**Supplementary Table 6: DEGs during adipogenesis from GSE80614. (Adjust p-value <=0.05, |logFC|>1.**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| GENE | logFC | | | adj.P.Val | | P.Value | | | t | | | B | |
| HSD11B1 | 5.861248 | | | 1.69E-08 | | 3.47E-13 | | | 160.8472 | | | 16.96403 | |
| MAOA | 5.814996 | | | 3.90E-07 | | 2.40E-10 | | | 60.10634 | | | 14.19154 | |
| ADH1A | 5.750115 | | | 2.07E-07 | | 8.89E-11 | | | 69.80098 | | | 14.8345 | |
| FABP4 | 5.710834 | | | 1.45E-06 | | 1.72E-09 | | | 44.67263 | | | 12.68149 | |
| CFD | 5.609211 | | | 4.95E-07 | | 3.55E-10 | | | 56.65815 | | | 13.91483 | |
| CIDEC | 5.504896 | | | 3.79E-08 | | 3.88E-12 | | | 111.8321 | | | 16.31516 | |
| LPL | 5.346442 | | | 2.61E-07 | | 1.28E-10 | | | 66.04623 | | | 14.6065 | |
| IGFBP2 | 5.164513 | | | 1.17E-05 | | 5.84E-08 | | | 26.21203 | | | 9.36989 | |
| PLIN1 | 4.755945 | | | 3.79E-08 | | 2.12E-12 | | | 122.528 | | | 16.51304 | |
| G0S2 | 4.708962 | | | 2.31E-06 | | 3.36E-09 | | | 40.37073 | | | 12.10325 | |
| CEBPA | 4.6977 | | | 3.79E-08 | | 2.49E-12 | | | 119.5739 | | | 16.46269 | |
| VCAM1 | 4.601748 | | | 5.36E-08 | | 6.58E-12 | | | 103.2895 | | | 16.12124 | |
| TIMP4 | 4.593743 | | | 2.27E-07 | | 1.02E-10 | | | 68.33632 | | | 14.74842 | |
| ACACB | 4.266389 | | | 1.36E-07 | | 5.00E-11 | | | 76.12145 | | | 15.1686 | |
| LEPR | 4.215336 | | | 4.08E-06 | | 8.44E-09 | | | 35.12622 | | | 11.26481 | |
| FKBP5 | 4.117188 | | | 5.84E-07 | | 5.00E-10 | | | 53.81619 | | | 13.66373 | |
| S1PR3 | 4.028616 | | | 3.79E-08 | | 3.66E-12 | | | 112.8538 | | | 16.33603 | |
| FABP5 | 3.880416 | | | 6.88E-06 | | 2.38E-08 | | | 30.02838 | | | 10.26875 | |
| COL11A1 | 3.874177 | | | 1.68E-05 | | 9.89E-08 | | | 24.19822 | | | 8.828895 | |
| PPP1R14A 3.861178 | | | | 2.64E-06 | | 4.06E-09 | | | 39.22852 | | | 11.93426 | |
| MME | | 3.852541 | | 8.51E-08 | | 2.00E-11 | | | 87.40295 | | | 15.64238 | |
| PPARG | | 3.819079 | | 4.47E-07 | | 3.02E-10 | | | 58.05821 | | | 14.03068 | |
| GPX3 | | 3.644466 | | 7.16E-06 | | 2.63E-08 | | | 29.58755 | | | 10.17239 | |
| ACTG2 | | 3.587488 | | 1.38E-06 | | 1.56E-09 | | | 45.31008 | | | 12.76005 | |
| C1QTNF1 | | 3.506042 | | 4.00E-06 | | 8.11E-09 | | | 35.34199 | | | 11.30268 | |
| HP | | 3.45764 | | 4.47E-07 | | 3.01E-10 | | | 58.08373 | | | 14.03275 | |
| FAM89A | | 3.400066 | | 2.07E-07 | | 8.48E-11 | | | 70.2984 | | | 14.86294 | |
| RAP2A | | 3.395101 | | 6.06E-06 | | 1.85E-08 | | | 31.19093 | | | 10.51443 | |
| IGFBP5 | | 3.388271 | | 6.75E-06 | | 2.26E-08 | | | 30.26591 | | | 10.31992 | |
| MMD | | 3.361086 | | 3.45E-06 | | 6.34E-09 | | | 36.68463 | | | 11.53138 | |
| SLC7A10 | | 3.320838 | | 1.66E-05 | | 9.61E-08 | | | 24.30298 | | | 8.858334 | |
| SUSD2 | | 3.300632 | | 5.57E-06 | | 1.52E-08 | | | 32.15205 | | | 10.7088 | |
| ALPL | | 3.300117 | | 2.60E-06 | | 3.94E-09 | | | 39.41973 | | | 11.96304 | |
| FMO3 | | 3.238929 | | 4.63E-06 | | 1.04E-08 | | | 34.02033 | | | 11.06567 | |
| GPD1L | | 3.22388 | | 1.34E-06 | | 1.45E-09 | | | 45.82361 | | | 12.82211 | |
| MYH11 | | 3.220928 | | 4.34E-06 | | 9.38E-09 | | | 34.57453 | | | 11.16654 | |
| ANGPT1 | | 3.186043 | | 8.51E-08 | | 2.19E-11 | | | 86.18681 | | | 15.59761 | |
| OLFML3 | | 3.18234 | | 3.23E-07 | | 1.92E-10 | | | 62.15501 | | | 14.34288 | |
| RASD1 | | 3.173052 | | 1.82E-05 | | 1.13E-07 | | | 23.72693 | | | 8.694587 | |
| COMP | | 3.156869 | | 5.23E-05 | | 5.08E-07 | | | 18.85709 | | | 7.098363 | |
| ZBTB16 | | 3.156474 | | 6.38E-05 | | 7.00E-07 | | | 17.95263 | | | 6.751772 | |
| APOE | | 3.136106 | | 4.68E-05 | | 4.38E-07 | | | 19.2919 | | | 7.258628 | |
| FZD4 | | 3.110775 | | 9.90E-07 | | 9.74E-10 | | | 48.66511 | | | 13.14681 | |
| IGF2 | | 3.105265 | | 0.000185 | | 3.14E-06 | | | 14.24992 | | | 5.110444 | |
| BRINP1 | | 3.088742 | | 1.28E-05 | | 6.62E-08 | | | 25.71921 | | | 9.242187 | |
| TMEM64 | | 3.016803 | | 6.06E-06 | | 1.85E-08 | | | 31.2057 | | | 10.51748 | |
| SRPX | | 3.006871 | | 1.88E-05 | | 1.18E-07 | | | 23.56345 | | | 8.647272 | |
| SCD | | 2.987187 | | 2.72E-07 | | 1.45E-10 | | | 64.8606 | | | 14.5293 | |
| AKR1C2 | | 2.983455 | | | 4.02E-05 | | | 3.51E-07 | | 19.95374 | | | 7.495134 |
| STOM | | 2.929978 | | | 0.000299 | | | 6.19E-06 | | 12.82738 | | | 4.36063 |
| DHRS3 | | 2.919394 | | | 1.17E-05 | | | 5.85E-08 | | 26.20484 | | | 9.368048 |
| GHR | | 2.910961 | | | 1.43E-05 | | | 7.83E-08 | | 25.06969 | | | 9.069338 |
| C10orf54 | | 2.866873 | | | 6.91E-06 | | | 2.42E-08 | | 29.95485 | | | 10.2528 |
| CAT | | 2.863433 | | | 8.21E-06 | | | 3.11E-08 | | 28.83737 | | | 10.00419 |
| GAS1 | | 2.861135 | | | 4.13E-06 | | | 8.62E-09 | | 35.01592 | | | 11.24533 |
| SVEP1 | | 2.856942 | | | 0.000144 | | | 2.23E-06 | | 15.02099 | | | 5.486029 |
| DDIT4L | | 2.839509 | | | 2.23E-05 | | | 1.51E-07 | | 22.68407 | | | 8.38605 |
| PCSK5 | | 2.819867 | | | 9.59E-06 | | | 4.05E-08 | | 27.71031 | | | 9.740948 |
| PLA2G16 | | 2.79196 | | | 6.06E-06 | | | 1.88E-08 | | 31.13445 | | | 10.50277 |
| PLPP1 | | 2.776749 | | | 1.46E-05 | | | 8.13E-08 | | 24.92767 | | | 9.030833 |
| TSC22D3 | | 2.758899 | | | 3.91E-06 | | | 7.86E-09 | | 35.50893 | | | 11.33176 |
| MRAP | | 2.726691 | | | 4.84E-06 | | | 1.16E-08 | | 33.46489 | | | 10.96234 |
| ADH1B | | 2.679752 | | | 2.20E-06 | | | 3.11E-09 | | 40.85109 | | | 12.17226 |
| MARC1 | | 2.67059 | | | 4.84E-06 | | | 1.17E-08 | | 33.4327 | | | 10.95628 |
| ADAMTS9 | | 2.663165 | | | 2.65E-05 | | | 1.96E-07 | | 21.80727 | | | 8.113761 |
| C10orf10 | | 2.638188 | | | 0.000121 | | | 1.74E-06 | | 15.60647 | | | 5.758289 |
| SLC19A3 | | 2.637071 | | | 9.07E-06 | | | 3.69E-08 | | 28.09973 | | | 9.83338 |
| CES1 | | 2.60876 | | | 3.06E-05 | | | 2.41E-07 | | 21.13394 | | | 7.896087 |
| SLC40A1 | | 2.579722 | | | 0.000292 | | | 5.97E-06 | | 12.8979 | | | 4.399703 |
| FHL1 | | 2.576744 | | | 5.48E-05 | | | 5.61E-07 | | 18.57066 | | | 6.990581 |
| CHI3L2 | | 2.564239 | | | 5.49E-06 | | | 1.44E-08 | | 32.40407 | | | 10.75852 |
| EPHX1 | | 2.546683 | | | 1.07E-05 | | | 4.73E-08 | | 27.05996 | | | 9.582962 |
| SAA1 | | 2.545408 | | | 2.29E-07 | | | 1.08E-10 | | 67.7764 | | | 14.71456 |
| PNPLA2 | | 2.514871 | | | 0.00036 | | | 7.98E-06 | | 12.32816 | | | 4.077886 |
| TSPAN18 | | 2.510316 | | | 0.000179 | | | 3.01E-06 | | 14.34488 | | | 5.1578 |
| CD36 | | 2.507092 | | | 2.81E-07 | | | 1.61E-10 | | 63.82946 | | | 14.45998 |
| ALDH4A1 | | 2.48697 | | | 1.15E-05 | | | 5.38E-08 | | 26.54274 | | | 9.453973 |
| CRISPLD2 | | 2.486517 | | | 1.78E-05 | | | 1.08E-07 | | 23.89043 | | | 8.741531 |
| ANGPTL2 | | 2.474024 | | | 9.62E-05 | | | 1.29E-06 | | 16.34761 | | | 6.088176 |
| PGD | | 2.455015 | | | 0.001421 | | | 4.98E-05 | | 9.225152 | | | 2.030338 |
| ACKR3 | | 2.443302 | | | 6.75E-06 | | | 2.19E-08 | | 30.41642 | | | 10.35209 |
| TNMD | | 2.426016 | | | 4.49E-05 | | | 4.15E-07 | | 19.44573 | | | 7.314382 |
| RETSAT | | 2.387088 | | | 0.000768 | | | 2.19E-05 | | 10.52094 | | | 2.953254 |
| ALDH1L1 | | 2.373151 | | | 5.04E-06 | | | 1.24E-08 | | 33.14498 | | | 10.90178 |
| SULF2 | | 2.353721 | | | 6.75E-06 | | | 2.29E-08 | | 30.21219 | | | 10.30839 |
| AGTR1 | | 2.346739 | | | 1.05E-05 | | | 4.55E-08 | | 27.21895 | | | 9.62201 |
| CDO1 | | 2.342982 | | | 3.05E-05 | | | 2.38E-07 | | 21.17279 | | | 7.908859 |
| LEP | | 2.329178 | | | 1.99E-05 | | | 1.29E-07 | | 23.25079 | | | 8.555704 |
| LMOD1 | | 2.324681 | | | 1.53E-05 | | | 8.62E-08 | | 24.70648 | | | 8.970345 |
| CXCL8 | | 2.321243 | | | 8.42E-06 | | | 3.24E-08 | | 28.66539 | | | 9.964857 |
| ACSL1 | | 2.319289 | | | 0.000291 | | | 5.92E-06 | | 12.91705 | | | 4.410274 |
| SLC2A12 | | 2.314519 | | | 7.67E-07 | | | 7.23E-10 | | 50.9012 | | | 13.38177 |
| NPR3 | | 2.29171 | | | 5.64E-05 | | | 5.83E-07 | | 18.46619 | | | 6.950818 |
| APCDD1 | | 2.27546 | | | 3.75E-06 | | | 7.20E-09 | | 35.97986 | | | 11.41279 |
| LRRC8B | | 2.266762 | | | 4.64E-06 | | | 1.06E-08 | | 33.96305 | | | 11.05512 |
| TRNP1 | | 2.246331 | | | 0.000112 | | | 1.56E-06 | | 15.87638 | | | 5.880276 |
| VMO1 | | 2.233347 | | | 2.22E-06 | | | 3.18E-09 | | 40.70431 | | | 12.1513 |
| HNMT | | 2.231704 | | | 8.93E-06 | | | 3.59E-08 | | 28.22255 | | | 9.862204 |
| GPC4 | | 2.230212 | | | 0.000297 | | | 6.10E-06 | | 12.85634 | | | 4.376703 |
| GLIS3 | | 2.225693 | | | 0.000238 | | | 4.52E-06 | | 13.46857 | | | 4.708337 |
| BBOX1 | | 2.224787 | | | 4.74E-06 | | | 1.11E-08 | | 33.71856 | | | 11.00981 |
| C1R | | 2.216215 | | | 7.81E-05 | | | 9.60E-07 | | 17.10549 | | | 6.409727 |
| ATP1A2 | | 2.21561 | | | 9.99E-06 | | | 4.30E-08 | | 27.45638 | | | 9.679807 |
| TUBB2B | | 2.20359 | | | 5.30E-06 | | | 1.36E-08 | | 32.69286 | | | 10.81487 |
| FAM134B | | 2.1919 | | | 2.71E-06 | | | 4.28E-09 | | 38.92698 | | | 11.88846 |
| GLDN | | 2.191461 | | | 1.29E-06 | | | 1.38E-09 | | 46.18237 | | | 12.86483 |
| SPON1 | | 2.188951 | | | 1.67E-05 | | | 9.76E-08 | | 24.24615 | | | 8.842382 |
| PDK4 | | 2.180187 | | | 5.57E-06 | | | 1.50E-08 | | 32.19766 | | | 10.71784 |
| KITLG | | 2.1609 | | | 0.001751 | | | 6.57E-05 | | 8.824014 | | | 1.721032 |
| CRYAB | | 2.159428 | | | 8.69E-07 | | | 8.36E-10 | | 49.79541 | | | 13.26772 |
| FOXO1 | | 2.151026 | | | 1.45E-05 | | | 7.97E-08 | | 25.00144 | | | 9.050866 |
| RGS2 | | 2.146059 | | | 0.000116 | | | 1.65E-06 | | 15.74656 | | | 5.821874 |
| PAPPA | | 2.130659 | | | 1.05E-05 | | | 4.57E-08 | | 27.20541 | | | 9.618697 |
| SORT1 | | 2.114467 | | | 8.67E-05 | | | 1.10E-06 | | 16.74148 | | | 6.257201 |
| CITED4 | | 2.09913 | | | 0.000165 | | | 2.70E-06 | | 14.59049 | | | 5.278819 |
| VCAN | | 2.094093 | | | 2.27E-05 | | | 1.55E-07 | | 22.6041 | | | 8.361719 |
| ACTA2 | | 2.084315 | | | 1.17E-05 | | | 5.80E-08 | | 26.23904 | | | 9.376805 |
| CNN1 | | 2.07215 | | | 1.09E-05 | | | 4.87E-08 | | 26.94064 | | | 9.553472 |
| FASN | | 2.070062 | | | 3.77E-05 | | | 3.23E-07 | | 20.21109 | | | 7.58477 |
| SH3PXD2A 2.064261 | | | | | 1.75E-05 | | | 1.05E-07 | | 23.96689 | | | 8.763358 |
| CYB5A | | 2.062799 | | | 1.17E-05 | | | 5.83E-08 | | 26.2186 | | | 9.371572 |
| TNFRSF21 | | 2.055996 | | | 9.98E-05 | | | 1.35E-06 | | 16.23665 | | | 6.039789 |
| SSBP2 | | 2.055634 | | | 3.84E-06 | | | 7.64E-09 | | 35.66362 | | | 11.35854 |
| SERPINF1 | | 2.047217 | | | 5.28E-05 | | | 5.16E-07 | | 18.81267 | | | 7.081765 |
| SERPING1 | | 2.027424 | | | 0.000291 | | | 5.92E-06 | | 12.9142 | | | 4.408703 |
| SEPT4 | | 2.026271 | | | 3.72E-06 | | | 6.94E-09 | | 36.18276 | | | 11.44726 |
| CD302 | | 2.020051 | | | 0.000113 | | | 1.58E-06 | | 15.84855 | | | 5.867799 |
| STAT5A | | 2.018268 | | | 0.00067 | | | 1.82E-05 | | 10.8298 | | | 3.157789 |
| WFDC1 | | 2.011713 | | | 4.34E-06 | | | 9.43E-09 | | 34.54755 | | | 11.16168 |
| RGCC | | 2.010449 | | | 6.75E-06 | | | 2.30E-08 | | 30.1777 | | | 10.30098 |
| FOXC1 | | 2.002106 | | | 1.24E-05 | | | 6.31E-08 | | 25.90529 | | | 9.290748 |
| INSIG1 | | 1.98832 | | | 0.000142 | | | 2.19E-06 | | 15.06755 | | | 5.508076 |
| AOX1 | | 1.984141 | | | 6.45E-05 | | | 7.14E-07 | | 17.9006 | | | 6.731262 |
| LBP | | 1.969582 | | | 7.88E-05 | | | 9.75E-07 | | 17.06532 | | | 6.393065 |
| SPTSSA | | 1.960582 | | | 4.34E-06 | | | 9.33E-09 | | 34.60183 | | | 11.17145 |
| HLA-DMA | | 1.959529 | | | 0.000513 | | | 1.28E-05 | | 11.44494 | | | 3.549362 |
| PECR | | 1.9539 | | | 5.84E-07 | | | 5.01E-10 | | 53.79355 | | | 13.66164 |
| PPM1L | | 1.949228 | | | 1.38E-06 | | | 1.59E-09 | | 45.21263 | | | 12.74815 |
| GCHFR | | 1.946389 | | | 2.50E-05 | | | 1.80E-07 | | 22.0832 | | | 8.200778 |
| ALDH1A3 | | 1.942623 | | | 5.20E-05 | | | 5.04E-07 | | 18.87748 | | | 7.10597 |
| SFRP1 | | 1.935782 | | | 7.05E-05 | | | 8.25E-07 | | 17.50859 | | | 6.574683 |
| PIK3R1 | | 1.933778 | | | 0.000192 | | | 3.30E-06 | | 14.14472 | | | 5.057612 |
| CSAD | | 1.929793 | | | 0.00037 | | | 8.37E-06 | | 12.23603 | | | 4.024488 |
| IDH1 | | 1.925448 | | | 3.11E-05 | | | 2.48E-07 | | 21.03639 | | | 7.863904 |
| TSKU | | 1.911662 | | | 0.000391 | | | 8.96E-06 | | 12.10715 | | | 3.949133 |
| NDNF | | 1.90921 | | | 0.000105 | | | 1.43E-06 | | 16.09513 | | | 5.977576 |
| EDNRB | | 1.906295 | | | 9.07E-06 | | | 3.70E-08 | | 28.09133 | | | 9.831403 |
| HLA-DRA | | 1.898487 | | | 2.73E-06 | | | 4.42E-09 | | 38.73592 | | | 11.85918 |
| CDKN2C 1.892306 | | | | | 7.23E-05 | | 8.64E-07 | | | 17.3835 | | | 6.523929 |
| KLF9 1.888247 | | | | | 1.98E-05 | | 1.27E-07 | | | 23.28229 | | | 8.564994 |
| EPAS1 1.880841 | | | | | 0.000105 | | 1.44E-06 | | | 16.08061 | | | 5.971158 |
| ITGA1 1.880601 | | | | | 8.42E-06 | | 3.26E-08 | | | 28.62994 | | | 9.956712 |
| NFKBIA 1.87606 | | | | | 2.95E-05 | | 2.25E-07 | | | 21.35177 | | | 7.967352 |
| DHCR24 1.870087 | | | | | 1.47E-05 | | 8.25E-08 | | | 24.87296 | | | 9.01593 |
| AMPH 1.866022 | | | | | 0.000214 | | 3.83E-06 | | | 13.81714 | | | 4.890534 |
| ECM2 1.849096 | | | | | 3.70E-05 | | 3.16E-07 | | | 20.27682 | | | 7.607465 |
| DCXR 1.84903 | | | | | 0.000408 | | 9.51E-06 | | | 11.99371 | | | 3.882163 |
| CDC42EP4 1.848732 | | | | | 0.000112 | | 1.57E-06 | | | 15.86573 | | | 5.875503 |
| COL8A2 1.846406 | | | | | 6.91E-07 | | 6.09E-10 | | | 52.23676 | | | 13.51421 |
| DDIT4 1.845605 | | | | | 0.00013 | | 1.93E-06 | | | 15.36454 | | | 5.647082 |
| RBP4 1.842311 | | | | | 1.63E-05 | | 9.32E-08 | | | 24.41702 | | | 8.890211 |
| RASL11B 1.842019 | | | | | 2.90E-06 | | 4.93E-09 | | | 38.10323 | | | 11.76073 |
| CFAP69 1.83118 | | | | | 8.63E-05 | | 1.09E-06 | | | 16.76809 | | | 6.268468 |
| REV3L 1.827147 | | | | | 2.32E-05 | | 1.61E-07 | | | 22.47866 | | | 8.323353 |
| RPS29 1.826379 | | | | | 6.44E-05 | | 7.10E-07 | | | 17.91474 | | | 6.736843 |
| GPD1 1.818416 | | | | | 1.47E-06 | | 1.80E-09 | | | 44.34996 | | | 12.64106 |
| IFNGR1 1.816991 | | | | | 6.56E-05 | | 7.33E-07 | | | 17.82629 | | | 6.701864 |
| PCDH18 1.809182 | | | | | 0.000833 | | 2.44E-05 | | | 10.3363 | | | 2.828302 |
| LEPROT 1.796077 | | | | | 4.81E-05 | | 4.57E-07 | | | 19.16616 | | | 7.21269 |
| ALDH2 1.786474 | | | | | 1.23E-05 | | 6.27E-08 | | | 25.93237 | | | 9.297782 |
| LGMN 1.783716 | | | | | 4.38E-05 | | 3.94E-07 | | | 19.60348 | | | 7.37106 |
| FBN2 1.755948 | | | | | 0.000132 | | 1.96E-06 | | | 15.32558 | | | 5.629005 |
| MARCKSL1 1.753482 | | | | | 4.90E-05 | | 4.66E-07 | | | 19.10722 | | | 7.191043 |
| WASF3 1.744709 | | | | | 6.57E-05 | | 7.38E-07 | | | 17.80889 | | | 6.694963 |
| IRS2 1.743567 | | | | | 0.00047 | | 1.15E-05 | | | 11.64658 | | | 3.673387 |
| CREG1 1.741028 | | | | | 5.48E-05 | | 5.61E-07 | | | 18.57178 | | | 6.991005 |
| DAAM2 1.738417 | | | | | 0.00047 | | 1.15E-05 | | | 11.64522 | | | 3.672558 |
| PTX3 1.734537 | | | | | 0.00025 | | 4.84E-06 | | | 13.32487 | | | 4.631858 |
| DCN 1.727483 | | | | | 0.000906 | | 2.74E-05 | | | 10.15097 | | | 2.7008 |
| AKR1C4 1.725469 | | | | | 5.07E-05 | | 4.89E-07 | | | 18.9669 | | | 7.139216 |
| HSPB6 1.72364 | | | | | 0.003018 | | 0.000139 | | | 7.807715 | | | 0.87945 |
| KIT 1.719282 | | | | | 5.94E-05 | | 6.32E-07 | | | 18.23887 | | | 6.863457 |
| ENPP2 1.714993 | | | | | 5.88E-06 | | 1.71E-08 | | | 31.56918 | | | 10.59184 |
| LIPE 1.71439 | | | | | 1.15E-05 | | 5.47E-08 | | | 26.47081 | | | 9.435792 |
| SCD5 1.711323 | | | | | 1.29E-06 | | 1.32E-09 | | | 46.46349 | | | 12.89795 |
| CNTNAP2 1.696878 | | | | | 9.43E-05 | | 1.25E-06 | | | 16.43072 | | | 6.124196 |
| SNAI2 1.692167 | | | | | 0.000122 | | 1.77E-06 | | | 15.56862 | | | 5.741009 |
| SELENBP1 1.691679 | | | | | 2.41E-05 | | 1.70E-07 | | | 22.28296 | | | 8.263005 |
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| SPRY1 1.679977 | | | | | 0.000319 | | 6.74E-06 | | | 12.6582 | | | 4.266034 |
| ROR2 1.675454 | | | | | 2.48E-06 | | 3.65E-09 | | | 39.86606 | | | 12.02944 |
| ISM1 1.671278 | | | | | 0.000215 | | 3.88E-06 | | | 13.78995 | | | 4.876487 |
| SCARA5 1.665161 | | | | | 1.18E-05 | | 5.92E-08 | | | 26.15867 | | | 9.356202 |
| AKR1C3 1.659475 | | | | | 2.89E-06 | | 4.80E-09 | | | 38.25066 | | | 11.78388 |
| RARRES3 1.654439 | | | | | 1.15E-05 | | 5.48E-08 | | | 26.46681 | | | 9.43478 |
| GYG2 1.651302 | | | | | 0.000319 | | 6.74E-06 | | | 12.65565 | | | 4.2646 |
| C1orf198 1.649684 | | | | | 1.65E-05 | | 9.48E-08 | | | 24.35157 | | | 8.871939 |
| GFRA1 1.647306 | | | | | 3.53E-05 | | 2.99E-07 | | | 20.44279 | | | 7.664402 |
| MMP28 1.642758 | | | | | 1.09E-05 | | 4.94E-08 | | | 26.88636 | | | 9.540005 |
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| SORBS2 1.622697 | | | | | 0.00019 | | 3.25E-06 | | | 14.1786 | | | 5.074672 |
| FMO4 1.614591 | | | | | 2.95E-05 | | 2.26E-07 | | | 21.33771 | | | 7.962778 |
| ARHGAP28 1.614363 | | | | | 0.000292 | | 5.97E-06 | | | 12.89809 | | | 4.399806 |
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| AK4 | | 1.611408 | | | 1.29E-05 | | 6.68E-08 | | | 25.68246 | | | 9.232548 |
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| PC | | 1.589317 | | | 0.001543 | | 5.59E-05 | | | 9.057333 | | | 1.902405 |
| GPM6B | | 1.582759 | | | 1.82E-06 | | 2.38E-09 | | | 42.51766 | | | 12.40274 |
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| HADH | | 1.573858 | | | 5.87E-06 | | 1.70E-08 | | | 31.60951 | | | 10.60003 |
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| NRP2 | | 1.573039 | | | 0.000121 | | 1.74E-06 | | | 15.60903 | | | 5.759456 |
| FRZB | | 1.570134 | | | 2.56E-06 | | 3.83E-09 | | | 39.58959 | | | 11.98844 |
| CLEC2D | | 1.569281 | | | 0.014406 | | 0.001064 | | | 5.513175 | | | -1.39993 |
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| HSPA2 | | 1.564099 | | | 7.49E-06 | | 2.76E-08 | | | 29.35999 | | | 10.12194 |
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| RXRA | | 1.56257 | | | 1.67E-05 | | 9.84E-08 | | | 24.21659 | | | 8.834067 |
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| GABARAPL 1.529315 | | | | | 0.000142 | | 2.20E-06 | | | 15.05614 | | | 5.502679 |
| XYLT1 1.527132 | | | | | 7.14E-05 | | 8.46E-07 | | | 17.44038 | | | 6.547054 |
| PLXNB1 1.526742 | | | | | 0.000303 | | 6.28E-06 | | | 12.79606 | | | 4.343209 |
| GPBAR1 1.523356 | | | | | 1.10E-05 | | 5.05E-08 | | | 26.79864 | | | 9.51817 |
| THRSP 1.517872 | | | | | 2.32E-05 | | 1.59E-07 | | | 22.50142 | | | 8.330331 |
| GBE1 1.507466 | | | | | 4.94E-05 | | 4.73E-07 | | | 19.06359 | | | 7.174972 |
| SLC27A1 1.498856 | | | | | 7.52E-06 | | 2.81E-08 | | | 29.29206 | | | 10.10679 |
| NR1H3 1.498363 | | | | | 1.39E-05 | | 7.51E-08 | | | 25.22872 | | | 9.112147 |
| CEBPD 1.494786 | | | | | 0.000112 | | 1.55E-06 | | | 15.89119 | | | 5.886911 |
| CFLAR 1.494784 | | | | | 4.38E-05 | | 3.96E-07 | | | 19.5899 | | | 7.366202 |
| VIT 1.48415 | | | | | 5.56E-06 | | 1.47E-08 | | | 32.30658 | | | 10.73935 |
| HMGCS1 1.478317 | | | | | 5.87E-06 | | 1.69E-08 | | | 31.62944 | | | 10.60407 |
| ASS1 1.467685 | | | | | 8.09E-05 | | 1.01E-06 | | | 16.9754 | | | 6.355615 |
| ADIPOQ 1.465722 | | | | | 6.00E-06 | | 1.80E-08 | | | 31.31644 | | | 10.54025 |
| FAM213A 1.46525 | | | | | 0.000179 | | 3.03E-06 | | | 14.33354 | | | 5.152161 |
| CTSC 1.46227 | | | | | 9.31E-05 | | 1.22E-06 | | | 16.48666 | | | 6.14833 |
| LMO3 1.461125 | | | | | 0.000141 | | 2.15E-06 | | | 15.11434 | | | 5.530163 |
| MT1X 1.460564 | | | | | 0.000289 | | 5.87E-06 | | | 12.93408 | | | 4.419667 |
| SRPX2 1.460536 | | | | | 2.23E-05 | | 1.48E-07 | | | 22.75873 | | | 8.408677 |
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| LAMA4 1.457181 | | | | | 0.003116 | | 0.000145 | | | 7.752081 | | | 0.830773 |
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| SERPINA3 | | 1.277167 | | | 0.000152 | | 2.40E-06 | | | 14.85194 | | | 5.405393 |
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| NABP1 | | 1.233177 | | | 0.001992 | | 7.80E-05 | | | 8.581086 | | | 1.527697 |
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| EYA1 | | 1.2256 | | | 6.98E-05 | | 8.12E-07 | | | 17.55187 | | | 6.592151 |
| COL3A1 | | 1.222774 | | | 0.010279 | | 0.000689 | | | 5.953539 | | | -0.91479 |
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| NCAM2 | | 1.187522 | | | 6.75E-06 | | 2.26E-08 | | | 30.26921 | | | 10.32063 |
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| SOCS2 | | 1.184984 | | | 0.000369 | | 8.31E-06 | | | 12.24884 | | | 4.031933 |
| PTGER4 | | 1.182745 | | | 0.000162 | | 2.63E-06 | | | 14.64448 | | | 5.305146 |
| CCDC85A | | 1.181878 | | | 0.000239 | | 4.54E-06 | | | 13.45939 | | | 4.703476 |
| GSTA4 1.171204 | | | | | 3.06E-05 | | 2.43E-07 | | | 21.09775 | | | 7.884166 |
| PDGFD 1.171155 | | | | | 1.45E-05 | | 8.00E-08 | | | 24.9879 | | | 9.047195 |
| DUSP5 1.169518 | | | | | 0.000751 | | 2.12E-05 | | | 10.57416 | | | 2.988894 |
| CYP39A1 1.165156 | | | | | 4.49E-05 | | 4.13E-07 | | | 19.46048 | | | 7.319704 |
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| CXCL16 1.164112 | | | | | 0.000856 | | 2.53E-05 | | | 10.27729 | | | 2.787931 |
| HOXD12 1.16014 | | | | | 0.00014 | | 2.13E-06 | | | 15.12868 | | | 5.536918 |
| DGAT1 1.157511 | | | | | 0.001722 | | 6.44E-05 | | | 8.851427 | | | 1.742558 |
| TXNIP 1.154398 | | | | | 0.002706 | | 0.000119 | | | 8.005057 | | | 1.049826 |
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| TP53I11 1.148146 | | | | | 0.008834 | | 0.000567 | | | 6.159492 | | | -0.69636 |
| EFNA1 1.147226 | | | | | 0.000141 | | 2.14E-06 | | | 15.11795 | | | 5.531862 |
| VKORC1L1 1.146639 | | | | | 4.38E-05 | | 3.96E-07 | | | 19.58771 | | | 7.365419 |
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| SLC14A1 | | | -4.05613 | | 1.05E-07 | | | 3.43E-11 | | | -80.5819 | | 15.37254 |
| KRT19 | | | -4.07472 | | 8.51E-08 | | | 1.94E-11 | | | -87.8074 | | 15.65697 |
| PLAT | | | -4.10928 | | 8.51E-08 | | | 2.11E-11 | | | -86.7102 | | 15.61704 |
| SERPINE1 | | | -4.52771 | | 2.22E-05 | | | 1.47E-07 | | | -22.7889 | | 8.417803 |
| CEMIP | | | -4.65351 | | 8.51E-08 | | | 1.87E-11 | | | -88.2431 | | 15.67253 |

|>=1).