40E-31 | 63.60463338 | Down-regulated |
| SPNS3 | −1.377362055 | 4.329855642 | −12.8123393 | 8.40E-33 | 2.41E-31 | 63.59944889 | Down-regulated |
| CD3D | −1.573289359 | 1.66952821 | −12.80545846 | 8.98E-33 | 2.58E-31 | 63.53279394 | Down-regulated |
| GBP3 | −1.685928537 | 7.908463035 | −12.79947491 | 9.52E-33 | 2.72E-31 | 63.47484601 | Down-regulated |
| PTPN22 | −1.391743944 | 2.252760895 | −12.79246849 | 1.02E-32 | 2.91E-31 | 63.40700982 | Down-regulated |
| SYTL3 | −1.031106898 | 5.84701965 | −12.78298261 | 1.12E-32 | 3.18E-31 | 63.31519793 | Down-regulated |
| MPEG1 | −1.153697232 | 7.985550195 | −12.75229298 | 1.51E-32 | 4.25E-31 | 63.01839985 | Down-regulated |
| SOD2 | −1.174560553 | 11.75455409 | −12.73664323 | 1.76E-32 | 4.93E-31 | 62.86719377 | Down-regulated |
| PTRF | −1.096866509 | 10.09763755 | −12.7161568 | 2.14E-32 | 6.00E-31 | 62.6694016 | Down-regulated |
| IL15 | −1.301035238 | 2.929803113 | −12.71195918 | 2.23E-32 | 6.22E-31 | 62.62889481 | Down-regulated |
| COL14A1 | −1.774434872 | 6.506671206 | −12.69420301 | 2.65E-32 | 7.38E-31 | 62.45762582 | Down-regulated |
| TNNI2 | −1.176912988 | 1.810820817 | −12.68230071 | 2.98E-32 | 8.27E-31 | 62.34289063 | Down-regulated |
| PLCE1 | −1.05678895 | 8.492225875 | −12.66696885 | 3.46E-32 | 9.56E-31 | 62.19517807 | Down-regulated |
| SH2D2A | −1.194062921 | 2.190337743 | −12.66124925 | 3.66E-32 | 1.01E-30 | 62.14009724 | Down-regulated |
| SLC16A4 | −1.062210783 | 7.535430934 | −12.64495584 | 4.28E-32 | 1.18E-30 | 61.98325996 | Down-regulated |
| FPR2 | −1.415129945 | 2.150355253 | −12.64234044 | 4.39E-32 | 1.21E-30 | 61.95809449 | Down-regulated |
| CD80 | −1.140335329 | 1.386228794 | −12.63647507 | 4.65E-32 | 1.27E-30 | 61.90166753 | Down-regulated |
| SECTM1 | −1.518573649 | 5.301340467 | −12.62171305 | 5.37E-32 | 1.46E-30 | 61.75971219 | Down-regulated |
| TUBB6 | −1.101441594 | 8.724248054 | −12.62047113 | 5.43E-32 | 1.48E-30 | 61.74777353 | Down-regulated |
| STEAP3 | −1.561692624 | 7.748886187 | −12.61975398 | 5.47E-32 | 1.49E-30 | 61.74087982 | Down-regulated |
| NFATC2 | −1.528166803 | 4.803488911 | −12.58719773 | 7.49E-32 | 2.02E-30 | 61.42814422 | Down-regulated |
| LCK | −1.403192515 | 2.785641829 | −12.58249708 | 7.84E-32 | 2.11E-30 | 61.38302486 | Down-regulated |
| ST14 | −1.597232228 | 6.244716148 | −12.57974327 | 8.06E-32 | 2.16E-30 | 61.35659648 | Down-regulated |
| TBC1D10C | −1.126026902 | 3.679033852 | −12.5746971 | 8.46E-32 | 2.27E-30 | 61.30817603 | Down-regulated |
| CXCL10 | −2.252152504 | 3.756034825 | −12.55843729 | 9.90E-32 | 2.64E-30 | 61.15222515 | Down-regulated |
| APOC2 | −1.500288981 | 8.521984825 | −12.55261615 | 1.05E-31 | 2.78E-30 | 61.09641936 | Down-regulated |
| PHEX | −1.539347644 | 3.452272568 | −12.54778428 | 1.10E-31 | 2.91E-30 | 61.05010786 | Down-regulated |
| SELPLG | −1.161820461 | 9.584881128 | −12.54320632 | 1.15E-31 | 3.04E-30 | 61.00623869 | Down-regulated |
| UPP1 | −1.061387276 | 7.3523 | −12.52120798 | 1.42E-31 | 3.74E-30 | 60.79555357 | Down-regulated |
| CLEC17A | −1.772924376 | 2.841666926 | −12.50879154 | 1.60E-31 | 4.21E-30 | 60.67672386 | Down-regulated |
| TMEM119 | −1.514966539 | 8.819997082 | −12.50433994 | 1.67E-31 | 4.38E-30 | 60.63413576 | Down-regulated |
| ITGB4 | −1.657752362 | 10.26644669 | −12.4995725 | 1.75E-31 | 4.58E-30 | 60.58853498 | Down-regulated |
| PARP15 | −1.171344988 | 2.08934786 | −12.49666558 | 1.80E-31 | 4.70E-30 | 60.56073467 | Down-regulated |
| CEACAM4 | −1.075503043 | 1.653701362 | −12.48799323 | 1.95E-31 | 5.08E-30 | 60.47781714 | Down-regulated |
| FGD2 | −1.107883921 | 7.508371595 | −12.4593846 | 2.57E-31 | 6.67E-30 | 60.20450356 | Down-regulated |
| COL1A1 | −2.197622553 | 7.790177432 | −12.45725911 | 2.63E-31 | 6.80E-30 | 60.18421098 | Down-regulated |
| HLA-DRB6 | −1.95533161 | 6.102692218 | −12.4411142 | 3.07E-31 | 7.92E-30 | 60.03013166 | Down-regulated |
| BHLHE41 | −1.055689638 | 10.57883541 | −12.43929229 | 3.12E-31 | 8.05E-30 | 60.01275094 | Down-regulated |
| JAK3 | −1.404581138 | 6.21025642 | −12.43398551 | 3.29E-31 | 8.46E-30 | 59.96213292 | Down-regulated |
| FRRS1 | −1.282435492 | 2.234034241 | −12.42708736 | 3.51E-31 | 9.03E-30 | 59.89635298 | Down-regulated |
| C21orf63 | −1.125798359 | 7.221251167 | −12.41594582 | 3.91E-31 | 1.00E-29 | 59.79014999 | Down-regulated |
| PGCP | −1.052495164 | 7.751119066 | −12.41152792 | 4.08E-31 | 1.04E-29 | 59.74805206 | Down-regulated |
| CFB | −1.241697741 | 6.441006031 | −12.38792815 | 5.11E-31 | 1.30E-29 | 59.52330693 | Down-regulated |
| INMT | −1.768473304 | 4.309871012 | −12.38596222 | 5.21E-31 | 1.32E-29 | 59.50459541 | Down-regulated |
| ITK | −1.689525899 | 2.703058949 | −12.36848253 | 6.16E-31 | 1.56E-29 | 59.33829553 | Down-regulated |
| EPHX3 | −1.017431946 | 2.307574319 | −12.36768044 | 6.21E-31 | 1.57E-29 | 59.3306676 | Down-regulated |
| ATP2A3 | −1.112990089 | 5.658088911 | −12.35946282 | 6.72E-31 | 1.69E-29 | 59.2525325 | Down-regulated |
| CTSH | −1.492615246 | 10.18759475 | −12.33382941 | 8.59E-31 | 2.16E-29 | 59.00898422 | Down-regulated |
| OAS1 | −1.317454373 | 7.462326265 | −12.31998448 | 9.81E-31 | 2.46E-29 | 58.87755445 | Down-regulated |
| HLA-DQB2 | −1.913796696 | 2.93299786 | −12.31899077 | 9.90E-31 | 2.48E-29 | 58.86812425 | Down-regulated |
| MYBPH | −1.581311401 | 2.143261479 | −12.30901479 | 1.09E-30 | 2.72E-29 | 58.77347608 | Down-regulated |
| PRICKLE3 | −1.061828631 | 4.17693677 | −12.30722914 | 1.11E-30 | 2.76E-29 | 58.75653889 | Down-regulated |
| TLR10 | −1.300603431 | 5.178089494 | −12.30393307 | 1.14E-30 | 2.85E-29 | 58.72527867 | Down-regulated |
| C5orf20 | −1.06614957 | 1.558804475 | −12.29606789 | 1.23E-30 | 3.06E-29 | 58.650703 | Down-regulated |
| SYNM | −1.149146203 | 11.20759864 | −12.27880727 | 1.45E-30 | 3.60E-29 | 58.4871329 | Down-regulated |
| ABCC3 | −2.529941276 | 4.751118093 | −12.27865995 | 1.46E-30 | 3.60E-29 | 58.48573733 | Down-regulated |
| FAM114A1 | −1.103833179 | 6.304984047 | −12.26947982 | 1.59E-30 | 3.92E-29 | 58.39879339 | Down-regulated |
| SKAP2 | −1.175771827 | 8.441057782 | −12.24131147 | 2.08E-30 | 5.10E-29 | 58.13223565 | Down-regulated |
| WDR78 | −1.340564138 | 5.831766342 | −12.18404804 | 3.59E-30 | 8.71E-29 | 57.59138403 | Down-regulated |
| CXCR2 | −1.235261797 | 3.460062257 | −12.16434538 | 4.33E-30 | 1.05E-28 | 57.40561501 | Down-regulated |
| IL28RA | −1.37628069 | 5.656158949 | −12.14873203 | 5.02E-30 | 1.21E-28 | 57.25852004 | Down-regulated |
| P2RY13 | −1.192916561 | 7.849642802 | −12.14296231 | 5.30E-30 | 1.28E-28 | 57.20418929 | Down-regulated |
| EMP3 | −1.975654294 | 6.577466926 | −12.13619446 | 5.65E-30 | 1.36E-28 | 57.14047785 | Down-regulated |
| RAB34 | −1.268047838 | 7.524469844 | −12.09816878 | 8.11E-30 | 1.93E-28 | 56.7828753 | Down-regulated |
| TIMP1 | −1.84371868 | 8.349786576 | −12.09730244 | 8.18E-30 | 1.94E-28 | 56.77473526 | Down-regulated |
| MATN2 | −1.095898238 | 10.74175856 | −12.08974616 | 8.78E-30 | 2.08E-28 | 56.70375105 | Down-regulated |
| TGIF1 | −1.054724131 | 8.014301167 | −12.0661301 | 1.10E-29 | 2.59E-28 | 56.48205902 | Down-regulated |
| SERPINH1 | −1.068240304 | 9.112949222 | −12.05555876 | 1.21E-29 | 2.86E-28 | 56.38290043 | Down-regulated |
| GBP4 | −1.021083594 | 7.872394747 | −12.04952003 | 1.29E-29 | 3.02E-28 | 56.32627912 | Down-regulated |
| CABP4 | −1.060625076 | 2.694441245 | −12.03617536 | 1.46E-29 | 3.41E-28 | 56.20121086 | Down-regulated |
| TAGLN2 | −1.086891434 | 10.31671537 | −12.02894629 | 1.56E-29 | 3.64E-28 | 56.13349121 | Down-regulated |
| PLD4 | −1.384642127 | 8.537530545 | −12.01011717 | 1.86E-29 | 4.32E-28 | 55.95721277 | Down-regulated |
| FILIP1L | −1.082403937 | 7.80525 | −11.99991611 | 2.05E-29 | 4.74E-28 | 55.86177476 | Down-regulated |
| CD109 | −1.133392875 | 7.205170623 | −11.99584155 | 2.13E-29 | 4.92E-28 | 55.82366717 | Down-regulated |
| KLRB1 | −1.375852183 | 1.569921206 | −11.97306966 | 2.64E-29 | 6.07E-28 | 55.61082498 | Down-regulated |
| LILRA6 | −1.329044504 | 3.500366926 | −11.94172623 | 3.55E-29 | 8.08E-28 | 55.31823899 | Down-regulated |
| CXCR4 | −1.076678806 | 8.750018093 | −11.93274016 | 3.87E-29 | 8.77E-28 | 55.23443508 | Down-regulated |
| LOC400759 | −1.375673117 | 2.699380934 | −11.92835503 | 4.03E-29 | 9.13E-28 | 55.19355232 | Down-regulated |
| CFH | −1.127097526 | 7.7637607 | −11.92752143 | 4.06E-29 | 9.19E-28 | 55.18578159 | Down-regulated |
| METTL7B | −1.921169407 | 7.099768872 | −11.92606857 | 4.12E-29 | 9.31E-28 | 55.17223893 | Down-regulated |
| COL8A1 | −2.034545585 | 3.780150584 | −11.91827477 | 4.43E-29 | 9.99E-28 | 55.0996059 | Down-regulated |
| PDIA5 | −1.052523462 | 6.027332879 | −11.90879382 | 4.84E-29 | 1.09E-27 | 55.01128583 | Down-regulated |
| DLEC1 | −1.613492027 | 5.864463619 | −11.88105322 | 6.28E-29 | 1.41E-27 | 54.75309602 | Down-regulated |
| CLCF1 | −1.45632021 | 4.028036381 | −11.87327441 | 6.76E-29 | 1.51E-27 | 54.68075764 | Down-regulated |
| TGFB2 | −1.605939547 | 8.740492607 | −11.86171791 | 7.53E-29 | 1.68E-27 | 54.57333866 | Down-regulated |
| GPRC5A | −1.742742981 | 3.31841751 | −11.85684027 | 7.88E-29 | 1.75E-27 | 54.52801818 | Down-regulated |
| C19orf35 | −1.068094274 | 4.252713813 | −11.83949864 | 9.27E-29 | 2.05E-27 | 54.36697486 | Down-regulated |
| VCAM1 | −1.840078234 | 8.999626848 | −11.83042698 | 1.01E-28 | 2.22E-27 | 54.28278427 | Down-regulated |
| TSPO | −1.041968562 | 9.109666926 | −11.80875054 | 1.24E-28 | 2.70E-27 | 54.08176245 | Down-regulated |
| PDCD1 | −1.273128285 | 1.956342218 | −11.78714621 | 1.51E-28 | 3.28E-27 | 53.88161884 | Down-regulated |
| TNFSF10 | −1.05339058 | 7.009209922 | −11.78340846 | 1.57E-28 | 3.40E-27 | 53.84701342 | Down-regulated |
| HPD | −1.920703077 | 2.18309144 | −11.76397608 | 1.88E-28 | 4.04E-27 | 53.66720288 | Down-regulated |
| ZFP36 | −1.353252983 | 10.09727451 | −11.75723903 | 2.00E-28 | 4.29E-27 | 53.60490375 | Down-regulated |
| WWTR1 | −1.323517118 | 7.999725292 | −11.75293151 | 2.08E-28 | 4.45E-27 | 53.5650818 | Down-regulated |
| GPR114 | −1.356659018 | 3.544055642 | −11.75262933 | 2.09E-28 | 4.46E-27 | 53.56228847 | Down-regulated |
| C10orf55 | −1.110367469 | 1.904590467 | −11.74129109 | 2.32E-28 | 4.94E-27 | 53.45751091 | Down-regulated |
| GPNMB | −1.755266682 | 8.629196304 | −11.71243114 | 3.04E-28 | 6.42E-27 | 53.19107633 | Down-regulated |
| LUM | −1.469102268 | 5.531516732 | −11.70767805 | 3.17E-28 | 6.70E-27 | 53.14723215 | Down-regulated |
| DHRS3 | −1.016426865 | 9.768725292 | −11.69509751 | 3.57E-28 | 7.51E-27 | 53.0312343 | Down-regulated |
| RAB42 | −1.13705387 | 3.185989883 | −11.68135624 | 4.06E-28 | 8.52E-27 | 52.9046163 | Down-regulated |
| NKG7 | −1.379215925 | 3.368786965 | −11.64707198 | 5.58E-28 | 1.16E-26 | 52.5890823 | Down-regulated |
| MMEL1 | −2.010671487 | 2.938475681 | −11.61676881 | 7.38E-28 | 1.52E-26 | 52.31063627 | Down-regulated |
| PLAC8 | −1.748564841 | 3.098069844 | −11.61471006 | 7.53E-28 | 1.55E-26 | 52.29173441 | Down-regulated |
| CHI3L1 | −2.91276346 | 8.733262257 | −11.58177759 | 1.02E-27 | 2.09E-26 | 51.98963893 | Down-regulated |
| PRSS23 | −1.020694101 | 8.458593774 | −11.56753809 | 1.16E-27 | 2.37E-26 | 51.85917257 | Down-regulated |
| ANKRD58 | −1.083584281 | 3.882278016 | −11.56431526 | 1.20E-27 | 2.44E-26 | 51.8296571 | Down-regulated |
| LTF | −2.969409557 | 4.640249027 | −11.56319195 | 1.21E-27 | 2.46E-26 | 51.81937068 | Down-regulated |
| SIGLEC11 | −1.178103573 | 4.720832879 | −11.55456654 | 1.31E-27 | 2.66E-26 | 51.7404052 | Down-regulated |
| PSTPIP2 | −1.006421854 | 5.101049805 | −11.54369346 | 1.45E-27 | 2.93E-26 | 51.64091148 | Down-regulated |
| TMEM156 | −1.219293393 | 5.402571206 | −11.53852224 | 1.52E-27 | 3.07E-26 | 51.59361173 | Down-regulated |
| CX3CR1 | −1.564642015 | 9.936595136 | −11.53590765 | 1.56E-27 | 3.14E-26 | 51.56970147 | Down-regulated |
| ITGAX | −1.17340522 | 8.575762062 | −11.50094995 | 2.15E-27 | 4.29E-26 | 51.25032177 | Down-regulated |
| ERP27 | −1.198723098 | 2.535764008 | −11.49473694 | 2.28E-27 | 4.54E-26 | 51.19361831 | Down-regulated |
| LTBP1 | −1.098228128 | 9.168572179 | −11.48001453 | 2.61E-27 | 5.17E-26 | 51.05932526 | Down-regulated |
| PRF1 | −1.290868808 | 4.06446965 | −11.47066635 | 2.84E-27 | 5.62E-26 | 50.97410686 | Down-regulated |
| LAMP3 | −1.180445082 | 3.063303502 | −11.46453228 | 3.01E-27 | 5.94E-26 | 50.91821072 | Down-regulated |
| HSPA7 | −1.669864471 | 4.366314202 | −11.46008455 | 3.14E-27 | 6.17E-26 | 50.87769228 | Down-regulated |
| EMILIN2 | −1.370386443 | 6.110858171 | −11.43888298 | 3.81E-27 | 7.44E-26 | 50.68467533 | Down-regulated |
| COL1A2 | −1.310282628 | 9.282781518 | −11.43566982 | 3.92E-27 | 7.65E-26 | 50.6554415 | Down-regulated |
| CD79B | −1.028208246 | 2.403190856 | −11.42582264 | 4.30E-27 | 8.35E-26 | 50.56588069 | Down-regulated |
| FBLN5 | −1.208878419 | 7.983575097 | −11.41098277 | 4.92E-27 | 9.52E-26 | 50.43099748 | Down-regulated |
| HK2 | −1.031070331 | 9.094318482 | −11.40711405 | 5.10E-27 | 9.85E-26 | 50.39585082 | Down-regulated |
| TNFSF14 | −1.00567804 | 0.966778405 | −11.39568587 | 5.66E-27 | 1.09E-25 | 50.29206906 | Down-regulated |
| LRAT | −1.677643272 | 5.671903502 | −11.36374213 | 7.59E-27 | 1.45E-25 | 50.00230974 | Down-regulated |
| PTGER2 | −1.094992521 | 1.80109144 | −11.35276212 | 8.39E-27 | 1.60E-25 | 49.90282281 | Down-regulated |
| NUAK2 | −1.013402653 | 5.537080739 | −11.33669206 | 9.71E-27 | 1.85E-25 | 49.75731993 | Down-regulated |
| BDKRB2 | −1.538229442 | 4.075059339 | −11.3333356 | 1.00E-26 | 1.90E-25 | 49.72694509 | Down-regulated |
| TNFRSF11B | −1.677757543 | 4.120819844 | −11.3275078 | 1.06E-26 | 2.00E-25 | 49.67421839 | Down-regulated |
| YAP1 | −1.032803143 | 9.584755447 | −11.30627357 | 1.28E-26 | 2.41E-25 | 49.48223994 | Down-regulated |
| AMIGO2 | −1.362343141 | 5.918656809 | −11.28867884 | 1.51E-26 | 2.82E-25 | 49.32332995 | Down-regulated |
| CXCL9 | −1.811649025 | 3.463274903 | −11.26341913 | 1.89E-26 | 3.53E-25 | 49.09545236 | Down-regulated |
| MACC1 | −1.316108094 | 2.237620428 | −11.26322329 | 1.90E-26 | 3.54E-25 | 49.09368682 | Down-regulated |
| MARVELD1 | −1.012569495 | 6.887189883 | −11.24298617 | 2.28E-26 | 4.23E-25 | 48.91134358 | Down-regulated |
| PDLIM1 | −1.309428803 | 6.497646304 | −11.2286724 | 2.60E-26 | 4.79E-25 | 48.78249123 | Down-regulated |
| PLP2 | −1.177656277 | 7.406759533 | −11.22359326 | 2.72E-26 | 5.00E-25 | 48.73679273 | Down-regulated |
| PGAM2 | −1.279538193 | 7.359481518 | −11.16446192 | 4.65E-26 | 8.37E-25 | 48.20569243 | Down-regulated |
| HOXA1 | −1.465455629 | 1.889452724 | −11.14823018 | 5.39E-26 | 9.65E-25 | 48.06020167 | Down-regulated |
| COL6A3 | −1.654840885 | 5.595465759 | −11.13723311 | 5.95E-26 | 1.06E-24 | 47.96170438 | Down-regulated |
| CCL22 | −1.051061725 | 2.70016323 | −11.11195905 | 7.48E-26 | 1.33E-24 | 47.73555713 | Down-regulated |
| MMRN1 | −1.389930435 | 5.435143191 | −11.10229847 | 8.16E-26 | 1.45E-24 | 47.64919904 | Down-regulated |
| IL7R | −1.327679376 | 2.143333268 | −11.09768461 | 8.51E-26 | 1.51E-24 | 47.60797092 | Down-regulated |
| LOC400043 | −1.24651419 | 6.697251751 | −11.07018844 | 1.09E-25 | 1.92E-24 | 47.36249055 | Down-regulated |
| BATF3 | −1.108381686 | 5.274709728 | −11.05851716 | 1.21E-25 | 2.12E-24 | 47.25840457 | Down-regulated |
| LRRN4CL | −1.648782694 | 5.162131518 | −11.05152872 | 1.29E-25 | 2.25E-24 | 47.19611296 | Down-regulated |
| LOXL2 | −1.181194746 | 7.624073152 | −11.0482322 | 1.33E-25 | 2.32E-24 | 47.16673779 | Down-regulated |
| MGP | −1.675287682 | 8.047342218 | −11.04577122 | 1.36E-25 | 2.37E-24 | 47.14481154 | Down-regulated |
| CD28 | −1.152967542 | 2.117064008 | −11.00986433 | 1.87E-25 | 3.24E-24 | 46.82523931 | Down-regulated |
| C21orf88 | −1.073922508 | 4.475397082 | −10.99948545 | 2.06E-25 | 3.55E-24 | 46.73298643 | Down-regulated |
| COL4A2 | −1.352691818 | 10.03868307 | −10.99518104 | 2.14E-25 | 3.68E-24 | 46.69474243 | Down-regulated |
| SLC2A10 | −1.236866788 | 7.165774125 | −10.98652653 | 2.31E-25 | 3.96E-24 | 46.61787625 | Down-regulated |
| MS4A14 | −1.124175963 | 5.005025875 | −10.98150929 | 2.42E-25 | 4.14E-24 | 46.57333215 | Down-regulated |
| IER3 | −1.063364041 | 7.379039494 | −10.97649206 | 2.53E-25 | 4.33E-24 | 46.52880066 | Down-regulated |
| S100A9 | −1.668728504 | 5.687283852 | −10.96148378 | 2.89E-25 | 4.93E-24 | 46.39566672 | Down-regulated |
| FMOD | −1.772135256 | 6.203417315 | −10.94231324 | 3.43E-25 | 5.83E-24 | 46.22577477 | Down-regulated |
| TREML1 | −1.102365153 | 3.147072568 | −10.91098118 | 4.54E-25 | 7.65E-24 | 45.9485031 | Down-regulated |
| HOXB2 | −1.597297405 | 2.848941051 | −10.90596228 | 4.75E-25 | 7.97E-24 | 45.90413451 | Down-regulated |
| HOXB7 | −1.517646169 | 3.066569844 | −10.89011995 | 5.47E-25 | 9.14E-24 | 45.7641669 | Down-regulated |
| EGF | −1.220810053 | 5.118833268 | −10.88634331 | 5.66E-25 | 9.44E-24 | 45.73081888 | Down-regulated |
| TMEM176A | −1.247450424 | 8.128397471 | −10.88207698 | 5.88E-25 | 9.79E-24 | 45.69315548 | Down-regulated |
| OASL | −1.416416067 | 4.745441051 | −10.86216665 | 7.02E-25 | 1.16E-23 | 45.51750786 | Down-regulated |
| UPK3A | −1.220046687 | 1.586374319 | −10.85291583 | 7.63E-25 | 1.26E-23 | 45.4359661 | Down-regulated |
| CD274 | −1.148773383 | 3.573005253 | −10.84865825 | 7.92E-25 | 1.31E-23 | 45.39845214 | Down-regulated |
| CXCL11 | −1.600210389 | 2.81317821 | −10.84247125 | 8.37E-25 | 1.38E-23 | 45.34395414 | Down-regulated |
| LEFTY2 | −2.175036695 | 4.409566342 | −10.83237001 | 9.15E-25 | 1.51E-23 | 45.25501961 | Down-regulated |
| IL6 | −1.621410813 | 2.843964981 | −10.82717874 | 9.59E-25 | 1.57E-23 | 45.2093342 | Down-regulated |
| ARHGAP6 | −1.02345301 | 7.322179377 | −10.82649921 | 9.65E-25 | 1.58E-23 | 45.20335504 | Down-regulated |
| SIGLEC14 | −1.513813496 | 5.497210895 | −10.80073832 | 1.21E-24 | 1.97E-23 | 44.97686035 | Down-regulated |
| TUBA1C | −1.018404221 | 8.480388911 | −10.79088244 | 1.32E-24 | 2.14E-23 | 44.8902952 | Down-regulated |
| CYP19A1 | −1.226896015 | 3.583999027 | −10.78765739 | 1.36E-24 | 2.20E-23 | 44.86198003 | Down-regulated |
| ZBP1 | −1.278435353 | 2.678894358 | −10.76876886 | 1.61E-24 | 2.58E-23 | 44.6962504 | Down-regulated |
| SIGLEC8 | −1.19280337 | 8.492387549 | −10.76608587 | 1.65E-24 | 2.64E-23 | 44.67272446 | Down-regulated |
| NEXN | −1.015108957 | 6.17812393 | −10.7487815 | 1.92E-24 | 3.06E-23 | 44.52107881 | Down-regulated |
| TNC | −1.28708856 | 11.61437412 | −10.71585934 | 2.57E-24 | 4.07E-23 | 44.23299328 | Down-regulated |
| IFI44L | −1.343069238 | 9.636565953 | −10.7154422 | 2.58E-24 | 4.09E-23 | 44.22934662 | Down-regulated |
| CRB2 | −1.430756017 | 8.468335409 | −10.68762534 | 3.30E-24 | 5.18E-23 | 43.98637725 | Down-regulated |
| CLEC10A | −1.438596381 | 2.222763813 | −10.66833565 | 3.91E-24 | 6.12E-23 | 43.81812462 | Down-regulated |
| FCER1A | −1.462343002 | 2.274669261 | −10.66556384 | 4.01E-24 | 6.25E-23 | 43.79396363 | Down-regulated |
| SH2D1A | −1.004091764 | 1.934161868 | −10.66467911 | 4.04E-24 | 6.30E-23 | 43.78625254 | Down-regulated |
| TRIM6 | −1.015572478 | 4.421512451 | −10.64645213 | 4.74E-24 | 7.36E-23 | 43.62748162 | Down-regulated |
| C1orf87 | −1.484159972 | 1.703081128 | −10.63625742 | 5.18E-24 | 8.01E-23 | 43.53875326 | Down-regulated |
| P4HA3 | −1.024066452 | 2.200703307 | −10.62613067 | 5.67E-24 | 8.74E-23 | 43.45067016 | Down-regulated |
| IL1R1 | −1.156029727 | 7.067329183 | −10.6110791 | 6.47E-24 | 9.94E-23 | 43.31984943 | Down-regulated |
| PRR15 | −1.065116346 | 3.13902179 | −10.60797477 | 6.64E-24 | 1.02E-22 | 43.29288291 | Down-regulated |
| F2RL1 | −1.413318129 | 5.958720039 | −10.59963151 | 7.15E-24 | 1.10E-22 | 43.22043208 | Down-regulated |
| FCAR | −1.320913738 | 2.303354475 | −10.5852323 | 8.11E-24 | 1.24E-22 | 43.09547869 | Down-regulated |
| SOCS3 | −1.664710326 | 7.418411868 | −10.57074781 | 9.21E-24 | 1.40E-22 | 42.96989494 | Down-regulated |
| COL4A1 | −1.495986483 | 9.519097471 | −10.56524237 | 9.66E-24 | 1.47E-22 | 42.92219047 | Down-regulated |
| IL1A | −1.338395788 | 3.162245136 | −10.54914922 | 1.11E-23 | 1.69E-22 | 42.78283524 | Down-regulated |
| HPSE | −1.226399964 | 5.523740661 | −10.53411775 | 1.27E-23 | 1.92E-22 | 42.65279677 | Down-regulated |
| COL6A2 | −1.298788433 | 8.35836323 | −10.53000073 | 1.32E-23 | 1.98E-22 | 42.61720081 | Down-regulated |
| TEAD4 | −1.273181683 | 5.304580739 | −10.521294 | 1.42E-23 | 2.13E-22 | 42.54195168 | Down-regulated |
| FLNC | −1.591885668 | 9.075788716 | −10.51962899 | 1.44E-23 | 2.16E-22 | 42.52756611 | Down-regulated |
| CD99 | −1.192851423 | 11.68946284 | −10.51418248 | 1.51E-23 | 2.26E-22 | 42.48051905 | Down-regulated |
| FOSL1 | −1.407970976 | 4.603968872 | −10.46474757 | 2.32E-23 | 3.41E-22 | 42.05421817 | Down-regulated |
| GPX8 | −1.432975457 | 4.463691634 | −10.42673625 | 3.23E-23 | 4.68E-22 | 41.72731272 | Down-regulated |
| DERL3 | −1.049924028 | 4.377305058 | −10.39894648 | 4.11E-23 | 5.93E-22 | 41.48880356 | Down-regulated |
| NNMT | −1.652640416 | 5.30772179 | −10.39281874 | 4.34E-23 | 6.24E-22 | 41.43626715 | Down-regulated |
| MAMDC2 | −1.219961237 | 4.650904475 | −10.38567759 | 4.61E-23 | 6.62E-22 | 41.3750677 | Down-regulated |
| SLC43A3 | −1.111178282 | 7.643402529 | −10.36552874 | 5.49E-23 | 7.85E-22 | 41.20254039 | Down-regulated |
| GZMH | −1.215893305 | 1.882175875 | −10.3511293 | 6.22E-23 | 8.86E-22 | 41.07937723 | Down-regulated |
| CAV1 | −1.159797214 | 8.849564397 | −10.34918772 | 6.33E-23 | 9.01E-22 | 41.0627788 | Down-regulated |
| MRGPRF | −1.094738275 | 5.913511479 | −10.32413537 | 7.85E-23 | 1.11E-21 | 40.84879072 | Down-regulated |
| HSPA6 | −1.442237043 | 6.148145914 | −10.28004317 | 1.15E-22 | 1.60E-21 | 40.47299707 | Down-regulated |
| ACTN1 | −1.017635465 | 10.27807257 | −10.26567026 | 1.30E-22 | 1.81E-21 | 40.35072641 | Down-regulated |
| HLA-G | −1.116447465 | 4.724572763 | −10.25346867 | 1.44E-22 | 2.00E-21 | 40.24701559 | Down-regulated |
| COL3A1 | −1.832920703 | 7.683005642 | −10.22539386 | 1.84E-22 | 2.54E-21 | 40.0086948 | Down-regulated |
| IQGAP2 | −1.429735329 | 7.091741829 | −10.20875191 | 2.12E-22 | 2.92E-21 | 39.86762862 | Down-regulated |
| DOK2 | −1.14564798 | 3.500013424 | −10.17550126 | 2.81E-22 | 3.84E-21 | 39.58623364 | Down-regulated |
| C6 | −1.351089199 | 1.422666537 | −10.14707364 | 3.59E-22 | 4.87E-21 | 39.34613793 | Down-regulated |
| PTCRA | −1.189925073 | 2.109893191 | −10.12004411 | 4.52E-22 | 6.09E-21 | 39.11826454 | Down-regulated |
| RASSF9 | −1.355569092 | 2.172358949 | −10.11831459 | 4.58E-22 | 6.17E-21 | 39.10369755 | Down-regulated |
| LTC4S | −1.138748871 | 5.177185603 | −10.0671803 | 7.08E-22 | 9.40E-21 | 38.67376618 | Down-regulated |
| HS3ST1 | −1.358267978 | 7.524407393 | −10.06707461 | 7.09E-22 | 9.40E-21 | 38.67287904 | Down-regulated |
| CCDC135 | −1.436237094 | 3.671477626 | −10.06348537 | 7.31E-22 | 9.68E-21 | 38.64275597 | Down-regulated |
| UBD | −1.454448192 | 4.925036965 | −10.02549831 | 1.01E-21 | 1.31E-20 | 38.32438722 | Down-regulated |
| LIPC | −1.0229165 | 3.188469844 | −10.02324488 | 1.03E-21 | 1.34E-20 | 38.30552667 | Down-regulated |
| PLEK2 | −1.133213811 | 2.137129961 | −10.00752336 | 1.17E-21 | 1.52E-20 | 38.17402118 | Down-regulated |
| SERPINE1 | −1.698863772 | 7.785460506 | −10.00095999 | 1.24E-21 | 1.60E-20 | 38.11916177 | Down-regulated |
| FNDC1 | −1.517525666 | 3.06860428 | −9.987176316 | 1.39E-21 | 1.79E-20 | 38.00403083 | Down-regulated |
| CDSN | −1.29008115 | 2.460732101 | −9.985204022 | 1.42E-21 | 1.82E-20 | 37.98756559 | Down-regulated |
| OSM | −1.477350536 | 4.39663035 | −9.974531788 | 1.55E-21 | 1.98E-20 | 37.89850889 | Down-regulated |
| HSPG2 | −1.066286334 | 9.049680545 | −9.949656937 | 1.91E-21 | 2.43E-20 | 37.69118484 | Down-regulated |
| S100A2 | −1.084667896 | 3.929585603 | −9.944554513 | 2.00E-21 | 2.54E-20 | 37.64870094 | Down-regulated |
| GFAP | −1.153285889 | 18.165007 | −9.92772459 | 2.30E-21 | 2.91E-20 | 37.50867578 | Down-regulated |
| IL2RA | −1.281284935 | 1.266478599 | −9.913768868 | 2.59E-21 | 3.26E-20 | 37.39268572 | Down-regulated |
| DIRAS3 | −1.302447535 | 6.331875681 | −9.912694153 | 2.61E-21 | 3.28E-20 | 37.38375804 | Down-regulated |
| SH2D4A | −1.438385922 | 3.596007393 | −9.904627375 | 2.79E-21 | 3.50E-20 | 37.31676805 | Down-regulated |
| CFD | −1.008981386 | 5.109604864 | −9.901483717 | 2.87E-21 | 3.59E-20 | 37.29067177 | Down-regulated |
| EFEMP1 | −1.132818356 | 10.98674514 | −9.885783511 | 3.27E-21 | 4.07E-20 | 37.16042461 | Down-regulated |
| TM4SF1 | −1.034149028 | 8.075511868 | −9.883081928 | 3.35E-21 | 4.16E-20 | 37.13802673 | Down-regulated |
| AR | −1.431515104 | 5.430444163 | −9.870585535 | 3.72E-21 | 4.60E-20 | 37.03447759 | Down-regulated |
| XKR8 | −1.007322832 | 6.288775875 | −9.847632886 | 4.50E-21 | 5.54E-20 | 36.8445167 | Down-regulated |
| NSUN7 | −1.279091627 | 3.430814397 | −9.814157344 | 5.96E-21 | 7.26E-20 | 36.56800651 | Down-regulated |
| CRYBB1 | −1.004590144 | 4.899271012 | −9.808596972 | 6.24E-21 | 7.59E-20 | 36.52213969 | Down-regulated |
| SLC44A3 | −1.018918811 | 7.007815175 | −9.798651535 | 6.78E-21 | 8.23E-20 | 36.44014533 | Down-regulated |
| ATF3 | −1.083983018 | 7.938991051 | −9.797411518 | 6.85E-21 | 8.31E-20 | 36.4299261 | Down-regulated |
| THBD | −1.11870271 | 6.03567821 | −9.795842277 | 6.94E-21 | 8.41E-20 | 36.41699492 | Down-regulated |
| DDIT4L | −1.905917666 | 4.505237938 | −9.773156134 | 8.39E-21 | 1.01E-19 | 36.23021046 | Down-regulated |
| CYR61 | −1.412679845 | 9.049838327 | −9.73537722 | 1.15E-20 | 1.37E-19 | 35.91981995 | Down-regulated |
| ST6GALNAC2 | −1.200533152 | 4.683725681 | −9.725770276 | 1.24E-20 | 1.48E-19 | 35.84102125 | Down-regulated |
| ASPN | −1.074881571 | 3.791309339 | −9.723562722 | 1.27E-20 | 1.51E-19 | 35.82292185 | Down-regulated |
| ISG20 | −1.008425875 | 5.213636965 | −9.705037657 | 1.48E-20 | 1.75E-19 | 35.67114918 | Down-regulated |
| RPE65 | −1.614898889 | 7.02253463 | −9.689817829 | 1.67E-20 | 1.97E-19 | 35.54660494 | Down-regulated |
| RGS1 | −1.50477705 | 9.120276654 | −9.681451035 | 1.79E-20 | 2.11E-19 | 35.47819667 | Down-regulated |
| C20orf26 | −1.146357498 | 4.389141829 | −9.67437795 | 1.90E-20 | 2.23E-19 | 35.42039779 | Down-regulated |
| LOXL4 | −1.197406286 | 3.39617179 | −9.655517307 | 2.22E-20 | 2.60E-19 | 35.26641756 | Down-regulated |
| RGS16 | −1.197116509 | 7.043107588 | −9.622705963 | 2.91E-20 | 3.36E-19 | 34.9990379 | Down-regulated |
| IDO1 | −1.342980108 | 1.205868872 | −9.60515948 | 3.37E-20 | 3.86E-19 | 34.85631051 | Down-regulated |
| C7 | −1.326026902 | 5.982072957 | −9.582649456 | 4.05E-20 | 4.61E-19 | 34.67347337 | Down-regulated |
| CELSR1 | −1.425773301 | 5.266204669 | −9.579545513 | 4.16E-20 | 4.73E-19 | 34.64828506 | Down-regulated |
| CCL8 | −1.474505766 | 2.473727821 | −9.567657147 | 4.58E-20 | 5.20E-19 | 34.5518642 | Down-regulated |
| C8orf4 | −1.171885168 | 7.466185798 | −9.530753289 | 6.20E-20 | 6.96E-19 | 34.25308623 | Down-regulated |
| MPZL2 | −1.207017778 | 4.197863813 | −9.516648163 | 6.96E-20 | 7.77E-19 | 34.13910237 | Down-regulated |
| VDR | −1.057570964 | 3.006888716 | −9.513644362 | 7.13E-20 | 7.95E-19 | 34.11484381 | Down-regulated |
| CD5 | −1.013372744 | 2.66917393 | −9.510116416 | 7.34E-20 | 8.18E-19 | 34.08635913 | Down-regulated |
| C1orf130 | −1.21331204 | 3.098113424 | −9.476737549 | 9.64E-20 | 1.06E-18 | 33.81722372 | Down-regulated |
| APLNR | −1.441206577 | 10.78605875 | −9.46023714 | 1.10E-19 | 1.21E-18 | 33.68442514 | Down-regulated |
| SPATA17 | −1.078326678 | 3.243169844 | −9.45607901 | 1.14E-19 | 1.25E-18 | 33.65098529 | Down-regulated |
| GATA3 | −1.117344568 | 2.163946887 | −9.444208988 | 1.26E-19 | 1.37E-18 | 33.55558295 | Down-regulated |
| TC2N | −1.382435283 | 5.232155642 | −9.3852286 | 2.03E-19 | 2.17E-18 | 33.08279405 | Down-regulated |
| CD248 | −1.080431495 | 6.409254864 | −9.380318876 | 2.11E-19 | 2.25E-18 | 33.04353171 | Down-regulated |
| B3GNT7 | −1.109902813 | 5.53684786 | −9.367232036 | 2.35E-19 | 2.49E-18 | 32.93894908 | Down-regulated |
| F3 | −1.099112981 | 9.929870233 | −9.362498561 | 2.44E-19 | 2.59E-18 | 32.90114724 | Down-regulated |
| SLAMF7 | −1.294333133 | 2.633210506 | −9.280420924 | 4.72E-19 | 4.88E-18 | 32.24782448 | Down-regulated |
| ECHDC3 | −1.056188124 | 4.596480934 | −9.274605552 | 4.95E-19 | 5.11E-18 | 32.20169027 | Down-regulated |
| JUNB | −1.004584481 | 10.16009864 | −9.27422825 | 4.96E-19 | 5.12E-18 | 32.19869779 | Down-regulated |
| CEBPD | −1.02182321 | 8.562655447 | −9.271987944 | 5.05E-19 | 5.21E-18 | 32.18093112 | Down-regulated |
| LIF | −1.419948692 | 4.471205642 | −9.234815709 | 6.81E-19 | 6.94E-18 | 31.88658454 | Down-regulated |
| FAM3B | −1.078113121 | 1.845661479 | −9.232077735 | 6.96E-19 | 7.08E-18 | 31.86493739 | Down-regulated |
| TGFBI | −1.278940374 | 8.763150195 | −9.210215014 | 8.29E-19 | 8.40E-18 | 31.69224942 | Down-regulated |
| C19orf51 | −1.294735341 | 3.857877626 | −9.205845327 | 8.59E-19 | 8.68E-18 | 31.65776951 | Down-regulated |
| FOS | −1.255474382 | 11.30268444 | −9.2038579 | 8.72E-19 | 8.81E-18 | 31.64209118 | Down-regulated |
| TNFRSF8 | −1.347294271 | 3.394007393 | −9.127058235 | 1.61E-18 | 1.60E-17 | 31.03809774 | Down-regulated |
| AMICA1 | −1.27570387 | 3.84798463 | −9.12301071 | 1.66E-18 | 1.65E-17 | 31.00636675 | Down-regulated |
| S100A8 | −1.463945249 | 4.668683658 | −9.094097343 | 2.09E-18 | 2.04E-17 | 30.77999246 | Down-regulated |
| CA3 | −1.491593792 | 4.163099611 | −9.091850159 | 2.13E-18 | 2.08E-17 | 30.76242006 | Down-regulated |
| ZNF474 | −1.053935414 | 2.567999805 | −9.070968333 | 2.51E-18 | 2.44E-17 | 30.59927953 | Down-regulated |
| ROR2 | −1.194633806 | 3.510030156 | −9.066902039 | 2.59E-18 | 2.51E-17 | 30.56754289 | Down-regulated |
| TFPI2 | −1.122053077 | 2.113012646 | −9.053228284 | 2.89E-18 | 2.78E-17 | 30.46089734 | Down-regulated |
| PIRT | −1.59602559 | 6.568816732 | −9.043925654 | 3.11E-18 | 2.99E-17 | 30.38841004 | Down-regulated |
| C4orf31 | −1.555799089 | 5.667043969 | −9.042374293 | 3.15E-18 | 3.02E-17 | 30.37632688 | Down-regulated |
| TAS1R1 | −1.028750018 | 3.023424125 | −9.039735156 | 3.21E-18 | 3.08E-17 | 30.35577476 | Down-regulated |
| ADAM6 | −1.8693785 | 4.930699611 | −9.022319117 | 3.68E-18 | 3.52E-17 | 30.22025741 | Down-regulated |
| SOD3 | −1.189310732 | 6.287384825 | −8.985002845 | 4.94E-18 | 4.66E-17 | 29.93053149 | Down-regulated |
| COL4A6 | −1.368855799 | 5.430492996 | −8.977312826 | 5.25E-18 | 4.93E-17 | 29.87093416 | Down-regulated |
| ZNF518B | −1.00374057 | 7.673139494 | −8.970550798 | 5.54E-18 | 5.18E-17 | 29.8185594 | Down-regulated |
| SLC34A2 | −1.475114287 | 2.607584047 | −8.942231258 | 6.91E-18 | 6.40E-17 | 29.59952498 | Down-regulated |
| RSPH4A | −1.028512246 | 4.594327432 | −8.942141375 | 6.92E-18 | 6.41E-17 | 29.59883059 | Down-regulated |
| CLEC18B | −1.205703588 | 5.16413463 | −8.93413023 | 7.36E-18 | 6.81E-17 | 29.53696136 | Down-regulated |
| WDR38 | −1.4948538 | 2.188644942 | −8.919196187 | 8.28E-18 | 7.62E-17 | 29.42173539 | Down-regulated |
| HOXB4 | −1.366142584 | 1.752085798 | −8.914599171 | 8.58E-18 | 7.89E-17 | 29.38629474 | Down-regulated |
| LOC541471 | −1.047638832 | 5.014998249 | −8.903802105 | 9.34E-18 | 8.54E-17 | 29.30310738 | Down-regulated |
| CH25H | −1.403331992 | 7.311619261 | −8.874041864 | 1.18E-17 | 1.07E-16 | 29.0741979 | Down-regulated |
| FCGR3B | −1.191273625 | 3.501556809 | −8.869193654 | 1.22E-17 | 1.10E-16 | 29.03695969 | Down-regulated |
| MSLN | −1.458285159 | 3.570994163 | −8.86427611 | 1.27E-17 | 1.15E-16 | 28.99920418 | Down-regulated |
| FOXJ1 | −1.220549718 | 7.253235798 | −8.851891511 | 1.40E-17 | 1.26E-16 | 28.90418681 | Down-regulated |
| EGR2 | −1.334150088 | 7.826959339 | −8.837649345 | 1.56E-17 | 1.40E-16 | 28.79503837 | Down-regulated |
| SLC47A2 | −1.799452765 | 4.554570623 | −8.834379419 | 1.60E-17 | 1.43E-16 | 28.76999669 | Down-regulated |
| CD52 | −1.038327862 | 4.038539883 | −8.82288601 | 1.75E-17 | 1.56E-16 | 28.68203219 | Down-regulated |
| GCOM1 | −1.240835822 | 4.761410895 | −8.810514663 | 1.93E-17 | 1.71E-16 | 28.58744258 | Down-regulated |
| HOXB3 | −1.6136212 | 2.577265175 | −8.802556746 | 2.05E-17 | 1.82E-16 | 28.5266491 | Down-regulated |
| TNFSF13B | −1.341421421 | 5.306807198 | −8.757788812 | 2.90E-17 | 2.53E-16 | 28.1854055 | Down-regulated |
| PLAT | −1.087009972 | 8.102683463 | −8.712290196 | 4.12E-17 | 3.55E-16 | 27.83991075 | Down-regulated |
| HSPB6 | −1.23694686 | 8.564485019 | −8.710092311 | 4.19E-17 | 3.61E-16 | 27.82325481 | Down-regulated |
| PSORS1C1 | −1.015534493 | 2.165943385 | −8.655444667 | 6.36E-17 | 5.38E-16 | 27.41012978 | Down-regulated |
| FAM181A | −1.542083233 | 6.108354669 | −8.648067829 | 6.73E-17 | 5.68E-16 | 27.35451054 | Down-regulated |
| C10orf81 | −1.41503062 | 1.968068288 | −8.645494947 | 6.87E-17 | 5.78E-16 | 27.33512005 | Down-regulated |
| FGFBP2 | −1.218892406 | 3.752897276 | −8.642882773 | 7.01E-17 | 5.89E-16 | 27.31543784 | Down-regulated |
| VASN | −1.235640307 | 6.137974514 | −8.640238071 | 7.15E-17 | 6.00E-16 | 27.29551506 | Down-regulated |
| ACTG2 | −1.487837182 | 3.472916732 | −8.621840151 | 8.23E-17 | 6.86E-16 | 27.1570476 | Down-regulated |
| PI16 | −1.577012918 | 7.982208171 | −8.61107278 | 8.93E-17 | 7.41E-16 | 27.07611176 | Down-regulated |
| CPZ | −1.273117839 | 4.09393463 | −8.59259721 | 1.03E-16 | 8.49E-16 | 26.93741121 | Down-regulated |
| FAM46C | −1.029310856 | 5.412157588 | −8.55048719 | 1.42E-16 | 1.15E-15 | 26.62211429 | Down-regulated |
| TCEA3 | −1.115020252 | 5.145216926 | −8.549854795 | 1.42E-16 | 1.16E-15 | 26.61738811 | Down-regulated |
| TRPM8 | −1.614493226 | 2.405861479 | −8.534739436 | 1.60E-16 | 1.29E-15 | 26.50450197 | Down-regulated |
| ODF3B | −1.024781865 | 4.436224125 | −8.495723127 | 2.14E-16 | 1.72E-15 | 26.21380983 | Down-regulated |
| ABCA13 | −1.157518556 | 2.83486751 | −8.492295243 | 2.20E-16 | 1.76E-15 | 26.18831816 | Down-regulated |
| STC1 | −1.328809305 | 3.692689494 | −8.475212634 | 2.50E-16 | 2.00E-15 | 26.06139776 | Down-regulated |
| CYP21A2 | −1.034320052 | 6.186285603 | −8.4657629 | 2.69E-16 | 2.13E-15 | 25.99127084 | Down-regulated |
| MXRA5 | −1.156457068 | 6.519966732 | −8.396127818 | 4.53E-16 | 3.52E-15 | 25.47632858 | Down-regulated |
| ESM1 | −1.464096151 | 2.867042996 | −8.391930522 | 4.67E-16 | 3.63E-15 | 25.44539299 | Down-regulated |
| C21orf62 | −1.310857867 | 7.547464397 | −8.362198172 | 5.84E-16 | 4.50E-15 | 25.22659069 | Down-regulated |
| HOXC4 | −1.335062727 | 4.088386965 | −8.350637548 | 6.36E-16 | 4.89E-15 | 25.1416745 | Down-regulated |
| CHST6 | −1.058827332 | 7.94879786 | −8.316931454 | 8.18E-16 | 6.21E-15 | 24.89460335 | Down-regulated |
| GJA1 | −1.069934066 | 12.80415409 | −8.302649018 | 9.09E-16 | 6.85E-15 | 24.79014031 | Down-regulated |
| EGR1 | −1.229337227 | 11.04320798 | −8.295222002 | 9.61E-16 | 7.23E-15 | 24.73587254 | Down-regulated |
| C1orf194 | −1.15955559 | 5.178312646 | −8.294025197 | 9.69E-16 | 7.29E-15 | 24.72713118 | Down-regulated |
| C3orf16 | −1.076245864 | 1.471050389 | −8.273500169 | 1.13E-15 | 8.44E-15 | 24.57736801 | Down-regulated |
| GNLY | −1.243276602 | 3.548675486 | −8.266885871 | 1.18E-15 | 8.83E-15 | 24.52916642 | Down-regulated |
| IL1B | −1.512618035 | 6.254575292 | −8.246976893 | 1.37E-15 | 1.02E-14 | 24.38425794 | Down-regulated |
| NPNT | −1.314929109 | 7.352667704 | −8.238462139 | 1.46E-15 | 1.08E-14 | 24.32236449 | Down-regulated |
| EVC2 | −1.191533869 | 3.439865953 | −8.222814061 | 1.64E-15 | 1.21E-14 | 24.20874685 | Down-regulated |
| COL5A1 | −1.292061431 | 6.182719844 | −8.19589246 | 2.00E-15 | 1.46E-14 | 24.01366198 | Down-regulated |
| FABP5 | −1.331067221 | 4.542701751 | −8.183655922 | 2.19E-15 | 1.59E-14 | 23.9251534 | Down-regulated |
| ISG15 | −1.003127904 | 8.700215953 | −8.181551095 | 2.22E-15 | 1.62E-14 | 23.90993913 | Down-regulated |
| C7orf57 | −1.471933242 | 2.620392023 | −8.170278994 | 2.41E-15 | 1.75E-14 | 23.82851249 | Down-regulated |
| PLA2G2A | −1.481966685 | 1.194814202 | −8.166062155 | 2.49E-15 | 1.81E-14 | 23.79807337 | Down-regulated |
| GCK | −1.071429139 | 4.912190078 | −8.162635707 | 2.55E-15 | 1.85E-14 | 23.77334855 | Down-regulated |
| ADAM12 | −1.138637115 | 5.451645914 | −8.135519807 | 3.11E-15 | 2.24E-14 | 23.57796548 | Down-regulated |
| SULF1 | −1.364891549 | 8.66479144 | −8.133505562 | 3.16E-15 | 2.27E-14 | 23.56347185 | Down-regulated |
| SPATA6 | −1.072438666 | 6.511767899 | −8.072167144 | 4.94E-15 | 3.50E-14 | 23.12343505 | Down-regulated |
| OSR2 | −1.332510574 | 1.920883658 | −8.054688874 | 5.61E-15 | 3.95E-14 | 22.99851908 | Down-regulated |
| TGM5 | −1.026164486 | 1.902459922 | −8.018873415 | 7.27E-15 | 5.08E-14 | 22.74320442 | Down-regulated |
| IBSP | −1.460452474 | 1.528948444 | −8.003827177 | 8.11E-15 | 5.64E-14 | 22.63620909 | Down-regulated |
| GSDMA | −1.0587792 | 2.327882685 | −7.995538882 | 8.61E-15 | 5.98E-14 | 22.5773369 | Down-regulated |
| SDC4 | −1.233187037 | 9.461364981 | −7.97110964 | 1.03E-14 | 7.09E-14 | 22.40409085 | Down-regulated |
| C14orf86 | −1.070758439 | 3.146123735 | −7.917353525 | 1.51E-14 | 1.03E-13 | 22.02432183 | Down-regulated |
| MMP7 | −1.347046227 | 2.139330545 | −7.90391703 | 1.66E-14 | 1.12E-13 | 21.92971107 | Down-regulated |
| XIRP1 | −1.083731937 | 3.396854475 | −7.865432973 | 2.19E-14 | 1.47E-13 | 21.65942849 | Down-regulated |
| IGJ | −1.200798574 | 2.425819455 | −7.860743026 | 2.26E-14 | 1.51E-13 | 21.62656058 | Down-regulated |
| LIPG | −1.04436266 | 7.031229961 | −7.825443302 | 2.91E-14 | 1.92E-13 | 21.37966818 | Down-regulated |
| SCN7A | −1.533886707 | 4.321992412 | −7.817867573 | 3.07E-14 | 2.03E-13 | 21.32679602 | Down-regulated |
| C8orf34 | −1.237432413 | 4.634692412 | −7.75235006 | 4.88E-14 | 3.16E-13 | 20.87122271 | Down-regulated |
| MAOB | −1.472117351 | 9.924384436 | −7.738549369 | 5.38E-14 | 3.48E-13 | 20.77564594 | Down-regulated |
| TCTEX1D1 | −1.451621324 | 3.657034047 | −7.683473752 | 7.92E-14 | 5.03E-13 | 20.39556161 | Down-regulated |
| CHRNA9 | −1.142380217 | 1.869414591 | −7.677232319 | 8.27E-14 | 5.24E-13 | 20.35262433 | Down-regulated |
| FAP | −1.062248365 | 4.340151751 | −7.647408726 | 1.02E-13 | 6.42E-13 | 20.14783852 | Down-regulated |
| ANGPT1 | −1.024749325 | 6.256355447 | −7.611552173 | 1.31E-13 | 8.14E-13 | 19.90246607 | Down-regulated |
| C10orf105 | −1.217668505 | 5.861716148 | −7.608258607 | 1.34E-13 | 8.31E-13 | 19.87997367 | Down-regulated |
| WDR63 | −1.120457298 | 2.541367121 | −7.60014177 | 1.42E-13 | 8.78E-13 | 19.82457534 | Down-regulated |
| GDF15 | −1.231598071 | 3.711143969 | −7.536063572 | 2.21E-13 | 1.34E-12 | 19.38889187 | Down-regulated |
| TSHZ2 | −1.00780932 | 4.606513035 | −7.534236126 | 2.23E-13 | 1.36E-12 | 19.37650986 | Down-regulated |
| HOXA10 | −1.760187833 | 2.680987938 | −7.511808223 | 2.61E-13 | 1.57E-12 | 19.22474356 | Down-regulated |
| TTC12 | −1.020332161 | 4.756352335 | −7.500201108 | 2.82E-13 | 1.69E-12 | 19.14634228 | Down-regulated |
| IRX5 | −1.274159057 | 2.742190078 | −7.459143987 | 3.74E-13 | 2.21E-12 | 18.86979915 | Down-regulated |
| THBS1 | −1.140584953 | 6.942352529 | −7.458813717 | 3.75E-13 | 2.22E-12 | 18.86757953 | Down-regulated |
| ACP5 | −1.034344834 | 4.904851167 | −7.414097287 | 5.09E-13 | 2.98E-12 | 18.56778847 | Down-regulated |
| AEBP1 | −1.289586346 | 10.36276342 | −7.392842995 | 5.89E-13 | 3.42E-12 | 18.42580324 | Down-regulated |
| ANKRD35 | −1.07656839 | 6.92990642 | −7.380617141 | 6.40E-13 | 3.70E-12 | 18.34427977 | Down-regulated |
| FOXD1 | −1.019072777 | 6.618180739 | −7.37387542 | 6.69E-13 | 3.87E-12 | 18.29937176 | Down-regulated |
| SIGLEC1 | −1.023645606 | 6.649481128 | −7.367612408 | 6.99E-13 | 4.03E-12 | 18.25768225 | Down-regulated |
| FAM183A | −1.132876111 | 1.030573735 | −7.362887701 | 7.21E-13 | 4.15E-12 | 18.22625134 | Down-regulated |
| CLIC6 | −1.040131068 | 2.429381323 | −7.360135035 | 7.35E-13 | 4.23E-12 | 18.20794686 | Down-regulated |
| COL27A1 | −1.025203734 | 5.951514786 | −7.354912412 | 7.61E-13 | 4.38E-12 | 18.17323306 | Down-regulated |
| YSK4 | −1.378313899 | 2.680495525 | −7.354729647 | 7.62E-13 | 4.38E-12 | 18.17201861 | Down-regulated |
| OGN | −1.067075584 | 4.793213424 | −7.352718071 | 7.73E-13 | 4.44E-12 | 18.15865363 | Down-regulated |
| SCGB1D2 | −1.085035974 | 1.639288327 | −7.351428961 | 7.79E-13 | 4.47E-12 | 18.15009029 | Down-regulated |
| SLN | −1.512941376 | 4.320826654 | −7.349574307 | 7.89E-13 | 4.53E-12 | 18.13777226 | Down-regulated |
| IGFBP2 | −1.197841679 | 8.467974708 | −7.299561091 | 1.11E-12 | 6.26E-12 | 17.80654961 | Down-regulated |
| CCDC19 | −1.105190461 | 1.833275875 | −7.289599844 | 1.18E-12 | 6.67E-12 | 17.74079824 | Down-regulated |
| GALNT5 | −1.059462361 | 1.03964786 | −7.289432766 | 1.18E-12 | 6.67E-12 | 17.73969602 | Down-regulated |
| MMP9 | −1.411779167 | 3.157723735 | −7.284055777 | 1.23E-12 | 6.90E-12 | 17.70423499 | Down-regulated |
| NLRP4 | −1.082118093 | 2.27798035 | −7.266925869 | 1.38E-12 | 7.70E-12 | 17.59140564 | Down-regulated |
| HTRA3 | −1.011073577 | 4.183562451 | −7.245419445 | 1.59E-12 | 8.84E-12 | 17.45005535 | Down-regulated |
| TNF | −1.241827435 | 4.738990661 | −7.242939866 | 1.62E-12 | 8.98E-12 | 17.43378031 | Down-regulated |
| HOXA4 | −1.372051768 | 1.592067121 | −7.202453199 | 2.12E-12 | 1.16E-11 | 17.1686829 | Down-regulated |
| MAP1LC3C | −1.030812476 | 1.872302335 | −7.199517933 | 2.16E-12 | 1.19E-11 | 17.14951056 | Down-regulated |
| FAM81B | −1.250094792 | 1.674751362 | −7.193375211 | 2.25E-12 | 1.23E-11 | 17.10940864 | Down-regulated |
| DDR2 | −1.100048961 | 7.136548638 | −7.14200981 | 3.17E-12 | 1.71E-11 | 16.7751717 | Down-regulated |
| KCNK5 | −1.00045162 | 2.10556323 | −7.133543587 | 3.35E-12 | 1.80E-11 | 16.72026973 | Down-regulated |
| IGF2BP2 | −1.172157434 | 4.005500195 | −7.114265489 | 3.80E-12 | 2.03E-11 | 16.59545371 | Down-regulated |
| ADAMTS15 | −1.164526784 | 5.05292393 | −7.109238739 | 3.93E-12 | 2.10E-11 | 16.56295353 | Down-regulated |
| DSG2 | −1.28706217 | 2.324715175 | −7.071153084 | 5.05E-12 | 2.66E-11 | 16.31732552 | Down-regulated |
| CLEC9A | −1.109234802 | 5.036735992 | −7.041723129 | 6.13E-12 | 3.21E-11 | 16.12826409 | Down-regulated |
| POSTN | −1.817604258 | 3.129039105 | −6.989241129 | 8.63E-12 | 4.45E-11 | 15.79272613 | Down-regulated |
| C9orf44 | −1.147250312 | 1.208866926 | −6.957578588 | 1.06E-11 | 5.41E-11 | 15.59129748 | Down-regulated |
| AQP1 | −1.260652919 | 12.12575253 | −6.921024234 | 1.34E-11 | 6.79E-11 | 15.35968962 | Down-regulated |
| CXorf64 | −1.000049761 | 2.637401362 | −6.902231952 | 1.52E-11 | 7.62E-11 | 15.24101548 | Down-regulated |
| MFAP2 | −1.155856768 | 3.544254086 | −6.901945422 | 1.52E-11 | 7.63E-11 | 15.2392081 | Down-regulated |
| TFPI | −1.025759393 | 7.140113619 | −6.90130931 | 1.53E-11 | 7.66E-11 | 15.23519585 | Down-regulated |
| RARRES2 | −1.190299664 | 5.779008949 | −6.849529468 | 2.13E-11 | 1.05E-10 | 14.90962638 | Down-regulated |
| PDGFD | −1.150549509 | 5.347826459 | −6.819027608 | 2.58E-11 | 1.26E-10 | 14.71879853 | Down-regulated |
| CCL19 | −1.092495618 | 3.335438521 | −6.805265276 | 2.82E-11 | 1.37E-10 | 14.63293 | Down-regulated |
| HCG22 | −1.055774261 | 4.715461479 | −6.746645904 | 4.09E-11 | 1.96E-10 | 14.26880354 | Down-regulated |
| TFCP2L1 | −1.189525594 | 6.000425486 | −6.730540909 | 4.53E-11 | 2.16E-10 | 14.16922526 | Down-regulated |
| TKTL1 | −1.018147738 | 4.617646498 | −6.718828869 | 4.88E-11 | 2.32E-10 | 14.09693407 | Down-regulated |
| WISP1 | −1.041293281 | 3.2535393 | −6.692003669 | 5.78E-11 | 2.72E-10 | 13.93175636 | Down-regulated |
| OTOS | −1.112565543 | 2.197642218 | −6.66043454 | 7.04E-11 | 3.28E-10 | 13.73807806 | Down-regulated |
| TEKT1 | −1.119512194 | 3.045711089 | −6.577132939 | 1.18E-10 | 5.40E-10 | 13.23071923 | Down-regulated |
| HOXA7 | −1.602676905 | 2.272285798 | −6.562458024 | 1.30E-10 | 5.88E-10 | 13.14189774 | Down-regulated |
| SAA1 | −1.016398095 | 0.946322179 | −6.545519983 | 1.44E-10 | 6.51E-10 | 13.03958684 | Down-regulated |
| F2RL2 | −1.023102798 | 3.313780934 | −6.42153222 | 3.08E-10 | 1.35E-09 | 12.29748963 | Down-regulated |
| AQP7P1 | −1.112542496 | 3.217203696 | −6.417221147 | 3.16E-10 | 1.38E-09 | 12.27190368 | Down-regulated |
| PDLIM4 | −1.068729524 | 6.040285409 | −6.32892092 | 5.39E-10 | 2.29E-09 | 11.75107073 | Down-regulated |
| VAV3 | −1.096451693 | 5.073490661 | −6.320751849 | 5.66E-10 | 2.40E-09 | 11.70319743 | Down-regulated |
| CES1 | −1.04300688 | 2.995045136 | −6.296350913 | 6.55E-10 | 2.76E-09 | 11.56051533 | Down-regulated |
| STAC | −1.157785971 | 3.082355253 | −6.275607785 | 7.41E-10 | 3.11E-09 | 11.43959352 | Down-regulated |
| PGA3 | −1.134586501 | 3.258342023 | −6.271588658 | 7.59E-10 | 3.18E-09 | 11.41620362 | Down-regulated |
| HOXA13 | −1.2371578 | 2.029629572 | −6.223286322 | 1.01E-09 | 4.17E-09 | 11.13610683 | Down-regulated |
| C1orf158 | −1.033764674 | 1.520050584 | −6.222804613 | 1.02E-09 | 4.18E-09 | 11.13332285 | Down-regulated |
| HOXC10 | −1.186204527 | 1.29537607 | −6.181980373 | 1.29E-09 | 5.27E-09 | 10.89805735 | Down-regulated |
| HAND2 | −1.252363172 | 2.180068872 | −6.147874457 | 1.58E-09 | 6.39E-09 | 10.70253124 | Down-regulated |
| HOXA5 | −1.133630526 | 1.359932879 | −6.096270392 | 2.14E-09 | 8.49E-09 | 10.40846469 | Down-regulated |
| SHOX2 | −1.354247226 | 2.314616148 | −6.066218776 | 2.54E-09 | 1.00E-08 | 10.23820249 | Down-regulated |
| HOXA11 | −1.213370234 | 1.840535603 | −6.064753151 | 2.57E-09 | 1.01E-08 | 10.22991738 | Down-regulated |
| CCL4 | −1.214893178 | 6.920590272 | −6.040424238 | 2.95E-09 | 1.16E-08 | 10.09264052 | Down-regulated |
| PITX1 | −1.009258818 | 2.693655447 | −5.9805258 | 4.17E-09 | 1.61E-08 | 9.756701876 | Down-regulated |
| PLA2G5 | −1.122040131 | 5.46712607 | −5.874252214 | 7.64E-09 | 2.87E-08 | 9.167844026 | Down-regulated |
| AQP5 | −1.183004218 | 2.371559533 | −5.806774125 | 1.12E-08 | 4.11E-08 | 8.798739118 | Down-regulated |
| FOXD3 | −1.028194504 | 2.714756615 | −5.728443004 | 1.73E-08 | 6.23E-08 | 8.37495947 | Down-regulated |
| CCL3 | −1.117439141 | 7.603744358 | −5.566347534 | 4.20E-08 | 1.45E-07 | 7.514122748 | Down-regulated |
| HOXA3 | −1.055925581 | 1.304067121 | −5.513813611 | 5.57E-08 | 1.90E-07 | 7.239824732 | Down-regulated |
| LOC100271831 | −1.097478276 | 3.201776654 | −5.443083963 | 8.13E-08 | 2.72E-07 | 6.874171208 | Down-regulated |
| EN1 | −1.135778282 | 2.406850389 | −5.229707015 | 2.48E-07 | 7.84E-07 | 5.796633359 | Down-regulated |
| DMRTA2 | −1.000344392 | 3.378591829 | −5.008743449 | 7.55E-07 | 2.26E-06 | 4.72167555 | Down-regulated |
| CCL4L2 | −1.014706135 | 6.477385798 | −4.839974027 | 1.72E-06 | 4.94E-06 | 3.928996394 | Down-regulated |
| DES | −1.005391461 | 3.153703307 | −4.771891511 | 2.38E-06 | 6.73E-06 | 3.616239466 | Down-regulated |
| H19 | −1.11855985 | 4.512885409 | −4.72577361 | 2.96E-06 | 8.26E-06 | 3.406686426 | Down-regulated |
| HOXD9 | −1.017062182 | 2.382088327 | −4.657640799 | 4.08E-06 | 1.12E-05 | 3.100516117 | Down-regulated |
| LGR6 | −1.103995458 | 4.138131518 | −4.634868565 | 4.54E-06 | 1.24E-05 | 2.999094404 | Down-regulated |
| EMILIN3 | −1.035172032 | 6.017907782 | −4.537119281 | 7.11E-06 | 1.89E-05 | 2.568943264 | Down-regulated |
| CCL3L1 | −1.014061579 | 5.544709922 | −4.421574393 | 1.20E-05 | 3.10E-05 | 2.071403446 | Down-regulated |
| MOXD1 | −1.045538009 | 5.659 | −4.281768603 | 2.21E-05 | 5.54E-05 | 1.485313072 | Down-regulated |