|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Supplement 1.** Differentially expressed genes detected from the C vs N (GSE125866), F vs N (GSE125866), L vs N (GSE131568) and C vs N (GSE20116) analyses (FDR <0.05).  Abbreviations: C (cancer), F (fibrosis), L (leukoplakia), N (non-pathology) | | | | |
| **C vs N (GSE125866)** | | | | |
| **Gene** | **fold change** | **statistic** | **p value** | **FDR** |
| FAM41AY2 | -2.82 | -1124.83 | 5.43E-23 | 3.03E-18 |
| AC069067.1 | -1.60 | -777.05 | 1.20E-21 | 2.24E-17 |
| HIGD2B | -1.60 | -777.05 | 1.20E-21 | 2.24E-17 |
| AC005281.2 | -2.19 | -179.88 | 2.53E-16 | 3.53E-12 |
| AC079781.8 | -1.80 | -135.67 | 2.69E-15 | 3.00E-11 |
| FAM90A18P | -1.43 | -126.14 | 4.94E-15 | 3.06E-11 |
| RNFT1P2 | -1.43 | -126.14 | 4.94E-15 | 3.06E-11 |
| RP11-14N4.1 | -1.43 | -126.14 | 4.94E-15 | 3.06E-11 |
| RP11-776A13.1 | -1.43 | -126.14 | 4.94E-15 | 3.06E-11 |
| AC136896.1 | -0.84 | -103.12 | 2.67E-14 | 7.44E-11 |
| AC138517.1 | -0.84 | -103.12 | 2.67E-14 | 7.44E-11 |
| BX649597.1 | -0.84 | -103.12 | 2.67E-14 | 7.44E-11 |
| CTA-392C11.1 | -0.84 | -103.12 | 2.67E-14 | 7.44E-11 |
| HNRNPA3P16 | -0.84 | -103.12 | 2.67E-14 | 7.44E-11 |
| IZUMO2 | -0.84 | -103.12 | 2.67E-14 | 7.44E-11 |
| PRAMEF9 | -0.84 | -103.12 | 2.67E-14 | 7.44E-11 |
| RP11-207F8.1 | -0.84 | -103.12 | 2.67E-14 | 7.44E-11 |
| RP11-216M21.7 | -0.84 | -103.12 | 2.67E-14 | 7.44E-11 |
| RP11-435F13.2 | -0.84 | -103.12 | 2.67E-14 | 7.44E-11 |
| RP11-536P16.4 | -0.84 | -103.12 | 2.67E-14 | 7.44E-11 |
| OR7E94P | -1.25 | -92.46 | 6.65E-14 | 1.69E-10 |
| RP11-105N14.3 | -1.25 | -92.46 | 6.65E-14 | 1.69E-10 |
| SSTR1 | -1.68 | -53.85 | 6.12E-12 | 1.48E-08 |
| FAM41AY1 | -2.70 | -42.71 | 4.24E-11 | 9.84E-08 |
| ACCSL | -0.92 | -34.43 | 2.55E-10 | 4.74E-07 |
| RP11-358D17.1 | -0.92 | -34.43 | 2.55E-10 | 4.74E-07 |
| RP11-483A20.3 | -0.92 | -34.43 | 2.55E-10 | 4.74E-07 |
| RP11-777N19.1 | -0.92 | -34.43 | 2.55E-10 | 4.74E-07 |
| SETP8 | -0.92 | -34.43 | 2.55E-10 | 4.74E-07 |
| RPL17P11 | -2.99 | -34.77 | 2.35E-10 | 4.74E-07 |
| SFTA2 | -2.00 | -31.27 | 5.68E-10 | 1.02E-06 |
| CYP4F60P | -1.77 | -27.43 | 1.69E-09 | 2.94E-06 |
| CYP4F61P | -1.61 | -26.98 | 1.94E-09 | 3.09E-06 |
| RNA5SP516 | -1.61 | -26.98 | 1.94E-09 | 3.09E-06 |
| RP5-865N13.2 | -1.61 | -26.98 | 1.94E-09 | 3.09E-06 |
| FAM74A3 | -1.11 | -25.55 | 3.04E-09 | 4.34E-06 |
| MKRN7P | -1.11 | -25.55 | 3.04E-09 | 4.34E-06 |
| RN7SL189P | -1.11 | -25.55 | 3.04E-09 | 4.34E-06 |
| RP11-278J20.2 | -1.11 | -25.55 | 3.04E-09 | 4.34E-06 |
| AP003039.3 | -1.96 | -24.71 | 4.01E-09 | 5.59E-06 |
| RP5-944M2.2 | -1.57 | -22.99 | 7.27E-09 | 5.63E-06 |
| AC004386.4 | -0.31 | -23.03 | 7.18E-09 | 5.63E-06 |
| AC005786.5 | -0.31 | -23.03 | 7.18E-09 | 5.63E-06 |
| AP000469.2 | -0.31 | -23.03 | 7.18E-09 | 5.63E-06 |
| BEND3P3 | -0.31 | -23.03 | 7.18E-09 | 5.63E-06 |
| BPIFA4P | -0.31 | -23.03 | 7.18E-09 | 5.63E-06 |
| CTC-286N12.1 | -0.31 | -23.03 | 7.18E-09 | 5.63E-06 |
| CTD-2537I9.5 | -0.31 | -23.03 | 7.18E-09 | 5.63E-06 |
| CTD-2560K21.6 | -0.31 | -23.03 | 7.18E-09 | 5.63E-06 |
| FCN2 | -0.31 | -23.03 | 7.18E-09 | 5.63E-06 |
| GOLGA6L16P | -0.31 | -23.03 | 7.18E-09 | 5.63E-06 |
| LINC00904 | -0.31 | -23.03 | 7.18E-09 | 5.63E-06 |
| NEFMP1 | -0.31 | -23.03 | 7.18E-09 | 5.63E-06 |
| RN7SL333P | -0.31 | -23.03 | 7.18E-09 | 5.63E-06 |
| RN7SL507P | -0.31 | -23.03 | 7.18E-09 | 5.63E-06 |
| RP11-115L11.1 | -0.31 | -23.03 | 7.18E-09 | 5.63E-06 |
| RP11-157L3.4 | -0.31 | -23.03 | 7.18E-09 | 5.63E-06 |
| RP11-332L8.1 | -0.31 | -23.03 | 7.18E-09 | 5.63E-06 |
| RP11-381I15.1 | -0.31 | -23.03 | 7.18E-09 | 5.63E-06 |
| RP11-641C17.4 | -0.31 | -23.03 | 7.18E-09 | 5.63E-06 |
| RP11-738G5.1 | -0.31 | -23.03 | 7.18E-09 | 5.63E-06 |
| RP11-749H20.4 | -0.31 | -23.03 | 7.18E-09 | 5.63E-06 |
| RP11-782C8.7 | -0.31 | -23.03 | 7.18E-09 | 5.63E-06 |
| RP11-820I16.4 | -0.31 | -23.03 | 7.18E-09 | 5.63E-06 |
| RP11-932A10.1 | -0.31 | -23.03 | 7.18E-09 | 5.63E-06 |
| RP5-1010E17.2 | -0.31 | -23.03 | 7.18E-09 | 5.63E-06 |
| RP6-24A23.3 | -0.31 | -23.03 | 7.18E-09 | 5.63E-06 |
| RPS4XP9 | -0.31 | -23.03 | 7.18E-09 | 5.63E-06 |
| SBP1 | -0.31 | -23.03 | 7.18E-09 | 5.63E-06 |
| CCL16 | -2.38 | -23.28 | 6.58E-09 | 5.63E-06 |
| CTD-2311M21.3 | -1.44 | -23.76 | 5.54E-09 | 5.63E-06 |
| FAM71C | -1.44 | -23.76 | 5.54E-09 | 5.63E-06 |
| RP11-669E14.4 | -1.99 | -22.42 | 8.96E-09 | 6.85E-06 |
| RP11-478B9.1 | -2.13 | -21.58 | 1.23E-08 | 9.27E-06 |
| RP11-831A10.1 | -1.82 | -21.42 | 1.31E-08 | 9.71E-06 |
| RP11-768G7.1 | -2.08 | -21.37 | 1.33E-08 | 9.75E-06 |
| UGT1A13P | -2.98 | -20.46 | 1.90E-08 | 1.38E-05 |
| AC079448.1 | -2.70 | -20.42 | 1.93E-08 | 1.38E-05 |
| MTND2P16 | -2.06 | -18.35 | 4.66E-08 | 3.29E-05 |
| HMGB3P18 | -1.69 | -18.25 | 4.87E-08 | 3.40E-05 |
| FOXJ1 | -2.04 | -18.11 | 5.18E-08 | 3.56E-05 |
| STRIP2 | 2.29 | 17.02 | 8.62E-08 | 5.86E-05 |
| AC107083.1 | -2.03 | -16.15 | 1.32E-07 | 8.87E-05 |
| RERG-IT1 | -1.59 | -16.00 | 1.42E-07 | 9.46E-05 |
| FGF14-AS1 | -3.10 | -15.95 | 1.46E-07 | 9.60E-05 |
| AC019064.1 | -1.67 | -15.70 | 1.67E-07 | 1.08E-04 |
| SLC27A6 | -2.83 | -15.52 | 1.82E-07 | 1.17E-04 |
| RP11-678G14.4 | -1.84 | -15.35 | 2.00E-07 | 1.21E-04 |
| AC006539.3 | -1.20 | -15.35 | 1.99E-07 | 1.21E-04 |
| PF4V1 | -1.20 | -15.35 | 1.99E-07 | 1.21E-04 |
| RP11-341G23.2 | -1.20 | -15.35 | 1.99E-07 | 1.21E-04 |
| FAM90A17P | -1.75 | -15.41 | 1.94E-07 | 1.21E-04 |
| CTC-499B15.8 | -0.90 | -15.10 | 2.29E-07 | 1.37E-04 |
| RP11-46J23.1 | -0.81 | -15.05 | 2.34E-07 | 1.39E-04 |
| AC018730.4 | -1.48 | -14.40 | 3.34E-07 | 1.92E-04 |
| AC116609.2 | -1.48 | -14.40 | 3.34E-07 | 1.92E-04 |
| AC018730.3 | -2.49 | -14.42 | 3.31E-07 | 1.92E-04 |
| UBE2Q2P3 | -1.11 | -14.17 | 3.82E-07 | 2.17E-04 |
| RPL9P8 | -1.03 | -14.13 | 3.90E-07 | 2.17E-04 |
| DNAJB3 | -3.56 | -14.14 | 3.88E-07 | 2.17E-04 |
| CCDC178 | -3.44 | -14.06 | 4.06E-07 | 2.24E-04 |
| UBE2Q2P2 | -1.02 | -13.75 | 4.87E-07 | 2.66E-04 |
| RPL9P9 | -1.00 | -13.33 | 6.25E-07 | 3.38E-04 |
| RP3-462C17.1 | -2.54 | -13.22 | 6.69E-07 | 3.59E-04 |
| TNFRSF12A | 3.69 | 13.12 | 7.08E-07 | 3.71E-04 |
| AC003973.1 | -1.02 | -13.05 | 7.39E-07 | 3.71E-04 |
| HSD3BP2 | -1.02 | -13.05 | 7.39E-07 | 3.71E-04 |
| MAGEE2 | -1.02 | -13.05 | 7.39E-07 | 3.71E-04 |
| ODF4 | -1.02 | -13.05 | 7.39E-07 | 3.71E-04 |
| RP11-548K12.12 | -1.02 | -13.05 | 7.39E-07 | 3.71E-04 |
| XX-FW83128A1.2 | -1.02 | -13.05 | 7.39E-07 | 3.71E-04 |
| AC110771.1 | -1.07 | -12.84 | 8.42E-07 | 4.08E-04 |
| MT4 | -1.07 | -12.84 | 8.42E-07 | 4.08E-04 |
| RP13-20L14.1 | -1.37 | -12.86 | 8.35E-07 | 4.08E-04 |
| RPS17P1 | -1.52 | -12.87 | 8.26E-07 | 4.08E-04 |
| RP11-347J14.8 | -2.88 | -12.77 | 8.80E-07 | 4.23E-04 |
| CBWD2 | 0.34 | 12.72 | 9.06E-07 | 4.32E-04 |
| RPL5P32 | -1.81 | -12.40 | 1.11E-06 | 5.25E-04 |
| RP1-257A15.1 | -2.07 | -12.37 | 1.14E-06 | 5.32E-04 |
| RP11-86H7.7 | 1.81 | 12.24 | 1.24E-06 | 5.75E-04 |
| LRRC59 | 1.00 | 12.21 | 1.26E-06 | 5.81E-04 |
| GALNT6 | 2.70 | 11.99 | 1.46E-06 | 6.66E-04 |
| MAS1L | -2.05 | -11.81 | 1.65E-06 | 7.46E-04 |
| UGT1A2P | -2.80 | -11.70 | 1.77E-06 | 7.94E-04 |
| RP11-420K8.1 | 2.30 | 11.67 | 1.80E-06 | 8.04E-04 |
| KLF7-IT1 | 1.55 | 11.52 | 2.00E-06 | 8.80E-04 |
| RP11-95K23.6 | -2.85 | -11.52 | 2.00E-06 | 8.80E-04 |
| C18orf63 | -1.81 | -11.34 | 2.26E-06 | 9.79E-04 |
| ZDHHC15 | -1.93 | -11.34 | 2.26E-06 | 9.79E-04 |
| NUP62 | 0.59 | 11.30 | 2.33E-06 | 9.91E-04 |
| RP11-798K23.4 | -1.66 | -11.30 | 2.32E-06 | 9.91E-04 |
| SH2D5 | 4.34 | 11.26 | 2.39E-06 | 1.01E-03 |
| PACRG | -2.46 | -11.23 | 2.46E-06 | 1.03E-03 |
| COLGALT1 | 0.93 | 11.21 | 2.47E-06 | 1.03E-03 |
| RP11-875H7.5 | -6.02 | -11.05 | 2.78E-06 | 1.15E-03 |
| LINC00901 | -3.68 | -11.03 | 2.81E-06 | 1.15E-03 |
| GIPC3 | 2.19 | 10.96 | 2.96E-06 | 1.20E-03 |
| GGTA1P | -2.42 | -10.97 | 2.94E-06 | 1.20E-03 |
| SCIN | -2.89 | -10.86 | 3.18E-06 | 1.28E-03 |
| CFTR | -2.85 | -10.85 | 3.21E-06 | 1.28E-03 |
| VASP | 1.10 | 10.80 | 3.33E-06 | 1.32E-03 |
| CAB39L | -1.18 | -10.67 | 3.66E-06 | 1.44E-03 |
| RP11-149B9.2 | 2.87 | 10.57 | 3.95E-06 | 1.53E-03 |
| SNX18P5 | -1.64 | -10.56 | 3.98E-06 | 1.53E-03 |
| AC083843.2 | -1.05 | -10.57 | 3.95E-06 | 1.53E-03 |
| RP11-465L10.10 | 2.96 | 10.53 | 4.05E-06 | 1.55E-03 |
| RP11-125D12.2 | -0.99 | -10.51 | 4.14E-06 | 1.57E-03 |
| MMP9 | 2.94 | 10.43 | 4.39E-06 | 1.65E-03 |
| RGS20 | 2.40 | 10.41 | 4.46E-06 | 1.66E-03 |
| ATP4A | -2.86 | -10.41 | 4.46E-06 | 1.66E-03 |
| RP11-618G20.1 | 0.64 | 10.38 | 4.57E-06 | 1.69E-03 |
| CTD-2026K11.1 | 2.47 | 10.28 | 4.89E-06 | 1.80E-03 |
| ZNF483 | -1.37 | -10.27 | 4.95E-06 | 1.80E-03 |
| AC012593.1 | -2.70 | -10.26 | 4.98E-06 | 1.80E-03 |
| PLEC | 1.53 | 9.97 | 6.22E-06 | 2.19E-03 |
| AP000343.1 | -1.15 | -9.98 | 6.19E-06 | 2.19E-03 |
| RP11-777B9.1 | -1.15 | -9.98 | 6.19E-06 | 2.19E-03 |
| VN1R20P | -1.15 | -9.98 | 6.19E-06 | 2.19E-03 |
| EIF4A1P2 | 2.55 | 9.96 | 6.26E-06 | 2.20E-03 |
| FAM153C | -2.87 | -9.93 | 6.45E-06 | 2.25E-03 |
| AC093585.6 | -1.11 | -9.83 | 6.94E-06 | 2.39E-03 |
| RP11-677O4.7 | -1.11 | -9.83 | 6.94E-06 | 2.39E-03 |
| RP11-420K8.2 | 2.39 | 9.81 | 7.05E-06 | 2.41E-03 |
| RP11-172F10.1 | -3.69 | -9.79 | 7.18E-06 | 2.44E-03 |
| RP5-965F6.2 | -2.73 | -9.73 | 7.53E-06 | 2.53E-03 |
| RNASE4 | -1.98 | -9.73 | 7.51E-06 | 2.53E-03 |
| STARD4 | 1.37 | 9.64 | 8.12E-06 | 2.70E-03 |
| RP11-515O17.3 | -1.67 | -9.64 | 8.12E-06 | 2.70E-03 |
| ANG | -1.76 | -9.55 | 8.70E-06 | 2.87E-03 |
| TRMT6 | 0.97 | 9.54 | 8.80E-06 | 2.89E-03 |
| RP11-1102P16.1 | -2.04 | -9.52 | 8.90E-06 | 2.90E-03 |
| RP11-2A4.3 | -3.20 | -9.46 | 9.39E-06 | 3.05E-03 |
| BCL6B | 0.97 | 9.43 | 9.56E-06 | 3.08E-03 |
| FRAS1 | -2.01 | -9.43 | 9.61E-06 | 3.08E-03 |
| KIAA2022 | -2.78 | -9.38 | 1.00E-05 | 3.19E-03 |
| ITGA3 | 1.71 | 9.37 | 1.01E-05 | 3.20E-03 |
| AGRN | 1.84 | 9.34 | 1.03E-05 | 3.26E-03 |
| FOXN4 | -1.38 | -9.28 | 1.09E-05 | 3.37E-03 |
| OR9Q2 | -1.38 | -9.28 | 1.09E-05 | 3.37E-03 |
| RNY5P1 | -1.38 | -9.28 | 1.09E-05 | 3.37E-03 |
| RP11-561I11.3 | -1.47 | -9.25 | 1.11E-05 | 3.40E-03 |
| MYRIP | -2.39 | -9.25 | 1.11E-05 | 3.40E-03 |
| IL4I1 | 0.63 | 9.23 | 1.13E-05 | 3.44E-03 |
| FAM74A6 | -1.05 | -9.19 | 1.18E-05 | 3.56E-03 |
| MACF1 | 1.12 | 9.16 | 1.20E-05 | 3.61E-03 |
| HELZ2 | 1.72 | 9.14 | 1.22E-05 | 3.66E-03 |
| HIF1A-AS2 | 0.66 | 9.12 | 1.24E-05 | 3.67E-03 |
| BCKDHB | -1.14 | -9.13 | 1.23E-05 | 3.67E-03 |
| FBLIM1 | 1.89 | 9.07 | 1.29E-05 | 3.81E-03 |
| RP11-265D17.2 | 1.83 | 9.07 | 1.30E-05 | 3.81E-03 |
| WDR49 | -2.69 | -9.04 | 1.33E-05 | 3.89E-03 |
| CTPS1 | 1.33 | 9.00 | 1.38E-05 | 3.96E-03 |
| RP11-144A16.5 | -2.84 | -9.00 | 1.37E-05 | 3.96E-03 |
| RP1-193H18.3 | -1.78 | -9.01 | 1.37E-05 | 3.96E-03 |
| RRS1 | 1.37 | 8.98 | 1.40E-05 | 4.01E-03 |
| CTTNBP2 | -2.90 | -8.97 | 1.41E-05 | 4.03E-03 |
| RP11-647P12.1 | -2.38 | -8.95 | 1.43E-05 | 4.05E-03 |
| MICAL2 | 1.75 | 8.93 | 1.45E-05 | 4.09E-03 |
| RP11-322D14.2 | 1.33 | 8.91 | 1.48E-05 | 4.15E-03 |
| ATL1 | -1.22 | -8.90 | 1.50E-05 | 4.18E-03 |
| LINC00152 | 1.50 | 8.88 | 1.53E-05 | 4.21E-03 |
| AQP4-AS1 | -3.18 | -8.88 | 1.53E-05 | 4.21E-03 |
| TXNDC16 | -0.92 | -8.87 | 1.54E-05 | 4.22E-03 |
| CTB-180A7.8 | -1.13 | -8.86 | 1.54E-05 | 4.22E-03 |
| ACTN1 | 1.34 | 8.86 | 1.56E-05 | 4.23E-03 |
| LINC00958 | 2.31 | 8.84 | 1.57E-05 | 4.26E-03 |
| COX10-AS1 | -1.46 | -8.79 | 1.65E-05 | 4.46E-03 |
| CHST2 | 3.00 | 8.76 | 1.68E-05 | 4.51E-03 |
| HSD17B6 | 2.62 | 8.71 | 1.77E-05 | 4.71E-03 |
| RP11-268J15.5 | 1.65 | 8.71 | 1.77E-05 | 4.71E-03 |
| LINC00930 | -1.27 | -8.69 | 1.79E-05 | 4.72E-03 |
| RP11-753B14.1 | -1.27 | -8.69 | 1.79E-05 | 4.72E-03 |
| RPL21P116 | -1.08 | -8.68 | 1.81E-05 | 4.74E-03 |
| CTD-2537I9.12 | 0.72 | 8.64 | 1.88E-05 | 4.89E-03 |
| TSPAN8 | -2.64 | -8.63 | 1.89E-05 | 4.91E-03 |
| GULP1 | -2.21 | -8.61 | 1.92E-05 | 4.95E-03 |
| AC005532.5 | -2.70 | -8.61 | 1.92E-05 | 4.95E-03 |
| AL163636.6 | -2.03 | -8.57 | 1.99E-05 | 5.10E-03 |
| CTA-963H5.5 | 1.68 | 8.57 | 2.00E-05 | 5.10E-03 |
| AP000281.2 | -2.26 | -8.55 | 2.04E-05 | 5.17E-03 |
| REC8 | 1.18 | 8.50 | 2.12E-05 | 5.35E-03 |
| COL4A2-AS2 | 1.47 | 8.43 | 2.26E-05 | 5.67E-03 |
| MAB21L2 | -1.05 | -8.41 | 2.30E-05 | 5.75E-03 |
| RP11-903H12.3 | -2.01 | -8.40 | 2.33E-05 | 5.79E-03 |
| ACP6 | -1.34 | -8.39 | 2.36E-05 | 5.84E-03 |
| HSPA5 | 1.24 | 8.37 | 2.40E-05 | 5.91E-03 |
| TYMP | 2.14 | 8.35 | 2.42E-05 | 5.91E-03 |
| AP000356.1 | 1.93 | 8.35 | 2.43E-05 | 5.91E-03 |
| SSBP2 | -1.77 | -8.36 | 2.42E-05 | 5.91E-03 |
| NPPC | -4.71 | -8.33 | 2.48E-05 | 6.01E-03 |
| RP11-114N19.3 | -1.44 | -8.31 | 2.52E-05 | 6.07E-03 |
| CHPF2 | 0.86 | 8.30 | 2.54E-05 | 6.12E-03 |
| RP11-297P16.4 | 6.33 | 8.28 | 2.59E-05 | 6.19E-03 |
| COL4A2-AS1 | 1.89 | 8.26 | 2.64E-05 | 6.28E-03 |
| MTMR10 | -0.97 | -8.26 | 2.65E-05 | 6.28E-03 |
| GPRIN1 | 3.14 | 8.23 | 2.72E-05 | 6.39E-03 |
| PTN | -3.12 | -8.23 | 2.71E-05 | 6.39E-03 |
| RP11-114J13.1 | -1.14 | -8.21 | 2.77E-05 | 6.49E-03 |
| RP11-964E11.2 | -3.27 | -8.20 | 2.80E-05 | 6.54E-03 |
| EME1 | 1.18 | 8.14 | 2.96E-05 | 6.84E-03 |
| ICA1 | -1.50 | -8.14 | 2.95E-05 | 6.84E-03 |
| AL162424.1 | 2.04 | 8.12 | 3.00E-05 | 6.90E-03 |
| CTA-520D8.2 | 2.81 | 8.12 | 3.02E-05 | 6.92E-03 |
| AC114812.5 | -3.56 | -8.07 | 3.14E-05 | 7.18E-03 |
| HCG14 | -1.46 | -8.06 | 3.19E-05 | 7.26E-03 |
| EFTUD2 | 0.52 | 8.02 | 3.30E-05 | 7.46E-03 |
| RP4-794H19.2 | -1.00 | -8.02 | 3.29E-05 | 7.46E-03 |
| MAP2K6 | -1.57 | -7.94 | 3.54E-05 | 7.89E-03 |
| CHST9 | -3.53 | -7.95 | 3.53E-05 | 7.89E-03 |
| RP11-453M23.1 | -1.21 | -7.95 | 3.52E-05 | 7.89E-03 |
| FAM221A | -1.65 | -7.93 | 3.58E-05 | 7.96E-03 |
| RRM2 | 1.14 | 7.90 | 3.67E-05 | 8.13E-03 |
| NADK | 0.79 | 7.90 | 3.70E-05 | 8.16E-03 |
| RP11-552E20.4 | -2.38 | -7.88 | 3.75E-05 | 8.24E-03 |
| SYCP3 | -1.86 | -7.85 | 3.87E-05 | 8.46E-03 |
| TRPC4 | 1.25 | 7.84 | 3.90E-05 | 8.50E-03 |
| STX1A | 1.54 | 7.82 | 3.99E-05 | 8.66E-03 |
| TOP1MT | 1.18 | 7.81 | 4.03E-05 | 8.71E-03 |
| SPOCD1 | 2.83 | 7.78 | 4.13E-05 | 8.90E-03 |
| FGF12-AS1 | -2.80 | -7.77 | 4.19E-05 | 8.94E-03 |
| RP11-276H19.1 | -2.40 | -7.77 | 4.17E-05 | 8.94E-03 |
| RP11-834C11.12 | 3.16 | 7.76 | 4.21E-05 | 8.96E-03 |
| ANKRD20A5P | -3.90 | -7.75 | 4.25E-05 | 9.00E-03 |
| U2AF2 | 0.52 | 7.74 | 4.32E-05 | 9.05E-03 |
| CTC-250I14.3 | 1.15 | 7.74 | 4.32E-05 | 9.05E-03 |
| RP11-354E11.2 | -1.71 | -7.73 | 4.35E-05 | 9.05E-03 |
| ANKS1B | -2.06 | -7.73 | 4.34E-05 | 9.05E-03 |
| PTGR1 | -1.50 | -7.73 | 4.33E-05 | 9.05E-03 |
| EYA1 | -2.50 | -7.72 | 4.40E-05 | 9.12E-03 |
| PLXNA1 | 1.17 | 7.70 | 4.46E-05 | 9.17E-03 |
| RP11-431D12.1 | -2.26 | -7.71 | 4.44E-05 | 9.17E-03 |
| LINC01060 | 2.85 | 7.67 | 4.58E-05 | 9.39E-03 |
| RP11-680N20.1 | -2.24 | -7.64 | 4.75E-05 | 9.70E-03 |
| TFDP1 | 1.00 | 7.63 | 4.80E-05 | 9.77E-03 |
| HOXC8 | 3.18 | 7.61 | 4.87E-05 | 9.84E-03 |
| HIF1A | 0.68 | 7.61 | 4.87E-05 | 9.84E-03 |
| LINC00707 | 2.65 | 7.60 | 4.91E-05 | 9.88E-03 |
| SLC52A1 | 2.22 | 7.58 | 5.01E-05 | 9.92E-03 |
| MMP1 | 7.66 | 7.58 | 5.02E-05 | 9.92E-03 |
| ZNF793 | -1.91 | -7.59 | 4.98E-05 | 9.92E-03 |
| RP11-526F3.1 | -1.73 | -7.59 | 4.98E-05 | 9.92E-03 |
| RP11-617D20.1 | -1.79 | -7.59 | 4.97E-05 | 9.92E-03 |
| ETV4 | 1.53 | 7.54 | 5.22E-05 | 1.03E-02 |
| LIPG | 4.72 | 7.53 | 5.25E-05 | 1.03E-02 |
| KIAA0087 | -1.30 | -7.53 | 5.27E-05 | 1.03E-02 |
| RP11-503C24.3 | -1.30 | -7.53 | 5.27E-05 | 1.03E-02 |
| MAP3K1 | -0.94 | -7.50 | 5.41E-05 | 1.05E-02 |
| SLC26A2 | -1.88 | -7.49 | 5.47E-05 | 1.06E-02 |
| HOXC6 | 3.05 | 7.48 | 5.53E-05 | 1.06E-02 |
| FMO6P | -1.68 | -7.48 | 5.54E-05 | 1.06E-02 |
| PMCHL2 | -1.96 | -7.48 | 5.51E-05 | 1.06E-02 |
| ARHGEF38-IT1 | -1.81 | -7.46 | 5.63E-05 | 1.08E-02 |
| LIMK1 | 1.28 | 7.46 | 5.66E-05 | 1.08E-02 |
| ANKLE2 | 1.21 | 7.46 | 5.68E-05 | 1.08E-02 |
| BOC | -2.08 | -7.43 | 5.79E-05 | 1.10E-02 |
| ACLY | 1.06 | 7.41 | 5.94E-05 | 1.12E-02 |
| RP11-61F12.1 | 1.60 | 7.40 | 5.99E-05 | 1.12E-02 |
| KRT17P2 | 2.79 | 7.40 | 6.01E-05 | 1.12E-02 |
| OTC | -2.11 | -7.40 | 6.00E-05 | 1.12E-02 |
| KRT75 | 5.94 | 7.39 | 6.04E-05 | 1.12E-02 |
| ZC3H6 | -1.02 | -7.38 | 6.13E-05 | 1.14E-02 |
| AC017002.2 | 2.10 | 7.37 | 6.18E-05 | 1.14E-02 |
| EEF1D | 0.70 | 7.37 | 6.18E-05 | 1.14E-02 |
| SOS1-IT1 | -0.49 | -7.37 | 6.20E-05 | 1.14E-02 |
| EPPK1 | 3.50 | 7.36 | 6.27E-05 | 1.15E-02 |
| RP11-108K3.3 | 3.08 | 7.35 | 6.32E-05 | 1.15E-02 |
| HOXC4 | 3.00 | 7.34 | 6.38E-05 | 1.16E-02 |
| RP3-342P20.2 | 1.12 | 7.33 | 6.46E-05 | 1.16E-02 |
| RBKS | -0.73 | -7.32 | 6.52E-05 | 1.16E-02 |
| CTAGE12P | -0.96 | -7.32 | 6.50E-05 | 1.16E-02 |
| RP11-360I2.1 | -0.96 | -7.32 | 6.50E-05 | 1.16E-02 |
| MBNL3 | -0.79 | -7.32 | 6.49E-05 | 1.16E-02 |
| RP11-108K3.1 | 2.46 | 7.31 | 6.56E-05 | 1.17E-02 |
| CYP19A1 | 3.08 | 7.31 | 6.58E-05 | 1.17E-02 |
| PCM1 | -0.49 | -7.30 | 6.61E-05 | 1.17E-02 |
| OCA2 | -3.48 | -7.30 | 6.64E-05 | 1.17E-02 |
| AC067945.3 | 2.88 | 7.29 | 6.72E-05 | 1.18E-02 |
| EFNB1 | 1.48 | 7.27 | 6.82E-05 | 1.18E-02 |
| RP11-694I15.7 | -1.12 | -7.27 | 6.81E-05 | 1.18E-02 |
| ASB14 | -0.70 | -7.27 | 6.80E-05 | 1.18E-02 |
| RP11-314P15.2 | -1.41 | -7.28 | 6.77E-05 | 1.18E-02 |
| KRT32 | -2.84 | -7.26 | 6.88E-05 | 1.19E-02 |
| FMO8P | -2.44 | -7.25 | 6.98E-05 | 1.20E-02 |
| RP11-547I7.1 | -3.40 | -7.24 | 7.06E-05 | 1.21E-02 |
| ABCE1 | 0.67 | 7.21 | 7.24E-05 | 1.23E-02 |
| RP11-91H12.4 | -1.00 | -7.21 | 7.24E-05 | 1.23E-02 |
| PEG3 | -2.22 | -7.21 | 7.23E-05 | 1.23E-02 |
| AC090044.1 | -2.20 | -7.22 | 7.21E-05 | 1.23E-02 |
| ZNF829 | -1.45 | -7.22 | 7.19E-05 | 1.23E-02 |
| AC133633.2 | -1.50 | -7.20 | 7.31E-05 | 1.23E-02 |
| RP11-746M1.1 | 1.13 | 7.20 | 7.35E-05 | 1.24E-02 |
| CTC-454I21.3 | -1.07 | -7.19 | 7.39E-05 | 1.24E-02 |
| ARTN | 3.31 | 7.19 | 7.43E-05 | 1.24E-02 |
| CTB-60E11.4 | 1.43 | 7.18 | 7.51E-05 | 1.25E-02 |
| RP1-179N16.6 | -1.44 | -7.18 | 7.52E-05 | 1.25E-02 |
| PPP1R3E | -0.77 | -7.18 | 7.48E-05 | 1.25E-02 |
| AC145110.1 | 2.79 | 7.17 | 7.58E-05 | 1.25E-02 |
| RP3-325F22.5 | 2.24 | 7.16 | 7.66E-05 | 1.26E-02 |
| RP3-417O22.3 | -2.25 | -7.16 | 7.65E-05 | 1.26E-02 |
| RP11-834C11.14 | 2.99 | 7.15 | 7.72E-05 | 1.27E-02 |
| ZNF585B | -1.02 | -7.14 | 7.77E-05 | 1.27E-02 |
| CDH3 | 1.99 | 7.14 | 7.81E-05 | 1.27E-02 |
| MFAP3 | 0.26 | 7.12 | 7.95E-05 | 1.28E-02 |
| AC079630.2 | -3.60 | -7.12 | 7.96E-05 | 1.28E-02 |
| CBR3 | -1.19 | -7.12 | 7.95E-05 | 1.28E-02 |
| RP11-23D24.2 | -2.59 | -7.12 | 7.92E-05 | 1.28E-02 |
| ZIM2 | -2.19 | -7.13 | 7.91E-05 | 1.28E-02 |
| SNX18P6 | -1.49 | -7.13 | 7.88E-05 | 1.28E-02 |
| PLAU | 2.67 | 7.11 | 8.04E-05 | 1.28E-02 |
| RP1-90J4.1 | 3.08 | 7.10 | 8.11E-05 | 1.28E-02 |
| ATP13A3 | 1.08 | 7.10 | 8.12E-05 | 1.28E-02 |
| LINC00520 | 3.08 | 7.10 | 8.16E-05 | 1.28E-02 |
| RP11-394B5.2 | 1.92 | 7.09 | 8.18E-05 | 1.28E-02 |
| RPS6KA6 | -3.23 | -7.09 | 8.18E-05 | 1.28E-02 |
| WNK3 | -1.60 | -7.10 | 8.12E-05 | 1.28E-02 |
| RP11-384F7.2 | -3.67 | -7.11 | 8.05E-05 | 1.28E-02 |
| FBF1 | -0.84 | -7.11 | 8.02E-05 | 1.28E-02 |
| RP11-1020M18.10 | 4.39 | 7.08 | 8.29E-05 | 1.29E-02 |
| C10orf55 | 2.65 | 7.08 | 8.31E-05 | 1.29E-02 |
| LAMB4 | -4.07 | -7.07 | 8.37E-05 | 1.30E-02 |
| CARS | 1.02 | 7.06 | 8.45E-05 | 1.31E-02 |
| MTG2 | 0.66 | 7.05 | 8.58E-05 | 1.31E-02 |
| WSCD2 | -2.33 | -7.05 | 8.56E-05 | 1.31E-02 |
| SPATA6 | -1.98 | -7.05 | 8.54E-05 | 1.31E-02 |
| RP11-348J24.1 | -1.29 | -7.04 | 8.67E-05 | 1.32E-02 |
| KPNB1 | 0.70 | 7.02 | 8.84E-05 | 1.33E-02 |
| AC008937.2 | -1.06 | -7.02 | 8.85E-05 | 1.33E-02 |
| RP11-118B18.1 | -1.83 | -7.02 | 8.85E-05 | 1.33E-02 |
| ZFP2 | -1.54 | -7.02 | 8.81E-05 | 1.33E-02 |
| RP11-809H16.5 | -2.96 | -7.02 | 8.78E-05 | 1.33E-02 |
| RP11-552E10.1 | -1.58 | -7.00 | 9.03E-05 | 1.35E-02 |
| RP11-396F22.1 | -1.22 | -7.00 | 9.02E-05 | 1.35E-02 |
| GLIPR1L2 | -1.18 | -6.99 | 9.08E-05 | 1.35E-02 |
| NXPE1 | -1.20 | -7.00 | 9.05E-05 | 1.35E-02 |
| ATAD3A | 1.43 | 6.98 | 9.16E-05 | 1.36E-02 |
| PPP2R5B | 1.05 | 6.98 | 9.23E-05 | 1.36E-02 |
| TCF3 | 0.86 | 6.98 | 9.23E-05 | 1.36E-02 |
| PDE6A | -2.82 | -6.97 | 9.26E-05 | 1.36E-02 |
| RP11-109A6.3 | -1.19 | -6.98 | 9.20E-05 | 1.36E-02 |
| PFDN2 | 1.10 | 6.97 | 9.28E-05 | 1.36E-02 |
| FAM90A21P | -1.56 | -6.97 | 9.31E-05 | 1.36E-02 |
| PARD3B | -1.30 | -6.96 | 9.40E-05 | 1.37E-02 |
| XYLB | -1.17 | -6.96 | 9.38E-05 | 1.37E-02 |
| RPL29P14 | 1.61 | 6.95 | 9.46E-05 | 1.37E-02 |
| INHBA | 3.73 | 6.95 | 9.54E-05 | 1.38E-02 |
| MDFI | 1.70 | 6.94 | 9.58E-05 | 1.38E-02 |
| RP11-1167A19.2 | 0.66 | 6.93 | 9.70E-05 | 1.39E-02 |
| ZNF677 | -1.84 | -6.93 | 9.69E-05 | 1.39E-02 |
| RP11-23P13.6 | 1.29 | 6.92 | 9.75E-05 | 1.40E-02 |
| CTB-50E14.5 | 1.28 | 6.92 | 9.77E-05 | 1.40E-02 |
| KIAA1644 | 2.07 | 6.92 | 9.81E-05 | 1.40E-02 |
| CD9 | -0.81 | -6.92 | 9.82E-05 | 1.40E-02 |
| CTD-2162K18.5 | -1.54 | -6.89 | 1.01E-04 | 1.43E-02 |
| SH2D2A | 1.40 | 6.89 | 1.01E-04 | 1.43E-02 |
| POU3F3 | -3.27 | -6.89 | 1.01E-04 | 1.43E-02 |
| NOMO1 | 0.88 | 6.89 | 1.02E-04 | 1.43E-02 |
| AC007228.11 | -1.53 | -6.88 | 1.03E-04 | 1.44E-02 |
| RP11-128P17.2 | -1.95 | -6.88 | 1.02E-04 | 1.44E-02 |
| RP11-493L12.5 | 2.12 | 6.86 | 1.04E-04 | 1.45E-02 |
| HECW2 | -1.15 | -6.86 | 1.04E-04 | 1.45E-02 |
| RP1-86D1.3 | 1.37 | 6.84 | 1.06E-04 | 1.48E-02 |
| HRCT1 | -1.49 | -6.84 | 1.07E-04 | 1.48E-02 |
| RP11-73M18.8 | 0.86 | 6.83 | 1.08E-04 | 1.49E-02 |
| RP11-213H15.4 | 2.43 | 6.83 | 1.08E-04 | 1.49E-02 |
| ACADSB | -1.73 | -6.83 | 1.08E-04 | 1.49E-02 |
| AC114812.9 | -3.85 | -6.83 | 1.07E-04 | 1.49E-02 |
| ATP13A2 | 1.46 | 6.82 | 1.09E-04 | 1.49E-02 |
| MLANA | -0.88 | -6.81 | 1.10E-04 | 1.49E-02 |
| ADAMTS19 | -2.01 | -6.81 | 1.10E-04 | 1.49E-02 |
| CTD-2161F6.2 | -1.05 | -6.81 | 1.10E-04 | 1.49E-02 |
| AC012215.1 | -2.51 | -6.82 | 1.09E-04 | 1.49E-02 |
| DEFB107B | 1.40 | 6.80 | 1.11E-04 | 1.50E-02 |
| LEMD1 | 1.72 | 6.80 | 1.11E-04 | 1.50E-02 |
| GALNT18 | 1.00 | 6.80 | 1.12E-04 | 1.50E-02 |
| GPATCH4 | 0.93 | 6.77 | 1.14E-04 | 1.53E-02 |
| MIR4435-1HG | 1.37 | 6.77 | 1.15E-04 | 1.53E-02 |
| CREG2 | 2.24 | 6.77 | 1.15E-04 | 1.53E-02 |
| BEX4 | -1.73 | -6.77 | 1.15E-04 | 1.53E-02 |
| RP11-160H12.2 | -4.03 | -6.77 | 1.15E-04 | 1.53E-02 |
| FMNL2 | 1.37 | 6.76 | 1.16E-04 | 1.54E-02 |
| BACH1-IT3 | 1.32 | 6.76 | 1.17E-04 | 1.54E-02 |
| PWP2 | 1.08 | 6.75 | 1.17E-04 | 1.54E-02 |
| ZFP28 | -1.40 | -6.75 | 1.17E-04 | 1.54E-02 |
| AC017002.1 | 1.61 | 6.75 | 1.17E-04 | 1.54E-02 |
| ANKRD20A4 | -2.14 | -6.74 | 1.18E-04 | 1.55E-02 |
| NRIP1 | 1.22 | 6.73 | 1.19E-04 | 1.56E-02 |
| RP11-348J24.2 | -3.04 | -6.74 | 1.19E-04 | 1.56E-02 |
| DDX21 | 1.45 | 6.73 | 1.20E-04 | 1.56E-02 |
| CTA-276F8.2 | -0.93 | -6.73 | 1.20E-04 | 1.56E-02 |
| CTD-2555K7.2 | -0.85 | -6.73 | 1.20E-04 | 1.56E-02 |
| PCDP1 | -1.56 | -6.73 | 1.20E-04 | 1.56E-02 |
| RP4-666F24.3 | -1.98 | -6.72 | 1.21E-04 | 1.56E-02 |
| INHBA-AS1 | 3.60 | 6.72 | 1.22E-04 | 1.56E-02 |
| HOXC13 | 3.74 | 6.71 | 1.22E-04 | 1.56E-02 |
| SPATA21 | 0.49 | 6.71 | 1.22E-04 | 1.56E-02 |
| OAS3 | 1.88 | 6.71 | 1.22E-04 | 1.56E-02 |
| IPO7 | 0.73 | 6.71 | 1.22E-04 | 1.56E-02 |
| LMNB2 | 1.50 | 6.71 | 1.23E-04 | 1.56E-02 |
| RP11-768G7.2 | -4.34 | -6.72 | 1.21E-04 | 1.56E-02 |
| NACC1 | 0.93 | 6.70 | 1.24E-04 | 1.57E-02 |
| ZNF865 | 0.45 | 6.69 | 1.25E-04 | 1.57E-02 |
| RP11-253E3.3 | 2.25 | 6.69 | 1.26E-04 | 1.57E-02 |
| AC005027.3 | 3.59 | 6.68 | 1.26E-04 | 1.57E-02 |
| UPP2 | -1.37 | -6.69 | 1.25E-04 | 1.57E-02 |
| RP11-734K2.4 | -0.94 | -6.69 | 1.25E-04 | 1.57E-02 |
| RP11-345F18.1 | -1.59 | -6.69 | 1.25E-04 | 1.57E-02 |
| CCDC148 | -1.26 | -6.69 | 1.25E-04 | 1.57E-02 |
| C22orf39 | 0.29 | 6.68 | 1.26E-04 | 1.57E-02 |
| WDR43 | 0.73 | 6.68 | 1.27E-04 | 1.57E-02 |
| RP11-811P12.3 | -1.79 | -6.67 | 1.28E-04 | 1.58E-02 |
| TNFAIP8L3 | 1.73 | 6.66 | 1.29E-04 | 1.59E-02 |
| TCEAL2 | -2.92 | -6.66 | 1.29E-04 | 1.59E-02 |
| RP11-397P13.6 | 0.93 | 6.66 | 1.30E-04 | 1.59E-02 |
| SERPINE1 | 2.88 | 6.65 | 1.30E-04 | 1.59E-02 |
| FGF14-IT1 | -3.32 | -6.65 | 1.31E-04 | 1.60E-02 |
| E2F3 | 0.64 | 6.65 | 1.31E-04 | 1.60E-02 |
| RP5-1011O1.3 | 2.91 | 6.64 | 1.32E-04 | 1.61E-02 |
| ADAM19 | 1.34 | 6.63 | 1.33E-04 | 1.62E-02 |
| CCL24 | 2.88 | 6.62 | 1.35E-04 | 1.63E-02 |
| TMEM14B | -0.51 | -6.62 | 1.35E-04 | 1.63E-02 |
| RP11-12C17.2 | -1.69 | -6.62 | 1.34E-04 | 1.63E-02 |
| TIMM23B | 0.48 | 6.60 | 1.37E-04 | 1.65E-02 |
| SLC4A4 | -3.03 | -6.60 | 1.38E-04 | 1.65E-02 |
| CGNL1 | -1.54 | -6.60 | 1.38E-04 | 1.65E-02 |
| RP11-554D14.7 | -1.79 | -6.60 | 1.37E-04 | 1.65E-02 |
| ADM | 1.71 | 6.60 | 1.38E-04 | 1.66E-02 |
| SYT17 | -1.82 | -6.59 | 1.39E-04 | 1.66E-02 |
| RP11-357D18.1 | -3.09 | -6.58 | 1.41E-04 | 1.68E-02 |
| SNX18P8 | -1.84 | -6.57 | 1.42E-04 | 1.68E-02 |
| AC016722.4 | 0.48 | 6.57 | 1.43E-04 | 1.69E-02 |
| LAMC2 | 3.08 | 6.56 | 1.44E-04 | 1.71E-02 |
| CTB-151G24.1 | 1.34 | 6.55 | 1.45E-04 | 1.71E-02 |
| RP11-475O6.1 | -2.83 | -6.55 | 1.46E-04 | 1.72E-02 |
| NLRC5 | 1.13 | 6.54 | 1.48E-04 | 1.74E-02 |
| CSPG4 | 1.36 | 6.53 | 1.49E-04 | 1.74E-02 |
| SPEF2 | -1.24 | -6.53 | 1.49E-04 | 1.74E-02 |
| GOLGA8Q | -1.24 | -6.52 | 1.50E-04 | 1.75E-02 |
| SZRD1 | 0.44 | 6.51 | 1.51E-04 | 1.76E-02 |
| PDLIM7 | 1.38 | 6.51 | 1.52E-04 | 1.76E-02 |
| NRBF2P3 | 1.84 | 6.51 | 1.52E-04 | 1.76E-02 |
| C21orf49 | -1.24 | -6.51 | 1.52E-04 | 1.76E-02 |
| TMEM17 | -2.61 | -6.52 | 1.51E-04 | 1.76E-02 |
| TMEM74 | -1.93 | -6.51 | 1.53E-04 | 1.76E-02 |
| RP5-837I24.4 | -3.46 | -6.49 | 1.55E-04 | 1.79E-02 |
| RPLP0P2 | 2.50 | 6.49 | 1.56E-04 | 1.79E-02 |
| LA16c-444G7.1 | 1.21 | 6.48 | 1.57E-04 | 1.80E-02 |
| CCT3 | 1.11 | 6.48 | 1.57E-04 | 1.80E-02 |
| RP11-707A18.1 | -4.79 | -6.48 | 1.57E-04 | 1.80E-02 |
| SNX31 | -2.69 | -6.48 | 1.58E-04 | 1.80E-02 |
| MRTO4 | 0.99 | 6.45 | 1.62E-04 | 1.81E-02 |
| NOP2 | 1.02 | 6.44 | 1.65E-04 | 1.81E-02 |
| MROH1 | 0.70 | 6.43 | 1.66E-04 | 1.81E-02 |
| MISP | 3.53 | 6.42 | 1.67E-04 | 1.81E-02 |
| MYO1B | 1.98 | 6.42 | 1.67E-04 | 1.81E-02 |
| AC108448.2 | -0.58 | -6.42 | 1.68E-04 | 1.81E-02 |
| AE000661.50 | -0.58 | -6.42 | 1.68E-04 | 1.81E-02 |
| CTB-33O18.2 | -0.58 | -6.42 | 1.68E-04 | 1.81E-02 |
| OR7E110P | -0.58 | -6.42 | 1.68E-04 | 1.81E-02 |
| OR7E90P | -0.58 | -6.42 | 1.68E-04 | 1.81E-02 |
| PRAMEF15 | -0.58 | -6.42 | 1.68E-04 | 1.81E-02 |
| PRSS55 | -0.58 | -6.42 | 1.68E-04 | 1.81E-02 |
| RN7SL18P | -0.58 | -6.42 | 1.68E-04 | 1.81E-02 |
| RP11-271F18.4 | -0.58 | -6.42 | 1.68E-04 | 1.81E-02 |
| RP11-432A8.2 | -0.58 | -6.42 | 1.68E-04 | 1.81E-02 |
| RP11-459O16.3 | -0.58 | -6.42 | 1.68E-04 | 1.81E-02 |
| RP11-51E20.1 | -0.58 | -6.42 | 1.68E-04 | 1.81E-02 |
| RP11-678G14.5 | -0.58 | -6.42 | 1.68E-04 | 1.81E-02 |
| RP5-837O21.6 | -0.58 | -6.42 | 1.68E-04 | 1.81E-02 |
| RP5-866L20.2 | -0.58 | -6.42 | 1.68E-04 | 1.81E-02 |
| SLC9B1P1 | -0.58 | -6.42 | 1.68E-04 | 1.81E-02 |
| AC004448.2 | -1.66 | -6.43 | 1.67E-04 | 1.81E-02 |
| LINC00992 | -1.49 | -6.45 | 1.63E-04 | 1.81E-02 |
| CTC-459M5.2 | -1.65 | -6.45 | 1.62E-04 | 1.81E-02 |
| EPHX2 | -1.69 | -6.45 | 1.61E-04 | 1.81E-02 |
| CTD-2245F17.6 | -2.08 | -6.46 | 1.61E-04 | 1.81E-02 |
| COL21A1 | -1.72 | -6.46 | 1.60E-04 | 1.81E-02 |
| ALDH3A2 | -1.14 | -6.47 | 1.59E-04 | 1.81E-02 |
| ZNF471 | -1.98 | -6.47 | 1.59E-04 | 1.81E-02 |
| PUS1 | 0.95 | 6.41 | 1.70E-04 | 1.82E-02 |
| BARX2 | -2.06 | -6.41 | 1.70E-04 | 1.82E-02 |
| MCFD2 | 0.42 | 6.40 | 1.71E-04 | 1.83E-02 |
| PRNP | 1.16 | 6.40 | 1.72E-04 | 1.83E-02 |
| SH3D21 | 1.22 | 6.40 | 1.72E-04 | 1.83E-02 |
| GOLGA6L9 | -1.08 | -6.39 | 1.74E-04 | 1.85E-02 |
| MAB21L1 | -3.26 | -6.39 | 1.74E-04 | 1.85E-02 |
| SNX32 | 0.97 | 6.38 | 1.75E-04 | 1.85E-02 |
| AC133644.3 | 1.48 | 6.38 | 1.75E-04 | 1.85E-02 |
| AEN | 1.37 | 6.38 | 1.76E-04 | 1.86E-02 |
| CNGB1 | 3.95 | 6.37 | 1.77E-04 | 1.87E-02 |
| RP11-142L4.3 | 1.49 | 6.37 | 1.77E-04 | 1.87E-02 |
| FAM83H | 1.41 | 6.36 | 1.79E-04 | 1.88E-02 |
| ZNF429 | -1.82 | -6.35 | 1.81E-04 | 1.89E-02 |
| TNFRSF6B | 2.36 | 6.35 | 1.81E-04 | 1.90E-02 |
| RP11-54O7.14 | 1.90 | 6.35 | 1.82E-04 | 1.90E-02 |
| TDG | 0.78 | 6.34 | 1.83E-04 | 1.91E-02 |
| C10orf2 | 1.74 | 6.34 | 1.84E-04 | 1.91E-02 |
| SND1 | 0.54 | 6.34 | 1.84E-04 | 1.91E-02 |
| SCO2 | 1.35 | 6.33 | 1.84E-04 | 1.91E-02 |
| NCLN | 1.39 | 6.33 | 1.85E-04 | 1.91E-02 |
| TUBG1 | 1.07 | 6.33 | 1.85E-04 | 1.91E-02 |
| AMER1 | -0.95 | -6.33 | 1.85E-04 | 1.91E-02 |
| FGF12 | -2.11 | -6.33 | 1.84E-04 | 1.91E-02 |
| EPB41L4A | -1.82 | -6.32 | 1.87E-04 | 1.92E-02 |
| ETNK2 | -2.58 | -6.32 | 1.87E-04 | 1.92E-02 |
| SF3A3P1 | 1.05 | 6.31 | 1.89E-04 | 1.93E-02 |
| CTC-210G5.1 | -2.12 | -6.30 | 1.92E-04 | 1.96E-02 |
| GSDMD | 1.20 | 6.29 | 1.95E-04 | 1.98E-02 |
| RP11-510D19.1 | -1.65 | -6.29 | 1.95E-04 | 1.98E-02 |
| RP11-196O2.1 | -1.53 | -6.29 | 1.94E-04 | 1.98E-02 |
| MAGED4B | 1.59 | 6.28 | 1.96E-04 | 1.98E-02 |
| CLEC3B | -1.30 | -6.28 | 1.96E-04 | 1.98E-02 |
| CBR3-AS1 | -0.96 | -6.27 | 1.98E-04 | 2.00E-02 |
| HOMER3 | 1.87 | 6.27 | 1.99E-04 | 2.00E-02 |
| CDV3 | 0.37 | 6.26 | 2.00E-04 | 2.01E-02 |
| ZADH2 | -0.70 | -6.26 | 2.00E-04 | 2.01E-02 |
| CCDC30 | -0.94 | -6.26 | 2.00E-04 | 2.01E-02 |
| TTC28-AS1 | -1.04 | -6.26 | 2.01E-04 | 2.01E-02 |
| RNASEH1 | 0.90 | 6.25 | 2.02E-04 | 2.02E-02 |
| VPS37D | -2.06 | -6.25 | 2.02E-04 | 2.02E-02 |
| CFL1 | 0.92 | 6.25 | 2.03E-04 | 2.02E-02 |
| SLC38A4 | -1.12 | -6.24 | 2.04E-04 | 2.03E-02 |
| CTB-140J7.2 | 2.02 | 6.24 | 2.05E-04 | 2.03E-02 |
| AC026150.8 | -1.55 | -6.24 | 2.05E-04 | 2.03E-02 |
| HSP90B1 | 0.73 | 6.22 | 2.10E-04 | 2.08E-02 |
| RP11-159F24.5 | 2.22 | 6.21 | 2.12E-04 | 2.09E-02 |
| NSUN7 | -1.98 | -6.21 | 2.12E-04 | 2.09E-02 |
| RP1-152L7.1 | -1.70 | -6.20 | 2.14E-04 | 2.10E-02 |
| DCTN1-AS1 | 2.01 | 6.19 | 2.16E-04 | 2.11E-02 |
| C11orf24 | 0.62 | 6.19 | 2.16E-04 | 2.11E-02 |
| AC112721.2 | 2.43 | 6.19 | 2.17E-04 | 2.11E-02 |
| ARSH | -1.34 | -6.19 | 2.17E-04 | 2.11E-02 |
| CYP4F35P | -3.85 | -6.19 | 2.16E-04 | 2.11E-02 |
| AC009480.3 | -1.06 | -6.19 | 2.16E-04 | 2.11E-02 |
| C1orf56 | 0.96 | 6.18 | 2.18E-04 | 2.12E-02 |
| GOLGA6L10 | -1.19 | -6.18 | 2.19E-04 | 2.13E-02 |
| MROH9 | -1.78 | -6.18 | 2.20E-04 | 2.13E-02 |
| CLYBL | -0.85 | -6.17 | 2.22E-04 | 2.15E-02 |
| KRT17 | 5.68 | 6.16 | 2.23E-04 | 2.16E-02 |
| SNAPC4 | 0.78 | 6.16 | 2.25E-04 | 2.17E-02 |
| TGFA | 1.72 | 6.15 | 2.26E-04 | 2.17E-02 |
| HMGB3P9 | 1.57 | 6.15 | 2.27E-04 | 2.18E-02 |
| PITX2 | -2.35 | -6.15 | 2.27E-04 | 2.18E-02 |
| RP11-159F24.6 | 2.21 | 6.15 | 2.28E-04 | 2.18E-02 |
| GAPDHP47 | -1.73 | -6.14 | 2.28E-04 | 2.18E-02 |
| RP5-956O18.3 | 1.34 | 6.14 | 2.29E-04 | 2.18E-02 |
| RP11-152P17.3 | 4.79 | 6.13 | 2.33E-04 | 2.20E-02 |
| ZNF568 | -1.31 | -6.13 | 2.33E-04 | 2.20E-02 |
| RP11-135J2.4 | -0.81 | -6.13 | 2.33E-04 | 2.20E-02 |
| RP11-74C13.4 | -2.48 | -6.13 | 2.32E-04 | 2.20E-02 |
| CTD-2049J23.3 | -2.70 | -6.13 | 2.32E-04 | 2.20E-02 |
| ENPP5 | -2.20 | -6.13 | 2.32E-04 | 2.20E-02 |
| LRFN2 | -3.00 | -6.12 | 2.34E-04 | 2.20E-02 |
| SMOX | 2.49 | 6.12 | 2.35E-04 | 2.20E-02 |
| PDCD11 | 1.15 | 6.12 | 2.35E-04 | 2.20E-02 |
| AC007551.3 | -1.03 | -6.12 | 2.34E-04 | 2.20E-02 |
| TDRD3 | -0.69 | -6.12 | 2.35E-04 | 2.20E-02 |
| NCS1 | 1.01 | 6.11 | 2.37E-04 | 2.21E-02 |
| NSUN2 | 0.94 | 6.11 | 2.38E-04 | 2.22E-02 |
| SQLE | 1.70 | 6.11 | 2.38E-04 | 2.22E-02 |
| C16orf74 | 1.98 | 6.11 | 2.39E-04 | 2.22E-02 |
| RP11-1277A3.2 | -1.50 | -6.10 | 2.39E-04 | 2.22E-02 |
| RP11-568K15.1 | -1.49 | -6.10 | 2.39E-04 | 2.22E-02 |
| EXOSC7 | -0.96 | -6.09 | 2.43E-04 | 2.24E-02 |
| RP11-64B16.3 | -1.32 | -6.09 | 2.42E-04 | 2.24E-02 |
| ZMIZ1-AS1 | -1.02 | -6.09 | 2.42E-04 | 2.24E-02 |
| TAMM41 | -0.67 | -6.09 | 2.43E-04 | 2.24E-02 |
| COL4A1 | 1.39 | 6.08 | 2.45E-04 | 2.25E-02 |
| FOXN3 | -0.66 | -6.07 | 2.48E-04 | 2.27E-02 |
| RP11-410D17.2 | -0.91 | -6.07 | 2.48E-04 | 2.27E-02 |
| MICALL1 | 1.05 | 6.06 | 2.51E-04 | 2.29E-02 |
| INPP5E | 0.47 | 6.06 | 2.53E-04 | 2.30E-02 |
| TRMT61A | 0.87 | 6.05 | 2.53E-04 | 2.30E-02 |
| ELANE | -1.62 | -6.05 | 2.54E-04 | 2.30E-02 |
| RP11-303E16.7 | -1.35 | -6.05 | 2.53E-04 | 2.30E-02 |
| ZNF682 | -1.59 | -6.06 | 2.53E-04 | 2.30E-02 |
| USB1 | 1.56 | 6.05 | 2.56E-04 | 2.31E-02 |
| YWHAG | 0.68 | 6.04 | 2.56E-04 | 2.31E-02 |
| RP11-757O6.1 | -3.50 | -6.05 | 2.56E-04 | 2.31E-02 |
| AC133680.1 | -2.05 | -6.05 | 2.55E-04 | 2.31E-02 |
| CTC-215O4.4 | 0.82 | 6.04 | 2.57E-04 | 2.31E-02 |
| PHYHIP | -3.15 | -6.04 | 2.58E-04 | 2.31E-02 |
| PCCA | -0.89 | -6.04 | 2.58E-04 | 2.31E-02 |
| CHPT1 | -1.59 | -6.04 | 2.58E-04 | 2.31E-02 |
| GPR153 | 1.38 | 6.03 | 2.60E-04 | 2.32E-02 |
| CNN2 | 1.23 | 6.03 | 2.61E-04 | 2.33E-02 |
| RP11-626H12.2 | 1.84 | 6.03 | 2.61E-04 | 2.33E-02 |
| RP11-1070A24.1 | 2.04 | 6.02 | 2.62E-04 | 2.33E-02 |
| TMEM92 | 2.60 | 6.02 | 2.64E-04 | 2.33E-02 |
| DNMT1 | 0.68 | 6.02 | 2.64E-04 | 2.33E-02 |
| RP11-152P17.2 | 3.67 | 6.02 | 2.65E-04 | 2.33E-02 |
| TMEM132A | 2.03 | 6.01 | 2.65E-04 | 2.33E-02 |
| BRMS1 | 0.89 | 6.01 | 2.66E-04 | 2.33E-02 |
| ZSCAN12P1 | 2.00 | 6.01 | 2.66E-04 | 2.33E-02 |
| SELRC1 | 1.04 | 6.01 | 2.67E-04 | 2.33E-02 |
| SLC16A1 | 1.86 | 6.01 | 2.67E-04 | 2.33E-02 |
| SLC3A2 | 1.41 | 6.00 | 2.68E-04 | 2.33E-02 |
| FBXO45 | 2.13 | 6.00 | 2.69E-04 | 2.33E-02 |
| RP4-800J21.3 | 1.33 | 6.00 | 2.69E-04 | 2.33E-02 |
| RP11-517A5.4 | 0.88 | 6.00 | 2.70E-04 | 2.33E-02 |
| THRAP3 | 0.44 | 6.00 | 2.71E-04 | 2.33E-02 |
| RRAS2 | 0.83 | 6.00 | 2.71E-04 | 2.33E-02 |
| ARPC5L | 1.09 | 6.00 | 2.71E-04 | 2.33E-02 |
| LDHAL6EP | -2.64 | -6.00 | 2.71E-04 | 2.33E-02 |
| SYN2 | -1.89 | -6.00 | 2.69E-04 | 2.33E-02 |
| GOLGA8N | -1.27 | -6.00 | 2.69E-04 | 2.33E-02 |
| TOX3 | -4.19 | -6.00 | 2.69E-04 | 2.33E-02 |
| CTB-161M19.4 | -1.05 | -6.00 | 2.68E-04 | 2.33E-02 |
| IL34 | -1.58 | -6.01 | 2.67E-04 | 2.33E-02 |
| EZH1 | -0.62 | -6.02 | 2.65E-04 | 2.33E-02 |
| LY6K | 2.45 | 5.99 | 2.72E-04 | 2.33E-02 |
| RP11-643A5.2 | -1.00 | -5.99 | 2.73E-04 | 2.34E-02 |
| BEND3 | 1.15 | 5.98 | 2.76E-04 | 2.36E-02 |
| RP11-346M5.1 | -1.93 | -5.98 | 2.76E-04 | 2.36E-02 |
| LINC00903 | -3.28 | -5.98 | 2.77E-04 | 2.36E-02 |
| CTD-2089O24.1 | 1.66 | 5.97 | 2.78E-04 | 2.37E-02 |
| RP13-996F3.3 | -1.44 | -5.97 | 2.79E-04 | 2.37E-02 |
| BACH1-AS1 | 1.34 | 5.97 | 2.80E-04 | 2.38E-02 |
| CTD-2325B11.1 | -2.47 | -5.97 | 2.81E-04 | 2.38E-02 |
| GALK1 | 1.36 | 5.96 | 2.81E-04 | 2.38E-02 |
| RP11-175B12.2 | 2.36 | 5.96 | 2.82E-04 | 2.38E-02 |
| RP11-187C18.2 | -1.25 | -5.96 | 2.84E-04 | 2.39E-02 |
| PAK7 | -2.94 | -5.96 | 2.83E-04 | 2.39E-02 |
| CSRNP3 | -1.83 | -5.96 | 2.83E-04 | 2.39E-02 |
| SLC9A9 | -1.32 | -5.95 | 2.87E-04 | 2.41E-02 |
| ZNF345 | -1.31 | -5.94 | 2.87E-04 | 2.41E-02 |
| RP1-37C10.3 | 1.39 | 5.94 | 2.89E-04 | 2.41E-02 |
| ZBTB7C | -1.77 | -5.94 | 2.90E-04 | 2.41E-02 |
| RP11-152F13.3 | -1.45 | -5.94 | 2.90E-04 | 2.41E-02 |
| RP11-386O9.2 | -1.29 | -5.94 | 2.90E-04 | 2.41E-02 |
| RP11-637O19.3 | -0.54 | -5.94 | 2.90E-04 | 2.41E-02 |
| TDRG1 | -2.97 | -5.94 | 2.89E-04 | 2.41E-02 |
| ULK4P2 | -1.17 | -5.93 | 2.93E-04 | 2.42E-02 |
| RP11-876F14.1 | -2.43 | -5.93 | 2.92E-04 | 2.42E-02 |
| DESI1 | 0.84 | 5.92 | 2.96E-04 | 2.45E-02 |
| MYBL2 | 1.55 | 5.91 | 2.98E-04 | 2.46E-02 |
| ENTPD7 | 1.18 | 5.91 | 2.98E-04 | 2.46E-02 |
| RP11-369C8.1 | -1.57 | -5.91 | 2.98E-04 | 2.46E-02 |
| PLEKHB2 | 0.61 | 5.90 | 3.01E-04 | 2.47E-02 |
| RP11-472M19.2 | 1.21 | 5.90 | 3.01E-04 | 2.47E-02 |
| C1GALT1 | -1.00 | -5.90 | 3.01E-04 | 2.47E-02 |
| RP11-1134I14.8 | -2.26 | -5.91 | 3.01E-04 | 2.47E-02 |
| BCL9 | -1.07 | -5.89 | 3.05E-04 | 2.49E-02 |
| GOLGA8R | -1.20 | -5.89 | 3.05E-04 | 2.49E-02 |
| KB-1083B1.1 | -1.36 | -5.90 | 3.04E-04 | 2.49E-02 |
| FAM214B | 0.97 | 5.89 | 3.06E-04 | 2.49E-02 |
| SEMA3C | 1.79 | 5.89 | 3.07E-04 | 2.49E-02 |
| SCAND3P1 | -2.09 | -5.89 | 3.07E-04 | 2.49E-02 |
| ZCWPW2 | -1.17 | -5.89 | 3.07E-04 | 2.49E-02 |
| MIR3648 | 2.02 | 5.88 | 3.09E-04 | 2.50E-02 |
| DYNC1H1 | 0.87 | 5.88 | 3.09E-04 | 2.50E-02 |
| RP11-73M18.7 | 1.26 | 5.87 | 3.13E-04 | 2.52E-02 |
| S100A2 | 1.78 | 5.87 | 3.14E-04 | 2.52E-02 |
| ZC3H3 | 0.86 | 5.87 | 3.14E-04 | 2.52E-02 |
| RP11-444D3.1 | -1.41 | -5.87 | 3.14E-04 | 2.52E-02 |
| CCDC140 | -1.90 | -5.87 | 3.15E-04 | 2.53E-02 |
| PPP1R14C | 1.80 | 5.87 | 3.15E-04 | 2.53E-02 |
| RC3H1 | -0.47 | -5.86 | 3.16E-04 | 2.53E-02 |
| MTHFD1L | 1.55 | 5.86 | 3.19E-04 | 2.55E-02 |
| AL021977.1 | 1.50 | 5.86 | 3.19E-04 | 2.55E-02 |
| AC116609.1 | -1.08 | -5.85 | 3.21E-04 | 2.56E-02 |
| UHRF1 | 1.20 | 5.85 | 3.23E-04 | 2.57E-02 |
| PPARG | -1.92 | -5.84 | 3.23E-04 | 2.57E-02 |
| AC068491.2 | 1.52 | 5.84 | 3.24E-04 | 2.57E-02 |
| ATG10 | -0.66 | -5.84 | 3.26E-04 | 2.58E-02 |
| YBX1P1 | 1.75 | 5.83 | 3.27E-04 | 2.59E-02 |
| YBX2 | -2.75 | -5.83 | 3.27E-04 | 2.59E-02 |
| C11orf84 | 0.77 | 5.83 | 3.29E-04 | 2.59E-02 |
| AF127577.10 | 1.33 | 5.83 | 3.29E-04 | 2.59E-02 |
| RP11-1020A11.2 | -0.58 | -5.82 | 3.31E-04 | 2.61E-02 |
| AC111200.7 | -1.28 | -5.82 | 3.33E-04 | 2.61E-02 |
| AC097499.1 | -3.47 | -5.82 | 3.32E-04 | 2.61E-02 |
| RPE65 | 6.14 | 5.82 | 3.34E-04 | 2.62E-02 |
| DHX37 | 0.87 | 5.81 | 3.35E-04 | 2.62E-02 |
| RP11-373D23.3 | -1.47 | -5.81 | 3.35E-04 | 2.62E-02 |
| GALNT5 | -1.96 | -5.81 | 3.37E-04 | 2.63E-02 |
| TUSC7 | -3.56 | -5.81 | 3.38E-04 | 2.63E-02 |
| RPSAP52 | 3.10 | 5.80 | 3.39E-04 | 2.63E-02 |
| AGXT | -0.85 | -5.80 | 3.40E-04 | 2.63E-02 |
| RP11-23E10.3 | -0.85 | -5.80 | 3.40E-04 | 2.63E-02 |
| EPHA7 | -2.86 | -5.80 | 3.39E-04 | 2.63E-02 |
| LRFN4 | 1.45 | 5.80 | 3.43E-04 | 2.65E-02 |
| MYLIP | -1.40 | -5.79 | 3.44E-04 | 2.65E-02 |
| RPS3AP29 | -1.23 | -5.79 | 3.45E-04 | 2.66E-02 |
| EPRS | 0.65 | 5.78 | 3.50E-04 | 2.69E-02 |
| CYP27B1 | 2.01 | 5.78 | 3.51E-04 | 2.70E-02 |
| RERG | -1.85 | -5.77 | 3.53E-04 | 2.71E-02 |
| C3orf49 | -0.61 | -5.77 | 3.53E-04 | 2.71E-02 |
| AC116609.3 | -1.73 | -5.77 | 3.54E-04 | 2.71E-02 |
| PSMD3 | 0.61 | 5.77 | 3.55E-04 | 2.71E-02 |
| DAPK3 | 1.46 | 5.76 | 3.58E-04 | 2.73E-02 |
| VWA5A | -1.39 | -5.76 | 3.58E-04 | 2.73E-02 |
| AC068535.4 | -1.87 | -5.75 | 3.59E-04 | 2.74E-02 |
| RP6-191P20.3 | 1.62 | 5.75 | 3.60E-04 | 2.74E-02 |
| PI15 | 2.27 | 5.75 | 3.62E-04 | 2.74E-02 |
| FAXDC2 | -0.96 | -5.75 | 3.62E-04 | 2.74E-02 |
| AC006116.24 | -1.51 | -5.75 | 3.63E-04 | 2.75E-02 |
| GPC5-AS1 | -1.41 | -5.74 | 3.64E-04 | 2.75E-02 |
| FAM120A | 0.36 | 5.74 | 3.65E-04 | 2.76E-02 |
| RP11-1277A3.1 | -1.30 | -5.74 | 3.66E-04 | 2.76E-02 |
| ACBD4 | -0.75 | -5.74 | 3.66E-04 | 2.76E-02 |
| AC114812.10 | -3.90 | -5.73 | 3.71E-04 | 2.80E-02 |
| MED15 | 0.55 | 5.73 | 3.72E-04 | 2.80E-02 |
| PTPN12 | 0.91 | 5.72 | 3.76E-04 | 2.82E-02 |
| DNAJC27-AS1 | -1.51 | -5.72 | 3.77E-04 | 2.82E-02 |
| FICD | 0.61 | 5.71 | 3.80E-04 | 2.84E-02 |
| DDX39A | 0.90 | 5.71 | 3.81E-04 | 2.84E-02 |
| NKRF | 0.73 | 5.71 | 3.81E-04 | 2.84E-02 |
| MRPL14 | 1.04 | 5.71 | 3.81E-04 | 2.84E-02 |
| KRT8P44 | -1.65 | -5.70 | 3.82E-04 | 2.85E-02 |
| RP11-134L10.1 | 0.88 | 5.70 | 3.83E-04 | 2.85E-02 |
| NPLOC4 | 0.80 | 5.70 | 3.85E-04 | 2.86E-02 |
| FSCN1 | 2.00 | 5.69 | 3.87E-04 | 2.86E-02 |
| OTUD4 | 0.43 | 5.69 | 3.88E-04 | 2.86E-02 |
| MSN | 0.73 | 5.69 | 3.89E-04 | 2.86E-02 |
| REEP3 | 0.55 | 5.69 | 3.89E-04 | 2.86E-02 |
| RP13-608F4.8 | -1.24 | -5.69 | 3.89E-04 | 2.86E-02 |
| KRT18P13 | -2.65 | -5.69 | 3.89E-04 | 2.86E-02 |
| RP11-340I6.8 | -1.72 | -5.69 | 3.88E-04 | 2.86E-02 |
| ROR1 | -2.31 | -5.69 | 3.88E-04 | 2.86E-02 |
| ANGPTL1 | -1.30 | -5.69 | 3.88E-04 | 2.86E-02 |
| CTD-2561J22.5 | -1.92 | -5.69 | 3.90E-04 | 2.86E-02 |
| RP11-719N22.2 | -3.37 | -5.68 | 3.92E-04 | 2.86E-02 |
| RPL5P8 | -1.52 | -5.68 | 3.91E-04 | 2.86E-02 |
| SLC52A2 | 1.16 | 5.68 | 3.94E-04 | 2.87E-02 |
| LSG1 | 0.71 | 5.67 | 3.96E-04 | 2.88E-02 |
| PSMB7 | 0.82 | 5.67 | 3.97E-04 | 2.88E-02 |
| RAB36 | -0.51 | -5.67 | 3.97E-04 | 2.88E-02 |
| CYBRD1 | -1.42 | -5.67 | 3.97E-04 | 2.88E-02 |
| RP11-137J7.3 | 1.41 | 5.67 | 3.99E-04 | 2.89E-02 |
| C1orf216 | 1.09 | 5.67 | 3.99E-04 | 2.89E-02 |
| C2CD4C | 1.82 | 5.66 | 4.01E-04 | 2.90E-02 |
| RAD23B | 0.78 | 5.66 | 4.04E-04 | 2.90E-02 |
| HIF1A-AS1 | 0.94 | 5.66 | 4.04E-04 | 2.90E-02 |
| AP000688.15 | -1.29 | -5.65 | 4.05E-04 | 2.90E-02 |
| RP11-421F16.3 | -0.83 | -5.65 | 4.05E-04 | 2.90E-02 |
| RP11-258C19.5 | -1.11 | -5.66 | 4.05E-04 | 2.90E-02 |
| FGF14 | -3.08 | -5.66 | 4.03E-04 | 2.90E-02 |
| AC094019.4 | -1.98 | -5.66 | 4.03E-04 | 2.90E-02 |
| RP11-81N13.1 | -1.02 | -5.66 | 4.02E-04 | 2.90E-02 |
| PSMC3 | 1.39 | 5.65 | 4.06E-04 | 2.91E-02 |
| WDR66 | 1.97 | 5.65 | 4.08E-04 | 2.92E-02 |
| ALYREF | 1.38 | 5.65 | 4.09E-04 | 2.92E-02 |
| NTRK3 | -3.07 | -5.64 | 4.11E-04 | 2.92E-02 |
| AC093415.2 | -1.24 | -5.64 | 4.11E-04 | 2.92E-02 |
| RP11-89H19.1 | 1.31 | 5.64 | 4.13E-04 | 2.93E-02 |
| BACH1 | 0.80 | 5.64 | 4.14E-04 | 2.93E-02 |
| CTC-459M5.1 | -1.54 | -5.64 | 4.14E-04 | 2.93E-02 |
| C15orf38 | -0.41 | -5.63 | 4.16E-04 | 2.94E-02 |
| PHF17 | -0.85 | -5.63 | 4.16E-04 | 2.94E-02 |
| KAT7 | -0.57 | -5.63 | 4.17E-04 | 2.95E-02 |
| ASXL3 | -2.55 | -5.63 | 4.19E-04 | 2.95E-02 |
| ZNF585A | -1.04 | -5.63 | 4.18E-04 | 2.95E-02 |
| APPL1 | -0.67 | -5.63 | 4.20E-04 | 2.95E-02 |
| PTPRZ1 | 2.56 | 5.62 | 4.22E-04 | 2.97E-02 |
| STIP1 | 1.07 | 5.62 | 4.24E-04 | 2.97E-02 |
| RP11-598F7.5 | 1.76 | 5.62 | 4.24E-04 | 2.97E-02 |
| RP11-24J23.2 | -2.17 | -5.61 | 4.29E-04 | 3.00E-02 |
| AC114812.8 | -3.69 | -5.61 | 4.29E-04 | 3.00E-02 |
| RP11-448G4.2 | 1.07 | 5.60 | 4.31E-04 | 3.01E-02 |
| RP11-132E11.2 | -1.39 | -5.60 | 4.31E-04 | 3.01E-02 |
| MARCKSL1 | 1.93 | 5.60 | 4.33E-04 | 3.02E-02 |
| FNDC4 | -1.40 | -5.60 | 4.34E-04 | 3.02E-02 |
| LYAR | 1.21 | 5.60 | 4.35E-04 | 3.02E-02 |
| RP11-993B23.3 | 2.40 | 5.59 | 4.36E-04 | 3.02E-02 |
| AC004951.6 | 0.70 | 5.59 | 4.36E-04 | 3.02E-02 |
| TMEM150C | -1.54 | -5.59 | 4.36E-04 | 3.02E-02 |
| CEBPB | 1.58 | 5.59 | 4.38E-04 | 3.03E-02 |
| MICALCL | 1.66 | 5.59 | 4.39E-04 | 3.03E-02 |
| LLNLR-249E10.1 | -2.24 | -5.59 | 4.39E-04 | 3.03E-02 |
| FAN1 | -0.68 | -5.58 | 4.44E-04 | 3.06E-02 |
| AAR2 | 0.63 | 5.57 | 4.47E-04 | 3.06E-02 |
| UQCC2 | 0.71 | 5.57 | 4.47E-04 | 3.06E-02 |
| RP11-152F13.8 | -1.23 | -5.57 | 4.46E-04 | 3.06E-02 |
| RP11-96D24.1 | -1.17 | -5.58 | 4.46E-04 | 3.06E-02 |
| ACSF2 | -0.60 | -5.58 | 4.45E-04 | 3.06E-02 |
| RP11-367F23.2 | 2.82 | 5.57 | 4.49E-04 | 3.06E-02 |
| LRP8 | 1.38 | 5.57 | 4.49E-04 | 3.06E-02 |
| PTHLH | 2.37 | 5.57 | 4.49E-04 | 3.06E-02 |
| LRRC37A5P | -1.43 | -5.57 | 4.51E-04 | 3.07E-02 |
| SLC1A1 | -1.75 | -5.56 | 4.54E-04 | 3.08E-02 |
| AC018730.1 | -3.99 | -5.56 | 4.56E-04 | 3.09E-02 |
| AC078842.4 | -3.20 | -5.56 | 4.56E-04 | 3.09E-02 |
| LINC00086 | -2.70 | -5.55 | 4.59E-04 | 3.11E-02 |
| LCORL | -0.74 | -5.54 | 4.66E-04 | 3.15E-02 |
| HSPA13 | 0.90 | 5.54 | 4.68E-04 | 3.15E-02 |
| CARD18 | 3.84 | 5.54 | 4.68E-04 | 3.15E-02 |
| EMR3 | 0.98 | 5.53 | 4.69E-04 | 3.15E-02 |
| RP11-1017G21.4 | 0.83 | 5.53 | 4.70E-04 | 3.15E-02 |
| ARSI | 1.53 | 5.53 | 4.70E-04 | 3.15E-02 |
| RAE1 | 0.46 | 5.53 | 4.71E-04 | 3.15E-02 |
| L3MBTL1 | -1.01 | -5.53 | 4.71E-04 | 3.15E-02 |
| KLHDC1 | -1.34 | -5.53 | 4.70E-04 | 3.15E-02 |
| RP11-386I8.6 | -0.92 | -5.53 | 4.70E-04 | 3.15E-02 |
| SENP3-EIF4A1 | 0.87 | 5.53 | 4.72E-04 | 3.16E-02 |
| CANX | 0.78 | 5.52 | 4.76E-04 | 3.16E-02 |
| ANKRD20A2 | -1.98 | -5.52 | 4.77E-04 | 3.16E-02 |
| ADCYAP1R1 | -2.06 | -5.52 | 4.76E-04 | 3.16E-02 |
| GSTA3 | -2.57 | -5.52 | 4.76E-04 | 3.16E-02 |
| PPP3R1 | -0.31 | -5.52 | 4.75E-04 | 3.16E-02 |
| RP11-378A12.1 | -2.57 | -5.52 | 4.74E-04 | 3.16E-02 |
| IPO13 | 0.97 | 5.52 | 4.78E-04 | 3.17E-02 |
| TRPV3 | 2.87 | 5.51 | 4.80E-04 | 3.18E-02 |
| SLC5A7 | -1.15 | -5.52 | 4.80E-04 | 3.18E-02 |
| SORCS2 | 1.98 | 5.51 | 4.81E-04 | 3.18E-02 |
| RIC3 | -2.08 | -5.51 | 4.81E-04 | 3.18E-02 |
| ZNF696 | 1.27 | 5.51 | 4.84E-04 | 3.19E-02 |
| MTHFD2 | 1.02 | 5.51 | 4.84E-04 | 3.19E-02 |
| GANAB | 0.64 | 5.50 | 4.86E-04 | 3.19E-02 |
| LOC100421166 | -2.00 | -5.51 | 4.86E-04 | 3.19E-02 |
| RP11-410E4.1 | -0.80 | -5.50 | 4.88E-04 | 3.20E-02 |
| ARMC6 | 0.80 | 5.49 | 4.93E-04 | 3.21E-02 |
| ST13P12 | 3.64 | 5.49 | 4.94E-04 | 3.21E-02 |
| TSEN2 | -0.40 | -5.49 | 4.94E-04 | 3.21E-02 |
| ZNF630 | -1.08 | -5.49 | 4.93E-04 | 3.21E-02 |
| NEIL1 | -1.28 | -5.49 | 4.93E-04 | 3.21E-02 |
| RP11-700H13.1 | -1.12 | -5.49 | 4.93E-04 | 3.21E-02 |
| ZNF470 | -1.25 | -5.50 | 4.92E-04 | 3.21E-02 |
| COL27A1 | 1.36 | 5.49 | 4.96E-04 | 3.22E-02 |
| RP11-568J23.5 | 1.21 | 5.49 | 4.97E-04 | 3.22E-02 |
| PML | 0.90 | 5.48 | 4.99E-04 | 3.23E-02 |
| NECAB1 | -1.54 | -5.48 | 5.02E-04 | 3.25E-02 |
| FBXW4 | -0.48 | -5.48 | 5.04E-04 | 3.26E-02 |
| DHX33 | 0.97 | 5.47 | 5.08E-04 | 3.27E-02 |
| TOR4A | 2.05 | 5.47 | 5.08E-04 | 3.27E-02 |
| SDF4 | 0.96 | 5.47 | 5.10E-04 | 3.27E-02 |
| CDNF | -1.43 | -5.47 | 5.10E-04 | 3.27E-02 |
| SMARCA2 | -0.76 | -5.47 | 5.09E-04 | 3.27E-02 |
| PURA | -0.42 | -5.47 | 5.08E-04 | 3.27E-02 |
| RP11-114G22.1 | -3.68 | -5.47 | 5.07E-04 | 3.27E-02 |
| CTD-3179P9.1 | -2.42 | -5.46 | 5.11E-04 | 3.28E-02 |
| CYP24A1 | 3.49 | 5.46 | 5.15E-04 | 3.29E-02 |
| BRINP3 | -3.17 | -5.46 | 5.14E-04 | 3.29E-02 |
| RP11-515O17.2 | -2.84 | -5.46 | 5.16E-04 | 3.30E-02 |
| MARC2 | -1.53 | -5.45 | 5.17E-04 | 3.30E-02 |
| SGCZ | -2.74 | -5.45 | 5.20E-04 | 3.31E-02 |
| AC021860.1 | -1.61 | -5.45 | 5.20E-04 | 3.31E-02 |
| RP11-603J24.17 | 0.87 | 5.45 | 5.21E-04 | 3.31E-02 |
| RP11-307C12.12 | 0.94 | 5.45 | 5.22E-04 | 3.32E-02 |
| HMGB3P8 | 3.02 | 5.44 | 5.24E-04 | 3.32E-02 |
| IPO5 | 0.65 | 5.44 | 5.24E-04 | 3.32E-02 |
| ZNF707 | 1.41 | 5.44 | 5.25E-04 | 3.32E-02 |
| TCTE3 | -0.79 | -5.44 | 5.25E-04 | 3.32E-02 |
| RP11-13N12.1 | -2.31 | -5.44 | 5.26E-04 | 3.32E-02 |
| LAMA1 | 2.78 | 5.44 | 5.27E-04 | 3.32E-02 |
| ELAC2 | 0.69 | 5.43 | 5.29E-04 | 3.33E-02 |
| RP11-686D22.10 | 1.23 | 5.43 | 5.30E-04 | 3.33E-02 |
| AC007787.2 | -1.59 | -5.44 | 5.29E-04 | 3.33E-02 |
| RP11-353N4.2 | 0.76 | 5.43 | 5.30E-04 | 3.33E-02 |
| INF2 | 0.73 | 5.43 | 5.31E-04 | 3.33E-02 |
| EREG | 2.12 | 5.43 | 5.32E-04 | 3.33E-02 |
| CANT1 | 0.66 | 5.43 | 5.33E-04 | 3.33E-02 |
| TBL2 | 0.47 | 5.43 | 5.34E-04 | 3.33E-02 |
| DISP1 | -0.95 | -5.43 | 5.33E-04 | 3.33E-02 |
| WDR62 | 1.00 | 5.43 | 5.35E-04 | 3.34E-02 |
| RPA3-AS1 | -0.49 | -5.43 | 5.35E-04 | 3.34E-02 |
| ZNF420 | -1.22 | -5.42 | 5.36E-04 | 3.34E-02 |
| KIAA0930 | 0.74 | 5.42 | 5.38E-04 | 3.34E-02 |
| RP11-366L20.3 | 2.60 | 5.42 | 5.41E-04 | 3.34E-02 |
| NOP56 | 0.96 | 5.41 | 5.44E-04 | 3.34E-02 |
| CTC-326K19.6 | 0.73 | 5.41 | 5.44E-04 | 3.34E-02 |
| RP11-276H1.2 | 2.12 | 5.41 | 5.45E-04 | 3.34E-02 |
| C12orf5 | 1.37 | 5.41 | 5.45E-04 | 3.34E-02 |
| CD80 | 2.23 | 5.41 | 5.46E-04 | 3.34E-02 |
| RP11-567I13.1 | 0.75 | 5.41 | 5.46E-04 | 3.34E-02 |
| RP11-247A12.2 | 1.23 | 5.41 | 5.46E-04 | 3.34E-02 |
| RANBP3L | -2.80 | -5.41 | 5.47E-04 | 3.34E-02 |
| HAAO | -1.49 | -5.41 | 5.47E-04 | 3.34E-02 |
| SETMAR | -0.84 | -5.41 | 5.45E-04 | 3.34E-02 |
| HIBCH | -0.84 | -5.41 | 5.44E-04 | 3.34E-02 |
| ZNF626 | -1.52 | -5.41 | 5.43E-04 | 3.34E-02 |
| RP4-734C18.1 | -2.57 | -5.42 | 5.43E-04 | 3.34E-02 |
| ABCA10 | -1.91 | -5.42 | 5.40E-04 | 3.34E-02 |
| HIF3A | -3.11 | -5.42 | 5.39E-04 | 3.34E-02 |
| RAB3B | 2.73 | 5.41 | 5.49E-04 | 3.35E-02 |
| PA2G4 | 0.87 | 5.40 | 5.54E-04 | 3.37E-02 |
| KLHL32 | -0.98 | -5.40 | 5.55E-04 | 3.37E-02 |
| PLCXD3 | -2.78 | -5.40 | 5.55E-04 | 3.37E-02 |
| PTGES3L | 1.37 | 5.39 | 5.57E-04 | 3.38E-02 |
| ORC6 | 1.40 | 5.39 | 5.58E-04 | 3.39E-02 |
| RP11-182J1.10 | -1.89 | -5.39 | 5.60E-04 | 3.40E-02 |
| PLLP | -1.54 | -5.39 | 5.63E-04 | 3.41E-02 |
| FAM19A2 | -0.76 | -5.38 | 5.66E-04 | 3.42E-02 |
| RP11-23P13.7 | 1.40 | 5.38 | 5.69E-04 | 3.43E-02 |
| PNKP | 0.74 | 5.38 | 5.70E-04 | 3.43E-02 |
| GYS2 | -2.38 | -5.38 | 5.70E-04 | 3.43E-02 |
| MORC2-AS1 | 0.87 | 5.37 | 5.71E-04 | 3.44E-02 |
| DPH2 | 1.19 | 5.37 | 5.73E-04 | 3.44E-02 |
| PSMD2 | 1.10 | 5.37 | 5.73E-04 | 3.44E-02 |
| KDM3B | -0.36 | -5.37 | 5.72E-04 | 3.44E-02 |
| MRFAP1 | 0.90 | 5.36 | 5.79E-04 | 3.45E-02 |
| RP5-1142A6.9 | 1.09 | 5.36 | 5.81E-04 | 3.45E-02 |
| LRPPRC | 0.51 | 5.36 | 5.81E-04 | 3.45E-02 |
| TMEM184B | 1.03 | 5.36 | 5.83E-04 | 3.45E-02 |
| AF127577.11 | 1.21 | 5.36 | 5.83E-04 | 3.45E-02 |
| EIF4A1 | 0.90 | 5.36 | 5.84E-04 | 3.45E-02 |
| AC011999.1 | -1.27 | -5.36 | 5.84E-04 | 3.45E-02 |
| RPS3AP34 | -2.16 | -5.36 | 5.82E-04 | 3.45E-02 |
| ASCL4 | -0.67 | -5.36 | 5.81E-04 | 3.45E-02 |
| MIPEPP2 | -0.67 | -5.36 | 5.81E-04 | 3.45E-02 |
| RP11-10F11.2 | -0.67 | -5.36 | 5.81E-04 | 3.45E-02 |
| RP11-481E4.2 | -0.67 | -5.36 | 5.81E-04 | 3.45E-02 |
| SUMO1P1 | -0.67 | -5.36 | 5.81E-04 | 3.45E-02 |
| RP11-93N20.1 | -1.57 | -5.36 | 5.79E-04 | 3.45E-02 |
| RP11-793A3.2 | -2.09 | -5.35 | 5.85E-04 | 3.46E-02 |
| FMO3 | -1.50 | -5.35 | 5.89E-04 | 3.48E-02 |
| RAB8A | 0.34 | 5.35 | 5.91E-04 | 3.48E-02 |
| SPP1 | 3.18 | 5.34 | 5.94E-04 | 3.49E-02 |
| MED24 | 0.57 | 5.34 | 5.95E-04 | 3.49E-02 |
| RP11-352D13.5 | -2.02 | -5.34 | 5.96E-04 | 3.49E-02 |
| RP11-204M4.1 | -2.48 | -5.34 | 5.95E-04 | 3.49E-02 |
| RP11-100M12.3 | -1.35 | -5.34 | 5.95E-04 | 3.49E-02 |
| QRICH2 | -1.07 | -5.34 | 5.97E-04 | 3.49E-02 |
| TGFA-IT1 | 2.03 | 5.34 | 5.99E-04 | 3.50E-02 |
| RP1-66C13.4 | -0.95 | -5.33 | 6.00E-04 | 3.51E-02 |
| EWSR1 | 0.25 | 5.33 | 6.02E-04 | 3.52E-02 |
| HNRNPKP4 | 1.26 | 5.33 | 6.03E-04 | 3.52E-02 |
| BTD | -0.92 | -5.33 | 6.07E-04 | 3.53E-02 |
| RP11-412D9.4 | -1.74 | -5.32 | 6.09E-04 | 3.55E-02 |
| MMP7 | 4.31 | 5.32 | 6.12E-04 | 3.55E-02 |
| SERPINB7 | 3.09 | 5.32 | 6.12E-04 | 3.55E-02 |
| RP11-108K3.2 | 2.60 | 5.32 | 6.12E-04 | 3.55E-02 |
| FAM154A | -1.74 | -5.32 | 6.11E-04 | 3.55E-02 |
| CD24P2 | 2.34 | 5.32 | 6.14E-04 | 3.55E-02 |
| TAPT1 | -0.64 | -5.32 | 6.14E-04 | 3.55E-02 |
| PKP4 | -0.41 | -5.32 | 6.14E-04 | 3.55E-02 |
| EMC8 | 0.70 | 5.31 | 6.15E-04 | 3.55E-02 |
| RP11-13J10.1 | -4.06 | -5.31 | 6.17E-04 | 3.56E-02 |
| NEURL3 | 3.13 | 5.31 | 6.19E-04 | 3.57E-02 |
| AC139099.5 | 2.15 | 5.31 | 6.20E-04 | 3.57E-02 |
| MKL2 | -0.72 | -5.31 | 6.20E-04 | 3.57E-02 |
| PNLIPRP3 | 4.07 | 5.31 | 6.21E-04 | 3.57E-02 |
| NYNRIN | -1.60 | -5.31 | 6.22E-04 | 3.57E-02 |
| CYP27C1 | 2.62 | 5.30 | 6.25E-04 | 3.58E-02 |
| AC005822.1 | 1.73 | 5.30 | 6.26E-04 | 3.58E-02 |
| RP4-755D9.1 | -1.40 | -5.30 | 6.26E-04 | 3.58E-02 |
| SERTAD4 | -2.08 | -5.30 | 6.25E-04 | 3.58E-02 |
| IL24 | 2.91 | 5.30 | 6.30E-04 | 3.59E-02 |
| MID1 | -1.25 | -5.29 | 6.30E-04 | 3.59E-02 |
| CLDN11 | -1.87 | -5.29 | 6.37E-04 | 3.60E-02 |
| TPSB2 | -1.56 | -5.29 | 6.37E-04 | 3.60E-02 |
| RP11-38L15.3 | -1.20 | -5.29 | 6.36E-04 | 3.60E-02 |
| RP11-324E6.9 | -0.55 | -5.29 | 6.36E-04 | 3.60E-02 |
| RP5-988G17.1 | -0.55 | -5.29 | 6.36E-04 | 3.60E-02 |
| RPL3P13 | -0.55 | -5.29 | 6.36E-04 | 3.60E-02 |
| RP11-308D16.4 | -0.71 | -5.29 | 6.33E-04 | 3.60E-02 |
| C3orf83 | -0.50 | -5.29 | 6.38E-04 | 3.61E-02 |
| LINC01011 | -1.37 | -5.28 | 6.39E-04 | 3.61E-02 |
| MGAT4C | -1.33 | -5.28 | 6.39E-04 | 3.61E-02 |
| RBCK1 | 0.57 | 5.28 | 6.40E-04 | 3.61E-02 |
| RP11-322D14.1 | 1.89 | 5.28 | 6.41E-04 | 3.61E-02 |
| MPPED2 | -2.13 | -5.28 | 6.41E-04 | 3.61E-02 |
| NCF2 | 1.12 | 5.27 | 6.46E-04 | 3.63E-02 |
| PSMD13 | 1.25 | 5.27 | 6.46E-04 | 3.63E-02 |
| RAD54L | 0.71 | 5.27 | 6.48E-04 | 3.63E-02 |
| PANX1 | 1.20 | 5.27 | 6.48E-04 | 3.63E-02 |
| RP11-131K5.1 | -1.72 | -5.27 | 6.50E-04 | 3.64E-02 |
| DAP3 | 0.51 | 5.27 | 6.53E-04 | 3.65E-02 |
| CLIC4 | 0.73 | 5.26 | 6.55E-04 | 3.66E-02 |
| RP11-180P8.5 | 2.46 | 5.26 | 6.55E-04 | 3.66E-02 |
| THOP1 | 0.95 | 5.26 | 6.56E-04 | 3.66E-02 |
| PTRF | 0.97 | 5.26 | 6.57E-04 | 3.66E-02 |
| RP11-76G10.1 | -2.19 | -5.26 | 6.57E-04 | 3.66E-02 |
| NUS1 | 0.67 | 5.26 | 6.59E-04 | 3.66E-02 |
| AP000349.1 | 4.06 | 5.26 | 6.60E-04 | 3.67E-02 |
| RP5-1142A6.7 | 1.64 | 5.25 | 6.63E-04 | 3.67E-02 |
| DPP9 | 0.72 | 5.25 | 6.63E-04 | 3.67E-02 |
| AC092964.1 | 1.42 | 5.25 | 6.65E-04 | 3.67E-02 |
| DDX23 | 0.80 | 5.25 | 6.66E-04 | 3.67E-02 |
| RBP4 | -2.54 | -5.25 | 6.66E-04 | 3.67E-02 |
| CYP2U1 | -1.17 | -5.25 | 6.65E-04 | 3.67E-02 |
| CTD-2007H13.3 | -0.70 | -5.25 | 6.65E-04 | 3.67E-02 |
| C1orf63 | -0.52 | -5.25 | 6.65E-04 | 3.67E-02 |
| BRD7P2 | 0.85 | 5.25 | 6.67E-04 | 3.67E-02 |
| EIF2S1 | 0.76 | 5.24 | 6.73E-04 | 3.70E-02 |
| SNORD109A | -1.47 | -5.24 | 6.75E-04 | 3.70E-02 |
| MTMR8 | -1.52 | -5.24 | 6.75E-04 | 3.70E-02 |
| C2orf73 | -1.72 | -5.24 | 6.74E-04 | 3.70E-02 |
| ICA1L | -1.59 | -5.24 | 6.74E-04 | 3.70E-02 |
| DDA1 | 0.66 | 5.24 | 6.76E-04 | 3.70E-02 |
| THOC5 | 0.47 | 5.24 | 6.79E-04 | 3.71E-02 |
| CYP2F1 | -3.11 | -5.24 | 6.78E-04 | 3.71E-02 |
| USH2A | -1.08 | -5.23 | 6.83E-04 | 3.73E-02 |
| ZNF540 | -1.35 | -5.23 | 6.86E-04 | 3.73E-02 |
| MGST2 | -0.96 | -5.23 | 6.86E-04 | 3.73E-02 |
| HADH | -0.51 | -5.23 | 6.85E-04 | 3.73E-02 |
| ZNF43 | -1.28 | -5.23 | 6.85E-04 | 3.73E-02 |
| KLC2 | 1.12 | 5.22 | 6.89E-04 | 3.73E-02 |
| GKAP1 | -1.61 | -5.22 | 6.89E-04 | 3.73E-02 |
| AF186192.5 | -1.42 | -5.22 | 6.89E-04 | 3.73E-02 |
| ITGB4 | 1.40 | 5.22 | 6.91E-04 | 3.74E-02 |
| RP11-121A14.3 | 1.45 | 5.22 | 6.91E-04 | 3.74E-02 |
| FAM184A | -1.61 | -5.22 | 6.91E-04 | 3.74E-02 |
| EFNA2 | -1.22 | -5.22 | 6.93E-04 | 3.74E-02 |
| RP11-213G2.3 | -1.15 | -5.22 | 6.93E-04 | 3.74E-02 |
| CTAGE14P | -1.27 | -5.22 | 6.93E-04 | 3.74E-02 |
| AF121897.4 | -0.29 | -5.21 | 6.97E-04 | 3.74E-02 |
| GOLGA2P6 | -0.29 | -5.21 | 6.97E-04 | 3.74E-02 |
| R3HDM2P2 | -0.29 | -5.21 | 6.97E-04 | 3.74E-02 |
| TRIM53AP | -0.29 | -5.21 | 6.97E-04 | 3.74E-02 |
| CTC-513N18.7 | -1.52 | -5.22 | 6.96E-04 | 3.74E-02 |
| SHANK2 | 1.96 | 5.21 | 6.99E-04 | 3.74E-02 |
| RP11-625L16.3 | 2.20 | 5.21 | 6.99E-04 | 3.74E-02 |
| WNK4 | -2.33 | -5.21 | 7.00E-04 | 3.74E-02 |
| RP3-522D1.1 | 1.21 | 5.21 | 7.04E-04 | 3.75E-02 |
| NOVA1 | -2.15 | -5.21 | 7.05E-04 | 3.75E-02 |
| TMTC2 | -0.95 | -5.21 | 7.04E-04 | 3.75E-02 |
| RSBN1L | -0.32 | -5.21 | 7.03E-04 | 3.75E-02 |
| RP11-424C20.2 | 2.28 | 5.20 | 7.08E-04 | 3.77E-02 |
| OR7E7P | -1.40 | -5.20 | 7.09E-04 | 3.77E-02 |
| AC017048.1 | -3.66 | -5.20 | 7.09E-04 | 3.77E-02 |
| ZAN | 3.15 | 5.20 | 7.11E-04 | 3.77E-02 |
| FSD1L | 0.83 | 5.20 | 7.12E-04 | 3.77E-02 |
| RP11-328J2.1 | -0.79 | -5.20 | 7.13E-04 | 3.78E-02 |
| SLC7A14 | -2.00 | -5.19 | 7.17E-04 | 3.79E-02 |
| ATF5 | 1.16 | 5.19 | 7.20E-04 | 3.80E-02 |
| RP11-297P16.3 | 3.81 | 5.19 | 7.21E-04 | 3.81E-02 |
| RP11-202K23.1 | -1.88 | -5.19 | 7.22E-04 | 3.81E-02 |
| UBC | 1.34 | 5.18 | 7.24E-04 | 3.81E-02 |
| FOLR3 | 3.25 | 5.18 | 7.25E-04 | 3.82E-02 |
| LINC00639 | -1.80 | -5.18 | 7.28E-04 | 3.83E-02 |
| HSPH1 | 1.20 | 5.18 | 7.31E-04 | 3.84E-02 |
| AC046143.3 | 0.94 | 5.17 | 7.33E-04 | 3.85E-02 |
| CYSLTR1 | -2.11 | -5.17 | 7.34E-04 | 3.85E-02 |
| PLEKHA6 | -0.89 | -5.17 | 7.34E-04 | 3.85E-02 |
| KCNC3 | 0.94 | 5.17 | 7.35E-04 | 3.85E-02 |
| NRBF2 | 1.14 | 5.17 | 7.36E-04 | 3.85E-02 |
| CORO1C | 0.68 | 5.17 | 7.39E-04 | 3.86E-02 |
| ANKFY1 | 0.42 | 5.17 | 7.40E-04 | 3.86E-02 |
| LINC00159 | -1.36 | -5.17 | 7.40E-04 | 3.86E-02 |
| KATNAL2 | -1.42 | -5.17 | 7.40E-04 | 3.86E-02 |
| CXCL1 | 2.76 | 5.17 | 7.42E-04 | 3.86E-02 |
| PLOD3 | 0.83 | 5.16 | 7.44E-04 | 3.87E-02 |
| RN7SL188P | -1.20 | -5.16 | 7.43E-04 | 3.87E-02 |
| CLSPN | 2.01 | 5.16 | 7.49E-04 | 3.89E-02 |
| EIF5B | 0.65 | 5.16 | 7.51E-04 | 3.89E-02 |
| RP11-380D23.2 | -5.10 | -5.16 | 7.50E-04 | 3.89E-02 |
| CSNK2A3 | 0.71 | 5.15 | 7.53E-04 | 3.90E-02 |
| TCIRG1 | 0.77 | 5.15 | 7.54E-04 | 3.90E-02 |
| RP11-779P15.1 | -2.05 | -5.15 | 7.54E-04 | 3.90E-02 |
| MPTX1 | -1.95 | -5.15 | 7.57E-04 | 3.91E-02 |
| BCAR1 | 0.71 | 5.15 | 7.59E-04 | 3.91E-02 |
| WTAPP1 | 5.42 | 5.15 | 7.59E-04 | 3.91E-02 |
| RP11-473C19.1 | -2.43 | -5.15 | 7.60E-04 | 3.91E-02 |
| AHCTF1 | 0.35 | 5.15 | 7.61E-04 | 3.92E-02 |
| PLEK2 | 1.43 | 5.14 | 7.66E-04 | 3.93E-02 |
| EBNA1BP2 | 1.00 | 5.14 | 7.68E-04 | 3.93E-02 |
| TAC4 | -0.54 | -5.14 | 7.68E-04 | 3.93E-02 |
| AC093159.1 | -3.77 | -5.14 | 7.68E-04 | 3.93E-02 |
| MRPL33 | -0.35 | -5.14 | 7.67E-04 | 3.93E-02 |
| ACVR2A | -0.90 | -5.14 | 7.67E-04 | 3.93E-02 |
| CHST3 | 1.07 | 5.14 | 7.70E-04 | 3.93E-02 |
| SLC15A2 | -0.70 | -5.13 | 7.71E-04 | 3.94E-02 |
| MAATS1 | -2.28 | -5.13 | 7.73E-04 | 3.95E-02 |
| AC079305.8 | -1.09 | -5.13 | 7.74E-04 | 3.95E-02 |
| NANOS1 | 0.76 | 5.13 | 7.80E-04 | 3.97E-02 |
| XXbac-B461K10.4 | 0.80 | 5.12 | 7.82E-04 | 3.98E-02 |
| EPHB2 | 1.73 | 5.12 | 7.84E-04 | 3.98E-02 |
| PMEPA1 | 1.73 | 5.12 | 7.84E-04 | 3.98E-02 |
| GSTA1 | -5.70 | -5.12 | 7.84E-04 | 3.98E-02 |
| FAM149A | -1.61 | -5.12 | 7.83E-04 | 3.98E-02 |
| SNHG15 | 1.43 | 5.12 | 7.86E-04 | 3.98E-02 |
| OPRK1 | -1.30 | -5.12 | 7.86E-04 | 3.98E-02 |
| SERPINI2 | -3.46 | -5.12 | 7.88E-04 | 3.98E-02 |
| RP11-378G13.2 | 0.94 | 5.12 | 7.90E-04 | 3.99E-02 |
| SHANK2-AS1 | 2.31 | 5.11 | 7.93E-04 | 4.00E-02 |
| NAALADL2 | -1.53 | -5.11 | 7.94E-04 | 4.00E-02 |
| C6orf141 | 1.92 | 5.11 | 7.98E-04 | 4.02E-02 |
| FTSJ1 | 0.66 | 5.11 | 8.01E-04 | 4.03E-02 |
| CTC-575N7.1 | -1.55 | -5.10 | 8.03E-04 | 4.04E-02 |
| RP11-533K9.3 | 2.15 | 5.10 | 8.05E-04 | 4.05E-02 |
| ZNF569 | -1.08 | -5.10 | 8.09E-04 | 4.06E-02 |
| WDR53 | 1.15 | 5.09 | 8.12E-04 | 4.06E-02 |
| RP11-170L3.4 | 1.31 | 5.09 | 8.14E-04 | 4.06E-02 |
| EXOSC4 | 1.30 | 5.09 | 8.15E-04 | 4.06E-02 |
| TPSAB1 | -1.88 | -5.09 | 8.14E-04 | 4.06E-02 |
| CLDN8 | -2.22 | -5.09 | 8.13E-04 | 4.06E-02 |
| RP11-146D12.2 | -1.61 | -5.09 | 8.12E-04 | 4.06E-02 |
| AC006994.2 | -2.24 | -5.10 | 8.11E-04 | 4.06E-02 |
| SAMD11 | 0.90 | 5.08 | 8.22E-04 | 4.07E-02 |
| RP11-312P12.3 | 1.58 | 5.08 | 8.24E-04 | 4.07E-02 |
| AC012066.1 | 2.06 | 5.08 | 8.24E-04 | 4.07E-02 |
| CTA-384D8.36 | 0.92 | 5.08 | 8.26E-04 | 4.07E-02 |
| SENP3 | 0.68 | 5.08 | 8.28E-04 | 4.07E-02 |
| KLF7 | 1.11 | 5.08 | 8.32E-04 | 4.07E-02 |
| CDON | -1.55 | -5.07 | 8.37E-04 | 4.07E-02 |
| AC012307.2 | -0.57 | -5.07 | 8.37E-04 | 4.07E-02 |
| ARL5AP2 | -0.57 | -5.07 | 8.37E-04 | 4.07E-02 |
| BX649567.1 | -0.57 | -5.07 | 8.37E-04 | 4.07E-02 |
| CER1 | -0.57 | -5.07 | 8.37E-04 | 4.07E-02 |
| CRX | -0.57 | -5.07 | 8.37E-04 | 4.07E-02 |
| CTD-2014N11.1 | -0.57 | -5.07 | 8.37E-04 | 4.07E-02 |
| FAM226B | -0.57 | -5.07 | 8.37E-04 | 4.07E-02 |
| GUCY2EP | -0.57 | -5.07 | 8.37E-04 | 4.07E-02 |
| KRBOX1-AS1 | -0.57 | -5.07 | 8.37E-04 | 4.07E-02 |
| LYZL1 | -0.57 | -5.07 | 8.37E-04 | 4.07E-02 |
| MTND5P10 | -0.57 | -5.07 | 8.37E-04 | 4.07E-02 |
| MTND5P12 | -0.57 | -5.07 | 8.37E-04 | 4.07E-02 |
| NDUFA5P12 | -0.57 | -5.07 | 8.37E-04 | 4.07E-02 |
| RN7SL418P | -0.57 | -5.07 | 8.37E-04 | 4.07E-02 |
| RP4-718N17.2 | -0.57 | -5.07 | 8.37E-04 | 4.07E-02 |
| SNTN | -0.57 | -5.07 | 8.37E-04 | 4.07E-02 |
| SOCS5P2 | -0.57 | -5.07 | 8.37E-04 | 4.07E-02 |
| HPSE2 | -2.23 | -5.08 | 8.29E-04 | 4.07E-02 |
| LINC00933 | -1.70 | -5.08 | 8.29E-04 | 4.07E-02 |
| SLC6A4 | -2.94 | -5.08 | 8.26E-04 | 4.07E-02 |
| GRM7 | -2.33 | -5.08 | 8.25E-04 | 4.07E-02 |
| RP11-17A1.3 | -1.20 | -5.09 | 8.19E-04 | 4.07E-02 |
| SLC28A3 | 3.06 | 5.07 | 8.40E-04 | 4.08E-02 |
| LINC00518 | 1.82 | 5.06 | 8.44E-04 | 4.09E-02 |
| PDGFD | -2.00 | -5.07 | 8.43E-04 | 4.09E-02 |
| MFSD10 | 1.04 | 5.06 | 8.48E-04 | 4.11E-02 |
| CARKD | 0.44 | 5.06 | 8.49E-04 | 4.11E-02 |
| RP11-392B6.1 | -1.59 | -5.06 | 8.50E-04 | 4.11E-02 |
| ENHO | -2.34 | -5.06 | 8.49E-04 | 4.11E-02 |
| CTD-2058B24.2 | -1.50 | -5.06 | 8.51E-04 | 4.11E-02 |
| RP11-356I2.1 | 1.94 | 5.05 | 8.55E-04 | 4.11E-02 |
| GPR132 | 0.96 | 5.05 | 8.55E-04 | 4.11E-02 |
| FKRP | 0.71 | 5.05 | 8.57E-04 | 4.11E-02 |
| SLC15A1 | 2.13 | 5.05 | 8.58E-04 | 4.11E-02 |
| ELAVL1 | 0.42 | 5.05 | 8.59E-04 | 4.11E-02 |
| CFD | -2.91 | -5.05 | 8.59E-04 | 4.11E-02 |
| RP11-1252I4.2 | -1.27 | -5.05 | 8.59E-04 | 4.11E-02 |
| RP11-337N6.2 | -1.25 | -5.05 | 8.57E-04 | 4.11E-02 |
| RP11-774O3.3 | -1.65 | -5.05 | 8.55E-04 | 4.11E-02 |
| HSD11B1L | -0.75 | -5.06 | 8.53E-04 | 4.11E-02 |
| CPA4 | 1.99 | 5.05 | 8.60E-04 | 4.11E-02 |
| SYT15 | -1.33 | -5.05 | 8.61E-04 | 4.11E-02 |
| MBTD1 | -0.40 | -5.05 | 8.64E-04 | 4.12E-02 |
| RAVER2 | -1.45 | -5.05 | 8.64E-04 | 4.12E-02 |
| CD34 | -1.27 | -5.05 | 8.64E-04 | 4.12E-02 |
| PRSS51 | -1.16 | -5.04 | 8.67E-04 | 4.13E-02 |
| ANK3 | -1.13 | -5.04 | 8.67E-04 | 4.13E-02 |
| PDPN | 1.77 | 5.04 | 8.69E-04 | 4.13E-02 |
| RP11-298I3.1 | -0.47 | -5.04 | 8.69E-04 | 4.13E-02 |
| MEI4 | 0.94 | 5.04 | 8.74E-04 | 4.15E-02 |
| AC013402.2 | -2.67 | -5.04 | 8.75E-04 | 4.15E-02 |
| AC020601.1 | -3.40 | -5.03 | 8.83E-04 | 4.18E-02 |
| UGT1A1 | -4.32 | -5.03 | 8.86E-04 | 4.19E-02 |
| ZNF514 | -0.76 | -5.03 | 8.85E-04 | 4.19E-02 |
| ZNF844 | -1.49 | -5.03 | 8.87E-04 | 4.19E-02 |
| BOP1 | 1.36 | 5.02 | 8.90E-04 | 4.20E-02 |
| USP43 | 0.98 | 5.02 | 8.90E-04 | 4.20E-02 |
| VPS16 | 0.84 | 5.02 | 8.93E-04 | 4.20E-02 |
| KRT35 | -0.74 | -5.02 | 8.93E-04 | 4.20E-02 |
| RP11-435B5.1 | -0.74 | -5.02 | 8.93E-04 | 4.20E-02 |
| SCARA3 | -1.60 | -5.02 | 8.98E-04 | 4.22E-02 |
| TM7SF3 | -0.80 | -5.02 | 8.99E-04 | 4.22E-02 |
| LRRC6 | -1.19 | -5.02 | 8.99E-04 | 4.22E-02 |
| RP11-182J1.12 | -1.10 | -5.01 | 9.02E-04 | 4.22E-02 |
| NFIA | -1.22 | -5.01 | 9.02E-04 | 4.22E-02 |
| COLCA1 | -2.05 | -5.01 | 9.01E-04 | 4.22E-02 |
| RP11-80H8.4 | 1.94 | 5.01 | 9.05E-04 | 4.23E-02 |
| SMARCD1 | 0.66 | 5.01 | 9.07E-04 | 4.23E-02 |
| F2RL1 | 1.36 | 5.01 | 9.07E-04 | 4.23E-02 |
| CTSL | 1.45 | 5.01 | 9.08E-04 | 4.23E-02 |
| TUBB3 | 2.06 | 5.01 | 9.10E-04 | 4.23E-02 |
| TREM2 | 3.27 | 5.00 | 9.11E-04 | 4.23E-02 |
| RP11-298A8.2 | -1.47 | -5.00 | 9.11E-04 | 4.23E-02 |
| CCDC176 | -1.11 | -5.01 | 9.11E-04 | 4.23E-02 |
| CARF | -0.83 | -5.01 | 9.10E-04 | 4.23E-02 |
| SGSM1 | -2.03 | -5.01 | 9.07E-04 | 4.23E-02 |
| RP11-452D21.1 | -1.30 | -5.01 | 9.05E-04 | 4.23E-02 |
| RP11-203M5.8 | 1.22 | 5.00 | 9.17E-04 | 4.25E-02 |
| RP5-836J3.1 | -3.13 | -5.00 | 9.17E-04 | 4.25E-02 |
| RP11-354K4.1 | -1.22 | -5.00 | 9.16E-04 | 4.25E-02 |
| TMC7 | 1.24 | 5.00 | 9.19E-04 | 4.25E-02 |
| SCYL1 | 0.69 | 5.00 | 9.21E-04 | 4.25E-02 |
| ADAM22 | -0.94 | -5.00 | 9.23E-04 | 4.26E-02 |
| PRPF4 | 1.04 | 4.99 | 9.25E-04 | 4.26E-02 |
| ANKRD20A9P | -2.44 | -4.99 | 9.25E-04 | 4.26E-02 |
| RP11-75L1.6 | -1.59 | -4.99 | 9.32E-04 | 4.29E-02 |
| TMEM61 | -1.59 | -4.99 | 9.32E-04 | 4.29E-02 |
| AC114494.1 | 1.46 | 4.99 | 9.34E-04 | 4.29E-02 |
| SPRY4 | 1.68 | 4.98 | 9.40E-04 | 4.31E-02 |
| C10orf112 | -1.16 | -4.98 | 9.40E-04 | 4.31E-02 |
| CTD-3092A11.1 | -0.73 | -4.98 | 9.40E-04 | 4.31E-02 |
| RANP1 | 1.35 | 4.98 | 9.42E-04 | 4.32E-02 |
| ZNF397 | -0.49 | -4.98 | 9.44E-04 | 4.32E-02 |
| RCC2 | 1.07 | 4.97 | 9.50E-04 | 4.35E-02 |
| UGGT1 | 0.39 | 4.97 | 9.52E-04 | 4.35E-02 |
| SOAT1 | 0.70 | 4.97 | 9.59E-04 | 4.36E-02 |
| RP11-366L20.2 | 2.91 | 4.96 | 9.60E-04 | 4.36E-02 |
| SESN1 | -0.69 | -4.96 | 9.61E-04 | 4.36E-02 |
| PLAGL1 | -1.47 | -4.96 | 9.61E-04 | 4.36E-02 |
| VWC2 | -2.99 | -4.97 | 9.60E-04 | 4.36E-02 |
| AC097500.2 | -0.90 | -4.97 | 9.59E-04 | 4.36E-02 |
| HLF | -3.16 | -4.97 | 9.58E-04 | 4.36E-02 |
| KLHDC7A | -1.64 | -4.97 | 9.57E-04 | 4.36E-02 |
| GABRA4 | -2.88 | -4.96 | 9.63E-04 | 4.37E-02 |
| CTD-3232M19.2 | 0.74 | 4.96 | 9.64E-04 | 4.37E-02 |
| ACOT7 | 1.14 | 4.96 | 9.65E-04 | 4.37E-02 |
| RP11-380F14.2 | 3.00 | 4.96 | 9.66E-04 | 4.37E-02 |
| C17orf67 | -0.55 | -4.96 | 9.66E-04 | 4.37E-02 |
| SHC1 | 0.89 | 4.96 | 9.71E-04 | 4.38E-02 |
| CTD-3149D2.4 | 1.26 | 4.96 | 9.71E-04 | 4.38E-02 |
| RP11-466L17.1 | -3.31 | -4.96 | 9.72E-04 | 4.38E-02 |
| WBP1 | -0.60 | -4.96 | 9.72E-04 | 4.38E-02 |
| PTGES3L-AARSD1 | 0.86 | 4.95 | 9.73E-04 | 4.38E-02 |
| DGCR11 | 1.45 | 4.95 | 9.75E-04 | 4.39E-02 |
| CSNK1A1 | 0.64 | 4.95 | 9.80E-04 | 4.40E-02 |
| ARFGAP1 | 0.83 | 4.95 | 9.82E-04 | 4.40E-02 |
| URB2 | 0.68 | 4.95 | 9.84E-04 | 4.40E-02 |
| CTA-384D8.34 | 3.09 | 4.95 | 9.85E-04 | 4.40E-02 |
| MAGED4 | 1.46 | 4.95 | 9.85E-04 | 4.40E-02 |
| CHCHD2P11 | 1.36 | 4.94 | 9.87E-04 | 4.40E-02 |
| PTTG1IP | 0.73 | 4.94 | 9.87E-04 | 4.40E-02 |
| AC022431.2 | -2.66 | -4.94 | 9.88E-04 | 4.40E-02 |
| CYP11A1 | -2.58 | -4.94 | 9.87E-04 | 4.40E-02 |
| RP4-625H18.2 | -1.41 | -4.95 | 9.85E-04 | 4.40E-02 |
| EYA2 | -2.86 | -4.95 | 9.85E-04 | 4.40E-02 |
| UGT1A10 | -4.25 | -4.95 | 9.82E-04 | 4.40E-02 |
| RP11-474G23.1 | -0.25 | -4.95 | 9.79E-04 | 4.40E-02 |
| ZMAT1 | -1.60 | -4.95 | 9.79E-04 | 4.40E-02 |
| FHDC1 | 0.83 | 4.94 | 9.89E-04 | 4.40E-02 |
| RP1-117B12.4 | 1.35 | 4.94 | 9.90E-04 | 4.40E-02 |
| ZNF737 | -1.54 | -4.94 | 9.93E-04 | 4.41E-02 |
| KCNMB1 | -0.77 | -4.94 | 9.97E-04 | 4.42E-02 |
| GRIN3A | -1.28 | -4.94 | 9.97E-04 | 4.42E-02 |
| HMGXB3 | 0.54 | 4.93 | 1.00E-03 | 4.42E-02 |
| PODNL1 | 1.16 | 4.93 | 1.00E-03 | 4.42E-02 |
| MMP3 | 4.43 | 4.93 | 1.00E-03 | 4.42E-02 |
| HARS | 0.51 | 4.93 | 1.00E-03 | 4.42E-02 |
| PLEKHA7 | -0.60 | -4.93 | 1.00E-03 | 4.42E-02 |
| RP1-161N10.1 | -2.67 | -4.93 | 1.00E-03 | 4.42E-02 |
| LRP1B | -3.02 | -4.93 | 1.00E-03 | 4.42E-02 |
| SHISA3 | -1.36 | -4.93 | 1.00E-03 | 4.42E-02 |
| POFUT1 | 0.53 | 4.93 | 1.01E-03 | 4.42E-02 |
| MAML3 | -1.70 | -4.93 | 1.01E-03 | 4.43E-02 |
| AC003985.1 | -2.83 | -4.93 | 1.01E-03 | 4.44E-02 |
| EHD1 | 1.13 | 4.92 | 1.01E-03 | 4.44E-02 |
| IER5L | 1.26 | 4.92 | 1.02E-03 | 4.44E-02 |
| ARFRP1 | 0.99 | 4.92 | 1.02E-03 | 4.44E-02 |
| AC093734.1 | 1.13 | 4.92 | 1.02E-03 | 4.44E-02 |
| AC004125.3 | -1.09 | -4.92 | 1.02E-03 | 4.44E-02 |
| CTD-2113L7.1 | -1.06 | -4.92 | 1.02E-03 | 4.44E-02 |
| BBS2 | -0.56 | -4.92 | 1.02E-03 | 4.44E-02 |
| LIFR-AS1 | -1.74 | -4.92 | 1.01E-03 | 4.44E-02 |
| PPP1R14D | -1.75 | -4.92 | 1.01E-03 | 4.44E-02 |
| SDK2 | 1.79 | 4.92 | 1.02E-03 | 4.45E-02 |
| CASC7 | 0.55 | 4.91 | 1.03E-03 | 4.46E-02 |
| MB21D1 | 1.10 | 4.91 | 1.03E-03 | 4.46E-02 |
| BAK1 | 1.35 | 4.91 | 1.03E-03 | 4.46E-02 |
| AC005594.3 | 0.91 | 4.91 | 1.03E-03 | 4.47E-02 |
| AC007064.24 | -1.22 | -4.91 | 1.03E-03 | 4.48E-02 |
| SETX | 0.52 | 4.91 | 1.03E-03 | 4.48E-02 |
| MARCKS | 0.95 | 4.91 | 1.04E-03 | 4.48E-02 |
| AC005484.5 | -1.15 | -4.91 | 1.04E-03 | 4.48E-02 |
| RP13-516M14.4 | -1.76 | -4.91 | 1.04E-03 | 4.48E-02 |
| UGT1A9 | -4.13 | -4.91 | 1.03E-03 | 4.48E-02 |
| LRRC42 | 0.71 | 4.90 | 1.04E-03 | 4.49E-02 |
| RP11-758M4.4 | 2.33 | 4.90 | 1.04E-03 | 4.50E-02 |
| TAPBP | 0.72 | 4.90 | 1.04E-03 | 4.50E-02 |
| RMST | -1.94 | -4.90 | 1.04E-03 | 4.50E-02 |
| ENPP7P6 | -1.67 | -4.90 | 1.05E-03 | 4.52E-02 |
| RP11-452F19.3 | -0.63 | -4.90 | 1.05E-03 | 4.52E-02 |
| CDKN2A | 2.81 | 4.89 | 1.05E-03 | 4.52E-02 |
| TPMT | 0.87 | 4.89 | 1.05E-03 | 4.52E-02 |
| PLCD3 | 1.23 | 4.89 | 1.05E-03 | 4.53E-02 |
| AP000640.2 | 1.79 | 4.89 | 1.06E-03 | 4.54E-02 |
| MUCL1 | 4.10 | 4.89 | 1.06E-03 | 4.54E-02 |
| AC069257.8 | 2.03 | 4.89 | 1.06E-03 | 4.54E-02 |
| ZNF813 | -0.91 | -4.89 | 1.06E-03 | 4.54E-02 |
| EIF3B | 0.68 | 4.89 | 1.06E-03 | 4.54E-02 |
| RPL36AP41 | 1.37 | 4.89 | 1.06E-03 | 4.55E-02 |
| SNHG17 | 0.87 | 4.88 | 1.07E-03 | 4.56E-02 |
| HYOU1 | 0.68 | 4.88 | 1.07E-03 | 4.56E-02 |
| PSMD12 | 0.40 | 4.88 | 1.07E-03 | 4.56E-02 |
| RP1-138B7.5 | -0.99 | -4.88 | 1.07E-03 | 4.56E-02 |
| HSFY2 | -1.23 | -4.88 | 1.07E-03 | 4.56E-02 |
| AC011933.1 | 0.53 | 4.88 | 1.08E-03 | 4.57E-02 |
| ZNF503-AS1 | -1.60 | -4.88 | 1.08E-03 | 4.57E-02 |
| RP11-860B13.3 | 0.91 | 4.88 | 1.08E-03 | 4.58E-02 |
| RP11-419I17.1 | -1.47 | -4.88 | 1.08E-03 | 4.58E-02 |
| AC007566.10 | -0.44 | -4.88 | 1.08E-03 | 4.58E-02 |
| RP11-474I16.8 | -2.12 | -4.87 | 1.08E-03 | 4.58E-02 |
| NKAPP1 | -1.30 | -4.87 | 1.08E-03 | 4.58E-02 |
| MET | 1.05 | 4.87 | 1.08E-03 | 4.58E-02 |
| CDC42SE1 | 0.85 | 4.87 | 1.08E-03 | 4.58E-02 |
| TNC | 2.18 | 4.87 | 1.09E-03 | 4.59E-02 |
| RP4-813D12.3 | -2.22 | -4.87 | 1.09E-03 | 4.59E-02 |
| HLA-T | -1.69 | -4.86 | 1.09E-03 | 4.62E-02 |
| PNP | 1.13 | 4.86 | 1.10E-03 | 4.64E-02 |
| ACOT9 | 0.75 | 4.86 | 1.10E-03 | 4.64E-02 |
| RP11-556I14.2 | -1.58 | -4.86 | 1.10E-03 | 4.64E-02 |
| RP11-100L22.1 | -2.31 | -4.86 | 1.10E-03 | 4.64E-02 |
| CFL1P3 | -1.97 | -4.86 | 1.11E-03 | 4.65E-02 |
| ULBP2 | 2.26 | 4.85 | 1.11E-03 | 4.65E-02 |
| PAN3 | -0.38 | -4.86 | 1.11E-03 | 4.65E-02 |
| SERPINE2 | 1.76 | 4.85 | 1.11E-03 | 4.66E-02 |
| CA1 | -1.88 | -4.85 | 1.11E-03 | 4.66E-02 |
| RP11-467L13.5 | 1.81 | 4.85 | 1.11E-03 | 4.66E-02 |
| EPB41L4A-AS1 | -1.27 | -4.85 | 1.11E-03 | 4.66E-02 |
| CTD-3099C6.7 | -0.95 | -4.85 | 1.12E-03 | 4.67E-02 |
| CTD-2023N9.1 | -1.81 | -4.85 | 1.12E-03 | 4.67E-02 |
| FAM83A | 2.27 | 4.85 | 1.12E-03 | 4.67E-02 |
| CTD-2091N23.1 | 2.08 | 4.85 | 1.12E-03 | 4.67E-02 |
| HDAC1 | 0.72 | 4.84 | 1.12E-03 | 4.67E-02 |
| RP11-363E6.3 | 0.94 | 4.84 | 1.12E-03 | 4.67E-02 |
| CARD10 | 1.38 | 4.84 | 1.12E-03 | 4.67E-02 |
| RP13-131K19.7 | -1.15 | -4.84 | 1.12E-03 | 4.67E-02 |
| RP11-315I20.1 | -0.48 | -4.84 | 1.12E-03 | 4.67E-02 |
| RP11-250B2.6 | -0.87 | -4.84 | 1.13E-03 | 4.68E-02 |
| RP11-110I1.6 | 0.72 | 4.84 | 1.13E-03 | 4.69E-02 |
| UGT1A7 | -4.09 | -4.84 | 1.13E-03 | 4.69E-02 |
| CNRIP1 | -1.15 | -4.84 | 1.13E-03 | 4.69E-02 |
| DNAH6 | -1.34 | -4.84 | 1.13E-03 | 4.69E-02 |
| RP11-308D16.2 | -0.83 | -4.84 | 1.14E-03 | 4.70E-02 |
| WDR5 | 0.84 | 4.83 | 1.14E-03 | 4.71E-02 |
| GNL2 | 0.66 | 4.83 | 1.14E-03 | 4.72E-02 |
| EVA1A | 2.15 | 4.83 | 1.14E-03 | 4.72E-02 |
| AC011891.5 | -2.25 | -4.83 | 1.14E-03 | 4.73E-02 |
| FBXO22 | 0.67 | 4.83 | 1.15E-03 | 4.74E-02 |
| CCT4 | 0.45 | 4.82 | 1.15E-03 | 4.75E-02 |
| CTD-2240E14.4 | 1.58 | 4.82 | 1.16E-03 | 4.76E-02 |
| RORB | -2.09 | -4.82 | 1.16E-03 | 4.77E-02 |
| MYH4 | 2.59 | 4.82 | 1.16E-03 | 4.77E-02 |
| AKAP7 | -0.83 | -4.82 | 1.16E-03 | 4.77E-02 |
| AC140481.1 | -1.78 | -4.82 | 1.17E-03 | 4.79E-02 |
| ZNF622 | 0.54 | 4.81 | 1.17E-03 | 4.79E-02 |
| C12orf60 | -1.50 | -4.81 | 1.17E-03 | 4.79E-02 |
| ZNF546 | -0.66 | -4.82 | 1.17E-03 | 4.79E-02 |
| C9orf117 | 1.03 | 4.81 | 1.18E-03 | 4.81E-02 |
| APOL2 | 1.18 | 4.81 | 1.18E-03 | 4.82E-02 |
| AC097470.1 | 1.92 | 4.81 | 1.18E-03 | 4.82E-02 |
| RP11-290F20.2 | 1.49 | 4.81 | 1.18E-03 | 4.82E-02 |
| SELENBP1 | -1.97 | -4.81 | 1.18E-03 | 4.83E-02 |
| PATL1 | 0.64 | 4.80 | 1.19E-03 | 4.83E-02 |
| RP11-1008C21.1 | -1.40 | -4.80 | 1.19E-03 | 4.83E-02 |
| CYP4V2 | -0.94 | -4.80 | 1.19E-03 | 4.83E-02 |
| KPNA6 | 0.34 | 4.80 | 1.19E-03 | 4.84E-02 |
| PA2G4P2 | 1.85 | 4.80 | 1.19E-03 | 4.84E-02 |
| FOXK1 | 0.64 | 4.80 | 1.19E-03 | 4.84E-02 |
| CTC-260E6.6 | -0.98 | -4.80 | 1.20E-03 | 4.85E-02 |
| RPS15AP6 | 1.63 | 4.80 | 1.20E-03 | 4.87E-02 |
| AC079630.4 | -2.67 | -4.79 | 1.20E-03 | 4.87E-02 |
| RAD23A | 0.83 | 4.79 | 1.21E-03 | 4.88E-02 |
| MROH2A | -2.53 | -4.79 | 1.21E-03 | 4.88E-02 |
| RP11-420A23.1 | -2.05 | -4.79 | 1.21E-03 | 4.88E-02 |
| TMEFF2 | -1.81 | -4.79 | 1.21E-03 | 4.88E-02 |
| FJX1 | 1.99 | 4.79 | 1.21E-03 | 4.89E-02 |
| ZNF621 | -0.43 | -4.79 | 1.21E-03 | 4.89E-02 |
| POM121L10P | 0.70 | 4.79 | 1.21E-03 | 4.89E-02 |
| RP6-74O6.3 | 1.55 | 4.78 | 1.22E-03 | 4.90E-02 |
| DKC1 | 0.74 | 4.78 | 1.22E-03 | 4.91E-02 |
| TIMM17A | 0.78 | 4.78 | 1.22E-03 | 4.93E-02 |
| KM-PA-2 | 1.49 | 4.78 | 1.23E-03 | 4.93E-02 |
| NAA15 | 0.35 | 4.78 | 1.23E-03 | 4.94E-02 |
| SP5 | -2.33 | -4.78 | 1.23E-03 | 4.94E-02 |
| CACTIN-AS1 | 0.91 | 4.77 | 1.23E-03 | 4.95E-02 |
| CAD | 0.95 | 4.77 | 1.23E-03 | 4.95E-02 |
| UGT1A6 | -4.00 | -4.77 | 1.24E-03 | 4.95E-02 |
| ZNF337 | -0.42 | -4.77 | 1.24E-03 | 4.96E-02 |
| NOC2L | 0.91 | 4.77 | 1.24E-03 | 4.97E-02 |
| AC136289.1 | -1.28 | -4.77 | 1.24E-03 | 4.97E-02 |
| DCSTAMP | 1.73 | 4.77 | 1.25E-03 | 4.98E-02 |
| TGM2 | 2.32 | 4.77 | 1.25E-03 | 4.98E-02 |
| RP11-152F13.7 | -1.47 | -4.77 | 1.25E-03 | 4.98E-02 |
| AP001362.1 | 1.08 | 4.76 | 1.25E-03 | 4.98E-02 |
| RP11-15E18.4 | -1.51 | -4.76 | 1.25E-03 | 4.98E-02 |
| ZACN | 0.84 | 4.76 | 1.25E-03 | 4.98E-02 |
| HNRNPK | 0.50 | 4.76 | 1.26E-03 | 4.99E-02 |
| SMARCB1 | 0.40 | 4.76 | 1.26E-03 | 4.99E-02 |
| MIR663A | 0.97 | 4.76 | 1.26E-03 | 4.99E-02 |
| RP5-1011O1.2 | 2.41 | 4.76 | 1.26E-03 | 4.99E-02 |
| LIFR | -2.18 | -4.76 | 1.26E-03 | 4.99E-02 |
| CTD-2054N24.2 | -1.28 | -4.76 | 1.26E-03 | 4.99E-02 |
| ABCA5 | -0.81 | -4.76 | 1.25E-03 | 4.99E-02 |
| CDHR3 | -0.86 | -4.76 | 1.25E-03 | 4.99E-02 |
| **F vs N (GSE125866)** | | | | |
| **Gene** | **fold change** | **statistic** | **p value** | **FDR** |
| MFAP1P1 | -1.29 | -218.19 | 5.09E-17 | 2.84E-12 |
| RP11-14N4.1 | -1.52 | -151.38 | 1.09E-15 | 3.03E-11 |
| BX649597.1 | -0.84 | -39.45 | 8.29E-11 | 9.25E-07 |
| HNRNPA3P16 | -0.84 | -39.45 | 8.29E-11 | 9.25E-07 |
| RP11-498D10.3 | -0.84 | -39.45 | 8.29E-11 | 9.25E-07 |
| RP11-354K4.1 | -1.40 | -37.15 | 1.37E-10 | 1.27E-06 |
| RP11-777N19.1 | -0.98 | -30.23 | 7.58E-10 | 5.29E-06 |
| SETP8 | -0.98 | -30.23 | 7.58E-10 | 5.29E-06 |
| CTC-436K13.2 | -1.17 | -28.51 | 1.23E-09 | 6.88E-06 |
| OR7E154P | -1.17 | -28.51 | 1.23E-09 | 6.88E-06 |
| NDUFAF4P3 | -1.66 | -26.87 | 2.02E-09 | 1.02E-05 |
| RP11-531A21.3 | -1.41 | -26.58 | 2.20E-09 | 1.02E-05 |
| AC019064.1 | -1.75 | -17.89 | 5.76E-08 | 2.47E-04 |
| AC005197.2 | -0.42 | -15.49 | 1.87E-07 | 2.60E-04 |
| AC005786.5 | -0.42 | -15.49 | 1.87E-07 | 2.60E-04 |
| AC007557.2 | -0.42 | -15.49 | 1.87E-07 | 2.60E-04 |
| AP000469.2 | -0.42 | -15.49 | 1.87E-07 | 2.60E-04 |
| ASS1P10 | -0.42 | -15.49 | 1.87E-07 | 2.60E-04 |
| CTD-2560K21.6 | -0.42 | -15.49 | 1.87E-07 | 2.60E-04 |
| GOLGA6L16P | -0.42 | -15.49 | 1.87E-07 | 2.60E-04 |
| GS1-18A18.1 | -0.42 | -15.49 | 1.87E-07 | 2.60E-04 |
| HMGN1P15 | -0.42 | -15.49 | 1.87E-07 | 2.60E-04 |
| HNRNPA1P66 | -0.42 | -15.49 | 1.87E-07 | 2.60E-04 |
| LINC00904 | -0.42 | -15.49 | 1.87E-07 | 2.60E-04 |
| NEFMP1 | -0.42 | -15.49 | 1.87E-07 | 2.60E-04 |
| OR10W1 | -0.42 | -15.49 | 1.87E-07 | 2.60E-04 |
| RN7SL507P | -0.42 | -15.49 | 1.87E-07 | 2.60E-04 |
| RN7SL695P | -0.42 | -15.49 | 1.87E-07 | 2.60E-04 |
| RP11-157L3.4 | -0.42 | -15.49 | 1.87E-07 | 2.60E-04 |
| RP11-288G3.4 | -0.42 | -15.49 | 1.87E-07 | 2.60E-04 |
| RP11-359M6.2 | -0.42 | -15.49 | 1.87E-07 | 2.60E-04 |
| RP11-52B19.1 | -0.42 | -15.49 | 1.87E-07 | 2.60E-04 |
| RP5-1010E17.2 | -0.42 | -15.49 | 1.87E-07 | 2.60E-04 |
| RP5-859D4.3 | -0.42 | -15.49 | 1.87E-07 | 2.60E-04 |
| RP6-24A23.3 | -0.42 | -15.49 | 1.87E-07 | 2.60E-04 |
| RPS3AP33 | -0.42 | -15.49 | 1.87E-07 | 2.60E-04 |
| SEPT7P5 | -0.42 | -15.49 | 1.87E-07 | 2.60E-04 |
| SPDYE4 | -0.42 | -15.49 | 1.87E-07 | 2.60E-04 |
| TRIM53AP | -0.42 | -15.49 | 1.87E-07 | 2.60E-04 |
| TTC9B | -0.42 | -15.49 | 1.87E-07 | 2.60E-04 |
| PF4V1 | -1.28 | -15.21 | 2.16E-07 | 2.93E-04 |
| AC139426.2 | -1.55 | -14.74 | 2.79E-07 | 3.70E-04 |
| RP11-25O10.2 | -1.10 | -13.94 | 4.36E-07 | 5.66E-04 |
| RP11-2A4.3 | -3.23 | -10.91 | 3.08E-06 | 2.86E-03 |
| AC116533.1 | -0.64 | -10.93 | 3.04E-06 | 2.86E-03 |
| AE000661.50 | -0.64 | -10.93 | 3.04E-06 | 2.86E-03 |
| ERP29P1 | -0.64 | -10.93 | 3.04E-06 | 2.86E-03 |
| KRT8P36 | -0.64 | -10.93 | 3.04E-06 | 2.86E-03 |
| PRAMEF15 | -0.64 | -10.93 | 3.04E-06 | 2.86E-03 |
| RN7SL502P | -0.64 | -10.93 | 3.04E-06 | 2.86E-03 |
| RNU6ATAC14P | -0.64 | -10.93 | 3.04E-06 | 2.86E-03 |
| RP11-108L7.14 | -0.64 | -10.93 | 3.04E-06 | 2.86E-03 |
| RP11-172F4.2 | -0.64 | -10.93 | 3.04E-06 | 2.86E-03 |
| RP11-459O16.3 | -0.64 | -10.93 | 3.04E-06 | 2.86E-03 |
| RP11-678G14.5 | -0.64 | -10.93 | 3.04E-06 | 2.86E-03 |
| RP5-837O21.6 | -0.64 | -10.93 | 3.04E-06 | 2.86E-03 |
| RP5-866L20.2 | -0.64 | -10.93 | 3.04E-06 | 2.86E-03 |
| RPL3P13 | -0.64 | -10.93 | 3.04E-06 | 2.86E-03 |
| SPATA31A7 | -0.64 | -10.93 | 3.04E-06 | 2.86E-03 |
| RPL7P36 | -1.70 | -11.18 | 2.54E-06 | 2.86E-03 |
| RP11-580P21.1 | -1.46 | -10.83 | 3.28E-06 | 2.99E-03 |
| MKL2 | -0.62 | -10.14 | 5.49E-06 | 4.93E-03 |
| DSTYK | -0.50 | -9.78 | 7.28E-06 | 6.44E-03 |
| RP11-747H12.6 | -1.22 | -9.67 | 7.90E-06 | 6.78E-03 |
| MYLIP | -0.84 | -9.69 | 7.81E-06 | 6.78E-03 |
| MTND2P16 | -2.08 | -9.38 | 1.01E-05 | 8.50E-03 |
| DISP1 | -0.64 | -9.20 | 1.17E-05 | 9.58E-03 |
| RP11-680N20.1 | -2.27 | -9.21 | 1.16E-05 | 9.58E-03 |
| NUS1 | 0.61 | 9.14 | 1.23E-05 | 9.93E-03 |
| ST6GAL2-IT1 | -3.34 | -8.53 | 2.08E-05 | 1.66E-02 |
| AC096775.2 | -1.11 | -8.49 | 2.15E-05 | 1.69E-02 |
| RP11-284G10.1 | -2.19 | -8.34 | 2.46E-05 | 1.88E-02 |
| RP11-136F16.2 | -1.64 | -8.35 | 2.44E-05 | 1.88E-02 |
| C12orf44 | 0.62 | 8.24 | 2.69E-05 | 2.00E-02 |
| RP11-669E14.4 | -1.95 | -8.25 | 2.68E-05 | 2.00E-02 |
| DUSP5 | 1.46 | 8.13 | 3.00E-05 | 2.20E-02 |
| ST7L | -0.56 | -8.02 | 3.30E-05 | 2.39E-02 |
| VWC2L-IT1 | -1.70 | -7.80 | 4.06E-05 | 2.73E-02 |
| FAM41AY2 | -2.64 | -7.81 | 4.04E-05 | 2.73E-02 |
| FAM41AY1 | -2.62 | -7.82 | 4.01E-05 | 2.73E-02 |
| GGTA1P | -1.34 | -7.83 | 3.95E-05 | 2.73E-02 |
| RP11-298H24.1 | -1.48 | -7.84 | 3.92E-05 | 2.73E-02 |
| VWC2 | -2.56 | -7.85 | 3.90E-05 | 2.73E-02 |
| RP11-449P1.1 | -2.39 | -7.66 | 4.64E-05 | 3.05E-02 |
| OR1L8 | -1.47 | -7.66 | 4.64E-05 | 3.05E-02 |
| RP11-1134I14.8 | -2.21 | -7.65 | 4.70E-05 | 3.05E-02 |
| EPRS | 0.49 | 7.50 | 5.45E-05 | 3.47E-02 |
| RP11-427M20.1 | -1.03 | -7.49 | 5.48E-05 | 3.47E-02 |
| RMDN2 | -0.62 | -7.41 | 5.96E-05 | 3.70E-02 |
| RP11-114G22.1 | -3.08 | -7.42 | 5.91E-05 | 3.70E-02 |
| RP11-23P13.6 | 1.37 | 7.40 | 6.04E-05 | 3.70E-02 |
| RP11-420K8.1 | 1.54 | 7.35 | 6.32E-05 | 3.83E-02 |
| RP11-196O2.1 | -1.62 | -7.21 | 7.25E-05 | 4.30E-02 |
| RP11-90C4.3 | -2.03 | -7.22 | 7.23E-05 | 4.30E-02 |
| PTPN11 | 0.48 | 7.13 | 7.86E-05 | 4.62E-02 |
| RP3-368A4.5 | -0.55 | -7.11 | 8.06E-05 | 4.68E-02 |
| RP11-400N13.1 | -0.88 | -7.07 | 8.38E-05 | 4.77E-02 |
| RP11-659F24.1 | -1.85 | -7.08 | 8.35E-05 | 4.77E-02 |
| AC012215.1 | -2.50 | -7.04 | 8.63E-05 | 4.81E-02 |
| RP11-111M22.4 | -1.32 | -7.05 | 8.55E-05 | 4.81E-02 |
| STARD4 | 1.15 | 7.00 | 9.07E-05 | 4.91E-02 |
| AC078882.1 | -0.77 | -6.93 | 9.69E-05 | 4.91E-02 |
| HTR2A-AS1 | -0.77 | -6.93 | 9.69E-05 | 4.91E-02 |
| MIPEPP2 | -0.77 | -6.93 | 9.69E-05 | 4.91E-02 |
| RN7SKP1 | -0.77 | -6.93 | 9.69E-05 | 4.91E-02 |
| RP11-367E12.4 | -0.77 | -6.93 | 9.69E-05 | 4.91E-02 |
| SPATA8-AS1 | -0.77 | -6.93 | 9.69E-05 | 4.91E-02 |
| SUMO1P1 | -0.77 | -6.93 | 9.69E-05 | 4.91E-02 |
| U91328.22 | -0.77 | -6.93 | 9.69E-05 | 4.91E-02 |
| RMDN2-AS1 | -0.64 | -6.99 | 9.14E-05 | 4.91E-02 |
| **L vs N (GSE125866)** | | | | |
| **Gene** | **fold change** | **statistic** | **p value** | **FDR** |
| FLG2 | 1.22 | 34.52 | 6.95E-13 | 9.18E-09 |
| FLG | 0.71 | 27.63 | 8.54E-12 | 5.06E-08 |
| PTGS1 | 0.78 | 26.91 | 1.15E-11 | 5.06E-08 |
| LOR | 1.37 | 23.90 | 4.33E-11 | 1.28E-07 |
| LY6G6C | 0.53 | 23.66 | 4.85E-11 | 1.28E-07 |
| LCE3D | 0.55 | 22.91 | 6.94E-11 | 1.51E-07 |
| AKR1B10 | 0.41 | 22.49 | 8.57E-11 | 1.51E-07 |
| SERPINB12 | 0.76 | 22.25 | 9.63E-11 | 1.51E-07 |
| CDSN | 0.75 | 22.12 | 1.03E-10 | 1.51E-07 |
| NRP2 | 0.42 | 21.84 | 1.18E-10 | 1.56E-07 |
| KRT1 | 0.34 | 21.25 | 1.61E-10 | 1.93E-07 |
| SORL1 | -0.26 | -18.77 | 6.36E-10 | 7.01E-07 |
| ABCA12 | 0.30 | 18.18 | 9.08E-10 | 8.72E-07 |
| DPYSL3 | 0.24 | 18.15 | 9.24E-10 | 8.72E-07 |
| TPPP3 | 0.57 | 17.78 | 1.16E-09 | 8.99E-07 |
| HRNR | 0.54 | 17.78 | 1.16E-09 | 8.99E-07 |
| PIGG | -0.20 | -17.83 | 1.12E-09 | 8.99E-07 |
| DSC1 | 0.45 | 16.99 | 1.91E-09 | 1.40E-06 |
| SLC7A11 | 1.01 | 16.78 | 2.20E-09 | 1.49E-06 |
| TXNRD1 | 0.44 | 16.73 | 2.26E-09 | 1.49E-06 |
| ECE1 | 0.24 | 16.51 | 2.62E-09 | 1.57E-06 |
| ITIH5 | 0.41 | 16.46 | 2.70E-09 | 1.57E-06 |
| KRT10 | 0.35 | 16.45 | 2.73E-09 | 1.57E-06 |
| FAT1 | 0.26 | 16.34 | 2.94E-09 | 1.62E-06 |
| NQO1 | 0.37 | 16.10 | 3.45E-09 | 1.76E-06 |
| TC2N | -0.32 | -16.10 | 3.46E-09 | 1.76E-06 |
| ADGRG6 | -0.21 | -15.89 | 3.99E-09 | 1.82E-06 |
| SLC26A2 | -0.38 | -15.91 | 3.92E-09 | 1.82E-06 |
| AC092718.3 | -0.19 | -15.94 | 3.84E-09 | 1.82E-06 |
| CLEC3B | 0.38 | 15.59 | 4.89E-09 | 2.16E-06 |
| CDH5 | 0.27 | 15.08 | 7.06E-09 | 2.80E-06 |
| HMGA1 | 0.29 | 15.05 | 7.20E-09 | 2.80E-06 |
| KRTDAP | 0.53 | 15.01 | 7.41E-09 | 2.80E-06 |
| ARHGEF28 | -0.23 | -15.08 | 7.04E-09 | 2.80E-06 |
| SH3RF2 | -0.21 | -15.13 | 6.80E-09 | 2.80E-06 |
| MAP3K1 | -0.21 | -14.94 | 7.80E-09 | 2.86E-06 |
| ALOX12B | 0.56 | 14.85 | 8.30E-09 | 2.96E-06 |
| MAN1A1 | 0.22 | 14.75 | 8.97E-09 | 2.99E-06 |
| AP002956.1 | 0.41 | 14.73 | 9.06E-09 | 2.99E-06 |
| CDHR1 | -0.32 | -14.77 | 8.86E-09 | 2.99E-06 |
| SLC16A1 | 0.36 | 14.48 | 1.10E-08 | 3.54E-06 |
| TENM4 | -0.22 | -14.43 | 1.14E-08 | 3.58E-06 |
| DPYSL2 | 0.23 | 14.37 | 1.19E-08 | 3.65E-06 |
| SYTL4 | -0.39 | -14.27 | 1.29E-08 | 3.86E-06 |
| EFEMP1 | 0.25 | 14.21 | 1.34E-08 | 3.95E-06 |
| CD36 | 0.73 | 14.18 | 1.38E-08 | 3.96E-06 |
| MYO1B | 0.23 | 14.10 | 1.46E-08 | 4.11E-06 |
| GIMAP8 | 0.30 | 14.03 | 1.54E-08 | 4.24E-06 |
| DPT | 0.44 | 13.97 | 1.62E-08 | 4.28E-06 |
| PLIN4 | 0.65 | 13.94 | 1.65E-08 | 4.28E-06 |
| SERPINB7 | 0.74 | 13.94 | 1.65E-08 | 4.28E-06 |
| AKR1C3 | 0.56 | 13.59 | 2.18E-08 | 5.55E-06 |
| AC256236.1 | -0.18 | -13.45 | 2.44E-08 | 6.08E-06 |
| VIM | 0.15 | 13.34 | 2.65E-08 | 6.24E-06 |
| IKZF2 | -0.31 | -13.35 | 2.63E-08 | 6.24E-06 |
| NEIL1 | -0.26 | -13.37 | 2.59E-08 | 6.24E-06 |
| FADS3 | 0.40 | 13.32 | 2.70E-08 | 6.27E-06 |
| GSDMC | -0.17 | -13.25 | 2.85E-08 | 6.39E-06 |
| TIGD1 | -0.15 | -13.26 | 2.82E-08 | 6.39E-06 |
| NOS1 | 0.30 | 13.21 | 2.96E-08 | 6.52E-06 |
| PLEKHA7 | -0.23 | -13.09 | 3.24E-08 | 7.02E-06 |
| FAM126A | 0.23 | 13.04 | 3.38E-08 | 7.12E-06 |
| MSN | 0.23 | 13.04 | 3.40E-08 | 7.12E-06 |
| DOCK11 | 0.17 | 12.92 | 3.73E-08 | 7.67E-06 |
| NES | 0.37 | 12.91 | 3.77E-08 | 7.67E-06 |
| MID1 | -0.22 | -12.84 | 4.00E-08 | 7.78E-06 |
| ARHGAP27 | -0.17 | -12.85 | 3.95E-08 | 7.78E-06 |
| ZNF780A | -0.31 | -12.87 | 3.89E-08 | 7.78E-06 |
| ADH1B | 0.56 | 12.82 | 4.08E-08 | 7.82E-06 |
| NTRK2 | 0.36 | 12.78 | 4.21E-08 | 7.86E-06 |
| CLMP | 0.59 | 12.77 | 4.22E-08 | 7.86E-06 |
| PECAM1 | 0.17 | 12.70 | 4.50E-08 | 8.26E-06 |
| CAV1 | 0.32 | 12.67 | 4.61E-08 | 8.28E-06 |
| CSRP2 | -0.21 | -12.66 | 4.63E-08 | 8.28E-06 |
| SORBS1 | 0.36 | 12.55 | 5.10E-08 | 8.75E-06 |
| KPRP | 0.51 | 12.54 | 5.17E-08 | 8.75E-06 |
| PRNP | 0.25 | 12.51 | 5.27E-08 | 8.75E-06 |
| MAP1A | 0.30 | 12.51 | 5.30E-08 | 8.75E-06 |
| LTB4R2 | -0.31 | -12.55 | 5.12E-08 | 8.75E-06 |
| WDR6 | -0.16 | -12.57 | 5.04E-08 | 8.75E-06 |
| IGFBP6 | 0.30 | 12.47 | 5.48E-08 | 8.93E-06 |
| RNASE1 | 0.32 | 12.45 | 5.54E-08 | 8.93E-06 |
| ARF3 | 0.26 | 12.40 | 5.79E-08 | 9.18E-06 |
| ABCC2 | 0.99 | 12.38 | 5.89E-08 | 9.18E-06 |
| ZNF429 | -0.13 | -12.38 | 5.91E-08 | 9.18E-06 |
| NPHP3 | -0.24 | -12.34 | 6.10E-08 | 9.38E-06 |
| TAMM41 | -0.26 | -12.30 | 6.36E-08 | 9.66E-06 |
| LPL | 0.71 | 12.27 | 6.52E-08 | 9.79E-06 |
| ITGA2 | -0.26 | -12.23 | 6.75E-08 | 1.00E-05 |
| LRIG3 | -0.14 | -12.12 | 7.39E-08 | 1.07E-05 |
| NBEAL2 | -0.23 | -12.13 | 7.34E-08 | 1.07E-05 |
| CLU | 0.31 | 12.10 | 7.56E-08 | 1.09E-05 |
| MUSTN1 | 1.22 | 12.01 | 8.14E-08 | 1.14E-05 |
| KLK5 | 0.67 | 12.00 | 8.23E-08 | 1.14E-05 |
| OR1J1 | -0.17 | -11.99 | 8.31E-08 | 1.14E-05 |
| USP40 | -0.17 | -12.01 | 8.17E-08 | 1.14E-05 |
| ENAH | 0.21 | 11.96 | 8.56E-08 | 1.17E-05 |
| EPB41L4B | 0.35 | 11.95 | 8.64E-08 | 1.17E-05 |
| CPA4 | 0.33 | 11.86 | 9.30E-08 | 1.24E-05 |
| AKR1C2 | 0.45 | 11.83 | 9.54E-08 | 1.25E-05 |
| PTPRQ | 1.01 | 11.83 | 9.59E-08 | 1.25E-05 |
| MAPKAPK2 | 0.17 | 11.82 | 9.63E-08 | 1.25E-05 |
| LAMA4 | 0.15 | 11.81 | 9.76E-08 | 1.25E-05 |
| TLR3 | -0.30 | -11.73 | 1.04E-07 | 1.33E-05 |
| KLK7 | 0.36 | 11.69 | 1.09E-07 | 1.33E-05 |
| BGN | 0.27 | 11.66 | 1.12E-07 | 1.33E-05 |
| NRN1 | 0.93 | 11.65 | 1.13E-07 | 1.33E-05 |
| CTSA | 0.17 | 11.64 | 1.14E-07 | 1.33E-05 |
| RABL6 | 0.13 | 11.63 | 1.15E-07 | 1.33E-05 |
| CCT3 | 0.14 | 11.63 | 1.15E-07 | 1.33E-05 |
| LPAR6 | -0.26 | -11.61 | 1.17E-07 | 1.33E-05 |
| TBC1D32 | -0.18 | -11.61 | 1.16E-07 | 1.33E-05 |
| ALS2CL | -0.17 | -11.63 | 1.14E-07 | 1.33E-05 |
| TMEM17 | -0.68 | -11.64 | 1.13E-07 | 1.33E-05 |
| PLCH2 | -0.27 | -11.68 | 1.10E-07 | 1.33E-05 |
| GPCPD1 | -0.24 | -11.68 | 1.09E-07 | 1.33E-05 |
| NID1 | 0.21 | 11.57 | 1.21E-07 | 1.37E-05 |
| ADAM23 | 0.35 | 11.54 | 1.24E-07 | 1.39E-05 |
| CXCL14 | 0.23 | 11.49 | 1.30E-07 | 1.43E-05 |
| FAM20A | -0.45 | -11.50 | 1.29E-07 | 1.43E-05 |
| YWHAG | 0.20 | 11.48 | 1.31E-07 | 1.43E-05 |
| TNFSF10 | -0.18 | -11.46 | 1.34E-07 | 1.45E-05 |
| SYNPO | 0.39 | 11.38 | 1.45E-07 | 1.55E-05 |
| CILP | 0.51 | 11.36 | 1.46E-07 | 1.55E-05 |
| TPCN1 | -0.15 | -11.37 | 1.45E-07 | 1.55E-05 |
| NLRP1 | -0.17 | -11.32 | 1.52E-07 | 1.60E-05 |
| FBLIM1 | -0.13 | -11.28 | 1.59E-07 | 1.65E-05 |
| DMKN | 0.21 | 11.25 | 1.63E-07 | 1.67E-05 |
| ZIK1 | -0.66 | -11.25 | 1.63E-07 | 1.67E-05 |
| MEOX2 | 0.40 | 11.20 | 1.70E-07 | 1.73E-05 |
| COL4A1 | 0.20 | 11.19 | 1.72E-07 | 1.73E-05 |
| NAA10 | 0.28 | 11.18 | 1.74E-07 | 1.74E-05 |
| KIAA0930 | 0.22 | 11.15 | 1.78E-07 | 1.77E-05 |
| GSTM1 | 1.13 | 11.11 | 1.85E-07 | 1.79E-05 |
| CD34 | 0.25 | 11.11 | 1.85E-07 | 1.79E-05 |
| TENM2 | 0.18 | 11.11 | 1.86E-07 | 1.79E-05 |
| AC011043.1 | -0.28 | -11.11 | 1.86E-07 | 1.79E-05 |
| CASP6 | -0.23 | -11.12 | 1.83E-07 | 1.79E-05 |
| NDUFB9 | 0.27 | 11.05 | 1.96E-07 | 1.85E-05 |
| PARP8 | -0.20 | -11.06 | 1.95E-07 | 1.85E-05 |
| EPHX1 | 0.30 | 11.03 | 2.00E-07 | 1.88E-05 |
| IGHG2 | 0.45 | 11.01 | 2.04E-07 | 1.90E-05 |
| COL7A1 | -0.13 | -10.98 | 2.09E-07 | 1.94E-05 |
| ITGA7 | 0.35 | 10.97 | 2.13E-07 | 1.94E-05 |
| TNXB | 0.23 | 10.97 | 2.13E-07 | 1.94E-05 |
| NR2F2 | 0.25 | 10.92 | 2.22E-07 | 2.01E-05 |
| NAMPT | 0.17 | 10.89 | 2.29E-07 | 2.05E-05 |
| TNC | 0.21 | 10.88 | 2.30E-07 | 2.05E-05 |
| JPH1 | 0.59 | 10.88 | 2.31E-07 | 2.05E-05 |
| KLK8 | 0.38 | 10.88 | 2.32E-07 | 2.05E-05 |
| PARP1 | 0.14 | 10.83 | 2.42E-07 | 2.12E-05 |
| ZNF701 | -0.13 | -10.82 | 2.45E-07 | 2.13E-05 |
| S100A7 | 0.71 | 10.80 | 2.49E-07 | 2.14E-05 |
| JAM2 | -0.13 | -10.80 | 2.50E-07 | 2.14E-05 |
| KCTD6 | -0.34 | -10.78 | 2.54E-07 | 2.16E-05 |
| GRK5 | 0.33 | 10.77 | 2.56E-07 | 2.17E-05 |
| ANGPTL2 | 0.35 | 10.73 | 2.67E-07 | 2.24E-05 |
| MBTD1 | -0.24 | -10.73 | 2.68E-07 | 2.24E-05 |
| NPR3 | -0.29 | -10.71 | 2.72E-07 | 2.26E-05 |
| ARG1 | 0.54 | 10.69 | 2.77E-07 | 2.27E-05 |
| C14orf178 | -0.12 | -10.69 | 2.78E-07 | 2.27E-05 |
| BTN3A1 | -0.15 | -10.69 | 2.77E-07 | 2.27E-05 |
| SCARA5 | 0.48 | 10.68 | 2.81E-07 | 2.28E-05 |
| SEMA6C | 0.32 | 10.66 | 2.85E-07 | 2.28E-05 |
| NRP1 | 0.16 | 10.66 | 2.86E-07 | 2.28E-05 |
| SVEP1 | 0.16 | 10.66 | 2.87E-07 | 2.28E-05 |
| DGKA | -0.12 | -10.65 | 2.90E-07 | 2.29E-05 |
| DPP4 | 0.61 | 10.63 | 2.93E-07 | 2.31E-05 |
| SAMD4A | 0.40 | 10.61 | 2.99E-07 | 2.33E-05 |
| AC243837.2 | -0.30 | -10.62 | 2.98E-07 | 2.33E-05 |
| CYP4F3 | 0.47 | 10.60 | 3.03E-07 | 2.34E-05 |
| MAP7D1 | 0.20 | 10.58 | 3.11E-07 | 2.38E-05 |
| ALDH3A2 | -0.28 | -10.58 | 3.11E-07 | 2.38E-05 |
| LTB4R | -0.25 | -10.57 | 3.13E-07 | 2.38E-05 |
| P2RY1 | -0.17 | -10.56 | 3.16E-07 | 2.39E-05 |
| AIFM1 | 0.18 | 10.52 | 3.28E-07 | 2.39E-05 |
| VWF | 0.13 | 10.51 | 3.33E-07 | 2.39E-05 |
| CACNA1H | 0.33 | 10.51 | 3.33E-07 | 2.39E-05 |
| TACSTD2 | -0.16 | -10.51 | 3.32E-07 | 2.39E-05 |
| AQP3 | -0.17 | -10.51 | 3.32E-07 | 2.39E-05 |
| AL139011.2 | -0.12 | -10.52 | 3.30E-07 | 2.39E-05 |
| PCDHGC4 | -0.41 | -10.53 | 3.25E-07 | 2.39E-05 |
| CLDN7 | -0.56 | -10.53 | 3.25E-07 | 2.39E-05 |
| ATL1 | -0.25 | -10.54 | 3.21E-07 | 2.39E-05 |
| METTL7A | 0.40 | 10.48 | 3.43E-07 | 2.45E-05 |
| BCL6 | 0.18 | 10.47 | 3.46E-07 | 2.46E-05 |
| ABCF2 | 0.19 | 10.43 | 3.60E-07 | 2.53E-05 |
| WDR66 | 0.66 | 10.43 | 3.61E-07 | 2.53E-05 |
| GPX2 | 0.46 | 10.42 | 3.64E-07 | 2.55E-05 |
| NGEF | 0.30 | 10.41 | 3.66E-07 | 2.55E-05 |
| CDON | 0.26 | 10.40 | 3.69E-07 | 2.55E-05 |
| VSIG10 | 0.26 | 10.37 | 3.79E-07 | 2.60E-05 |
| PIK3CB | -0.16 | -10.37 | 3.80E-07 | 2.60E-05 |
| FBN1 | 0.16 | 10.35 | 3.91E-07 | 2.66E-05 |
| GGCT | 0.27 | 10.34 | 3.93E-07 | 2.66E-05 |
| DRAP1 | 0.30 | 10.33 | 3.97E-07 | 2.67E-05 |
| IGF1R | -0.12 | -10.33 | 3.98E-07 | 2.67E-05 |
| GSTM3 | 0.50 | 10.29 | 4.13E-07 | 2.72E-05 |
| IGHG3 | 0.71 | 10.29 | 4.14E-07 | 2.72E-05 |
| TMPRSS11A | -0.41 | -10.29 | 4.12E-07 | 2.72E-05 |
| ADAMTS17 | -0.27 | -10.30 | 4.11E-07 | 2.72E-05 |
| GCLM | 0.28 | 10.28 | 4.19E-07 | 2.74E-05 |
| AC104534.3 | -0.18 | -10.23 | 4.40E-07 | 2.87E-05 |
| OGFRL1 | -0.16 | -10.20 | 4.55E-07 | 2.93E-05 |
| JAK2 | -0.17 | -10.20 | 4.53E-07 | 2.93E-05 |
| MEF2D | 0.13 | 10.18 | 4.62E-07 | 2.95E-05 |
| HLA-DRB4 | 0.36 | 10.17 | 4.68E-07 | 2.95E-05 |
| CR788250.1 | 0.36 | 10.17 | 4.68E-07 | 2.95E-05 |
| ZNF662 | -0.28 | -10.17 | 4.65E-07 | 2.95E-05 |
| ZNF44 | -0.21 | -10.18 | 4.63E-07 | 2.95E-05 |
| HENMT1 | -0.12 | -10.13 | 4.88E-07 | 3.06E-05 |
| GLB1L2 | 0.46 | 10.09 | 5.05E-07 | 3.14E-05 |
| PRXL2A | 0.14 | 10.09 | 5.08E-07 | 3.14E-05 |
| FAT2 | -0.13 | -10.09 | 5.06E-07 | 3.14E-05 |
| FGFR2 | -0.33 | -10.05 | 5.28E-07 | 3.24E-05 |
| PAPLN | -0.34 | -10.02 | 5.44E-07 | 3.33E-05 |
| HSD17B10 | 0.16 | 10.00 | 5.52E-07 | 3.36E-05 |
| CD93 | 0.23 | 9.97 | 5.73E-07 | 3.48E-05 |
| ANXA6 | 0.24 | 9.96 | 5.82E-07 | 3.51E-05 |
| ANKAR | -0.16 | -9.95 | 5.84E-07 | 3.51E-05 |
| BCAM | 0.17 | 9.94 | 5.89E-07 | 3.52E-05 |
| MRPL36 | 0.32 | 9.93 | 5.96E-07 | 3.55E-05 |
| FOLR2 | 0.46 | 9.91 | 6.09E-07 | 3.59E-05 |
| MT1X | -0.35 | -9.91 | 6.11E-07 | 3.59E-05 |
| HIVEP3 | -0.19 | -9.91 | 6.09E-07 | 3.59E-05 |
| ALPK3 | 0.70 | 9.88 | 6.31E-07 | 3.67E-05 |
| CLDND1 | -0.16 | -9.88 | 6.29E-07 | 3.67E-05 |
| LONRF1 | -0.15 | -9.87 | 6.36E-07 | 3.69E-05 |
| EPHB2 | 0.62 | 9.86 | 6.45E-07 | 3.72E-05 |
| UGDH | -0.15 | -9.81 | 6.80E-07 | 3.87E-05 |
| ETNK2 | -0.68 | -9.81 | 6.79E-07 | 3.87E-05 |
| CXADR | -0.31 | -9.81 | 6.76E-07 | 3.87E-05 |
| PI16 | 0.40 | 9.79 | 6.89E-07 | 3.91E-05 |
| UBQLN2 | 0.19 | 9.79 | 6.92E-07 | 3.91E-05 |
| AKAP12 | 0.30 | 9.77 | 7.08E-07 | 3.98E-05 |
| ARHGEF19 | -0.25 | -9.73 | 7.37E-07 | 4.13E-05 |
| CCNL2 | -0.12 | -9.71 | 7.49E-07 | 4.16E-05 |
| SPG11 | -0.11 | -9.71 | 7.48E-07 | 4.16E-05 |
| ULK2 | -0.12 | -9.70 | 7.58E-07 | 4.19E-05 |
| CLEC14A | 0.34 | 9.68 | 7.78E-07 | 4.28E-05 |
| PLA2G4D | 0.34 | 9.67 | 7.81E-07 | 4.28E-05 |
| IDE | 0.15 | 9.67 | 7.88E-07 | 4.30E-05 |
| PDGFRB | 0.21 | 9.66 | 7.95E-07 | 4.32E-05 |
| MLF1 | 0.56 | 9.63 | 8.18E-07 | 4.42E-05 |
| TMEM168 | -0.15 | -9.63 | 8.19E-07 | 4.42E-05 |
| PTHLH | 0.54 | 9.62 | 8.30E-07 | 4.44E-05 |
| LRRC1 | -0.21 | -9.62 | 8.27E-07 | 4.44E-05 |
| CAVIN2 | 0.42 | 9.61 | 8.39E-07 | 4.46E-05 |
| MEIS2 | -0.45 | -9.61 | 8.39E-07 | 4.46E-05 |
| ZNF423 | 0.37 | 9.58 | 8.59E-07 | 4.54E-05 |
| MEIS1 | -0.49 | -9.57 | 8.73E-07 | 4.59E-05 |
| PACRG | -0.13 | -9.56 | 8.82E-07 | 4.61E-05 |
| ARHGAP8 | -0.10 | -9.56 | 8.82E-07 | 4.61E-05 |
| AOC3 | 0.48 | 9.55 | 8.87E-07 | 4.62E-05 |
| CD163 | 0.29 | 9.55 | 8.93E-07 | 4.63E-05 |
| LMOD1 | 0.57 | 9.53 | 9.06E-07 | 4.67E-05 |
| KRT2 | 0.60 | 9.52 | 9.20E-07 | 4.73E-05 |
| CBX2 | 0.64 | 9.50 | 9.40E-07 | 4.82E-05 |
| NEFL | 0.89 | 9.49 | 9.48E-07 | 4.84E-05 |
| PRICKLE2 | -0.17 | -9.48 | 9.62E-07 | 4.89E-05 |
| FANCC | -0.14 | -9.47 | 9.70E-07 | 4.91E-05 |
| THBS2 | 0.27 | 9.46 | 9.83E-07 | 4.96E-05 |
| PLIN1 | 0.91 | 9.44 | 1.00E-06 | 5.04E-05 |
| CCT7 | 0.12 | 9.43 | 1.01E-06 | 5.05E-05 |
| IER5 | 0.36 | 9.42 | 1.03E-06 | 5.12E-05 |
| GPD1 | 0.89 | 9.40 | 1.04E-06 | 5.17E-05 |
| BBOX1 | -0.36 | -9.40 | 1.04E-06 | 5.17E-05 |
| SPRR2G | 1.01 | 9.40 | 1.05E-06 | 5.19E-05 |
| ISY1 | -0.10 | -9.39 | 1.06E-06 | 5.22E-05 |
| MAPRE3 | 0.30 | 9.38 | 1.07E-06 | 5.25E-05 |
| ATP6V1C2 | 0.22 | 9.37 | 1.08E-06 | 5.26E-05 |
| ZNF195 | -0.11 | -9.36 | 1.09E-06 | 5.29E-05 |
| ZNF418 | -0.52 | -9.35 | 1.10E-06 | 5.32E-05 |
| OLFML3 | 0.42 | 9.34 | 1.12E-06 | 5.38E-05 |
| ZNF790 | -0.42 | -9.34 | 1.12E-06 | 5.39E-05 |
| SLC24A3 | -0.13 | -9.33 | 1.13E-06 | 5.39E-05 |
| B4GALNT3 | 0.29 | 9.32 | 1.14E-06 | 5.42E-05 |
| PPP2R2C | 0.18 | 9.32 | 1.14E-06 | 5.42E-05 |
| PIGN | -0.17 | -9.32 | 1.14E-06 | 5.42E-05 |
| FNDC1 | 0.36 | 9.31 | 1.15E-06 | 5.42E-05 |
| TIAM1 | -0.13 | -9.31 | 1.15E-06 | 5.43E-05 |
| SLC9A3 | -0.52 | -9.30 | 1.16E-06 | 5.46E-05 |
| GAMT | 0.25 | 9.30 | 1.17E-06 | 5.47E-05 |
| G6PD | 0.32 | 9.29 | 1.17E-06 | 5.47E-05 |
| NEXN | 0.74 | 9.28 | 1.20E-06 | 5.54E-05 |
| MAL2 | -0.20 | -9.27 | 1.20E-06 | 5.54E-05 |
| AP4B1 | -0.21 | -9.27 | 1.20E-06 | 5.54E-05 |
| TAGLN2 | 0.14 | 9.25 | 1.23E-06 | 5.63E-05 |
| CRIP1 | 0.29 | 9.24 | 1.25E-06 | 5.70E-05 |
| AL928654.3 | 0.29 | 9.24 | 1.25E-06 | 5.70E-05 |
| JAG1 | -0.12 | -9.23 | 1.26E-06 | 5.71E-05 |
| HLA-DRB3 | 0.46 | 9.22 | 1.27E-06 | 5.72E-05 |
| RAVER2 | -0.20 | -9.23 | 1.27E-06 | 5.72E-05 |
| LGMN | 0.19 | 9.21 | 1.29E-06 | 5.81E-05 |
| AL031315.1 | -0.15 | -9.19 | 1.31E-06 | 5.87E-05 |
| PRELP | 0.42 | 9.19 | 1.32E-06 | 5.87E-05 |
| HAX1 | 0.16 | 9.18 | 1.33E-06 | 5.88E-05 |
| SPATA6 | -0.22 | -9.18 | 1.33E-06 | 5.88E-05 |
| KIF6 | -0.18 | -9.19 | 1.32E-06 | 5.88E-05 |
| SSC5D | 0.40 | 9.16 | 1.35E-06 | 5.95E-05 |
| GPAM | 0.32 | 9.16 | 1.36E-06 | 5.95E-05 |
| AADACL2 | 0.49 | 9.16 | 1.36E-06 | 5.95E-05 |
| IMPA1 | -0.24 | -9.16 | 1.36E-06 | 5.95E-05 |
| CD38 | 0.89 | 9.15 | 1.37E-06 | 5.97E-05 |
| RPL36A-HNRNPH2 | 0.21 | 9.15 | 1.38E-06 | 5.99E-05 |
| BARD1 | -0.16 | -9.14 | 1.39E-06 | 6.01E-05 |
| ZNF714 | -0.10 | -9.13 | 1.40E-06 | 6.03E-05 |
| PAMR1 | 0.48 | 9.13 | 1.41E-06 | 6.05E-05 |
| BOC | -0.13 | -9.12 | 1.42E-06 | 6.08E-05 |
| DAB2 | 0.21 | 9.12 | 1.43E-06 | 6.08E-05 |
| CNTN1 | 0.17 | 9.10 | 1.45E-06 | 6.16E-05 |
| BICD1 | 0.29 | 9.09 | 1.47E-06 | 6.19E-05 |
| CGA | -0.14 | -9.10 | 1.46E-06 | 6.19E-05 |
| FHL1 | 0.59 | 9.09 | 1.48E-06 | 6.22E-05 |
| TEAD4 | 0.53 | 9.08 | 1.50E-06 | 6.28E-05 |
| LMO4 | -0.30 | -9.04 | 1.55E-06 | 6.49E-05 |
| SMG1 | -0.11 | -9.03 | 1.57E-06 | 6.54E-05 |
| STON2 | -0.13 | -9.02 | 1.59E-06 | 6.62E-05 |
| MYL10 | -0.11 | -9.00 | 1.62E-06 | 6.72E-05 |
| CEP95 | -0.19 | -9.00 | 1.63E-06 | 6.75E-05 |
| CACNA2D3 | -0.16 | -8.99 | 1.65E-06 | 6.78E-05 |
| ZNF669 | -0.13 | -8.99 | 1.65E-06 | 6.78E-05 |
| CTBS | -0.23 | -8.97 | 1.68E-06 | 6.88E-05 |
| TKT | 0.23 | 8.93 | 1.75E-06 | 7.14E-05 |
| LIPH | -0.45 | -8.92 | 1.78E-06 | 7.25E-05 |
| DOCK1 | -0.13 | -8.90 | 1.81E-06 | 7.34E-05 |
| ID3 | 0.37 | 8.89 | 1.84E-06 | 7.41E-05 |
| ACTC1 | 1.13 | 8.89 | 1.84E-06 | 7.41E-05 |
| KLK6 | 0.85 | 8.88 | 1.87E-06 | 7.51E-05 |
| OLFM1 | 0.42 | 8.86 | 1.90E-06 | 7.59E-05 |
| PUM2 | -0.10 | -8.86 | 1.90E-06 | 7.59E-05 |
| MPP7 | -0.25 | -8.86 | 1.91E-06 | 7.59E-05 |
| PI3 | 0.49 | 8.85 | 1.93E-06 | 7.65E-05 |
| SLC9A3R1 | -0.13 | -8.84 | 1.95E-06 | 7.71E-05 |
| MLXIPL | 0.68 | 8.83 | 1.96E-06 | 7.73E-05 |
| NPC1L1 | -0.12 | -8.83 | 1.96E-06 | 7.73E-05 |
| THSD4 | 0.16 | 8.82 | 1.98E-06 | 7.78E-05 |
| RPL36A | 0.17 | 8.81 | 2.01E-06 | 7.85E-05 |
| GFPT2 | 0.39 | 8.81 | 2.02E-06 | 7.87E-05 |
| VCL | 0.12 | 8.79 | 2.05E-06 | 7.93E-05 |
| AC003002.2 | -0.16 | -8.80 | 2.05E-06 | 7.93E-05 |
| ZNF667 | -0.63 | -8.80 | 2.04E-06 | 7.93E-05 |
| ARHGAP32 | -0.13 | -8.78 | 2.08E-06 | 8.01E-05 |
| CXCL17 | -0.61 | -8.78 | 2.09E-06 | 8.03E-05 |
| SCARA3 | 0.26 | 8.77 | 2.12E-06 | 8.11E-05 |
| SPIRE1 | 0.35 | 8.76 | 2.13E-06 | 8.11E-05 |
| GBA | 0.23 | 8.76 | 2.13E-06 | 8.11E-05 |
| LIPM | 0.70 | 8.75 | 2.16E-06 | 8.21E-05 |
| COL14A1 | 0.14 | 8.74 | 2.18E-06 | 8.25E-05 |
| BST2 | 0.35 | 8.74 | 2.19E-06 | 8.26E-05 |
| MOB3C | 0.21 | 8.73 | 2.22E-06 | 8.35E-05 |
| MYL9 | 0.41 | 8.72 | 2.23E-06 | 8.35E-05 |
| MRC1 | 0.25 | 8.72 | 2.25E-06 | 8.35E-05 |
| GPX4 | 0.15 | 8.72 | 2.25E-06 | 8.35E-05 |
| SLC36A1 | 0.30 | 8.71 | 2.26E-06 | 8.35E-05 |
| NTN4 | 0.24 | 8.71 | 2.26E-06 | 8.35E-05 |
| EIF4EBP2 | 0.21 | 8.71 | 2.27E-06 | 8.35E-05 |
| SERPING1 | 0.22 | 8.70 | 2.28E-06 | 8.35E-05 |
| CPED1 | 0.26 | 8.70 | 2.28E-06 | 8.35E-05 |
| FMO1 | -0.61 | -8.71 | 2.26E-06 | 8.35E-05 |
| RHOT1 | -0.17 | -8.71 | 2.25E-06 | 8.35E-05 |
| ABHD2 | 0.22 | 8.69 | 2.32E-06 | 8.49E-05 |
| ASPH | 0.13 | 8.68 | 2.34E-06 | 8.51E-05 |
| LCE3E | 1.46 | 8.67 | 2.36E-06 | 8.55E-05 |
| ERN1 | -0.21 | -8.67 | 2.36E-06 | 8.55E-05 |
| THBS4 | 0.30 | 8.66 | 2.39E-06 | 8.59E-05 |
| ITPK1 | 0.24 | 8.66 | 2.39E-06 | 8.59E-05 |
| COG3 | -0.13 | -8.66 | 2.38E-06 | 8.59E-05 |
| PROS1 | -0.17 | -8.66 | 2.40E-06 | 8.61E-05 |
| TMEM19 | -0.21 | -8.64 | 2.44E-06 | 8.71E-05 |
| BSG | 0.13 | 8.64 | 2.45E-06 | 8.74E-05 |
| WDR62 | 0.28 | 8.63 | 2.49E-06 | 8.84E-05 |
| RPL37 | 0.16 | 8.62 | 2.50E-06 | 8.85E-05 |
| SMOX | 0.34 | 8.62 | 2.50E-06 | 8.85E-05 |
| GJB6 | 0.17 | 8.60 | 2.56E-06 | 9.02E-05 |
| AC000093.1 | 0.16 | 8.59 | 2.60E-06 | 9.05E-05 |
| sep-05 | 0.16 | 8.59 | 2.60E-06 | 9.05E-05 |
| SLC9A8 | -0.21 | -8.59 | 2.60E-06 | 9.05E-05 |
| SAT1 | -0.22 | -8.59 | 2.60E-06 | 9.05E-05 |
| CMTR2 | -0.21 | -8.59 | 2.58E-06 | 9.05E-05 |
| OSMR | -0.21 | -8.58 | 2.62E-06 | 9.08E-05 |
| DYSF | 0.31 | 8.58 | 2.63E-06 | 9.08E-05 |
| ACE | 0.20 | 8.58 | 2.63E-06 | 9.08E-05 |
| SLC27A6 | -0.60 | -8.58 | 2.64E-06 | 9.08E-05 |
| APCDD1 | 0.18 | 8.57 | 2.65E-06 | 9.10E-05 |
| ETV4 | 0.59 | 8.55 | 2.73E-06 | 9.33E-05 |
| TSPAN5 | -0.28 | -8.55 | 2.73E-06 | 9.33E-05 |
| SNX33 | -0.10 | -8.54 | 2.75E-06 | 9.36E-05 |
| DLX5 | 0.49 | 8.54 | 2.77E-06 | 9.40E-05 |
| FUT2 | -0.18 | -8.53 | 2.79E-06 | 9.46E-05 |
| TTC39C | -0.14 | -8.52 | 2.81E-06 | 9.47E-05 |
| KANSL1 | -0.10 | -8.52 | 2.81E-06 | 9.47E-05 |
| NABP2 | 0.30 | 8.51 | 2.86E-06 | 9.51E-05 |
| SLC25A14 | -0.10 | -8.51 | 2.85E-06 | 9.51E-05 |
| ACCS | -0.29 | -8.51 | 2.85E-06 | 9.51E-05 |
| MKNK1 | -0.10 | -8.51 | 2.84E-06 | 9.51E-05 |
| NYNRIN | -0.18 | -8.52 | 2.83E-06 | 9.51E-05 |
| ZNF839 | -0.19 | -8.51 | 2.87E-06 | 9.52E-05 |
| NCAM1 | 0.38 | 8.49 | 2.93E-06 | 9.69E-05 |
| AARS | 0.12 | 8.48 | 2.95E-06 | 9.71E-05 |
| MFSD4B | -0.19 | -8.48 | 2.95E-06 | 9.71E-05 |
| PRKCI | -0.12 | -8.47 | 2.98E-06 | 9.79E-05 |
| LARP6 | 0.65 | 8.46 | 3.01E-06 | 9.87E-05 |
| N4BP2 | -0.16 | -8.46 | 3.03E-06 | 9.92E-05 |
| CES1 | 0.53 | 8.46 | 3.04E-06 | 9.92E-05 |
| CDC34 | 0.24 | 8.44 | 3.09E-06 | 1.00E-04 |
| ARV1 | -0.11 | -8.44 | 3.09E-06 | 1.00E-04 |
| NDUFA11 | -0.11 | -8.44 | 3.08E-06 | 1.00E-04 |
| PABPC4 | 0.16 | 8.44 | 3.10E-06 | 1.00E-04 |
| MMP2 | 0.16 | 8.43 | 3.13E-06 | 1.01E-04 |
| C11orf80 | -0.12 | -8.42 | 3.17E-06 | 1.02E-04 |
| SLC38A6 | -0.11 | -8.42 | 3.17E-06 | 1.02E-04 |
| BMP4 | 0.39 | 8.41 | 3.19E-06 | 1.02E-04 |
| DHRS7 | -0.10 | -8.41 | 3.20E-06 | 1.02E-04 |
| CTSZ | 0.22 | 8.40 | 3.23E-06 | 1.03E-04 |
| DENND4C | -0.11 | -8.39 | 3.27E-06 | 1.04E-04 |
| CASP14 | 1.04 | 8.38 | 3.31E-06 | 1.05E-04 |
| AHSA1 | 0.15 | 8.37 | 3.35E-06 | 1.06E-04 |
| SLC46A3 | -0.33 | -8.36 | 3.42E-06 | 1.08E-04 |
| AKR1B1 | 0.37 | 8.35 | 3.43E-06 | 1.08E-04 |
| RPL7A | 0.10 | 8.35 | 3.44E-06 | 1.08E-04 |
| NAGK | -0.15 | -8.35 | 3.44E-06 | 1.08E-04 |
| AK1 | 0.43 | 8.34 | 3.47E-06 | 1.08E-04 |
| ADGRD1 | 0.41 | 8.34 | 3.48E-06 | 1.08E-04 |
| BHLHE40 | -0.14 | -8.34 | 3.50E-06 | 1.09E-04 |
| ITM2B | -0.11 | -8.33 | 3.54E-06 | 1.10E-04 |
| TSHZ3 | 0.37 | 8.32 | 3.56E-06 | 1.10E-04 |
| NHLRC3 | -0.22 | -8.31 | 3.60E-06 | 1.11E-04 |
| ZNF706 | 0.19 | 8.30 | 3.66E-06 | 1.12E-04 |
| AKAP2 | 0.22 | 8.30 | 3.67E-06 | 1.12E-04 |
| DKC1 | 0.17 | 8.30 | 3.67E-06 | 1.12E-04 |
| REL | -0.12 | -8.30 | 3.65E-06 | 1.12E-04 |
| RTTN | -0.12 | -8.29 | 3.68E-06 | 1.12E-04 |
| MTCL1 | -0.20 | -8.28 | 3.73E-06 | 1.14E-04 |
| EFNB1 | 0.30 | 8.27 | 3.79E-06 | 1.15E-04 |
| BZW2 | 0.14 | 8.27 | 3.79E-06 | 1.15E-04 |
| TMTC1 | 0.23 | 8.27 | 3.79E-06 | 1.15E-04 |
| FSCN1 | 0.22 | 8.26 | 3.83E-06 | 1.15E-04 |
| CYB5R1 | 0.27 | 8.26 | 3.83E-06 | 1.15E-04 |
| TSPOAP1 | -0.29 | -8.26 | 3.83E-06 | 1.15E-04 |
| CEP192 | -0.12 | -8.26 | 3.83E-06 | 1.15E-04 |
| HSPA1A | 0.16 | 8.25 | 3.89E-06 | 1.16E-04 |
| RAPGEFL1 | -0.14 | -8.25 | 3.90E-06 | 1.16E-04 |
| NBPF10 | -0.13 | -8.25 | 3.88E-06 | 1.16E-04 |
| KDM4A | -0.11 | -8.22 | 4.00E-06 | 1.19E-04 |
| POMZP3 | -0.09 | -8.22 | 4.02E-06 | 1.19E-04 |
| GAREM1 | 0.25 | 8.22 | 4.04E-06 | 1.19E-04 |
| THEM5 | 0.33 | 8.21 | 4.07E-06 | 1.20E-04 |
| ADGRF4 | -0.15 | -8.21 | 4.08E-06 | 1.20E-04 |
| PKP2 | -0.10 | -8.20 | 4.09E-06 | 1.20E-04 |
| ZDHHC20 | -0.17 | -8.20 | 4.11E-06 | 1.20E-04 |
| ITGA8 | 0.27 | 8.20 | 4.13E-06 | 1.21E-04 |
| AKR1C1 | 0.37 | 8.19 | 4.15E-06 | 1.21E-04 |
| HAL | 1.05 | 8.19 | 4.19E-06 | 1.22E-04 |
| FABP4 | 1.50 | 8.18 | 4.21E-06 | 1.22E-04 |
| KRT23 | 0.35 | 8.18 | 4.24E-06 | 1.23E-04 |
| KANK2 | 0.25 | 8.17 | 4.25E-06 | 1.23E-04 |
| TENM3 | 0.22 | 8.17 | 4.26E-06 | 1.23E-04 |
| C19orf53 | 0.56 | 8.17 | 4.29E-06 | 1.24E-04 |
| BIN1 | 0.46 | 8.16 | 4.32E-06 | 1.24E-04 |
| ADCY9 | 0.15 | 8.16 | 4.32E-06 | 1.24E-04 |
| NAPRT | -0.36 | -8.15 | 4.37E-06 | 1.25E-04 |
| CACNB1 | 0.40 | 8.15 | 4.40E-06 | 1.25E-04 |
| C2orf16 | -0.29 | -8.14 | 4.41E-06 | 1.25E-04 |
| GATM | -0.30 | -8.14 | 4.41E-06 | 1.25E-04 |
| AC256203.1 | -0.12 | -8.14 | 4.43E-06 | 1.26E-04 |
| COL4A2 | 0.21 | 8.12 | 4.51E-06 | 1.28E-04 |
| LMOD2 | 1.19 | 8.12 | 4.53E-06 | 1.28E-04 |
| BBS9 | -0.11 | -8.12 | 4.52E-06 | 1.28E-04 |
| ACVR1B | -0.16 | -8.12 | 4.54E-06 | 1.28E-04 |
| IQSEC1 | 0.14 | 8.12 | 4.55E-06 | 1.28E-04 |
| DPYD | -0.29 | -8.11 | 4.57E-06 | 1.28E-04 |
| MEOX1 | 0.50 | 8.10 | 4.63E-06 | 1.29E-04 |
| TBX18 | 0.84 | 8.08 | 4.75E-06 | 1.32E-04 |
| PCDH19 | 0.37 | 8.08 | 4.76E-06 | 1.32E-04 |
| TNFSF12 | 0.27 | 8.08 | 4.78E-06 | 1.32E-04 |
| ANK2 | 0.23 | 8.08 | 4.78E-06 | 1.32E-04 |
| SMG6 | -0.11 | -8.08 | 4.77E-06 | 1.32E-04 |
| ZNF91 | -0.17 | -8.08 | 4.77E-06 | 1.32E-04 |
| CNTNAP3B | -0.15 | -8.08 | 4.75E-06 | 1.32E-04 |
| WDR11 | -0.13 | -8.07 | 4.81E-06 | 1.32E-04 |
| PTMS | 0.26 | 8.06 | 4.85E-06 | 1.33E-04 |
| MED23 | -0.12 | -8.06 | 4.86E-06 | 1.33E-04 |
| FLNB | -0.09 | -8.07 | 4.84E-06 | 1.33E-04 |
| MAOB | -0.21 | -8.06 | 4.88E-06 | 1.33E-04 |
| UCHL1 | 0.66 | 8.05 | 4.92E-06 | 1.34E-04 |
| MTSS1 | -0.16 | -8.03 | 5.05E-06 | 1.37E-04 |
| PRKD3 | -0.13 | -8.03 | 5.07E-06 | 1.37E-04 |
| IGHG1 | 0.33 | 8.03 | 5.08E-06 | 1.37E-04 |
| CYP4F12 | -0.24 | -8.02 | 5.11E-06 | 1.38E-04 |
| CDO1 | 1.18 | 8.02 | 5.14E-06 | 1.38E-04 |
| PCCB | -0.10 | -8.02 | 5.15E-06 | 1.38E-04 |
| SLC44A3 | -0.31 | -8.02 | 5.14E-06 | 1.38E-04 |
| EIF3C | 0.12 | 8.01 | 5.17E-06 | 1.38E-04 |
| LGR4 | -0.23 | -8.01 | 5.17E-06 | 1.38E-04 |
| SLX4IP | -0.15 | -8.00 | 5.24E-06 | 1.40E-04 |
| MRPS21 | 0.21 | 8.00 | 5.28E-06 | 1.40E-04 |
| VPS13D | -0.13 | -8.00 | 5.28E-06 | 1.40E-04 |
| C2CD2L | 0.22 | 7.99 | 5.32E-06 | 1.41E-04 |
| CFHR2 | -0.09 | -7.99 | 5.31E-06 | 1.41E-04 |
| TOMM7 | -0.10 | -7.99 | 5.34E-06 | 1.41E-04 |
| CCL14 | 0.37 | 7.98 | 5.41E-06 | 1.42E-04 |
| FAM25A | 0.72 | 7.97 | 5.47E-06 | 1.44E-04 |
| CAVIN1 | 0.19 | 7.96 | 5.51E-06 | 1.45E-04 |
| SPTB | 0.47 | 7.94 | 5.63E-06 | 1.47E-04 |
| TBX15 | 0.61 | 7.94 | 5.66E-06 | 1.48E-04 |
| MDH2 | 0.14 | 7.94 | 5.67E-06 | 1.48E-04 |
| MRPL24 | 0.21 | 7.94 | 5.68E-06 | 1.48E-04 |
| KCNJ5 | -0.54 | -7.92 | 5.80E-06 | 1.51E-04 |
| SMPD3 | 0.59 | 7.91 | 5.85E-06 | 1.51E-04 |
| HSPB8 | 0.19 | 7.91 | 5.85E-06 | 1.51E-04 |
| CYFIP1 | -0.10 | -7.91 | 5.87E-06 | 1.52E-04 |
| FZD4 | 0.19 | 7.91 | 5.90E-06 | 1.52E-04 |
| HPSE2 | 0.49 | 7.90 | 5.92E-06 | 1.52E-04 |
| VPS8 | -0.12 | -7.90 | 5.92E-06 | 1.52E-04 |
| MAP3K13 | -0.25 | -7.90 | 5.95E-06 | 1.52E-04 |
| GOLGA6L9 | -0.34 | -7.90 | 5.94E-06 | 1.52E-04 |
| SACM1L | -0.16 | -7.89 | 6.00E-06 | 1.53E-04 |
| PLXNA4 | 0.28 | 7.89 | 6.04E-06 | 1.54E-04 |
| COL15A1 | 0.15 | 7.88 | 6.06E-06 | 1.54E-04 |
| SLFN5 | -0.12 | -7.88 | 6.06E-06 | 1.54E-04 |
| TSGA10 | -0.31 | -7.88 | 6.06E-06 | 1.54E-04 |
| UBASH3B | 0.43 | 7.88 | 6.10E-06 | 1.54E-04 |
| MST1R | -0.14 | -7.88 | 6.11E-06 | 1.54E-04 |
| SERHL2 | -0.30 | -7.88 | 6.12E-06 | 1.54E-04 |
| PER2 | -0.17 | -7.87 | 6.18E-06 | 1.55E-04 |
| FAM83A | -0.54 | -7.86 | 6.25E-06 | 1.57E-04 |
| HBB | -0.45 | -7.84 | 6.40E-06 | 1.60E-04 |
| CERS2 | 0.13 | 7.83 | 6.45E-06 | 1.61E-04 |
| TMEM14A | -0.26 | -7.83 | 6.50E-06 | 1.62E-04 |
| PDHA1 | -0.11 | -7.82 | 6.55E-06 | 1.63E-04 |
| GVQW2 | -0.12 | -7.82 | 6.58E-06 | 1.63E-04 |
| H2AFJ | 0.25 | 7.81 | 6.62E-06 | 1.64E-04 |
| ABCC3 | 0.26 | 7.80 | 6.70E-06 | 1.66E-04 |
| SCIN | -0.75 | -7.80 | 6.70E-06 | 1.66E-04 |
| SLIT3 | 0.20 | 7.80 | 6.75E-06 | 1.66E-04 |
| PSMD4 | 0.12 | 7.80 | 6.76E-06 | 1.66E-04 |
| ZNF709 | -0.46 | -7.79 | 6.77E-06 | 1.66E-04 |
| AC008758.1 | -0.46 | -7.79 | 6.77E-06 | 1.66E-04 |
| PCGF3 | -0.22 | -7.80 | 6.76E-06 | 1.66E-04 |
| NUTF2 | 0.23 | 7.79 | 6.80E-06 | 1.66E-04 |
| ABCC1 | 0.19 | 7.79 | 6.82E-06 | 1.66E-04 |
| CDH1 | -0.12 | -7.79 | 6.83E-06 | 1.66E-04 |
| B3GNT5 | -0.23 | -7.79 | 6.82E-06 | 1.66E-04 |
| HYOU1 | 0.11 | 7.78 | 6.85E-06 | 1.66E-04 |
| DHX40 | -0.11 | -7.78 | 6.86E-06 | 1.66E-04 |
| ALPK1 | -0.14 | -7.78 | 6.88E-06 | 1.66E-04 |
| STAP2 | -0.09 | -7.77 | 6.96E-06 | 1.68E-04 |
| HDGF | 0.19 | 7.77 | 7.00E-06 | 1.68E-04 |
| FAM111A | -0.14 | -7.77 | 7.02E-06 | 1.69E-04 |
| ASB3 | -0.11 | -7.76 | 7.06E-06 | 1.69E-04 |
| CCT5 | 0.14 | 7.75 | 7.16E-06 | 1.71E-04 |
| LRRC59 | 0.17 | 7.74 | 7.20E-06 | 1.72E-04 |
| ATP5MF | 0.20 | 7.74 | 7.22E-06 | 1.72E-04 |
| SEC22A | -0.15 | -7.74 | 7.23E-06 | 1.72E-04 |
| MRPS34 | 0.18 | 7.74 | 7.27E-06 | 1.73E-04 |
| SATB2 | 0.47 | 7.73 | 7.33E-06 | 1.73E-04 |
| CIRBP | -0.16 | -7.73 | 7.33E-06 | 1.73E-04 |
| GUCY2C | -0.16 | -7.73 | 7.32E-06 | 1.73E-04 |
| IGFL2 | 1.24 | 7.73 | 7.36E-06 | 1.74E-04 |
| RRS1 | 0.41 | 7.72 | 7.44E-06 | 1.75E-04 |
| FSIP2 | -0.35 | -7.72 | 7.46E-06 | 1.75E-04 |
| LINS1 | -0.16 | -7.71 | 7.55E-06 | 1.77E-04 |
| ANAPC4 | -0.17 | -7.71 | 7.55E-06 | 1.77E-04 |
| C1S | 0.10 | 7.70 | 7.59E-06 | 1.77E-04 |
| TINCR | -0.13 | -7.70 | 7.58E-06 | 1.77E-04 |
| PALM | 0.29 | 7.70 | 7.65E-06 | 1.78E-04 |
| PGAP1 | -0.14 | -7.70 | 7.66E-06 | 1.78E-04 |
| RAD23A | 0.16 | 7.69 | 7.74E-06 | 1.79E-04 |
| HOXD8 | 0.66 | 7.69 | 7.75E-06 | 1.79E-04 |
| AC242842.3 | -0.12 | -7.69 | 7.75E-06 | 1.79E-04 |
| NBPF19 | -0.12 | -7.69 | 7.75E-06 | 1.79E-04 |
| AC104472.3 | -0.09 | -7.69 | 7.71E-06 | 1.79E-04 |
| ZNF514 | -0.23 | -7.67 | 7.87E-06 | 1.81E-04 |
| PDLIM3 | 0.62 | 7.67 | 7.89E-06 | 1.81E-04 |
| MFAP4 | 0.28 | 7.67 | 7.92E-06 | 1.81E-04 |
| GARS | 0.15 | 7.67 | 7.95E-06 | 1.81E-04 |
| PDGFRA | 0.12 | 7.67 | 7.96E-06 | 1.81E-04 |
| GPC3 | 0.65 | 7.66 | 7.99E-06 | 1.81E-04 |
| CCDC80 | 0.22 | 7.66 | 8.00E-06 | 1.81E-04 |
| IRF4 | 0.42 | 7.66 | 8.00E-06 | 1.81E-04 |
| RYR1 | 0.54 | 7.66 | 8.01E-06 | 1.81E-04 |
| HERC2 | -0.09 | -7.66 | 8.00E-06 | 1.81E-04 |
| SPATA1 | -0.50 | -7.67 | 7.90E-06 | 1.81E-04 |
| C12orf45 | -0.11 | -7.66 | 8.02E-06 | 1.81E-04 |
| YOD1 | 0.22 | 7.66 | 8.06E-06 | 1.82E-04 |
| PLA2G4A | 0.16 | 7.65 | 8.09E-06 | 1.82E-04 |
| NAB1 | 0.09 | 7.65 | 8.09E-06 | 1.82E-04 |
| ZNF302 | -0.13 | -7.65 | 8.11E-06 | 1.82E-04 |
| ADRA1A | -0.11 | -7.65 | 8.11E-06 | 1.82E-04 |
| GPI | 0.11 | 7.65 | 8.14E-06 | 1.82E-04 |
| PSMC2 | 0.10 | 7.64 | 8.17E-06 | 1.82E-04 |
| P2RY2 | -0.26 | -7.65 | 8.16E-06 | 1.82E-04 |
| FMC1 | 0.59 | 7.64 | 8.25E-06 | 1.84E-04 |
| GDPD2 | -0.11 | -7.63 | 8.28E-06 | 1.84E-04 |
| CCDC88C | -0.10 | -7.63 | 8.32E-06 | 1.84E-04 |
| GPR18 | -0.25 | -7.62 | 8.47E-06 | 1.87E-04 |
| SRD5A1 | 0.21 | 7.61 | 8.53E-06 | 1.89E-04 |
| SPINT2 | -0.12 | -7.61 | 8.58E-06 | 1.89E-04 |
| FLNC | 0.58 | 7.60 | 8.63E-06 | 1.90E-04 |
| SYTL1 | -0.14 | -7.60 | 8.68E-06 | 1.91E-04 |
| ZNF266 | -0.20 | -7.59 | 8.78E-06 | 1.93E-04 |
| JCAD | 0.20 | 7.58 | 8.91E-06 | 1.94E-04 |
| DYNLT3 | -0.12 | -7.58 | 8.91E-06 | 1.94E-04 |
| THUMPD1 | -0.20 | -7.58 | 8.91E-06 | 1.94E-04 |
| COL1A1 | -0.16 | -7.58 | 8.89E-06 | 1.94E-04 |
| GGH | 0.18 | 7.57 | 8.93E-06 | 1.94E-04 |
| PHB2 | 0.14 | 7.57 | 9.01E-06 | 1.96E-04 |
| ZNF519 | -0.43 | -7.57 | 9.00E-06 | 1.96E-04 |
| BPHL | -0.20 | -7.56 | 9.04E-06 | 1.96E-04 |
| GSDMA | 1.35 | 7.55 | 9.23E-06 | 1.99E-04 |
| YWHAH | 0.12 | 7.55 | 9.24E-06 | 1.99E-04 |
| USP2 | 0.39 | 7.55 | 9.25E-06 | 1.99E-04 |
| COPS4 | -0.10 | -7.55 | 9.22E-06 | 1.99E-04 |
| NEMP1 | -0.21 | -7.54 | 9.39E-06 | 2.01E-04 |
| ADRB2 | -0.23 | -7.54 | 9.39E-06 | 2.01E-04 |
| LDHB | 0.23 | 7.53 | 9.41E-06 | 2.02E-04 |
| CYP3A5 | -0.31 | -7.53 | 9.46E-06 | 2.02E-04 |
| CD248 | 0.40 | 7.52 | 9.54E-06 | 2.04E-04 |
| ABCA10 | -0.16 | -7.52 | 9.56E-06 | 2.04E-04 |
| HHLA3 | -0.19 | -7.52 | 9.61E-06 | 2.04E-04 |
| SLC5A9 | -0.52 | -7.51 | 9.67E-06 | 2.05E-04 |
| TANC2 | -0.11 | -7.51 | 9.69E-06 | 2.06E-04 |
| EEF1AKMT2 | -0.15 | -7.51 | 9.71E-06 | 2.06E-04 |
| DDI2 | -0.10 | -7.51 | 9.75E-06 | 2.06E-04 |
| BIRC5 | -0.13 | -7.50 | 9.79E-06 | 2.07E-04 |
| DIS3L2 | -0.14 | -7.50 | 9.85E-06 | 2.07E-04 |
| ENOSF1 | -0.20 | -7.50 | 9.84E-06 | 2.07E-04 |
| FGD5 | 0.20 | 7.49 | 9.91E-06 | 2.08E-04 |
| KDM6A | -0.12 | -7.49 | 9.90E-06 | 2.08E-04 |
| ERMARD | -0.11 | -7.49 | 9.90E-06 | 2.08E-04 |
| PLA2R1 | -0.13 | -7.49 | 9.96E-06 | 2.08E-04 |
| ADM | 0.26 | 7.49 | 9.98E-06 | 2.08E-04 |
| IL20RB | -0.14 | -7.49 | 1.00E-05 | 2.09E-04 |
| LRP1B | -0.27 | -7.48 | 1.01E-05 | 2.10E-04 |
| RGS5 | 0.22 | 7.48 | 1.01E-05 | 2.10E-04 |
| TPM1 | 0.57 | 7.48 | 1.01E-05 | 2.10E-04 |
| GOLGA8A | -0.16 | -7.47 | 1.01E-05 | 2.10E-04 |
| LAMC1 | 0.10 | 7.47 | 1.02E-05 | 2.11E-04 |
| NOVA1 | 0.30 | 7.46 | 1.03E-05 | 2.13E-04 |
| SOD1 | 0.11 | 7.46 | 1.04E-05 | 2.14E-04 |
| EPPK1 | 0.20 | 7.45 | 1.04E-05 | 2.15E-04 |
| ARFIP1 | -0.16 | -7.45 | 1.04E-05 | 2.15E-04 |
| MALT1 | -0.15 | -7.45 | 1.05E-05 | 2.15E-04 |
| ISLR | 0.36 | 7.44 | 1.05E-05 | 2.16E-04 |
| ABR | -0.13 | -7.44 | 1.05E-05 | 2.16E-04 |
| EXD2 | -0.13 | -7.44 | 1.06E-05 | 2.16E-04 |
| TRPV3 | 0.37 | 7.44 | 1.06E-05 | 2.17E-04 |
| CDK5RAP1 | -0.11 | -7.42 | 1.09E-05 | 2.22E-04 |
| SLC9A9 | -0.19 | -7.41 | 1.10E-05 | 2.24E-04 |
| ELP4 | -0.09 | -7.40 | 1.11E-05 | 2.25E-04 |
| TUBB3 | 0.61 | 7.40 | 1.11E-05 | 2.26E-04 |
| CSF1 | 0.21 | 7.40 | 1.12E-05 | 2.26E-04 |
| IGLV1-47 | 1.02 | 7.40 | 1.12E-05 | 2.26E-04 |
| ZNF292 | -0.13 | -7.40 | 1.12E-05 | 2.26E-04 |
| EBPL | -0.19 | -7.40 | 1.12E-05 | 2.26E-04 |
| TCF4 | -0.09 | -7.40 | 1.12E-05 | 2.26E-04 |
| TCEAL9 | 0.46 | 7.39 | 1.13E-05 | 2.26E-04 |
| ISCU | 0.16 | 7.38 | 1.14E-05 | 2.28E-04 |
| LRRTM2 | -0.35 | -7.38 | 1.14E-05 | 2.28E-04 |
| SPTBN5 | -0.35 | -7.38 | 1.14E-05 | 2.28E-04 |
| PHYHD1 | -0.71 | -7.38 | 1.14E-05 | 2.28E-04 |
| KANSL1L | -0.13 | -7.38 | 1.15E-05 | 2.29E-04 |
| UBE2V2 | -0.11 | -7.38 | 1.15E-05 | 2.29E-04 |
| MLLT10 | -0.13 | -7.38 | 1.15E-05 | 2.29E-04 |
| EXOC6 | 0.19 | 7.37 | 1.16E-05 | 2.29E-04 |
| RUNX1T1 | 0.28 | 7.37 | 1.16E-05 | 2.30E-04 |
| TOB1 | 0.12 | 7.36 | 1.18E-05 | 2.34E-04 |
| CFAP70 | -0.26 | -7.36 | 1.18E-05 | 2.34E-04 |
| SLC15A1 | 0.26 | 7.35 | 1.19E-05 | 2.34E-04 |
| RCAN2 | 0.44 | 7.35 | 1.19E-05 | 2.34E-04 |
| PPP5D1 | -0.13 | -7.35 | 1.19E-05 | 2.35E-04 |
| CPXM2 | -0.13 | -7.35 | 1.20E-05 | 2.35E-04 |
| TMEM86A | 0.58 | 7.33 | 1.22E-05 | 2.40E-04 |
| THOC1 | -0.17 | -7.33 | 1.22E-05 | 2.40E-04 |
| HSPB2 | 1.09 | 7.33 | 1.23E-05 | 2.40E-04 |
| HSPB2-C11orf52 | 1.09 | 7.33 | 1.23E-05 | 2.40E-04 |
| DCT | -0.22 | -7.32 | 1.23E-05 | 2.41E-04 |
| DGAT2 | 0.28 | 7.32 | 1.24E-05 | 2.42E-04 |
| IGHV3-74 | 0.92 | 7.31 | 1.25E-05 | 2.42E-04 |
| ANXA9 | 0.27 | 7.31 | 1.25E-05 | 2.42E-04 |
| YTHDF1 | 0.11 | 7.31 | 1.25E-05 | 2.42E-04 |
| ATAD3A | 0.16 | 7.31 | 1.25E-05 | 2.42E-04 |
| AC091959.3 | -0.09 | -7.31 | 1.26E-05 | 2.43E-04 |
| NPEPPS | -0.16 | -7.30 | 1.27E-05 | 2.45E-04 |
| MPZL2 | -0.21 | -7.30 | 1.27E-05 | 2.45E-04 |
| SLURP1 | 0.52 | 7.29 | 1.29E-05 | 2.46E-04 |
| MAP7D3 | 0.30 | 7.29 | 1.29E-05 | 2.46E-04 |
| ETFB | 0.13 | 7.29 | 1.29E-05 | 2.46E-04 |
| PTPRF | -0.12 | -7.29 | 1.29E-05 | 2.46E-04 |
| RPP30 | -0.10 | -7.29 | 1.29E-05 | 2.46E-04 |
| VIPR1 | -0.51 | -7.29 | 1.29E-05 | 2.46E-04 |
| MOCOS | 0.36 | 7.29 | 1.29E-05 | 2.46E-04 |
| ZEB2 | 0.14 | 7.28 | 1.31E-05 | 2.49E-04 |
| MYOM1 | 0.61 | 7.27 | 1.32E-05 | 2.50E-04 |
| C1QB | 0.34 | 7.27 | 1.33E-05 | 2.51E-04 |
| ZC2HC1A | -0.25 | -7.27 | 1.33E-05 | 2.51E-04 |
| MUC20 | -0.10 | -7.27 | 1.33E-05 | 2.51E-04 |
| ATP9B | -0.11 | -7.26 | 1.34E-05 | 2.53E-04 |
| FGFR1 | 0.20 | 7.26 | 1.34E-05 | 2.54E-04 |
| UNC13D | -0.17 | -7.26 | 1.35E-05 | 2.54E-04 |
| TPM2 | 0.55 | 7.25 | 1.35E-05 | 2.54E-04 |
| CYBRD1 | 0.15 | 7.25 | 1.36E-05 | 2.55E-04 |
| FIG4 | -0.18 | -7.25 | 1.36E-05 | 2.55E-04 |
| NAV1 | 0.15 | 7.25 | 1.36E-05 | 2.56E-04 |
| MEF2C | 0.32 | 7.24 | 1.38E-05 | 2.57E-04 |
| PTPRK | 0.10 | 7.24 | 1.38E-05 | 2.57E-04 |
| ASPRV1 | 2.37 | 7.24 | 1.38E-05 | 2.57E-04 |
| MPEG1 | 0.18 | 7.24 | 1.38E-05 | 2.58E-04 |
| SPEF2 | -0.38 | -7.24 | 1.38E-05 | 2.58E-04 |
| KATNBL1 | -0.25 | -7.23 | 1.40E-05 | 2.59E-04 |
| EIF3G | 0.13 | 7.22 | 1.40E-05 | 2.60E-04 |
| MLXIP | 0.23 | 7.22 | 1.41E-05 | 2.60E-04 |
| PMP22 | 0.33 | 7.22 | 1.41E-05 | 2.61E-04 |
| NKIRAS2 | -0.10 | -7.22 | 1.41E-05 | 2.61E-04 |
| EMC6 | 0.31 | 7.22 | 1.42E-05 | 2.62E-04 |
| NELL2 | 0.31 | 7.21 | 1.42E-05 | 2.62E-04 |
| DMXL1 | -0.11 | -7.21 | 1.43E-05 | 2.62E-04 |
| LIPN | 0.51 | 7.21 | 1.43E-05 | 2.63E-04 |
| CATSPER2 | -0.39 | -7.21 | 1.44E-05 | 2.64E-04 |
| ATP13A4 | -0.31 | -7.20 | 1.45E-05 | 2.66E-04 |
| ITGA11 | 0.45 | 7.20 | 1.45E-05 | 2.66E-04 |
| ANKRD23 | 0.42 | 7.20 | 1.45E-05 | 2.66E-04 |
| TM4SF19 | -0.09 | -7.19 | 1.46E-05 | 2.67E-04 |
| NDNF | 0.41 | 7.19 | 1.47E-05 | 2.68E-04 |
| NANOGNB | -0.10 | -7.18 | 1.49E-05 | 2.71E-04 |
| EDF1 | 0.17 | 7.18 | 1.49E-05 | 2.71E-04 |
| CNGA1 | -0.10 | -7.18 | 1.49E-05 | 2.71E-04 |
| PPIP5K1 | -0.11 | -7.18 | 1.49E-05 | 2.71E-04 |
| PRKG1 | 0.19 | 7.17 | 1.50E-05 | 2.72E-04 |
| FERMT2 | 0.28 | 7.17 | 1.50E-05 | 2.72E-04 |
| PRDM16 | 0.60 | 7.17 | 1.51E-05 | 2.72E-04 |
| EHF | -0.31 | -7.17 | 1.51E-05 | 2.72E-04 |
| MMP13 | -0.12 | -7.17 | 1.51E-05 | 2.72E-04 |
| PREB | 0.17 | 7.16 | 1.52E-05 | 2.74E-04 |
| NEB | 0.51 | 7.16 | 1.52E-05 | 2.74E-04 |
| SGK1 | -0.09 | -7.16 | 1.53E-05 | 2.74E-04 |
| CAT | 0.13 | 7.16 | 1.54E-05 | 2.74E-04 |
| XIRP2 | 1.07 | 7.16 | 1.54E-05 | 2.74E-04 |
| SPC24 | -0.11 | -7.16 | 1.54E-05 | 2.74E-04 |
| ZNF451 | -0.10 | -7.16 | 1.53E-05 | 2.74E-04 |
| NSFL1C | 0.13 | 7.15 | 1.54E-05 | 2.75E-04 |
| ZSCAN9 | -0.23 | -7.15 | 1.54E-05 | 2.75E-04 |
| GSTM5 | 0.66 | 7.14 | 1.56E-05 | 2.77E-04 |
| RELCH | -0.14 | -7.14 | 1.56E-05 | 2.77E-04 |
| PFN2 | 0.20 | 7.14 | 1.57E-05 | 2.77E-04 |
| KDM3A | -0.09 | -7.14 | 1.57E-05 | 2.78E-04 |
| TUBA1C | 0.10 | 7.13 | 1.59E-05 | 2.80E-04 |
| PTPN13 | -0.15 | -7.13 | 1.59E-05 | 2.81E-04 |
| DHCR7 | 0.21 | 7.12 | 1.61E-05 | 2.83E-04 |
| GIMAP4 | 0.25 | 7.12 | 1.61E-05 | 2.84E-04 |
| CYP4F22 | 0.26 | 7.12 | 1.62E-05 | 2.84E-04 |
| ARMH3 | -0.10 | -7.11 | 1.63E-05 | 2.86E-04 |
| ANKRD18A | 0.33 | 7.11 | 1.64E-05 | 2.86E-04 |
| SYNE1 | 0.13 | 7.11 | 1.64E-05 | 2.86E-04 |
| ALOXE3 | 0.82 | 7.11 | 1.64E-05 | 2.86E-04 |
| ZHX2 | 0.16 | 7.11 | 1.64E-05 | 2.86E-04 |
| GANC | -0.13 | -7.11 | 1.64E-05 | 2.86E-04 |
| TMOD4 | 0.56 | 7.10 | 1.64E-05 | 2.86E-04 |
| MAPT | -0.42 | -7.10 | 1.65E-05 | 2.88E-04 |
| PRELID1 | 0.14 | 7.10 | 1.66E-05 | 2.88E-04 |
| SBF2 | -0.11 | -7.10 | 1.66E-05 | 2.88E-04 |
| FAM107A | 0.76 | 7.09 | 1.67E-05 | 2.88E-04 |
| ZNF777 | 0.18 | 7.09 | 1.67E-05 | 2.88E-04 |
| G0S2 | 1.35 | 7.09 | 1.67E-05 | 2.88E-04 |
| ZNF626 | -0.43 | -7.09 | 1.67E-05 | 2.88E-04 |
| TMPRSS2 | -0.62 | -7.09 | 1.67E-05 | 2.88E-04 |
| MAF1 | 0.17 | 7.09 | 1.68E-05 | 2.90E-04 |
| CLIC4 | 0.14 | 7.08 | 1.69E-05 | 2.90E-04 |
| GRHL2 | -0.13 | -7.08 | 1.69E-05 | 2.90E-04 |
| HSPB11 | -0.09 | -7.08 | 1.69E-05 | 2.90E-04 |
| MAB21L4 | -0.42 | -7.08 | 1.69E-05 | 2.90E-04 |
| ARL4A | -0.15 | -7.07 | 1.71E-05 | 2.93E-04 |
| ATP10B | -0.14 | -7.07 | 1.72E-05 | 2.94E-04 |
| TRIR | 0.14 | 7.06 | 1.74E-05 | 2.96E-04 |
| GPR39 | 0.78 | 7.06 | 1.74E-05 | 2.96E-04 |
| TBX3 | 0.42 | 7.06 | 1.74E-05 | 2.96E-04 |
| TSR3 | 0.14 | 7.06 | 1.75E-05 | 2.97E-04 |
| PTPRB | 0.14 | 7.06 | 1.75E-05 | 2.97E-04 |
| PSMD8 | 0.10 | 7.06 | 1.75E-05 | 2.97E-04 |
| MAP2K2 | 0.09 | 7.05 | 1.76E-05 | 2.97E-04 |
| EYA2 | -0.23 | -7.05 | 1.76E-05 | 2.97E-04 |
| C20orf194 | -0.14 | -7.05 | 1.77E-05 | 2.98E-04 |
| CHD6 | -0.08 | -7.05 | 1.78E-05 | 3.00E-04 |
| NBPF26 | -0.14 | -7.04 | 1.78E-05 | 3.00E-04 |
| RGS12 | -0.12 | -7.04 | 1.78E-05 | 3.00E-04 |
| UBR2 | -0.09 | -7.04 | 1.79E-05 | 3.01E-04 |
| PRG4 | 0.54 | 7.03 | 1.81E-05 | 3.04E-04 |
| ADPGK | -0.14 | -7.03 | 1.82E-05 | 3.04E-04 |
| KRT80 | 0.14 | 7.03 | 1.83E-05 | 3.06E-04 |
| FAM25C | 1.37 | 7.02 | 1.84E-05 | 3.07E-04 |
| FAM25G | 1.37 | 7.02 | 1.84E-05 | 3.07E-04 |
| CPD | -0.13 | -7.02 | 1.84E-05 | 3.07E-04 |
| AKAP10 | -0.15 | -7.02 | 1.85E-05 | 3.08E-04 |
| DAP3 | 0.09 | 7.01 | 1.86E-05 | 3.09E-04 |
| ESPL1 | -0.16 | -7.01 | 1.86E-05 | 3.09E-04 |
| MFSD2A | 0.18 | 7.01 | 1.87E-05 | 3.10E-04 |
| TRIM16L | 0.34 | 7.01 | 1.87E-05 | 3.10E-04 |
| FAM169A | -0.34 | -7.01 | 1.88E-05 | 3.11E-04 |
| FLNA | 0.09 | 7.00 | 1.88E-05 | 3.11E-04 |
| HBA1 | -0.36 | -7.00 | 1.89E-05 | 3.11E-04 |
| HBA2 | -0.36 | -7.00 | 1.89E-05 | 3.11E-04 |
| BUD23 | 0.18 | 7.00 | 1.89E-05 | 3.11E-04 |
| GPSM1 | 0.12 | 6.99 | 1.91E-05 | 3.14E-04 |
| TNNI2 | 0.83 | 6.99 | 1.92E-05 | 3.14E-04 |
| PRSS23 | 0.29 | 6.99 | 1.92E-05 | 3.15E-04 |
| WDR49 | -0.46 | -6.99 | 1.92E-05 | 3.15E-04 |
| SLC35A1 | -0.12 | -6.99 | 1.92E-05 | 3.15E-04 |
| EIF3B | 0.10 | 6.99 | 1.93E-05 | 3.15E-04 |
| DLC1 | 0.25 | 6.98 | 1.94E-05 | 3.16E-04 |
| PPP1R18 | 0.11 | 6.98 | 1.95E-05 | 3.17E-04 |
| SRP9 | -0.14 | -6.98 | 1.95E-05 | 3.17E-04 |
| CERS3 | -0.12 | -6.98 | 1.95E-05 | 3.17E-04 |
| TMEM154 | -0.24 | -6.98 | 1.95E-05 | 3.17E-04 |
| STX16 | -0.11 | -6.98 | 1.95E-05 | 3.17E-04 |
| LARGE2 | -0.23 | -6.97 | 1.96E-05 | 3.17E-04 |
| COX5B | 0.14 | 6.97 | 1.98E-05 | 3.19E-04 |
| PHPT1 | 0.14 | 6.97 | 1.98E-05 | 3.19E-04 |
| PLEKHG5 | -0.20 | -6.96 | 1.98E-05 | 3.20E-04 |
| CETN3 | -0.32 | -6.96 | 1.99E-05 | 3.21E-04 |
| TGFBR2 | 0.17 | 6.96 | 2.00E-05 | 3.22E-04 |
| CHKB | -0.16 | -6.95 | 2.01E-05 | 3.24E-04 |
| ABHD5 | -0.13 | -6.94 | 2.04E-05 | 3.28E-04 |
| STARD13 | 0.17 | 6.94 | 2.05E-05 | 3.29E-04 |
| IDS | 0.10 | 6.94 | 2.06E-05 | 3.29E-04 |
| ABHD8 | -0.26 | -6.94 | 2.06E-05 | 3.29E-04 |
| EMP1 | -0.24 | -6.94 | 2.06E-05 | 3.29E-04 |
| STK39 | -0.30 | -6.94 | 2.06E-05 | 3.29E-04 |
| LMLN2 | -0.14 | -6.93 | 2.07E-05 | 3.30E-04 |
| CAMK2A | 0.52 | 6.93 | 2.08E-05 | 3.30E-04 |
| C1GALT1 | -0.30 | -6.93 | 2.08E-05 | 3.30E-04 |
| ZNF559 | -0.22 | -6.93 | 2.07E-05 | 3.30E-04 |
| ZFC3H1 | -0.10 | -6.92 | 2.10E-05 | 3.33E-04 |
| MAP1B | 0.12 | 6.92 | 2.11E-05 | 3.34E-04 |
| AAMDC | -0.09 | -6.92 | 2.11E-05 | 3.34E-04 |
| CENPC | -0.16 | -6.91 | 2.13E-05 | 3.36E-04 |
| ABCC9 | 0.22 | 6.91 | 2.14E-05 | 3.37E-04 |
| TNNT1 | 0.98 | 6.91 | 2.15E-05 | 3.39E-04 |
| WARS | 0.22 | 6.90 | 2.15E-05 | 3.39E-04 |
| SETD7 | 0.17 | 6.90 | 2.17E-05 | 3.40E-04 |
| ACO2 | 0.10 | 6.90 | 2.17E-05 | 3.40E-04 |
| PRUNE1 | -0.09 | -6.90 | 2.17E-05 | 3.40E-04 |
| HMGCS1 | -0.10 | -6.90 | 2.16E-05 | 3.40E-04 |
| MUC5B | -1.14 | -6.90 | 2.18E-05 | 3.41E-04 |
| STOX2 | -0.12 | -6.89 | 2.20E-05 | 3.43E-04 |
| MAMDC2 | -0.14 | -6.89 | 2.20E-05 | 3.43E-04 |
| ERVW-1 | -0.18 | -6.89 | 2.21E-05 | 3.45E-04 |
| EBF1 | 0.22 | 6.88 | 2.22E-05 | 3.46E-04 |
| HOOK2 | -0.17 | -6.88 | 2.22E-05 | 3.46E-04 |
| XKRX | 0.41 | 6.88 | 2.23E-05 | 3.47E-04 |
| TNPO1 | -0.09 | -6.88 | 2.24E-05 | 3.48E-04 |
| CHIC2 | -0.27 | -6.87 | 2.25E-05 | 3.48E-04 |
| AC241640.4 | -0.20 | -6.87 | 2.26E-05 | 3.50E-04 |
| OSBPL8 | -0.15 | -6.87 | 2.27E-05 | 3.51E-04 |
| ADIPOR1 | 0.10 | 6.86 | 2.28E-05 | 3.51E-04 |
| RBM38 | 0.33 | 6.86 | 2.28E-05 | 3.51E-04 |
| CNRIP1 | 0.47 | 6.86 | 2.28E-05 | 3.51E-04 |
| FTL | 0.18 | 6.86 | 2.29E-05 | 3.53E-04 |
| ZMYM1 | -0.18 | -6.86 | 2.29E-05 | 3.53E-04 |
| LTBP1 | 0.19 | 6.86 | 2.29E-05 | 3.53E-04 |
| WDPCP | -0.18 | -6.85 | 2.31E-05 | 3.55E-04 |
| NPR1 | 0.45 | 6.85 | 2.32E-05 | 3.56E-04 |
| MYOT | 0.84 | 6.85 | 2.32E-05 | 3.56E-04 |
| CIDEC | 0.62 | 6.85 | 2.33E-05 | 3.57E-04 |
| ZNF226 | -0.21 | -6.84 | 2.33E-05 | 3.57E-04 |
| SNCAIP | 0.29 | 6.84 | 2.34E-05 | 3.57E-04 |
| ATM | -0.12 | -6.84 | 2.34E-05 | 3.57E-04 |
| CYSLTR1 | -0.90 | -6.84 | 2.36E-05 | 3.59E-04 |
| VPS72 | 0.15 | 6.84 | 2.36E-05 | 3.59E-04 |
| GSDME | 0.38 | 6.84 | 2.36E-05 | 3.59E-04 |
| CYB5R3 | 0.10 | 6.83 | 2.37E-05 | 3.60E-04 |
| FKBP4 | 0.10 | 6.83 | 2.38E-05 | 3.61E-04 |
| PDAP1 | 0.24 | 6.83 | 2.38E-05 | 3.61E-04 |
| CSF2RA | -0.10 | -6.83 | 2.38E-05 | 3.61E-04 |
| TUBB4B | 0.09 | 6.82 | 2.40E-05 | 3.62E-04 |
| CFAP44 | -0.13 | -6.82 | 2.40E-05 | 3.62E-04 |
| BEND2 | -0.13 | -6.82 | 2.40E-05 | 3.62E-04 |
| NT5C2 | -0.15 | -6.82 | 2.42E-05 | 3.64E-04 |
| FDFT1 | 0.14 | 6.81 | 2.44E-05 | 3.66E-04 |
| CLK1 | -0.12 | -6.81 | 2.44E-05 | 3.66E-04 |
| PRIMPOL | -0.25 | -6.81 | 2.45E-05 | 3.67E-04 |
| NID2 | 0.17 | 6.80 | 2.48E-05 | 3.71E-04 |
| MAML2 | 0.10 | 6.80 | 2.50E-05 | 3.74E-04 |
| SORBS3 | 0.10 | 6.79 | 2.50E-05 | 3.74E-04 |
| DGKH | -0.17 | -6.79 | 2.52E-05 | 3.77E-04 |
| CNOT9 | -0.08 | -6.79 | 2.53E-05 | 3.78E-04 |
| PCDH9 | 0.36 | 6.78 | 2.55E-05 | 3.79E-04 |
| AGBL2 | -0.12 | -6.78 | 2.55E-05 | 3.79E-04 |
| UTP14A | 0.21 | 6.78 | 2.56E-05 | 3.80E-04 |
| YKT6 | 0.20 | 6.77 | 2.57E-05 | 3.81E-04 |
| DDX39B | -0.08 | -6.77 | 2.57E-05 | 3.81E-04 |
| SRC | -0.14 | -6.78 | 2.57E-05 | 3.81E-04 |
| DAAM2 | 0.14 | 6.76 | 2.60E-05 | 3.85E-04 |
| EDRF1 | -0.12 | -6.76 | 2.60E-05 | 3.85E-04 |
| POP7 | 0.30 | 6.76 | 2.62E-05 | 3.87E-04 |
| PPP1R14D | -0.10 | -6.75 | 2.64E-05 | 3.89E-04 |
| APOD | 0.17 | 6.75 | 2.64E-05 | 3.90E-04 |
| RCSD1 | 0.40 | 6.75 | 2.66E-05 | 3.91E-04 |
| UPK3BL1 | -0.21 | -6.75 | 2.67E-05 | 3.92E-04 |
| PLXNB1 | -0.14 | -6.75 | 2.67E-05 | 3.92E-04 |
| GINS3 | -0.11 | -6.74 | 2.68E-05 | 3.93E-04 |
| SLC27A4 | 0.22 | 6.74 | 2.68E-05 | 3.93E-04 |
| TSHZ2 | 0.29 | 6.74 | 2.70E-05 | 3.94E-04 |
| SMPDL3A | -0.19 | -6.74 | 2.70E-05 | 3.94E-04 |
| WNT5A | -0.21 | -6.74 | 2.70E-05 | 3.94E-04 |
| NAIP | -0.11 | -6.74 | 2.69E-05 | 3.94E-04 |
| SERPINB3 | 0.26 | 6.73 | 2.72E-05 | 3.96E-04 |
| GDI1 | 0.12 | 6.73 | 2.72E-05 | 3.96E-04 |
| GLTP | 0.12 | 6.73 | 2.73E-05 | 3.96E-04 |
| SLFN13 | -0.25 | -6.73 | 2.74E-05 | 3.96E-04 |
| CDC7 | -0.13 | -6.73 | 2.74E-05 | 3.96E-04 |
| IMMP2L | -0.22 | -6.73 | 2.74E-05 | 3.96E-04 |
| TFRC | -0.10 | -6.73 | 2.73E-05 | 3.96E-04 |
| STEAP1 | -0.39 | -6.73 | 2.73E-05 | 3.96E-04 |
| FAM117B | -0.28 | -6.73 | 2.72E-05 | 3.96E-04 |
| TIAM2 | -0.20 | -6.72 | 2.76E-05 | 3.99E-04 |
| ELOVL7 | 0.20 | 6.72 | 2.77E-05 | 4.00E-04 |
| RETREG1 | 0.41 | 6.71 | 2.80E-05 | 4.02E-04 |
| ENSA | -0.09 | -6.71 | 2.80E-05 | 4.02E-04 |
| PLVAP | 0.23 | 6.71 | 2.81E-05 | 4.03E-04 |
| SRGAP2 | 0.15 | 6.71 | 2.82E-05 | 4.04E-04 |
| CDV3 | 0.16 | 6.70 | 2.84E-05 | 4.07E-04 |
| POLD2 | 0.12 | 6.70 | 2.85E-05 | 4.07E-04 |
| CAMK2D | 0.13 | 6.70 | 2.85E-05 | 4.07E-04 |
| ACOT11 | -0.15 | -6.70 | 2.85E-05 | 4.07E-04 |
| SLC7A5 | 0.16 | 6.70 | 2.86E-05 | 4.08E-04 |
| NCK1 | -0.14 | -6.70 | 2.86E-05 | 4.08E-04 |
| RRAD | 0.54 | 6.69 | 2.87E-05 | 4.09E-04 |
| ASMT | -0.17 | -6.69 | 2.87E-05 | 4.09E-04 |
| LVRN | 0.97 | 6.69 | 2.88E-05 | 4.10E-04 |
| YARS | 0.13 | 6.69 | 2.89E-05 | 4.10E-04 |
| TNNI1 | 0.92 | 6.68 | 2.91E-05 | 4.12E-04 |
| APAF1 | -0.14 | -6.68 | 2.91E-05 | 4.12E-04 |
| FOXK2 | 0.13 | 6.68 | 2.93E-05 | 4.15E-04 |
| YIPF5 | -0.24 | -6.68 | 2.93E-05 | 4.15E-04 |
| OSTC | -0.10 | -6.67 | 2.96E-05 | 4.17E-04 |
| COL5A3 | 0.14 | 6.66 | 2.99E-05 | 4.22E-04 |
| PUS7 | 0.11 | 6.66 | 3.00E-05 | 4.23E-04 |
| HECTD4 | -0.08 | -6.66 | 3.00E-05 | 4.23E-04 |
| FRYL | -0.08 | -6.66 | 3.01E-05 | 4.23E-04 |
| ANLN | 0.15 | 6.66 | 3.02E-05 | 4.24E-04 |
| SMG7 | 0.09 | 6.65 | 3.06E-05 | 4.29E-04 |
| ZBTB44 | -0.14 | -6.65 | 3.06E-05 | 4.29E-04 |
| AKR1B15 | 0.50 | 6.64 | 3.09E-05 | 4.33E-04 |
| ARAP2 | -0.13 | -6.64 | 3.10E-05 | 4.33E-04 |
| ENPP2 | 0.15 | 6.63 | 3.14E-05 | 4.39E-04 |
| RDH12 | 0.41 | 6.63 | 3.15E-05 | 4.39E-04 |
| RPAIN | -0.20 | -6.63 | 3.15E-05 | 4.39E-04 |
| BCKDHB | -0.21 | -6.62 | 3.17E-05 | 4.42E-04 |
| CX3CL1 | -0.30 | -6.61 | 3.21E-05 | 4.46E-04 |
| LAD1 | 0.13 | 6.61 | 3.22E-05 | 4.47E-04 |
| AASDH | -0.16 | -6.61 | 3.23E-05 | 4.48E-04 |
| LIMK1 | 0.22 | 6.61 | 3.24E-05 | 4.49E-04 |
| OGDH | 0.10 | 6.60 | 3.26E-05 | 4.50E-04 |
| TTN | 0.37 | 6.60 | 3.26E-05 | 4.50E-04 |
| USP34 | -0.08 | -6.60 | 3.26E-05 | 4.50E-04 |
| C9orf85 | -0.10 | -6.60 | 3.25E-05 | 4.50E-04 |
| CDCP1 | -0.14 | -6.60 | 3.27E-05 | 4.50E-04 |
| HSPA12A | 0.46 | 6.60 | 3.27E-05 | 4.51E-04 |
| GIMAP1-GIMAP5 | 0.32 | 6.60 | 3.29E-05 | 4.53E-04 |
| DCTN2 | 0.09 | 6.59 | 3.30E-05 | 4.54E-04 |
| ADGRB3 | 0.33 | 6.59 | 3.30E-05 | 4.54E-04 |
| PPM1G | 0.16 | 6.59 | 3.31E-05 | 4.55E-04 |
| DAG1 | 0.13 | 6.59 | 3.32E-05 | 4.56E-04 |
| HIST2H2BE | 0.13 | 6.58 | 3.35E-05 | 4.59E-04 |
| BPIFC | 0.35 | 6.58 | 3.38E-05 | 4.62E-04 |
| NFE2L2 | -0.10 | -6.57 | 3.40E-05 | 4.65E-04 |
| FGL2 | 0.13 | 6.57 | 3.41E-05 | 4.66E-04 |
| ZNF594 | -0.17 | -6.57 | 3.42E-05 | 4.66E-04 |
| INSL3 | -0.12 | -6.56 | 3.45E-05 | 4.70E-04 |
| ARHGAP31 | 0.13 | 6.56 | 3.47E-05 | 4.72E-04 |
| CHL1 | -0.45 | -6.56 | 3.47E-05 | 4.72E-04 |
| TLN2 | 0.20 | 6.55 | 3.50E-05 | 4.73E-04 |
| ACTN2 | 1.00 | 6.55 | 3.50E-05 | 4.73E-04 |
| BRIP1 | -0.19 | -6.55 | 3.51E-05 | 4.73E-04 |
| KSR1 | -0.16 | -6.55 | 3.51E-05 | 4.73E-04 |
| MON2 | -0.08 | -6.55 | 3.51E-05 | 4.73E-04 |
| SHMT1 | -0.19 | -6.55 | 3.50E-05 | 4.73E-04 |
| SLC4A4 | -0.29 | -6.55 | 3.50E-05 | 4.73E-04 |
| ZNF462 | -0.11 | -6.55 | 3.49E-05 | 4.73E-04 |
| DNAH14 | -0.35 | -6.55 | 3.49E-05 | 4.73E-04 |
| SERPINB2 | -0.28 | -6.55 | 3.53E-05 | 4.75E-04 |
| SNRPD2 | 0.11 | 6.54 | 3.55E-05 | 4.77E-04 |
| JADE2 | 0.20 | 6.54 | 3.55E-05 | 4.77E-04 |
| ZDHHC11 | 0.25 | 6.53 | 3.59E-05 | 4.82E-04 |
| GUF1 | -0.11 | -6.53 | 3.62E-05 | 4.85E-04 |
| CMYA5 | 0.55 | 6.53 | 3.63E-05 | 4.86E-04 |
| TMCC3 | 0.21 | 6.52 | 3.64E-05 | 4.86E-04 |
| STRIP2 | 0.63 | 6.52 | 3.65E-05 | 4.87E-04 |
| CXCL12 | 0.22 | 6.52 | 3.65E-05 | 4.87E-04 |
| CCDC124 | 0.19 | 6.52 | 3.67E-05 | 4.89E-04 |
| BTK | 0.38 | 6.52 | 3.68E-05 | 4.89E-04 |
| HIST1H2AL | 0.31 | 6.52 | 3.68E-05 | 4.89E-04 |
| ARL4D | -0.34 | -6.52 | 3.67E-05 | 4.89E-04 |
| DDAH1 | -0.43 | -6.51 | 3.68E-05 | 4.89E-04 |
| RBM47 | -0.15 | -6.51 | 3.69E-05 | 4.89E-04 |
| PATJ | -0.12 | -6.51 | 3.71E-05 | 4.92E-04 |
| SSBP2 | -0.16 | -6.51 | 3.72E-05 | 4.93E-04 |
| ABCG1 | 0.11 | 6.50 | 3.74E-05 | 4.95E-04 |
| UCK2 | 0.18 | 6.50 | 3.78E-05 | 4.99E-04 |
| LRRC8D | 0.14 | 6.50 | 3.78E-05 | 4.99E-04 |
| CUTC | 0.20 | 6.49 | 3.79E-05 | 5.00E-04 |
| AC091167.6 | -0.46 | -6.49 | 3.80E-05 | 5.01E-04 |
| NUDC | 0.16 | 6.49 | 3.83E-05 | 5.04E-04 |
| TRPM7 | -0.08 | -6.49 | 3.83E-05 | 5.04E-04 |
| PTBP2 | -0.22 | -6.48 | 3.87E-05 | 5.08E-04 |
| MARS | 0.10 | 6.48 | 3.88E-05 | 5.09E-04 |
| TIA1 | -0.10 | -6.47 | 3.90E-05 | 5.11E-04 |
| ASAP2 | 0.11 | 6.47 | 3.90E-05 | 5.11E-04 |
| SLURP2 | 0.34 | 6.47 | 3.93E-05 | 5.13E-04 |
| TMEM97 | 0.46 | 6.47 | 3.93E-05 | 5.13E-04 |
| UNC13B | -0.15 | -6.47 | 3.94E-05 | 5.14E-04 |
| LIMA1 | 0.11 | 6.47 | 3.95E-05 | 5.15E-04 |
| SUGP2 | -0.09 | -6.46 | 3.99E-05 | 5.19E-04 |
| NDUFA12 | 0.18 | 6.46 | 3.99E-05 | 5.20E-04 |
| FBLN2 | 0.19 | 6.46 | 4.00E-05 | 5.21E-04 |
| HEY2 | 0.43 | 6.45 | 4.01E-05 | 5.21E-04 |
| NDUFS6 | 0.22 | 6.45 | 4.02E-05 | 5.21E-04 |
| TG | -0.55 | -6.45 | 4.02E-05 | 5.21E-04 |
| WSB1 | -0.14 | -6.45 | 4.02E-05 | 5.21E-04 |
| IGLON5 | 0.65 | 6.45 | 4.03E-05 | 5.22E-04 |
| C11orf88 | -0.11 | -6.45 | 4.04E-05 | 5.22E-04 |
| LRRC37A3 | -0.18 | -6.44 | 4.07E-05 | 5.26E-04 |
| HMCN2 | 0.51 | 6.44 | 4.09E-05 | 5.27E-04 |
| CP | 0.19 | 6.44 | 4.09E-05 | 5.27E-04 |
| RMND5B | -0.16 | -6.44 | 4.09E-05 | 5.27E-04 |
| FAN1 | -0.13 | -6.44 | 4.08E-05 | 5.27E-04 |
| RRP12 | 0.16 | 6.44 | 4.11E-05 | 5.28E-04 |
| FGFR3 | -0.20 | -6.43 | 4.16E-05 | 5.35E-04 |
| FBXL5 | -0.14 | -6.43 | 4.18E-05 | 5.36E-04 |
| LCORL | -0.15 | -6.43 | 4.18E-05 | 5.36E-04 |
| IQCE | 0.16 | 6.42 | 4.18E-05 | 5.36E-04 |
| ALDH1L2 | 0.40 | 6.42 | 4.20E-05 | 5.37E-04 |
| ZMYM2 | -0.12 | -6.42 | 4.20E-05 | 5.37E-04 |
| ARHGEF7 | -0.10 | -6.42 | 4.22E-05 | 5.38E-04 |
| ACSL1 | 0.10 | 6.42 | 4.22E-05 | 5.39E-04 |
| IFRD1 | 0.13 | 6.42 | 4.23E-05 | 5.39E-04 |
| AMY2B | -0.21 | -6.41 | 4.25E-05 | 5.41E-04 |
| CCDC125 | -0.22 | -6.41 | 4.25E-05 | 5.41E-04 |
| GSN | 0.09 | 6.41 | 4.26E-05 | 5.41E-04 |
| COQ8A | 0.32 | 6.41 | 4.27E-05 | 5.42E-04 |
| CYP27A1 | -0.22 | -6.41 | 4.27E-05 | 5.42E-04 |
| ADPRHL1 | 0.75 | 6.40 | 4.34E-05 | 5.50E-04 |
| SH3BP2 | -0.14 | -6.40 | 4.35E-05 | 5.50E-04 |
| NBPF11 | -0.16 | -6.40 | 4.35E-05 | 5.50E-04 |
| AC270107.9 | -0.11 | -6.39 | 4.41E-05 | 5.57E-04 |
| ITGA6 | 0.08 | 6.39 | 4.42E-05 | 5.58E-04 |
| EGFLAM | 0.27 | 6.38 | 4.43E-05 | 5.58E-04 |
| SCN1B | 0.94 | 6.38 | 4.43E-05 | 5.58E-04 |
| ZFPM2 | 0.37 | 6.38 | 4.43E-05 | 5.58E-04 |
| P3H2 | -0.20 | -6.38 | 4.45E-05 | 5.58E-04 |
| UPP2 | -0.17 | -6.38 | 4.45E-05 | 5.58E-04 |
| RSRP1 | -0.10 | -6.38 | 4.48E-05 | 5.63E-04 |
| RAB23 | 0.26 | 6.37 | 4.52E-05 | 5.66E-04 |
| PAN3 | -0.12 | -6.37 | 4.53E-05 | 5.67E-04 |
| COL6A2 | 0.10 | 6.37 | 4.54E-05 | 5.68E-04 |
| TBC1D8 | -0.08 | -6.37 | 4.54E-05 | 5.68E-04 |
| TUBGCP5 | -0.16 | -6.37 | 4.55E-05 | 5.68E-04 |
| HIBCH | -0.16 | -6.36 | 4.59E-05 | 5.73E-04 |
| CHST2 | 0.78 | 6.36 | 4.60E-05 | 5.73E-04 |
| IL13RA1 | -0.18 | -6.36 | 4.60E-05 | 5.73E-04 |
| FYCO1 | 0.13 | 6.36 | 4.61E-05 | 5.74E-04 |
| NCF2 | 0.38 | 6.35 | 4.66E-05 | 5.79E-04 |
| RNF187 | 0.20 | 6.35 | 4.66E-05 | 5.79E-04 |
| MYCBP2 | -0.08 | -6.34 | 4.73E-05 | 5.87E-04 |
| SIRPA | 0.14 | 6.34 | 4.74E-05 | 5.88E-04 |
| TRIT1 | -0.14 | -6.34 | 4.75E-05 | 5.88E-04 |
| BTBD11 | -0.14 | -6.33 | 4.76E-05 | 5.89E-04 |
| LRRC49 | 0.21 | 6.33 | 4.77E-05 | 5.90E-04 |
| VAMP2 | 0.29 | 6.33 | 4.78E-05 | 5.90E-04 |
| SUMO3 | -0.08 | -6.33 | 4.78E-05 | 5.90E-04 |
| ZNF224 | -0.17 | -6.33 | 4.78E-05 | 5.90E-04 |
| MGLL | -0.22 | -6.32 | 4.83E-05 | 5.95E-04 |
| RALGAPA1 | -0.13 | -6.32 | 4.84E-05 | 5.96E-04 |
| BCO2 | 0.18 | 6.32 | 4.86E-05 | 5.97E-04 |
| PODXL | -0.08 | -6.32 | 4.87E-05 | 5.99E-04 |
| LEPROT | -0.17 | -6.31 | 4.90E-05 | 6.01E-04 |
| PLEKHA4 | 0.16 | 6.31 | 4.92E-05 | 6.02E-04 |
| DMD | 0.32 | 6.31 | 4.92E-05 | 6.02E-04 |
| KCNRG | -0.21 | -6.31 | 4.91E-05 | 6.02E-04 |
| PFKFB2 | 0.24 | 6.30 | 4.97E-05 | 6.07E-04 |
| MET | 0.14 | 6.30 | 4.99E-05 | 6.10E-04 |
| KLB | 0.49 | 6.30 | 5.00E-05 | 6.10E-04 |
| PLCL1 | 0.35 | 6.30 | 5.02E-05 | 6.12E-04 |
| EIF4EBP1 | 0.29 | 6.29 | 5.04E-05 | 6.14E-04 |
| CLEC2B | 0.17 | 6.29 | 5.06E-05 | 6.16E-04 |
| FAM76A | -0.10 | -6.29 | 5.07E-05 | 6.16E-04 |
| HLA-DRA | 0.11 | 6.29 | 5.08E-05 | 6.16E-04 |
| LNX1 | -0.25 | -6.29 | 5.10E-05 | 6.19E-04 |
| CALML5 | 0.46 | 6.28 | 5.12E-05 | 6.19E-04 |
| PSMD2 | 0.10 | 6.28 | 5.12E-05 | 6.19E-04 |
| MYOM2 | 1.02 | 6.28 | 5.12E-05 | 6.19E-04 |
| SERINC4 | -0.17 | -6.28 | 5.12E-05 | 6.19E-04 |
| FBXO45 | 0.22 | 6.28 | 5.14E-05 | 6.20E-04 |
| TRDN | 1.68 | 6.28 | 5.14E-05 | 6.21E-04 |
| MYOM3 | 0.83 | 6.28 | 5.16E-05 | 6.22E-04 |
| CYC1 | 0.15 | 6.28 | 5.17E-05 | 6.23E-04 |
| DEPP1 | 0.39 | 6.28 | 5.18E-05 | 6.23E-04 |
| POLI | -0.22 | -6.28 | 5.18E-05 | 6.23E-04 |
| GOT2 | 0.11 | 6.27 | 5.22E-05 | 6.26E-04 |
| GP6 | -0.10 | -6.27 | 5.22E-05 | 6.26E-04 |
| MAP3K14 | -0.14 | -6.27 | 5.21E-05 | 6.26E-04 |
| TPRX1 | -0.18 | -6.27 | 5.24E-05 | 6.27E-04 |
| AFF1 | -0.09 | -6.27 | 5.24E-05 | 6.27E-04 |
| BEX3 | 0.23 | 6.26 | 5.26E-05 | 6.29E-04 |
| TIMP3 | 0.27 | 6.26 | 5.27E-05 | 6.29E-04 |
| PDXDC1 | -0.14 | -6.26 | 5.27E-05 | 6.29E-04 |
| WDR91 | 0.12 | 6.26 | 5.28E-05 | 6.30E-04 |
| CCSER1 | -0.23 | -6.26 | 5.31E-05 | 6.32E-04 |
| ARHGAP29 | 0.12 | 6.25 | 5.33E-05 | 6.35E-04 |
| GALNT12 | -0.22 | -6.25 | 5.34E-05 | 6.35E-04 |
| MAST2 | 0.10 | 6.25 | 5.35E-05 | 6.36E-04 |
| FBXW11 | -0.10 | -6.25 | 5.35E-05 | 6.36E-04 |
| IGF2BP2 | 0.21 | 6.25 | 5.37E-05 | 6.36E-04 |
| CDK5RAP3 | -0.10 | -6.25 | 5.37E-05 | 6.36E-04 |
| LRRK2 | -0.23 | -6.25 | 5.36E-05 | 6.36E-04 |
| SYT11 | 0.40 | 6.25 | 5.40E-05 | 6.39E-04 |
| ZNF254 | -0.30 | -6.24 | 5.41E-05 | 6.40E-04 |
| HYDIN | -0.42 | -6.24 | 5.41E-05 | 6.40E-04 |
| ZNF664 | 0.15 | 6.24 | 5.42E-05 | 6.40E-04 |
| TRPA1 | 0.33 | 6.24 | 5.45E-05 | 6.42E-04 |
| STX2 | 0.33 | 6.23 | 5.51E-05 | 6.49E-04 |
| XPR1 | 0.16 | 6.23 | 5.52E-05 | 6.49E-04 |
| EHD1 | 0.14 | 6.23 | 5.54E-05 | 6.51E-04 |
| STX1A | 0.61 | 6.23 | 5.54E-05 | 6.51E-04 |
| RGL4 | -0.11 | -6.23 | 5.54E-05 | 6.51E-04 |
| ERBB2 | -0.09 | -6.22 | 5.58E-05 | 6.54E-04 |
| NSDHL | 0.14 | 6.22 | 5.61E-05 | 6.57E-04 |
| RHOBTB2 | 0.16 | 6.22 | 5.62E-05 | 6.57E-04 |
| CEP72 | -0.20 | -6.22 | 5.61E-05 | 6.57E-04 |
| EIF4H | 0.12 | 6.21 | 5.65E-05 | 6.60E-04 |
| DNAJB4 | 0.17 | 6.21 | 5.66E-05 | 6.61E-04 |
| RANGAP1 | 0.10 | 6.21 | 5.67E-05 | 6.61E-04 |
| SMTNL1 | 0.76 | 6.21 | 5.68E-05 | 6.62E-04 |
| PPARG | 0.24 | 6.21 | 5.70E-05 | 6.63E-04 |
| CSGALNACT1 | 0.15 | 6.21 | 5.71E-05 | 6.64E-04 |
| EIF4E2 | 0.13 | 6.20 | 5.75E-05 | 6.69E-04 |
| TMEM45A | 0.22 | 6.20 | 5.76E-05 | 6.69E-04 |
| PPIP5K2 | -0.13 | -6.20 | 5.76E-05 | 6.69E-04 |
| TVP23B | -0.17 | -6.20 | 5.77E-05 | 6.69E-04 |
| CD59 | -0.13 | -6.20 | 5.78E-05 | 6.69E-04 |
| MDM2 | -0.09 | -6.20 | 5.79E-05 | 6.70E-04 |
| XYLB | -0.09 | -6.20 | 5.79E-05 | 6.70E-04 |
| KYNU | 0.38 | 6.20 | 5.80E-05 | 6.70E-04 |
| SCN9A | 0.31 | 6.19 | 5.85E-05 | 6.75E-04 |
| LRRC37A2 | -0.13 | -6.19 | 5.88E-05 | 6.78E-04 |
| RUVBL1 | 0.14 | 6.18 | 5.91E-05 | 6.80E-04 |
| SLC49A4 | -0.21 | -6.18 | 5.91E-05 | 6.80E-04 |
| PLA2G2A | 0.82 | 6.18 | 5.92E-05 | 6.81E-04 |
| FAS | -0.14 | -6.18 | 5.95E-05 | 6.84E-04 |
| KIAA1211L | -0.13 | -6.18 | 5.96E-05 | 6.84E-04 |
| CD47 | -0.17 | -6.18 | 5.97E-05 | 6.85E-04 |
| AACS | -0.09 | -6.17 | 6.00E-05 | 6.87E-04 |
| LGALS3 | -0.09 | -6.17 | 6.01E-05 | 6.88E-04 |
| PDK2 | 0.22 | 6.17 | 6.02E-05 | 6.88E-04 |
| ATP5MC2 | 0.09 | 6.17 | 6.02E-05 | 6.89E-04 |
| ARAP1 | -0.09 | -6.17 | 6.05E-05 | 6.92E-04 |
| SERPINF1 | 0.14 | 6.16 | 6.09E-05 | 6.94E-04 |
| RAMP2 | 0.28 | 6.16 | 6.09E-05 | 6.94E-04 |
| CBLB | -0.13 | -6.16 | 6.09E-05 | 6.94E-04 |
| PLA2G4C | 0.35 | 6.16 | 6.12E-05 | 6.96E-04 |
| DYNLRB1 | 0.15 | 6.16 | 6.13E-05 | 6.96E-04 |
| CREB5 | 0.62 | 6.16 | 6.13E-05 | 6.96E-04 |
| BAZ2B | -0.11 | -6.16 | 6.13E-05 | 6.96E-04 |
| CTSG | 0.77 | 6.16 | 6.14E-05 | 6.96E-04 |
| YBX1 | 0.15 | 6.15 | 6.16E-05 | 6.98E-04 |
| CYTH3 | 0.15 | 6.15 | 6.17E-05 | 6.99E-04 |
| PDPR | -0.11 | -6.15 | 6.18E-05 | 6.99E-04 |
| FIBIN | 0.41 | 6.15 | 6.19E-05 | 7.00E-04 |
| SYNPO2 | 0.22 | 6.14 | 6.28E-05 | 7.09E-04 |
| CRBN | -0.13 | -6.14 | 6.28E-05 | 7.09E-04 |
| MRPS24 | 0.19 | 6.14 | 6.30E-05 | 7.10E-04 |
| FILIP1L | 0.29 | 6.14 | 6.31E-05 | 7.11E-04 |
| GAPDH | 0.10 | 6.14 | 6.33E-05 | 7.13E-04 |
| MRPL9 | 0.16 | 6.13 | 6.35E-05 | 7.14E-04 |
| LDB3 | 0.63 | 6.13 | 6.36E-05 | 7.14E-04 |
| RSU1 | 0.10 | 6.13 | 6.37E-05 | 7.14E-04 |
| SEMA3C | 0.34 | 6.13 | 6.37E-05 | 7.14E-04 |
| AFAP1L1 | 0.42 | 6.13 | 6.37E-05 | 7.14E-04 |
| PHLDB2 | 0.13 | 6.13 | 6.40E-05 | 7.17E-04 |
| S100A12 | 0.30 | 6.12 | 6.45E-05 | 7.22E-04 |
| PCNX4 | -0.10 | -6.12 | 6.47E-05 | 7.24E-04 |
| PTTG1 | 0.15 | 6.12 | 6.50E-05 | 7.26E-04 |
| TCAF2 | -0.22 | -6.12 | 6.51E-05 | 7.26E-04 |
| SPINT1 | -0.11 | -6.11 | 6.53E-05 | 7.28E-04 |
| LAMP1 | 0.08 | 6.11 | 6.56E-05 | 7.31E-04 |
| DUSP27 | 2.17 | 6.11 | 6.60E-05 | 7.35E-04 |
| TRMT112 | 0.13 | 6.10 | 6.68E-05 | 7.43E-04 |
| DOCK5 | 0.11 | 6.10 | 6.71E-05 | 7.46E-04 |
| NGFR | 0.40 | 6.09 | 6.73E-05 | 7.47E-04 |
| EIF2AK3 | -0.10 | -6.09 | 6.75E-05 | 7.49E-04 |
| HMGA2 | -0.07 | -6.09 | 6.75E-05 | 7.49E-04 |
| ABCD4 | -0.10 | -6.09 | 6.78E-05 | 7.51E-04 |
| C3 | 0.18 | 6.09 | 6.82E-05 | 7.55E-04 |
| FANCM | -0.13 | -6.08 | 6.83E-05 | 7.56E-04 |
| SECISBP2 | -0.11 | -6.08 | 6.88E-05 | 7.60E-04 |
| FNDC3B | 0.10 | 6.08 | 6.88E-05 | 7.60E-04 |
| EIF5A | 0.12 | 6.08 | 6.92E-05 | 7.62E-04 |
| FAM13B | -0.15 | -6.08 | 6.91E-05 | 7.62E-04 |
| TNS1 | 0.07 | 6.07 | 6.95E-05 | 7.65E-04 |
| KXD1 | 0.22 | 6.07 | 6.95E-05 | 7.65E-04 |
| KLK14 | 0.46 | 6.07 | 6.98E-05 | 7.66E-04 |
| ZNF611 | -0.16 | -6.07 | 6.98E-05 | 7.66E-04 |
| QRICH2 | -0.29 | -6.07 | 6.97E-05 | 7.66E-04 |
| COL17A1 | -0.07 | -6.07 | 7.02E-05 | 7.69E-04 |
| ZSCAN31 | 0.16 | 6.07 | 7.02E-05 | 7.70E-04 |
| PRMT5 | 0.11 | 6.06 | 7.03E-05 | 7.70E-04 |
| STAR | 0.49 | 6.06 | 7.04E-05 | 7.71E-04 |
| ECHDC2 | -0.13 | -6.06 | 7.06E-05 | 7.71E-04 |
| SLC6A4 | -0.67 | -6.06 | 7.07E-05 | 7.72E-04 |
| CACYBP | 0.13 | 6.06 | 7.09E-05 | 7.74E-04 |
| HMCN1 | 0.14 | 6.05 | 7.14E-05 | 7.78E-04 |
| SYPL1 | -0.12 | -6.05 | 7.16E-05 | 7.80E-04 |
| AC004086.1 | 0.07 | 6.05 | 7.17E-05 | 7.81E-04 |
| SEMA7A | 0.29 | 6.05 | 7.18E-05 | 7.81E-04 |
| EXPH5 | -0.15 | -6.05 | 7.21E-05 | 7.84E-04 |
| ANKRD20A4 | -0.63 | -6.04 | 7.30E-05 | 7.93E-04 |
| RPL8 | 0.08 | 6.04 | 7.32E-05 | 7.94E-04 |
| PKIG | 0.39 | 6.04 | 7.32E-05 | 7.94E-04 |
| RCN3 | 0.25 | 6.03 | 7.36E-05 | 7.97E-04 |
| IMMT | 0.10 | 6.03 | 7.37E-05 | 7.97E-04 |
| GLDN | 0.49 | 6.03 | 7.38E-05 | 7.97E-04 |
| HSPH1 | 0.13 | 6.03 | 7.38E-05 | 7.97E-04 |
| KRT17 | 0.68 | 6.03 | 7.40E-05 | 7.97E-04 |
| ZNF445 | -0.12 | -6.03 | 7.40E-05 | 7.97E-04 |
| USPL1 | -0.11 | -6.03 | 7.39E-05 | 7.97E-04 |
| NUP93 | -0.09 | -6.03 | 7.39E-05 | 7.97E-04 |
| THRB | 0.21 | 6.03 | 7.43E-05 | 7.98E-04 |
| SRI | 0.11 | 6.03 | 7.44E-05 | 7.98E-04 |
| POLR2J3 | -0.13 | -6.03 | 7.44E-05 | 7.98E-04 |
| SPECC1L-ADORA2A | -0.07 | -6.03 | 7.43E-05 | 7.98E-04 |
| ZNF846 | -0.22 | -6.03 | 7.42E-05 | 7.98E-04 |
| AMPD1 | 0.92 | 6.02 | 7.46E-05 | 8.00E-04 |
| RAB35 | 0.12 | 6.02 | 7.47E-05 | 8.00E-04 |
| METTL15 | -0.14 | -6.02 | 7.48E-05 | 8.00E-04 |
| SCD | 0.15 | 6.02 | 7.49E-05 | 8.01E-04 |
| MYCT1 | 0.29 | 6.02 | 7.50E-05 | 8.01E-04 |
| ACHE | 0.59 | 6.02 | 7.52E-05 | 8.03E-04 |
| ZNF107 | -0.20 | -6.02 | 7.54E-05 | 8.04E-04 |
| STXBP5 | -0.09 | -6.02 | 7.56E-05 | 8.05E-04 |
| PNO1 | 0.25 | 6.01 | 7.60E-05 | 8.09E-04 |
| ZNF587B | -0.13 | -6.01 | 7.66E-05 | 8.15E-04 |
| KIF3B | 0.11 | 6.01 | 7.67E-05 | 8.15E-04 |
| CLTA | -0.07 | -6.00 | 7.70E-05 | 8.18E-04 |
| RBM19 | 0.11 | 6.00 | 7.78E-05 | 8.26E-04 |
| PLP1 | 0.25 | 5.99 | 7.79E-05 | 8.26E-04 |
| ARL6IP4 | 0.15 | 5.99 | 7.79E-05 | 8.26E-04 |
| ELP2 | -0.13 | -5.99 | 7.80E-05 | 8.26E-04 |
| FLT1 | 0.14 | 5.99 | 7.83E-05 | 8.29E-04 |
| CA3 | 0.58 | 5.99 | 7.84E-05 | 8.29E-04 |
| WNT2B | -0.41 | -5.99 | 7.85E-05 | 8.29E-04 |
| PHLDB1 | 0.13 | 5.99 | 7.86E-05 | 8.30E-04 |
| VWA5A | -0.14 | -5.99 | 7.87E-05 | 8.30E-04 |
| FAT4 | 0.11 | 5.98 | 7.92E-05 | 8.35E-04 |
| VDAC3 | 0.11 | 5.97 | 8.02E-05 | 8.45E-04 |
| sep-10 | -0.11 | -5.97 | 8.03E-05 | 8.45E-04 |
| TSPO | -0.16 | -5.97 | 8.06E-05 | 8.47E-04 |
| NMD3 | -0.08 | -5.97 | 8.06E-05 | 8.47E-04 |
| PSMD9 | 0.17 | 5.97 | 8.10E-05 | 8.48E-04 |
| ACSL4 | 0.12 | 5.97 | 8.11E-05 | 8.48E-04 |
| CD24 | -0.29 | -5.97 | 8.10E-05 | 8.48E-04 |
| TMEM14B | -0.09 | -5.97 | 8.10E-05 | 8.48E-04 |
| PCCA | -0.09 | -5.97 | 8.10E-05 | 8.48E-04 |
| KIAA0825 | -0.18 | -5.97 | 8.13E-05 | 8.50E-04 |
| CCDC198 | -0.10 | -5.97 | 8.13E-05 | 8.50E-04 |
| SGTA | 0.16 | 5.96 | 8.16E-05 | 8.51E-04 |
| PSMB7 | 0.07 | 5.96 | 8.16E-05 | 8.51E-04 |
| ZNF573 | -0.26 | -5.96 | 8.18E-05 | 8.52E-04 |
| MACC1 | -0.33 | -5.96 | 8.22E-05 | 8.57E-04 |
| SERINC5 | -0.10 | -5.96 | 8.23E-05 | 8.57E-04 |
| CDH6 | 0.36 | 5.96 | 8.24E-05 | 8.57E-04 |
| ZBTB16 | 0.43 | 5.96 | 8.26E-05 | 8.58E-04 |
| EPHA2 | -0.14 | -5.95 | 8.29E-05 | 8.60E-04 |
| EMILIN2 | 0.37 | 5.95 | 8.31E-05 | 8.62E-04 |
| CS | 0.08 | 5.95 | 8.32E-05 | 8.63E-04 |
| GSR | 0.16 | 5.95 | 8.33E-05 | 8.63E-04 |
| EID3 | 0.50 | 5.95 | 8.38E-05 | 8.67E-04 |
| HSPB6 | 0.89 | 5.94 | 8.40E-05 | 8.69E-04 |
| HIST1H4F | -0.12 | -5.94 | 8.42E-05 | 8.70E-04 |
| RNF145 | -0.11 | -5.94 | 8.42E-05 | 8.70E-04 |
| POLR2L | 0.22 | 5.94 | 8.43E-05 | 8.70E-04 |
| ATIC | 0.13 | 5.94 | 8.44E-05 | 8.70E-04 |
| CPT1A | 0.13 | 5.94 | 8.46E-05 | 8.71E-04 |
| NDUFA1 | 0.20 | 5.94 | 8.47E-05 | 8.71E-04 |
| SPRED1 | -0.13 | -5.94 | 8.48E-05 | 8.72E-04 |
| FGFR1OP | -0.14 | -5.94 | 8.48E-05 | 8.72E-04 |
| TPRKB | -0.09 | -5.93 | 8.53E-05 | 8.76E-04 |
| CEMIP2 | -0.16 | -5.93 | 8.54E-05 | 8.77E-04 |
| MYB | 0.34 | 5.93 | 8.59E-05 | 8.80E-04 |
| HIPK2 | 0.11 | 5.93 | 8.59E-05 | 8.80E-04 |
| GORASP2 | 0.11 | 5.93 | 8.62E-05 | 8.82E-04 |
| TXLNB | 0.89 | 5.93 | 8.63E-05 | 8.83E-04 |
| OSER1 | 0.12 | 5.92 | 8.66E-05 | 8.85E-04 |
| EEF2 | 0.07 | 5.92 | 8.69E-05 | 8.87E-04 |
| UBE2Q2 | -0.19 | -5.92 | 8.68E-05 | 8.87E-04 |
| CCDC146 | -0.15 | -5.92 | 8.73E-05 | 8.91E-04 |
| CFL2 | 0.41 | 5.92 | 8.74E-05 | 8.91E-04 |
| ZNF773 | -0.50 | -5.91 | 8.77E-05 | 8.93E-04 |
| TPRG1L | 0.14 | 5.91 | 8.78E-05 | 8.94E-04 |
| SLC30A6 | -0.08 | -5.91 | 8.79E-05 | 8.94E-04 |
| LNPEP | -0.09 | -5.91 | 8.81E-05 | 8.95E-04 |
| RDH11 | 0.17 | 5.91 | 8.83E-05 | 8.96E-04 |
| DDHD1 | 0.17 | 5.91 | 8.85E-05 | 8.98E-04 |
| TPM3 | 0.20 | 5.91 | 8.86E-05 | 8.98E-04 |
| FBXO42 | -0.14 | -5.91 | 8.87E-05 | 8.98E-04 |
| PHLDA2 | 0.57 | 5.90 | 8.94E-05 | 9.05E-04 |
| PTGES2 | 0.13 | 5.90 | 8.98E-05 | 9.08E-04 |
| RASA3 | 0.13 | 5.90 | 9.01E-05 | 9.10E-04 |
| CYCS | 0.25 | 5.89 | 9.09E-05 | 9.18E-04 |
| C1QTNF5 | 0.57 | 5.89 | 9.09E-05 | 9.18E-04 |
| TENT5A | -0.35 | -5.89 | 9.12E-05 | 9.19E-04 |
| KLHL13 | 0.28 | 5.89 | 9.16E-05 | 9.23E-04 |
| ROGDI | -0.23 | -5.88 | 9.20E-05 | 9.26E-04 |
| CTNND1 | -0.09 | -5.88 | 9.24E-05 | 9.28E-04 |
| FAM135A | -0.19 | -5.88 | 9.23E-05 | 9.28E-04 |
| SYNPO2L | 0.57 | 5.88 | 9.26E-05 | 9.30E-04 |
| STBD1 | 0.50 | 5.88 | 9.28E-05 | 9.31E-04 |
| CYP26B1 | 0.28 | 5.88 | 9.28E-05 | 9.31E-04 |
| CHP2 | 0.53 | 5.87 | 9.31E-05 | 9.33E-04 |
| VPS26A | -0.13 | -5.87 | 9.33E-05 | 9.34E-04 |
| NRXN1 | 0.33 | 5.87 | 9.35E-05 | 9.35E-04 |
| CRY1 | 0.15 | 5.87 | 9.38E-05 | 9.38E-04 |
| ZNF334 | -0.88 | -5.87 | 9.42E-05 | 9.40E-04 |
| CBFA2T2 | -0.11 | -5.87 | 9.42E-05 | 9.40E-04 |
| MMP24 | -0.22 | -5.87 | 9.43E-05 | 9.41E-04 |
| TACC2 | -0.10 | -5.87 | 9.44E-05 | 9.41E-04 |
| DUSP14 | 0.20 | 5.86 | 9.46E-05 | 9.42E-04 |
| CFHR3 | 0.96 | 5.86 | 9.49E-05 | 9.43E-04 |
| RPL32 | 0.07 | 5.86 | 9.50E-05 | 9.43E-04 |
| AP1S3 | -0.09 | -5.86 | 9.49E-05 | 9.43E-04 |
| ZNF154 | -0.31 | -5.86 | 9.48E-05 | 9.43E-04 |
| ARSD | -0.15 | -5.86 | 9.56E-05 | 9.46E-04 |
| MST1 | -0.23 | -5.86 | 9.55E-05 | 9.46E-04 |
| WLS | -0.09 | -5.86 | 9.54E-05 | 9.46E-04 |
| MFSD1 | -0.13 | -5.86 | 9.54E-05 | 9.46E-04 |
| UBAC1 | 0.11 | 5.85 | 9.61E-05 | 9.50E-04 |
| TIGAR | 0.40 | 5.85 | 9.63E-05 | 9.52E-04 |
| IGSF22 | 0.61 | 5.85 | 9.68E-05 | 9.56E-04 |
| PDE1A | 0.51 | 5.84 | 9.73E-05 | 9.61E-04 |
| SPEG | 0.42 | 5.84 | 9.80E-05 | 9.67E-04 |
| ZSWIM8 | -0.09 | -5.84 | 9.82E-05 | 9.68E-04 |
| KIAA0513 | 0.25 | 5.84 | 9.84E-05 | 9.69E-04 |
| CRIP2 | 0.20 | 5.84 | 9.84E-05 | 9.69E-04 |
| SGCE | -0.12 | -5.84 | 9.86E-05 | 9.70E-04 |
| VPS33A | -0.08 | -5.83 | 9.88E-05 | 9.71E-04 |
| LRIG2 | -0.09 | -5.83 | 9.95E-05 | 9.76E-04 |
| VRK3 | -0.11 | -5.83 | 9.94E-05 | 9.76E-04 |
| MRPL41 | 0.32 | 5.83 | 9.95E-05 | 9.76E-04 |
| PLD1 | -0.22 | -5.83 | 9.96E-05 | 9.76E-04 |
| FMO4 | -0.27 | -5.83 | 1.00E-04 | 9.79E-04 |
| TTLL3 | -0.12 | -5.83 | 1.00E-04 | 9.81E-04 |
| ZNF521 | 0.12 | 5.82 | 1.02E-04 | 9.93E-04 |
| DDX54 | 0.14 | 5.82 | 1.02E-04 | 9.93E-04 |
| STIP1 | 0.13 | 5.81 | 1.02E-04 | 9.95E-04 |
| CADM3 | 0.43 | 5.81 | 1.02E-04 | 9.95E-04 |
| TCOF1 | 0.10 | 5.81 | 1.02E-04 | 9.95E-04 |
| WHAMM | -0.11 | -5.81 | 1.02E-04 | 9.95E-04 |
| IGKV2-28 | 0.76 | 5.80 | 1.04E-04 | 1.01E-03 |
| IGKV2D-28 | 0.76 | 5.80 | 1.04E-04 | 1.01E-03 |
| MMRN2 | 0.18 | 5.80 | 1.04E-04 | 1.01E-03 |
| TGM6 | -1.12 | -5.80 | 1.04E-04 | 1.01E-03 |
| PLEKHH3 | -0.16 | -5.79 | 1.05E-04 | 1.02E-03 |
| RTN2 | 0.45 | 5.79 | 1.05E-04 | 1.02E-03 |
| AP1G2 | -0.10 | -5.79 | 1.06E-04 | 1.03E-03 |
| CASQ2 | 0.87 | 5.78 | 1.07E-04 | 1.03E-03 |
| PALM2 | 1.38 | 5.78 | 1.07E-04 | 1.03E-03 |
| AC068775.1 | -0.11 | -5.78 | 1.07E-04 | 1.04E-03 |
| LRRC32 | 0.53 | 5.78 | 1.07E-04 | 1.04E-03 |
| AC240274.1 | -0.17 | -5.78 | 1.08E-04 | 1.04E-03 |
| INO80C | -0.11 | -5.78 | 1.08E-04 | 1.04E-03 |
| TGFB3 | 0.20 | 5.77 | 1.08E-04 | 1.04E-03 |
| NEK4 | -0.08 | -5.77 | 1.08E-04 | 1.04E-03 |
| SLC7A2 | -0.19 | -5.77 | 1.08E-04 | 1.04E-03 |
| CHD7 | 0.08 | 5.77 | 1.09E-04 | 1.05E-03 |
| WDR27 | -0.11 | -5.77 | 1.09E-04 | 1.05E-03 |
| KNSTRN | 0.24 | 5.77 | 1.09E-04 | 1.05E-03 |
| MXD3 | -0.40 | -5.77 | 1.09E-04 | 1.05E-03 |
| ZNF197 | -0.15 | -5.77 | 1.09E-04 | 1.05E-03 |
| FAM193B | -0.17 | -5.77 | 1.09E-04 | 1.05E-03 |
| CNOT1 | -0.08 | -5.77 | 1.09E-04 | 1.05E-03 |
| IMP4 | 0.15 | 5.77 | 1.09E-04 | 1.05E-03 |
| ESYT2 | 0.06 | 5.76 | 1.11E-04 | 1.06E-03 |
| AADAC | 0.23 | 5.76 | 1.11E-04 | 1.06E-03 |
| AC241640.1 | -0.37 | -5.76 | 1.11E-04 | 1.06E-03 |
| DNAJA3 | 0.12 | 5.76 | 1.11E-04 | 1.06E-03 |
| CCHCR1 | -0.13 | -5.76 | 1.11E-04 | 1.06E-03 |
| HSPB7 | 1.12 | 5.75 | 1.11E-04 | 1.06E-03 |
| PCBP1 | 0.08 | 5.75 | 1.12E-04 | 1.07E-03 |
| LGALSL | -0.13 | -5.75 | 1.12E-04 | 1.07E-03 |
| PRSS22 | -0.66 | -5.75 | 1.12E-04 | 1.07E-03 |
| sep-11 | 0.14 | 5.75 | 1.13E-04 | 1.07E-03 |
| DPY19L3 | -0.16 | -5.74 | 1.13E-04 | 1.07E-03 |
| EVPL | -0.12 | -5.74 | 1.13E-04 | 1.07E-03 |
| AC124319.1 | -0.07 | -5.74 | 1.13E-04 | 1.08E-03 |
| MBNL2 | 0.10 | 5.74 | 1.14E-04 | 1.08E-03 |
| INSYN2A | -0.53 | -5.74 | 1.14E-04 | 1.08E-03 |
| TMEM165 | -0.09 | -5.74 | 1.14E-04 | 1.08E-03 |
| COPRS | 0.52 | 5.74 | 1.14E-04 | 1.08E-03 |
| MYBPC1 | 0.86 | 5.73 | 1.15E-04 | 1.09E-03 |
| CEMIP | 0.10 | 5.73 | 1.15E-04 | 1.09E-03 |
| RREB1 | -0.08 | -5.73 | 1.16E-04 | 1.09E-03 |
| AC008554.1 | -0.33 | -5.73 | 1.16E-04 | 1.09E-03 |
| PTEN | -0.10 | -5.73 | 1.16E-04 | 1.09E-03 |
| DENND5B | -0.07 | -5.73 | 1.16E-04 | 1.09E-03 |
| MAP3K6 | -0.10 | -5.73 | 1.16E-04 | 1.09E-03 |
| NDRG1 | -0.09 | -5.73 | 1.16E-04 | 1.09E-03 |
| ERMP1 | -0.12 | -5.73 | 1.16E-04 | 1.09E-03 |
| MMP28 | 0.26 | 5.73 | 1.16E-04 | 1.09E-03 |
| TTC17 | -0.11 | -5.73 | 1.16E-04 | 1.09E-03 |
| SENP2 | -0.15 | -5.73 | 1.16E-04 | 1.09E-03 |
| MEGF6 | -0.21 | -5.72 | 1.17E-04 | 1.09E-03 |
| KLK12 | 0.48 | 5.72 | 1.17E-04 | 1.10E-03 |
| SART1 | 0.11 | 5.72 | 1.17E-04 | 1.10E-03 |
| CLCA4 | -0.33 | -5.72 | 1.17E-04 | 1.10E-03 |
| COLEC12 | 0.20 | 5.72 | 1.18E-04 | 1.10E-03 |
| FAM20C | 0.21 | 5.72 | 1.18E-04 | 1.10E-03 |
| LSM12 | -0.08 | -5.72 | 1.18E-04 | 1.10E-03 |
| USP13 | 0.32 | 5.72 | 1.18E-04 | 1.10E-03 |
| MYL6B | 0.19 | 5.71 | 1.18E-04 | 1.10E-03 |
| NET1 | -0.08 | -5.71 | 1.19E-04 | 1.10E-03 |
| ZBTB38 | 0.07 | 5.71 | 1.19E-04 | 1.10E-03 |
| LAMA2 | 0.24 | 5.71 | 1.19E-04 | 1.11E-03 |
| FILIP1 | 0.40 | 5.71 | 1.19E-04 | 1.11E-03 |
| PLIN3 | -0.11 | -5.71 | 1.19E-04 | 1.11E-03 |
| NUAK1 | 0.24 | 5.70 | 1.20E-04 | 1.12E-03 |
| EIF3I | 0.09 | 5.70 | 1.20E-04 | 1.12E-03 |
| ANKS3 | -0.29 | -5.70 | 1.21E-04 | 1.12E-03 |
| RPL35 | 0.08 | 5.70 | 1.21E-04 | 1.12E-03 |
| CYB561D1 | -0.15 | -5.70 | 1.21E-04 | 1.12E-03 |
| AHCY | 0.11 | 5.70 | 1.21E-04 | 1.12E-03 |
| MRPS33 | 0.21 | 5.70 | 1.22E-04 | 1.12E-03 |
| TRAP1 | 0.09 | 5.70 | 1.22E-04 | 1.12E-03 |
| ANKRD26 | -0.15 | -5.70 | 1.21E-04 | 1.12E-03 |
| GGT5 | 0.21 | 5.69 | 1.22E-04 | 1.13E-03 |
| ERI2 | -0.13 | -5.69 | 1.22E-04 | 1.13E-03 |
| S1PR3 | 0.97 | 5.69 | 1.23E-04 | 1.13E-03 |
| ZNF410 | -0.11 | -5.69 | 1.23E-04 | 1.13E-03 |
| PIGT | 0.10 | 5.69 | 1.23E-04 | 1.13E-03 |
| KIF4A | 0.25 | 5.69 | 1.24E-04 | 1.14E-03 |
| EHBP1 | -0.08 | -5.68 | 1.25E-04 | 1.14E-03 |
| NPLOC4 | 0.09 | 5.68 | 1.25E-04 | 1.15E-03 |
| CHEK2 | -0.12 | -5.68 | 1.26E-04 | 1.15E-03 |
| MTRR | 0.16 | 5.67 | 1.26E-04 | 1.16E-03 |
| GIN1 | -0.15 | -5.67 | 1.26E-04 | 1.16E-03 |
| ELP1 | -0.09 | -5.67 | 1.27E-04 | 1.16E-03 |
| NIPAL2 | -0.09 | -5.67 | 1.27E-04 | 1.16E-03 |
| STARD7 | 0.09 | 5.66 | 1.28E-04 | 1.17E-03 |
| GARNL3 | -0.20 | -5.66 | 1.28E-04 | 1.17E-03 |
| KRT4 | -0.25 | -5.66 | 1.28E-04 | 1.17E-03 |
| SDK2 | 0.56 | 5.66 | 1.28E-04 | 1.17E-03 |
| EPRS | 0.09 | 5.66 | 1.28E-04 | 1.17E-03 |
| GALT | -0.15 | -5.66 | 1.29E-04 | 1.17E-03 |
| SF3B1 | -0.08 | -5.66 | 1.29E-04 | 1.17E-03 |
| ATP1A2 | 0.69 | 5.66 | 1.29E-04 | 1.17E-03 |
| KYAT3 | -0.10 | -5.66 | 1.29E-04 | 1.17E-03 |
| DOLK | 0.24 | 5.66 | 1.30E-04 | 1.18E-03 |
| TSPAN7 | 0.34 | 5.65 | 1.30E-04 | 1.18E-03 |
| GYG1 | 0.21 | 5.65 | 1.30E-04 | 1.18E-03 |
| VPS45 | -0.09 | -5.65 | 1.30E-04 | 1.18E-03 |
| CAB39L | -0.19 | -5.65 | 1.30E-04 | 1.18E-03 |
| CPLANE1 | -0.07 | -5.65 | 1.30E-04 | 1.18E-03 |
| AL593848.2 | 0.17 | 5.65 | 1.31E-04 | 1.19E-03 |
| AGAP1 | 0.10 | 5.65 | 1.31E-04 | 1.19E-03 |
| UBA6 | -0.12 | -5.64 | 1.32E-04 | 1.19E-03 |
| PDE4DIP | 0.27 | 5.64 | 1.32E-04 | 1.19E-03 |
| NOLC1 | 0.14 | 5.64 | 1.32E-04 | 1.19E-03 |
| ZNF433 | -0.44 | -5.64 | 1.33E-04 | 1.20E-03 |
| MCCC1 | -0.10 | -5.64 | 1.33E-04 | 1.20E-03 |
| ARID5A | 0.25 | 5.64 | 1.33E-04 | 1.20E-03 |
| ZNF264 | -0.10 | -5.64 | 1.33E-04 | 1.20E-03 |
| TNKS2 | -0.09 | -5.64 | 1.33E-04 | 1.20E-03 |
| PARD3 | -0.13 | -5.63 | 1.34E-04 | 1.20E-03 |
| PSMC3 | 0.10 | 5.63 | 1.34E-04 | 1.21E-03 |
| SPAG16 | -0.47 | -5.63 | 1.35E-04 | 1.21E-03 |
| ARHGEF16 | -0.22 | -5.63 | 1.35E-04 | 1.21E-03 |
| PRSS27 | -0.38 | -5.63 | 1.35E-04 | 1.21E-03 |
| SERPINB1 | -0.40 | -5.63 | 1.35E-04 | 1.21E-03 |
| NMU | -0.26 | -5.63 | 1.35E-04 | 1.21E-03 |
| S100A4 | 0.20 | 5.62 | 1.37E-04 | 1.22E-03 |
| SYNM | 0.51 | 5.62 | 1.37E-04 | 1.22E-03 |
| AC112128.1 | -0.10 | -5.62 | 1.37E-04 | 1.22E-03 |
| SPICE1 | -0.10 | -5.62 | 1.37E-04 | 1.22E-03 |
| MYSM1 | -0.17 | -5.62 | 1.37E-04 | 1.22E-03 |
| SIRT3 | -0.19 | -5.62 | 1.37E-04 | 1.22E-03 |
| TMEM98 | -0.34 | -5.62 | 1.37E-04 | 1.22E-03 |
| KRT27 | 0.18 | 5.62 | 1.37E-04 | 1.22E-03 |
| CEACAM1 | -0.59 | -5.62 | 1.38E-04 | 1.22E-03 |
| C10orf71 | 1.57 | 5.61 | 1.39E-04 | 1.23E-03 |
| TNNT3 | 0.58 | 5.61 | 1.39E-04 | 1.23E-03 |
| THEMIS | -0.11 | -5.61 | 1.39E-04 | 1.23E-03 |
| STEAP3 | 0.25 | 5.61 | 1.39E-04 | 1.24E-03 |
| CLHC1 | -0.39 | -5.61 | 1.40E-04 | 1.24E-03 |
| RNF113A | 0.22 | 5.60 | 1.40E-04 | 1.24E-03 |
| LMCD1 | 0.29 | 5.60 | 1.40E-04 | 1.24E-03 |
| ME1 | 0.17 | 5.60 | 1.42E-04 | 1.25E-03 |
| PAPPA | -0.64 | -5.60 | 1.42E-04 | 1.25E-03 |
| FOXM1 | -0.10 | -5.60 | 1.42E-04 | 1.25E-03 |
| TRHDE | 0.33 | 5.59 | 1.42E-04 | 1.26E-03 |
| MMAB | 0.13 | 5.59 | 1.43E-04 | 1.26E-03 |
| NEK5 | -0.10 | -5.59 | 1.43E-04 | 1.26E-03 |
| PHC1 | -0.15 | -5.59 | 1.44E-04 | 1.27E-03 |
| SRPK1 | 0.09 | 5.58 | 1.45E-04 | 1.27E-03 |
| APOBEC2 | 0.69 | 5.58 | 1.45E-04 | 1.27E-03 |
| DCK | -0.15 | -5.58 | 1.45E-04 | 1.27E-03 |
| METTL17 | -0.12 | -5.58 | 1.45E-04 | 1.27E-03 |
| COL27A1 | 0.11 | 5.58 | 1.45E-04 | 1.27E-03 |
| TAF8 | -0.09 | -5.58 | 1.45E-04 | 1.27E-03 |
| MYO19 | -0.09 | -5.58 | 1.45E-04 | 1.27E-03 |
| ITCH | -0.09 | -5.58 | 1.46E-04 | 1.28E-03 |
| IRS1 | 0.36 | 5.58 | 1.46E-04 | 1.28E-03 |
| IL1RAP | -0.23 | -5.58 | 1.46E-04 | 1.28E-03 |
| VSIG8 | 0.30 | 5.57 | 1.47E-04 | 1.28E-03 |
| FAM13C | 0.16 | 5.57 | 1.47E-04 | 1.28E-03 |
| ZSWIM6 | -0.13 | -5.57 | 1.47E-04 | 1.29E-03 |
| UVSSA | -0.11 | -5.57 | 1.47E-04 | 1.29E-03 |
| SHROOM3 | -0.34 | -5.57 | 1.48E-04 | 1.29E-03 |
| TMEM176A | 0.45 | 5.57 | 1.48E-04 | 1.29E-03 |
| KLHL41 | 0.81 | 5.57 | 1.48E-04 | 1.29E-03 |
| NOP14 | 0.10 | 5.57 | 1.48E-04 | 1.29E-03 |
| ZNF132 | -0.27 | -5.57 | 1.48E-04 | 1.29E-03 |
| MYOZ2 | 1.60 | 5.57 | 1.49E-04 | 1.29E-03 |
| GK5 | -0.14 | -5.57 | 1.48E-04 | 1.29E-03 |
| DMTF1 | -0.09 | -5.56 | 1.49E-04 | 1.29E-03 |
| DLGAP4 | 0.14 | 5.56 | 1.49E-04 | 1.29E-03 |
| ZNF841 | -0.18 | -5.56 | 1.49E-04 | 1.29E-03 |
| ENOX2 | 0.18 | 5.56 | 1.49E-04 | 1.29E-03 |
| COX4I1 | 0.10 | 5.56 | 1.50E-04 | 1.30E-03 |
| PLEKHG1 | 0.10 | 5.55 | 1.51E-04 | 1.31E-03 |
| PSMD14 | 0.11 | 5.55 | 1.51E-04 | 1.31E-03 |
| CNKSR1 | -0.15 | -5.55 | 1.51E-04 | 1.31E-03 |
| NHSL2 | 0.20 | 5.55 | 1.52E-04 | 1.31E-03 |
| ACYP2 | -0.10 | -5.55 | 1.52E-04 | 1.31E-03 |
| AC069288.1 | -0.09 | -5.55 | 1.52E-04 | 1.31E-03 |
| NFE2L1 | 0.09 | 5.55 | 1.53E-04 | 1.31E-03 |
| BTG3 | -0.15 | -5.55 | 1.53E-04 | 1.31E-03 |
| RNF170 | -0.15 | -5.55 | 1.53E-04 | 1.31E-03 |
| INCENP | 0.14 | 5.54 | 1.54E-04 | 1.32E-03 |
| TBCB | -0.09 | -5.54 | 1.55E-04 | 1.33E-03 |
| CSRP3 | 1.19 | 5.54 | 1.56E-04 | 1.33E-03 |
| LRP8 | 0.34 | 5.54 | 1.56E-04 | 1.33E-03 |
| SLC25A4 | 0.37 | 5.54 | 1.56E-04 | 1.33E-03 |
| ACAP3 | -0.14 | -5.54 | 1.55E-04 | 1.33E-03 |
| ABCA5 | -0.12 | -5.54 | 1.55E-04 | 1.33E-03 |
| SNX7 | 0.14 | 5.54 | 1.56E-04 | 1.33E-03 |
| BLOC1S2 | -0.16 | -5.53 | 1.56E-04 | 1.34E-03 |
| PHIP | -0.09 | -5.53 | 1.57E-04 | 1.34E-03 |
| FXYD5 | 0.22 | 5.53 | 1.57E-04 | 1.34E-03 |
| RPS2 | 0.07 | 5.53 | 1.58E-04 | 1.35E-03 |
| DENND2C | -0.15 | -5.53 | 1.58E-04 | 1.35E-03 |
| PLCD1 | 0.12 | 5.53 | 1.58E-04 | 1.35E-03 |
| CARD14 | -0.14 | -5.52 | 1.59E-04 | 1.35E-03 |
| PPP1R14B | 0.12 | 5.52 | 1.59E-04 | 1.36E-03 |
| SLC12A1 | -0.07 | -5.52 | 1.60E-04 | 1.36E-03 |
| SEC61G | -0.21 | -5.52 | 1.60E-04 | 1.36E-03 |
| PABPC1L | -0.21 | -5.52 | 1.60E-04 | 1.36E-03 |
| MICA | -0.13 | -5.52 | 1.60E-04 | 1.36E-03 |
| ZNF829 | -0.10 | -5.52 | 1.60E-04 | 1.36E-03 |
| ISOC1 | -0.23 | -5.52 | 1.60E-04 | 1.36E-03 |
| ZNF850 | -0.21 | -5.51 | 1.61E-04 | 1.36E-03 |
| PRUNE2 | 0.41 | 5.51 | 1.61E-04 | 1.37E-03 |
| MAPRE2 | 0.18 | 5.51 | 1.61E-04 | 1.37E-03 |
| USP5 | 0.10 | 5.51 | 1.62E-04 | 1.37E-03 |
| SELENOP | -0.07 | -5.51 | 1.62E-04 | 1.37E-03 |
| MLIP | 0.61 | 5.51 | 1.63E-04 | 1.38E-03 |
| PAX6 | -0.34 | -5.50 | 1.64E-04 | 1.38E-03 |
| PANK2 | -0.14 | -5.50 | 1.64E-04 | 1.39E-03 |
| MTMR8 | -0.46 | -5.50 | 1.64E-04 | 1.39E-03 |
| ESR1 | 0.61 | 5.50 | 1.65E-04 | 1.39E-03 |
| KCTD1 | 0.09 | 5.50 | 1.66E-04 | 1.39E-03 |
| KRT76 | -0.74 | -5.50 | 1.66E-04 | 1.39E-03 |
| KANK3 | -0.14 | -5.49 | 1.66E-04 | 1.40E-03 |
| ALDH1A3 | -0.22 | -5.49 | 1.67E-04 | 1.40E-03 |
| ODC1 | 0.15 | 5.49 | 1.67E-04 | 1.40E-03 |
| IGLC1 | 0.55 | 5.49 | 1.67E-04 | 1.40E-03 |
| SHPRH | -0.08 | -5.49 | 1.67E-04 | 1.40E-03 |
| CCDC57 | -0.16 | -5.49 | 1.67E-04 | 1.40E-03 |
| TSPAN2 | 0.36 | 5.49 | 1.68E-04 | 1.40E-03 |
| SEMA4B | -0.11 | -5.49 | 1.68E-04 | 1.41E-03 |
| FN1 | 0.12 | 5.49 | 1.68E-04 | 1.41E-03 |
| L1CAM | 0.27 | 5.48 | 1.68E-04 | 1.41E-03 |
| EML1 | 0.22 | 5.48 | 1.69E-04 | 1.41E-03 |
| C7 | -0.66 | -5.48 | 1.69E-04 | 1.41E-03 |
| JMY | 0.09 | 5.48 | 1.69E-04 | 1.41E-03 |
| FBF1 | -0.39 | -5.48 | 1.69E-04 | 1.41E-03 |
| UFC1 | 0.15 | 5.48 | 1.70E-04 | 1.42E-03 |
| ATP2B4 | 0.06 | 5.48 | 1.70E-04 | 1.42E-03 |
| VPS13B | -0.06 | -5.48 | 1.70E-04 | 1.42E-03 |
| MYO3B | 1.31 | 5.48 | 1.70E-04 | 1.42E-03 |
| ATP1B2 | 0.62 | 5.48 | 1.70E-04 | 1.42E-03 |
| USP33 | -0.12 | -5.48 | 1.70E-04 | 1.42E-03 |
| PHLDA3 | 0.29 | 5.47 | 1.71E-04 | 1.42E-03 |
| CCNG2 | -0.19 | -5.47 | 1.71E-04 | 1.42E-03 |
| JAZF1 | 0.47 | 5.47 | 1.71E-04 | 1.42E-03 |
| ACP5 | 0.17 | 5.47 | 1.72E-04 | 1.42E-03 |
| TSC1 | -0.08 | -5.47 | 1.72E-04 | 1.43E-03 |
| HTATSF1 | 0.13 | 5.47 | 1.73E-04 | 1.43E-03 |
| PSMD3 | 0.10 | 5.47 | 1.73E-04 | 1.43E-03 |
| TUSC3 | 0.29 | 5.47 | 1.73E-04 | 1.43E-03 |
| ZNF655 | -0.10 | -5.47 | 1.73E-04 | 1.43E-03 |
| IMPDH1 | 0.13 | 5.47 | 1.73E-04 | 1.43E-03 |
| PSMD7 | 0.08 | 5.46 | 1.74E-04 | 1.44E-03 |
| KRT19 | -0.41 | -5.46 | 1.74E-04 | 1.44E-03 |
| MAN2A1 | -0.08 | -5.46 | 1.75E-04 | 1.44E-03 |
| ANK1 | 0.56 | 5.46 | 1.75E-04 | 1.44E-03 |
| CENPL | -0.11 | -5.46 | 1.75E-04 | 1.44E-03 |
| BCL7B | -0.08 | -5.46 | 1.75E-04 | 1.44E-03 |
| TNFRSF11A | -0.22 | -5.46 | 1.75E-04 | 1.44E-03 |
| PPIF | 0.28 | 5.46 | 1.75E-04 | 1.44E-03 |
| S1PR1 | 0.30 | 5.46 | 1.76E-04 | 1.44E-03 |
| IL4R | -0.16 | -5.46 | 1.76E-04 | 1.45E-03 |
| FRAS1 | -0.28 | -5.45 | 1.76E-04 | 1.45E-03 |
| ZFP30 | -0.17 | -5.45 | 1.77E-04 | 1.45E-03 |
| CCDC138 | -0.13 | -5.45 | 1.77E-04 | 1.45E-03 |
| DENND2D | -0.11 | -5.45 | 1.77E-04 | 1.45E-03 |
| ADAM19 | 0.20 | 5.45 | 1.77E-04 | 1.45E-03 |
| MYO7A | 0.32 | 5.45 | 1.77E-04 | 1.45E-03 |
| ELOVL1 | 0.07 | 5.45 | 1.78E-04 | 1.45E-03 |
| LHFPL6 | 0.19 | 5.45 | 1.78E-04 | 1.45E-03 |
| MRPL17 | 0.20 | 5.45 | 1.78E-04 | 1.45E-03 |
| ADAMTSL5 | -0.37 | -5.45 | 1.78E-04 | 1.45E-03 |
| CMTM6 | -0.16 | -5.45 | 1.79E-04 | 1.46E-03 |
| ANKRD36B | -0.15 | -5.44 | 1.79E-04 | 1.46E-03 |
| SNTA1 | 0.32 | 5.44 | 1.79E-04 | 1.46E-03 |
| ENO2 | 0.13 | 5.44 | 1.80E-04 | 1.47E-03 |
| ZNF28 | -0.13 | -5.44 | 1.81E-04 | 1.47E-03 |
| FITM1 | 0.93 | 5.44 | 1.81E-04 | 1.48E-03 |
| SELENBP1 | 0.23 | 5.43 | 1.83E-04 | 1.48E-03 |
| HOMER3 | 0.30 | 5.43 | 1.84E-04 | 1.49E-03 |
| RHOQ | 0.29 | 5.43 | 1.84E-04 | 1.50E-03 |
| ENO3 | 0.75 | 5.42 | 1.85E-04 | 1.50E-03 |
| PPP1R11 | 0.10 | 5.42 | 1.85E-04 | 1.50E-03 |
| TOR3A | 0.18 | 5.42 | 1.85E-04 | 1.50E-03 |
| GULP1 | -0.36 | -5.42 | 1.85E-04 | 1.50E-03 |
| ATAD2 | -0.10 | -5.42 | 1.85E-04 | 1.50E-03 |
| ADAT1 | 0.08 | 5.42 | 1.86E-04 | 1.50E-03 |
| SH3BP5L | 0.21 | 5.42 | 1.86E-04 | 1.50E-03 |
| RPP40 | 0.17 | 5.42 | 1.87E-04 | 1.51E-03 |
| DSG4 | -0.47 | -5.42 | 1.87E-04 | 1.51E-03 |
| EBNA1BP2 | 0.14 | 5.41 | 1.88E-04 | 1.52E-03 |
| ZNF529 | -0.23 | -5.41 | 1.90E-04 | 1.53E-03 |
| SLC35B3 | -0.17 | -5.41 | 1.90E-04 | 1.53E-03 |
| GALNT18 | 0.17 | 5.41 | 1.90E-04 | 1.53E-03 |
| THUMPD2 | -0.17 | -5.41 | 1.90E-04 | 1.53E-03 |
| PAXBP1 | -0.08 | -5.41 | 1.90E-04 | 1.53E-03 |
| LARS2 | -0.12 | -5.40 | 1.91E-04 | 1.53E-03 |
| ANKH | 0.12 | 5.40 | 1.91E-04 | 1.53E-03 |
| MYH9 | 0.06 | 5.40 | 1.91E-04 | 1.53E-03 |
| C22orf23 | -0.28 | -5.40 | 1.91E-04 | 1.53E-03 |
| ZNF518B | -0.15 | -5.40 | 1.92E-04 | 1.54E-03 |
| SLC22A15 | -0.22 | -5.40 | 1.92E-04 | 1.54E-03 |
| TMX2-CTNND1 | -0.60 | -5.40 | 1.93E-04 | 1.55E-03 |
| IGFBP4 | 0.16 | 5.39 | 1.94E-04 | 1.55E-03 |
| NOP2 | -0.07 | -5.39 | 1.94E-04 | 1.55E-03 |
| ELOVL5 | 0.15 | 5.39 | 1.95E-04 | 1.56E-03 |
| KMT5A | 0.12 | 5.39 | 1.95E-04 | 1.56E-03 |
| MYH14 | -0.11 | -5.39 | 1.95E-04 | 1.56E-03 |
| ZFP3 | -0.34 | -5.39 | 1.95E-04 | 1.56E-03 |
| ITPKB | 0.09 | 5.39 | 1.95E-04 | 1.56E-03 |
| RBM5 | -0.08 | -5.39 | 1.95E-04 | 1.56E-03 |
| PLEKHG4 | -0.38 | -5.39 | 1.96E-04 | 1.56E-03 |
| CNTLN | 0.14 | 5.39 | 1.96E-04 | 1.56E-03 |
| SPTBN1 | 0.08 | 5.39 | 1.96E-04 | 1.56E-03 |
| PCSK6 | 0.13 | 5.39 | 1.96E-04 | 1.56E-03 |
| HDAC9 | 0.18 | 5.39 | 1.97E-04 | 1.56E-03 |
| MCM8 | -0.08 | -5.38 | 1.97E-04 | 1.56E-03 |
| ASAH1 | -0.09 | -5.39 | 1.96E-04 | 1.56E-03 |
| NINL | -0.17 | -5.39 | 1.96E-04 | 1.56E-03 |
| NUP160 | -0.08 | -5.38 | 1.97E-04 | 1.56E-03 |
| BOLA2-SMG1P6 | -0.13 | -5.38 | 1.97E-04 | 1.56E-03 |
| KDM5D | -0.10 | -5.38 | 1.98E-04 | 1.57E-03 |
| SCNM1 | 0.15 | 5.38 | 1.98E-04 | 1.57E-03 |
| QSOX1 | 0.08 | 5.38 | 1.99E-04 | 1.57E-03 |
| ECM1 | -0.29 | -5.38 | 1.99E-04 | 1.57E-03 |
| RBL2 | -0.06 | -5.38 | 1.99E-04 | 1.57E-03 |
| PTTG1IP | 0.13 | 5.38 | 1.99E-04 | 1.57E-03 |
| ZNF700 | -0.19 | -5.37 | 2.00E-04 | 1.57E-03 |
| GJC1 | 0.50 | 5.37 | 2.00E-04 | 1.58E-03 |
| MAT2A | -0.10 | -5.37 | 2.00E-04 | 1.58E-03 |
| ZNF506 | -0.22 | -5.37 | 2.01E-04 | 1.58E-03 |
| RIPK4 | -0.09 | -5.37 | 2.01E-04 | 1.58E-03 |
| PAPSS1 | -0.08 | -5.37 | 2.01E-04 | 1.58E-03 |
| PRKAB2 | 0.15 | 5.37 | 2.01E-04 | 1.58E-03 |
| MYPN | 1.41 | 5.37 | 2.02E-04 | 1.58E-03 |
| DSG2 | -0.20 | -5.37 | 2.02E-04 | 1.58E-03 |
| POLR3H | 0.11 | 5.37 | 2.02E-04 | 1.59E-03 |
| TMEM38A | 0.67 | 5.37 | 2.02E-04 | 1.59E-03 |
| PSMB5 | 0.10 | 5.37 | 2.02E-04 | 1.59E-03 |
| SGSM2 | -0.12 | -5.37 | 2.02E-04 | 1.59E-03 |
| ZCCHC8 | -0.11 | -5.37 | 2.03E-04 | 1.59E-03 |
| SF3B4 | 0.14 | 5.36 | 2.03E-04 | 1.59E-03 |
| ITGA3 | 0.09 | 5.36 | 2.04E-04 | 1.60E-03 |
| RYR2 | 0.36 | 5.36 | 2.05E-04 | 1.60E-03 |
| ALG6 | -0.15 | -5.36 | 2.05E-04 | 1.60E-03 |
| PSMD11 | 0.08 | 5.36 | 2.05E-04 | 1.60E-03 |
| GPR161 | 0.29 | 5.35 | 2.07E-04 | 1.61E-03 |
| PLXNA3 | -0.15 | -5.35 | 2.06E-04 | 1.61E-03 |
| WDFY3 | -0.06 | -5.35 | 2.06E-04 | 1.61E-03 |
| ARNTL | 0.28 | 5.35 | 2.09E-04 | 1.62E-03 |
| IPO11 | -0.07 | -5.35 | 2.09E-04 | 1.62E-03 |
| ARF1 | 0.08 | 5.34 | 2.09E-04 | 1.63E-03 |
| SAR1A | -0.07 | -5.34 | 2.10E-04 | 1.63E-03 |
| PXDN | 0.23 | 5.34 | 2.10E-04 | 1.63E-03 |
| TBPL1 | -0.24 | -5.34 | 2.12E-04 | 1.64E-03 |
| IGLL5 | 0.41 | 5.34 | 2.13E-04 | 1.65E-03 |
| TRA2A | -0.13 | -5.33 | 2.13E-04 | 1.65E-03 |
| ZNF417 | -0.24 | -5.33 | 2.13E-04 | 1.65E-03 |
| ABO | 0.38 | 5.33 | 2.14E-04 | 1.65E-03 |
| CENPT | 0.13 | 5.33 | 2.14E-04 | 1.65E-03 |
| LRBA | -0.09 | -5.33 | 2.15E-04 | 1.66E-03 |
| MID2 | 0.10 | 5.33 | 2.15E-04 | 1.66E-03 |
| SLC25A5 | 0.13 | 5.33 | 2.16E-04 | 1.67E-03 |
| SEMA4D | -0.09 | -5.32 | 2.18E-04 | 1.68E-03 |
| ANKS1B | -0.48 | -5.32 | 2.19E-04 | 1.69E-03 |
| HIST1H2BF | 0.11 | 5.32 | 2.19E-04 | 1.69E-03 |
| FAM50A | 0.15 | 5.32 | 2.19E-04 | 1.69E-03 |
| IL32 | 0.26 | 5.31 | 2.21E-04 | 1.70E-03 |
| DSE | -0.09 | -5.31 | 2.21E-04 | 1.70E-03 |
| UFM1 | -0.31 | -5.31 | 2.21E-04 | 1.70E-03 |
| YTHDC2 | -0.14 | -5.31 | 2.21E-04 | 1.70E-03 |
| CPNE3 | -0.08 | -5.31 | 2.21E-04 | 1.70E-03 |
| RBM39 | -0.07 | -5.31 | 2.21E-04 | 1.70E-03 |
| LIPE | 0.24 | 5.31 | 2.22E-04 | 1.70E-03 |
| ADARB1 | -0.07 | -5.31 | 2.23E-04 | 1.71E-03 |
| PER3 | -0.34 | -5.30 | 2.23E-04 | 1.71E-03 |
| TENT5B | -0.12 | -5.30 | 2.23E-04 | 1.71E-03 |
| PLA2G6 | -0.10 | -5.30 | 2.23E-04 | 1.71E-03 |
| PHYH | 0.35 | 5.30 | 2.25E-04 | 1.72E-03 |
| ZNF836 | -0.15 | -5.30 | 2.25E-04 | 1.72E-03 |
| SCN4B | 0.57 | 5.29 | 2.26E-04 | 1.73E-03 |
| C16orf89 | -0.10 | -5.29 | 2.27E-04 | 1.73E-03 |
| FGD3 | -0.26 | -5.29 | 2.27E-04 | 1.73E-03 |
| EPB41L3 | 0.19 | 5.29 | 2.27E-04 | 1.73E-03 |
| PTAR1 | -0.10 | -5.29 | 2.28E-04 | 1.74E-03 |
| PPP1R21 | -0.10 | -5.29 | 2.29E-04 | 1.74E-03 |
| HAS2 | 0.22 | 5.29 | 2.29E-04 | 1.74E-03 |
| CRYBG2 | -0.12 | -5.29 | 2.29E-04 | 1.74E-03 |
| FAM3B | -0.50 | -5.29 | 2.29E-04 | 1.74E-03 |
| POM121C | 0.08 | 5.29 | 2.30E-04 | 1.75E-03 |
| BUD31 | 0.14 | 5.28 | 2.30E-04 | 1.75E-03 |
| BLOC1S1 | 0.12 | 5.28 | 2.31E-04 | 1.75E-03 |
| ACLY | 0.09 | 5.28 | 2.31E-04 | 1.75E-03 |
| ZDHHC9 | 0.27 | 5.28 | 2.31E-04 | 1.75E-03 |
| AK9 | -0.18 | -5.28 | 2.31E-04 | 1.75E-03 |
| ZNF207 | -0.09 | -5.28 | 2.33E-04 | 1.76E-03 |
| PDE3A | 0.46 | 5.28 | 2.33E-04 | 1.77E-03 |
| MRPS11 | 0.16 | 5.27 | 2.34E-04 | 1.77E-03 |
| PCDHGA11 | -0.27 | -5.27 | 2.34E-04 | 1.77E-03 |
| MOXD1 | 0.50 | 5.27 | 2.35E-04 | 1.78E-03 |
| CARD10 | 0.17 | 5.27 | 2.36E-04 | 1.78E-03 |
| AEBP1 | 0.11 | 5.27 | 2.36E-04 | 1.78E-03 |
| ZNF654 | -0.12 | -5.27 | 2.36E-04 | 1.78E-03 |
| FASTKD1 | -0.15 | -5.27 | 2.37E-04 | 1.78E-03 |
| ZNF17 | -0.16 | -5.27 | 2.37E-04 | 1.79E-03 |
| PDGFC | -0.45 | -5.27 | 2.37E-04 | 1.79E-03 |
| ITPRIP | -0.13 | -5.27 | 2.37E-04 | 1.79E-03 |
| CRYAB | 0.24 | 5.26 | 2.38E-04 | 1.79E-03 |
| MVK | 0.14 | 5.26 | 2.38E-04 | 1.79E-03 |
| METTL3 | -0.09 | -5.26 | 2.38E-04 | 1.79E-03 |
| METTL5 | -0.07 | -5.26 | 2.38E-04 | 1.79E-03 |
| ZNF721 | -0.11 | -5.26 | 2.39E-04 | 1.79E-03 |
| PCSK1 | -0.41 | -5.26 | 2.39E-04 | 1.79E-03 |
| HGSNAT | -0.13 | -5.26 | 2.40E-04 | 1.80E-03 |
| ZNF75A | -0.20 | -5.26 | 2.40E-04 | 1.80E-03 |
| POF1B | 0.14 | 5.26 | 2.41E-04 | 1.80E-03 |
| CDK11A | 0.12 | 5.26 | 2.41E-04 | 1.80E-03 |
| GOLIM4 | 0.22 | 5.25 | 2.41E-04 | 1.81E-03 |
| PPP1R7 | 0.07 | 5.25 | 2.41E-04 | 1.81E-03 |
| SMIM14 | -0.22 | -5.25 | 2.42E-04 | 1.81E-03 |
| PNPLA7 | -0.18 | -5.25 | 2.42E-04 | 1.81E-03 |
| NOB1 | 0.12 | 5.25 | 2.42E-04 | 1.81E-03 |
| BRD4 | 0.07 | 5.25 | 2.43E-04 | 1.81E-03 |
| KIAA1109 | -0.08 | -5.25 | 2.43E-04 | 1.81E-03 |
| DPY19L4 | -0.09 | -5.25 | 2.43E-04 | 1.81E-03 |
| FAM3C | 0.17 | 5.25 | 2.44E-04 | 1.81E-03 |
| LONRF3 | 0.46 | 5.25 | 2.44E-04 | 1.82E-03 |
| UNC119B | 0.13 | 5.25 | 2.45E-04 | 1.82E-03 |
| SRXN1 | 0.40 | 5.24 | 2.46E-04 | 1.82E-03 |
| GLMN | -0.15 | -5.24 | 2.46E-04 | 1.82E-03 |
| SZRD1 | 0.14 | 5.24 | 2.46E-04 | 1.83E-03 |
| ABCA7 | -0.17 | -5.24 | 2.46E-04 | 1.83E-03 |
| RCC1L | 0.10 | 5.24 | 2.47E-04 | 1.84E-03 |
| CCNJL | -0.11 | -5.24 | 2.47E-04 | 1.84E-03 |
| EIF4B | 0.06 | 5.24 | 2.49E-04 | 1.84E-03 |
| P4HA2 | 0.13 | 5.24 | 2.49E-04 | 1.84E-03 |
| RDM1 | -0.50 | -5.23 | 2.49E-04 | 1.85E-03 |
| CCDC28A | -0.21 | -5.23 | 2.50E-04 | 1.85E-03 |
| TMEM140 | 0.34 | 5.23 | 2.50E-04 | 1.85E-03 |
| NRAP | 1.03 | 5.23 | 2.51E-04 | 1.85E-03 |
| NOMO1 | 0.08 | 5.23 | 2.51E-04 | 1.86E-03 |
| INTS4 | -0.08 | -5.23 | 2.52E-04 | 1.86E-03 |
| HINT1 | 0.08 | 5.23 | 2.52E-04 | 1.86E-03 |
| NFIA | -0.08 | -5.22 | 2.53E-04 | 1.87E-03 |
| ZNFX1 | 0.07 | 5.22 | 2.55E-04 | 1.88E-03 |
| UNC93A | 1.44 | 5.22 | 2.55E-04 | 1.88E-03 |
| MDN1 | -0.06 | -5.22 | 2.55E-04 | 1.88E-03 |
| NSUN6 | -0.16 | -5.22 | 2.55E-04 | 1.88E-03 |
| PMPCA | 0.11 | 5.21 | 2.57E-04 | 1.89E-03 |
| CSNK1E | 0.11 | 5.21 | 2.57E-04 | 1.89E-03 |
| TPTEP2-CSNK1E | 0.11 | 5.21 | 2.57E-04 | 1.89E-03 |
| SYT8 | 0.23 | 5.21 | 2.58E-04 | 1.89E-03 |
| CD46 | -0.07 | -5.21 | 2.58E-04 | 1.89E-03 |
| MSI2 | -0.20 | -5.21 | 2.58E-04 | 1.89E-03 |
| MTMR10 | -0.16 | -5.21 | 2.59E-04 | 1.90E-03 |
| PRKACA | 0.10 | 5.21 | 2.61E-04 | 1.91E-03 |
| S100B | -0.10 | -5.21 | 2.61E-04 | 1.91E-03 |
| AATF | 0.11 | 5.20 | 2.61E-04 | 1.91E-03 |
| DUSP3 | 0.16 | 5.20 | 2.62E-04 | 1.91E-03 |
| AC142391.1 | 0.28 | 5.20 | 2.62E-04 | 1.91E-03 |
| ECSCR | 0.28 | 5.20 | 2.62E-04 | 1.91E-03 |
| TBXA2R | -0.11 | -5.20 | 2.62E-04 | 1.91E-03 |
| SLC28A3 | 0.43 | 5.20 | 2.64E-04 | 1.92E-03 |
| WBP11 | 0.08 | 5.20 | 2.64E-04 | 1.92E-03 |
| MME | 0.43 | 5.20 | 2.65E-04 | 1.93E-03 |
| KIAA1549 | 0.27 | 5.20 | 2.65E-04 | 1.93E-03 |
| SNRNP35 | 0.15 | 5.19 | 2.65E-04 | 1.93E-03 |
| SHCBP1 | 0.23 | 5.19 | 2.66E-04 | 1.93E-03 |
| ACOX1 | -0.09 | -5.19 | 2.66E-04 | 1.94E-03 |
| SLC6A6 | -0.10 | -5.19 | 2.66E-04 | 1.94E-03 |
| KIAA1217 | -0.15 | -5.19 | 2.68E-04 | 1.95E-03 |
| SORCS1 | 0.52 | 5.19 | 2.69E-04 | 1.95E-03 |
| BTBD9 | -0.16 | -5.19 | 2.69E-04 | 1.95E-03 |
| ATG16L2 | -0.20 | -5.19 | 2.69E-04 | 1.95E-03 |
| TMEM40 | -0.12 | -5.18 | 2.69E-04 | 1.95E-03 |
| TMEM176B | 0.25 | 5.18 | 2.70E-04 | 1.95E-03 |
| AP5B1 | -0.18 | -5.18 | 2.70E-04 | 1.95E-03 |
| ATF7IP2 | -0.17 | -5.18 | 2.70E-04 | 1.95E-03 |
| SKIDA1 | -0.19 | -5.18 | 2.70E-04 | 1.95E-03 |
| ZNF606 | -0.33 | -5.18 | 2.70E-04 | 1.96E-03 |
| EIF5AL1 | 0.12 | 5.18 | 2.71E-04 | 1.96E-03 |
| ZNF549 | -0.32 | -5.18 | 2.72E-04 | 1.96E-03 |
| ST7L | -0.12 | -5.18 | 2.71E-04 | 1.96E-03 |
| CLCC1 | -0.09 | -5.18 | 2.72E-04 | 1.96E-03 |
| NF1 | -0.08 | -5.18 | 2.72E-04 | 1.96E-03 |
| SUSD2 | 0.18 | 5.17 | 2.74E-04 | 1.97E-03 |
| MTHFD1L | 0.18 | 5.17 | 2.74E-04 | 1.97E-03 |
| PES1 | 0.12 | 5.17 | 2.74E-04 | 1.97E-03 |
| KCNJ8 | 0.27 | 5.17 | 2.74E-04 | 1.97E-03 |
| TNNT2 | 0.31 | 5.17 | 2.75E-04 | 1.98E-03 |
| PHYKPL | -0.09 | -5.17 | 2.75E-04 | 1.98E-03 |
| TUFM | 0.08 | 5.17 | 2.76E-04 | 1.98E-03 |
| EEF1A2 | 1.12 | 5.17 | 2.77E-04 | 1.98E-03 |
| DCLK1 | 0.20 | 5.17 | 2.77E-04 | 1.98E-03 |
| RABGAP1 | -0.10 | -5.17 | 2.77E-04 | 1.98E-03 |
| MOV10 | -0.12 | -5.17 | 2.77E-04 | 1.99E-03 |
| STON1 | 0.12 | 5.17 | 2.77E-04 | 1.99E-03 |
| SLC22A23 | -0.10 | -5.17 | 2.78E-04 | 1.99E-03 |
| CHN1 | 0.26 | 5.16 | 2.79E-04 | 1.99E-03 |
| KLF11 | 0.19 | 5.16 | 2.79E-04 | 1.99E-03 |
| SERPINB11 | -0.17 | -5.16 | 2.79E-04 | 2.00E-03 |
| SH3YL1 | -0.10 | -5.16 | 2.80E-04 | 2.00E-03 |
| PGAM5 | 0.24 | 5.16 | 2.81E-04 | 2.01E-03 |
| BLMH | 0.09 | 5.15 | 2.83E-04 | 2.02E-03 |
| RGPD6 | -0.11 | -5.15 | 2.83E-04 | 2.02E-03 |
| RGPD5 | -0.11 | -5.15 | 2.83E-04 | 2.02E-03 |
| NOP56 | 0.08 | 5.15 | 2.84E-04 | 2.02E-03 |
| ZNF595 | -0.34 | -5.15 | 2.84E-04 | 2.02E-03 |
| AC256309.2 | -0.07 | -5.15 | 2.84E-04 | 2.02E-03 |
| ILVBL | -0.14 | -5.15 | 2.84E-04 | 2.02E-03 |
| AFDN | -0.11 | -5.15 | 2.84E-04 | 2.02E-03 |
| FRMD6 | -0.06 | -5.15 | 2.84E-04 | 2.02E-03 |
| SMARCA1 | -0.17 | -5.15 | 2.83E-04 | 2.02E-03 |
| ZNF347 | -0.19 | -5.15 | 2.85E-04 | 2.02E-03 |
| HAUS6 | -0.12 | -5.15 | 2.86E-04 | 2.03E-03 |
| CD163L1 | 0.35 | 5.15 | 2.86E-04 | 2.03E-03 |
| APOE | 0.24 | 5.14 | 2.87E-04 | 2.03E-03 |
| PSMD1 | 0.10 | 5.14 | 2.87E-04 | 2.03E-03 |
| LRRC8C | 0.11 | 5.14 | 2.88E-04 | 2.04E-03 |
| MRPL15 | 0.16 | 5.14 | 2.88E-04 | 2.04E-03 |
| ARHGEF6 | 0.11 | 5.14 | 2.89E-04 | 2.04E-03 |
| NPAS2 | 0.22 | 5.14 | 2.90E-04 | 2.04E-03 |
| PCDHGA9 | -0.17 | -5.14 | 2.90E-04 | 2.04E-03 |
| KLRB1 | -0.53 | -5.14 | 2.90E-04 | 2.04E-03 |
| MEGF11 | -0.31 | -5.14 | 2.89E-04 | 2.04E-03 |
| ANKRD20A1 | -0.64 | -5.14 | 2.90E-04 | 2.05E-03 |
| ZC3H18 | 0.11 | 5.14 | 2.91E-04 | 2.05E-03 |
| ZFP28 | -0.31 | -5.14 | 2.91E-04 | 2.05E-03 |
| LYPD5 | 0.25 | 5.14 | 2.91E-04 | 2.05E-03 |
| PCTP | 0.40 | 5.14 | 2.91E-04 | 2.05E-03 |
| ZNF26 | -0.10 | -5.14 | 2.91E-04 | 2.05E-03 |
| TNNC1 | 1.21 | 5.13 | 2.92E-04 | 2.05E-03 |
| SLC2A13 | -0.22 | -5.13 | 2.93E-04 | 2.06E-03 |
| R3HCC1 | 0.10 | 5.13 | 2.93E-04 | 2.06E-03 |
| FH | 0.12 | 5.13 | 2.94E-04 | 2.06E-03 |
| KLK10 | 0.13 | 5.13 | 2.95E-04 | 2.07E-03 |
| SLC2A9 | -0.26 | -5.13 | 2.95E-04 | 2.07E-03 |
| RGS6 | 0.53 | 5.13 | 2.95E-04 | 2.07E-03 |
| TEAD2 | 0.24 | 5.13 | 2.96E-04 | 2.07E-03 |
| ZNF776 | -0.17 | -5.13 | 2.96E-04 | 2.07E-03 |
| PTP4A3 | 0.46 | 5.12 | 2.97E-04 | 2.08E-03 |
| HIST1H2BD | 0.09 | 5.12 | 2.97E-04 | 2.08E-03 |
| CLCN6 | -0.18 | -5.12 | 2.97E-04 | 2.08E-03 |
| AC073610.2 | -0.07 | -5.12 | 2.97E-04 | 2.08E-03 |
| CBLL1 | 0.14 | 5.12 | 2.97E-04 | 2.08E-03 |
| HEATR5B | -0.07 | -5.12 | 2.97E-04 | 2.08E-03 |
| EEF1D | 0.06 | 5.12 | 2.98E-04 | 2.08E-03 |
| PRR14L | -0.08 | -5.12 | 2.98E-04 | 2.08E-03 |
| LPCAT1 | 0.21 | 5.12 | 3.00E-04 | 2.09E-03 |
| ADRM1 | 0.12 | 5.11 | 3.03E-04 | 2.11E-03 |
| CYP2J2 | -0.33 | -5.11 | 3.04E-04 | 2.12E-03 |
| GPC4 | 0.32 | 5.11 | 3.06E-04 | 2.13E-03 |
| CORO6 | 0.58 | 5.11 | 3.06E-04 | 2.13E-03 |
| COX7B | 0.13 | 5.10 | 3.07E-04 | 2.13E-03 |
| GLIPR2 | 0.35 | 5.10 | 3.07E-04 | 2.13E-03 |
| STIMATE-MUSTN1 | 0.71 | 5.10 | 3.08E-04 | 2.14E-03 |
| MYH2 | 0.81 | 5.10 | 3.08E-04 | 2.14E-03 |
| CENPU | -0.20 | -5.10 | 3.09E-04 | 2.14E-03 |
| OSGEPL1 | -0.18 | -5.10 | 3.09E-04 | 2.14E-03 |
| SUCO | -0.14 | -5.10 | 3.10E-04 | 2.14E-03 |
| ATP2A1 | 0.64 | 5.10 | 3.10E-04 | 2.15E-03 |
| CYP2S1 | 0.22 | 5.10 | 3.10E-04 | 2.15E-03 |
| CECR2 | 0.56 | 5.10 | 3.11E-04 | 2.15E-03 |
| VPS9D1 | -0.20 | -5.09 | 3.11E-04 | 2.15E-03 |
| PITX2 | -0.44 | -5.09 | 3.11E-04 | 2.15E-03 |
| SRM | 0.19 | 5.09 | 3.12E-04 | 2.15E-03 |
| RGMB | -0.15 | -5.09 | 3.12E-04 | 2.15E-03 |
| LMBRD1 | -0.12 | -5.09 | 3.13E-04 | 2.16E-03 |
| BCL10 | -0.17 | -5.09 | 3.13E-04 | 2.16E-03 |
| MAZ | 0.12 | 5.09 | 3.13E-04 | 2.16E-03 |
| CLIC6 | -0.45 | -5.09 | 3.14E-04 | 2.16E-03 |
| YEATS2 | -0.06 | -5.09 | 3.15E-04 | 2.16E-03 |
| CDC42EP3 | 0.16 | 5.09 | 3.16E-04 | 2.17E-03 |
| LENG8 | -0.09 | -5.09 | 3.16E-04 | 2.17E-03 |
| ACKR3 | 0.47 | 5.08 | 3.16E-04 | 2.17E-03 |
| ACACB | 0.11 | 5.08 | 3.17E-04 | 2.18E-03 |
| SH3TC1 | -0.16 | -5.08 | 3.17E-04 | 2.18E-03 |
| UBQLN4 | 0.12 | 5.08 | 3.18E-04 | 2.18E-03 |
| MAPK1IP1L | 0.14 | 5.08 | 3.18E-04 | 2.18E-03 |
| OTUB1 | 0.08 | 5.08 | 3.19E-04 | 2.18E-03 |
| RIMBP2 | 0.43 | 5.08 | 3.19E-04 | 2.18E-03 |
| VKORC1L1 | 0.49 | 5.08 | 3.20E-04 | 2.19E-03 |
| REXO4 | 0.16 | 5.08 | 3.20E-04 | 2.19E-03 |
| SETMAR | -0.09 | -5.08 | 3.21E-04 | 2.20E-03 |
| CTSL | 0.22 | 5.07 | 3.21E-04 | 2.20E-03 |
| WFS1 | 0.22 | 5.07 | 3.21E-04 | 2.20E-03 |
| HIP1 | 0.13 | 5.07 | 3.23E-04 | 2.21E-03 |
| RNPS1 | 0.08 | 5.07 | 3.24E-04 | 2.21E-03 |
| SLC41A1 | 0.26 | 5.07 | 3.24E-04 | 2.21E-03 |
| ACVR2A | -0.11 | -5.07 | 3.24E-04 | 2.21E-03 |
| ACSS2 | 0.07 | 5.07 | 3.25E-04 | 2.21E-03 |
| ZHX3 | 0.10 | 5.07 | 3.26E-04 | 2.21E-03 |
| BBS4 | -0.14 | -5.07 | 3.26E-04 | 2.21E-03 |
| WDR37 | -0.11 | -5.07 | 3.25E-04 | 2.21E-03 |
| SH3BP1 | -0.18 | -5.07 | 3.25E-04 | 2.21E-03 |
| INPP5J | -0.31 | -5.07 | 3.26E-04 | 2.22E-03 |
| HLA-DRB1 | -0.20 | -5.06 | 3.26E-04 | 2.22E-03 |
| RUVBL2 | 0.10 | 5.06 | 3.27E-04 | 2.22E-03 |
| DOP1A | -0.08 | -5.06 | 3.27E-04 | 2.22E-03 |
| NFATC1 | 0.24 | 5.06 | 3.29E-04 | 2.24E-03 |
| MAP1LC3B | 0.11 | 5.06 | 3.31E-04 | 2.24E-03 |
| ADCY7 | -0.12 | -5.06 | 3.31E-04 | 2.24E-03 |
| TM9SF2 | -0.08 | -5.06 | 3.31E-04 | 2.24E-03 |
| SMAD4 | -0.11 | -5.06 | 3.31E-04 | 2.24E-03 |
| ATP2C1 | -0.07 | -5.05 | 3.32E-04 | 2.25E-03 |
| DES | 0.88 | 5.05 | 3.33E-04 | 2.25E-03 |
| RTL8C | 0.16 | 5.05 | 3.33E-04 | 2.25E-03 |
| SLCO5A1 | 0.26 | 5.05 | 3.34E-04 | 2.26E-03 |
| LY6K | 0.70 | 5.05 | 3.34E-04 | 2.26E-03 |
| PRRX2 | 0.39 | 5.05 | 3.35E-04 | 2.26E-03 |
| GRB10 | 0.15 | 5.05 | 3.36E-04 | 2.26E-03 |
| SP8 | 1.14 | 5.05 | 3.36E-04 | 2.26E-03 |
| GLCE | -0.19 | -5.05 | 3.37E-04 | 2.26E-03 |
| PPWD1 | -0.10 | -5.05 | 3.36E-04 | 2.26E-03 |
| AFMID | -0.25 | -5.05 | 3.36E-04 | 2.26E-03 |
| SLC38A2 | -0.07 | -5.05 | 3.36E-04 | 2.26E-03 |
| IGKV1-5 | 0.51 | 5.04 | 3.38E-04 | 2.27E-03 |
| GEMIN5 | 0.09 | 5.04 | 3.38E-04 | 2.27E-03 |
| RAD51 | -0.10 | -5.04 | 3.39E-04 | 2.28E-03 |
| YY1 | 0.09 | 5.04 | 3.40E-04 | 2.28E-03 |
| C1R | 0.09 | 5.04 | 3.41E-04 | 2.28E-03 |
| CHMP2B | -0.13 | -5.04 | 3.41E-04 | 2.28E-03 |
| ZNF138 | -0.28 | -5.04 | 3.40E-04 | 2.28E-03 |
| HSP90AB1 | 0.08 | 5.04 | 3.41E-04 | 2.29E-03 |
| CDH13 | 0.18 | 5.03 | 3.43E-04 | 2.30E-03 |
| CEPT1 | -0.16 | -5.03 | 3.45E-04 | 2.31E-03 |
| EPS8L2 | -0.10 | -5.03 | 3.45E-04 | 2.31E-03 |
| DYNC1LI2 | -0.08 | -5.03 | 3.46E-04 | 2.32E-03 |
| LMTK2 | 0.07 | 5.03 | 3.47E-04 | 2.32E-03 |
| AC022826.2 | -0.23 | -5.03 | 3.48E-04 | 2.32E-03 |
| CPPED1 | -0.24 | -5.02 | 3.49E-04 | 2.33E-03 |
| KDR | 0.08 | 5.02 | 3.50E-04 | 2.33E-03 |
| CAPN5 | -0.12 | -5.02 | 3.50E-04 | 2.34E-03 |
| OSGIN1 | 0.40 | 5.02 | 3.51E-04 | 2.34E-03 |
| MPDZ | 0.13 | 5.02 | 3.51E-04 | 2.34E-03 |
| LTBP2 | 0.15 | 5.02 | 3.52E-04 | 2.34E-03 |
| TBC1D2 | -0.09 | -5.02 | 3.53E-04 | 2.35E-03 |
| RBP1 | 0.36 | 5.02 | 3.53E-04 | 2.35E-03 |
| DTX3L | -0.08 | -5.02 | 3.53E-04 | 2.35E-03 |
| PLA2G4F | 0.10 | 5.01 | 3.55E-04 | 2.36E-03 |
| PFKM | 0.26 | 5.01 | 3.55E-04 | 2.36E-03 |
| ALDH2 | 0.09 | 5.01 | 3.56E-04 | 2.36E-03 |
| ZNF544 | -0.11 | -5.01 | 3.56E-04 | 2.37E-03 |
| ARFGAP2 | -0.10 | -5.01 | 3.57E-04 | 2.37E-03 |
| INTS2 | -0.12 | -5.01 | 3.58E-04 | 2.38E-03 |
| CD99L2 | 0.25 | 5.01 | 3.59E-04 | 2.38E-03 |
| COLGALT2 | 0.37 | 5.01 | 3.59E-04 | 2.38E-03 |
| SYBU | 0.17 | 5.00 | 3.61E-04 | 2.39E-03 |
| PJA2 | -0.13 | -5.00 | 3.61E-04 | 2.39E-03 |
| TSR2 | 0.18 | 5.00 | 3.62E-04 | 2.39E-03 |
| IDH2 | 0.08 | 5.00 | 3.62E-04 | 2.39E-03 |
| ANKRD13B | 0.35 | 5.00 | 3.62E-04 | 2.39E-03 |
| ZEB1 | 0.16 | 5.00 | 3.62E-04 | 2.39E-03 |
| DDX17 | -0.07 | -5.00 | 3.62E-04 | 2.39E-03 |
| PDZD2 | -0.08 | -5.00 | 3.65E-04 | 2.40E-03 |
| ZNF235 | -0.19 | -5.00 | 3.65E-04 | 2.40E-03 |
| BTAF1 | -0.08 | -5.00 | 3.65E-04 | 2.40E-03 |
| TPD52 | -0.21 | -5.00 | 3.64E-04 | 2.40E-03 |
| EFCAB13 | -0.24 | -4.99 | 3.66E-04 | 2.41E-03 |
| ROBO2 | -0.33 | -4.99 | 3.68E-04 | 2.42E-03 |
| MYO5A | 0.10 | 4.99 | 3.68E-04 | 2.42E-03 |
| CAVIN4 | 1.78 | 4.99 | 3.68E-04 | 2.42E-03 |
| GGA2 | -0.11 | -4.99 | 3.69E-04 | 2.42E-03 |
| SETD5 | -0.06 | -4.99 | 3.69E-04 | 2.42E-03 |
| FAM95C | -0.16 | -4.99 | 3.70E-04 | 2.43E-03 |
| TIFA | -0.21 | -4.99 | 3.71E-04 | 2.44E-03 |
| PPIB | 0.08 | 4.98 | 3.73E-04 | 2.44E-03 |
| PLEC | 0.07 | 4.98 | 3.73E-04 | 2.44E-03 |
| UXS1 | 0.07 | 4.98 | 3.74E-04 | 2.44E-03 |
| RUSC2 | 0.13 | 4.98 | 3.74E-04 | 2.44E-03 |
| LRRC15 | 0.41 | 4.98 | 3.74E-04 | 2.44E-03 |
| UBE2M | 0.16 | 4.98 | 3.74E-04 | 2.44E-03 |
| CNTNAP3 | -0.09 | -4.98 | 3.74E-04 | 2.44E-03 |
| DIXDC1 | 0.21 | 4.98 | 3.74E-04 | 2.45E-03 |
| FUBP3 | 0.09 | 4.97 | 3.77E-04 | 2.47E-03 |
| RILPL2 | 0.46 | 4.97 | 3.79E-04 | 2.47E-03 |
| COL4A4 | 0.44 | 4.97 | 3.79E-04 | 2.47E-03 |
| HELB | -0.23 | -4.97 | 3.80E-04 | 2.48E-03 |
| ALDH3A1 | 0.16 | 4.97 | 3.81E-04 | 2.48E-03 |
| ACOX3 | -0.09 | -4.97 | 3.81E-04 | 2.48E-03 |
| PANK3 | -0.13 | -4.97 | 3.81E-04 | 2.48E-03 |
| PRELID2 | -0.46 | -4.97 | 3.82E-04 | 2.48E-03 |
| COG7 | -0.11 | -4.97 | 3.82E-04 | 2.48E-03 |
| GAD1 | 0.57 | 4.97 | 3.82E-04 | 2.49E-03 |
| FAAH2 | -0.19 | -4.97 | 3.83E-04 | 2.49E-03 |
| MCCC2 | -0.06 | -4.96 | 3.84E-04 | 2.49E-03 |
| PNMA1 | 0.17 | 4.96 | 3.84E-04 | 2.50E-03 |
| TMA16 | -0.14 | -4.96 | 3.85E-04 | 2.50E-03 |
| SIPA1L2 | -0.10 | -4.96 | 3.86E-04 | 2.50E-03 |
| HIBADH | 0.10 | 4.96 | 3.86E-04 | 2.50E-03 |
| ATP2A2 | 0.09 | 4.96 | 3.86E-04 | 2.50E-03 |
| ZNF571 | -0.25 | -4.96 | 3.87E-04 | 2.51E-03 |
| FGF10 | 0.71 | 4.96 | 3.87E-04 | 2.51E-03 |
| CCDC59 | 0.16 | 4.96 | 3.89E-04 | 2.52E-03 |
| PNPLA2 | 0.16 | 4.95 | 3.90E-04 | 2.52E-03 |
| CHCHD3 | 0.18 | 4.95 | 3.90E-04 | 2.52E-03 |
| GPKOW | 0.14 | 4.95 | 3.91E-04 | 2.52E-03 |
| CIZ1 | 0.07 | 4.95 | 3.91E-04 | 2.52E-03 |
| AC092161.1 | -0.30 | -4.95 | 3.91E-04 | 2.52E-03 |
| NPAT | -0.08 | -4.95 | 3.91E-04 | 2.52E-03 |
| LTO1 | -0.13 | -4.95 | 3.91E-04 | 2.52E-03 |
| TTC22 | -0.10 | -4.95 | 3.92E-04 | 2.53E-03 |
| IQCB1 | -0.13 | -4.95 | 3.92E-04 | 2.53E-03 |
| MYO15B | -0.09 | -4.95 | 3.92E-04 | 2.53E-03 |
| ZNF93 | -0.59 | -4.95 | 3.93E-04 | 2.53E-03 |
| C1orf43 | 0.08 | 4.95 | 3.94E-04 | 2.53E-03 |
| OAZ1 | 0.06 | 4.95 | 3.94E-04 | 2.53E-03 |
| RRAS2 | 0.17 | 4.95 | 3.95E-04 | 2.54E-03 |
| IGHV4-39 | 0.62 | 4.95 | 3.96E-04 | 2.54E-03 |
| GSTO2 | -0.16 | -4.94 | 3.97E-04 | 2.55E-03 |
| HSPA5 | 0.07 | 4.94 | 3.98E-04 | 2.55E-03 |
| GNG11 | 0.35 | 4.94 | 3.98E-04 | 2.55E-03 |
| PDGFA | 0.53 | 4.94 | 3.98E-04 | 2.55E-03 |
| AGAP6 | -0.07 | -4.94 | 3.99E-04 | 2.56E-03 |
| MSANTD2 | -0.20 | -4.94 | 3.99E-04 | 2.56E-03 |
| SARS | 0.11 | 4.94 | 4.02E-04 | 2.57E-03 |
| SELE | 0.25 | 4.94 | 4.02E-04 | 2.57E-03 |
| NEDD4L | -0.21 | -4.94 | 4.02E-04 | 2.57E-03 |
| AKAP6 | 0.28 | 4.93 | 4.03E-04 | 2.58E-03 |
| VAMP5 | 0.42 | 4.93 | 4.03E-04 | 2.58E-03 |
| POLQ | -0.18 | -4.93 | 4.03E-04 | 2.58E-03 |
| LGALS1 | 0.15 | 4.93 | 4.04E-04 | 2.58E-03 |
| STAC3 | 0.52 | 4.93 | 4.04E-04 | 2.58E-03 |
| LNX2 | -0.15 | -4.93 | 4.04E-04 | 2.58E-03 |
| MB | 1.05 | 4.93 | 4.05E-04 | 2.58E-03 |
| HPS5 | -0.18 | -4.93 | 4.07E-04 | 2.59E-03 |
| TMBIM6 | -0.09 | -4.93 | 4.09E-04 | 2.60E-03 |
| TFB1M | -0.23 | -4.93 | 4.09E-04 | 2.60E-03 |
| RALY | 0.08 | 4.92 | 4.10E-04 | 2.61E-03 |
| HPRT1 | 0.17 | 4.92 | 4.12E-04 | 2.62E-03 |
| DLG2 | -0.48 | -4.92 | 4.12E-04 | 2.62E-03 |
| FZD6 | -0.10 | -4.92 | 4.12E-04 | 2.62E-03 |
| OTUD7B | 0.10 | 4.92 | 4.14E-04 | 2.63E-03 |
| ENPP1 | 0.37 | 4.92 | 4.14E-04 | 2.63E-03 |
| CAMSAP2 | 0.13 | 4.92 | 4.15E-04 | 2.63E-03 |
| ANO1 | 0.20 | 4.92 | 4.16E-04 | 2.64E-03 |
| TM4SF1 | -0.11 | -4.91 | 4.17E-04 | 2.64E-03 |
| MAPK8 | -0.11 | -4.91 | 4.19E-04 | 2.66E-03 |
| MBP | 0.10 | 4.91 | 4.20E-04 | 2.66E-03 |
| RNF150 | 0.28 | 4.91 | 4.21E-04 | 2.67E-03 |
| PGM5 | 0.19 | 4.91 | 4.22E-04 | 2.67E-03 |
| HACE1 | -0.13 | -4.90 | 4.23E-04 | 2.67E-03 |
| CHPT1 | -0.24 | -4.90 | 4.23E-04 | 2.67E-03 |
| PTPRM | 0.11 | 4.90 | 4.24E-04 | 2.68E-03 |
| SIK3 | 0.07 | 4.90 | 4.24E-04 | 2.68E-03 |
| CSRP1 | 0.18 | 4.90 | 4.25E-04 | 2.68E-03 |
| UBXN1 | 0.11 | 4.90 | 4.26E-04 | 2.69E-03 |
| AC245033.1 | 0.12 | 4.90 | 4.26E-04 | 2.69E-03 |
| TMEM220 | -0.37 | -4.90 | 4.27E-04 | 2.69E-03 |
| LDB1 | -0.07 | -4.90 | 4.28E-04 | 2.70E-03 |
| ALDH1A1 | 0.27 | 4.90 | 4.29E-04 | 2.70E-03 |
| PIK3C2G | -0.17 | -4.89 | 4.31E-04 | 2.71E-03 |
| CH25H | -0.27 | -4.89 | 4.31E-04 | 2.71E-03 |
| ACTA1 | 0.84 | 4.89 | 4.32E-04 | 2.71E-03 |
| ZNF160 | -0.22 | -4.89 | 4.32E-04 | 2.71E-03 |
| C5 | -0.11 | -4.89 | 4.33E-04 | 2.72E-03 |
| CARM1 | 0.10 | 4.89 | 4.34E-04 | 2.72E-03 |
| RTL1 | 0.52 | 4.89 | 4.35E-04 | 2.73E-03 |
| EFNA5 | -0.15 | -4.89 | 4.36E-04 | 2.74E-03 |
| MASP2 | -0.24 | -4.88 | 4.39E-04 | 2.76E-03 |
| NUP54 | -0.11 | -4.88 | 4.40E-04 | 2.76E-03 |
| RASSF10 | 0.37 | 4.88 | 4.40E-04 | 2.76E-03 |
| WIPI2 | 0.10 | 4.88 | 4.40E-04 | 2.76E-03 |
| HIST1H1E | 0.08 | 4.88 | 4.41E-04 | 2.76E-03 |
| CSNK2A2 | 0.10 | 4.88 | 4.41E-04 | 2.76E-03 |
| NR1D2 | -0.22 | -4.88 | 4.43E-04 | 2.77E-03 |
| FABP3 | 0.97 | 4.88 | 4.43E-04 | 2.77E-03 |
| SNF8 | 0.08 | 4.88 | 4.43E-04 | 2.77E-03 |
| AVIL | -0.10 | -4.88 | 4.44E-04 | 2.77E-03 |
| ZNF717 | -0.32 | -4.87 | 4.44E-04 | 2.77E-03 |
| SRGAP2B | 0.24 | 4.87 | 4.46E-04 | 2.78E-03 |
| SURF6 | 0.17 | 4.87 | 4.46E-04 | 2.78E-03 |
| NXPE3 | 0.33 | 4.87 | 4.47E-04 | 2.79E-03 |
| ILF2 | 0.07 | 4.87 | 4.47E-04 | 2.79E-03 |
| DENND2A | 0.36 | 4.87 | 4.49E-04 | 2.80E-03 |
| SERPINB8 | 0.15 | 4.87 | 4.50E-04 | 2.80E-03 |
| PPFIBP2 | -0.11 | -4.87 | 4.49E-04 | 2.80E-03 |
| S100A1 | 0.61 | 4.87 | 4.50E-04 | 2.80E-03 |
| RPS6KB2 | 0.14 | 4.87 | 4.51E-04 | 2.80E-03 |
| C2CD2 | 0.22 | 4.87 | 4.51E-04 | 2.80E-03 |
| TOPBP1 | -0.09 | -4.87 | 4.51E-04 | 2.80E-03 |
| TTC14 | -0.12 | -4.86 | 4.51E-04 | 2.80E-03 |
| EIF3D | 0.07 | 4.86 | 4.52E-04 | 2.80E-03 |
| MASP1 | 0.36 | 4.86 | 4.52E-04 | 2.80E-03 |
| PCBD1 | 0.20 | 4.86 | 4.52E-04 | 2.80E-03 |
| C1QA | 0.21 | 4.86 | 4.53E-04 | 2.80E-03 |
| TUBB2A | 0.13 | 4.86 | 4.53E-04 | 2.80E-03 |
| IKZF5 | -0.08 | -4.86 | 4.54E-04 | 2.81E-03 |
| ABRA | 1.33 | 4.86 | 4.55E-04 | 2.82E-03 |
| DIPK2A | -0.17 | -4.86 | 4.56E-04 | 2.82E-03 |
| ARHGEF40 | 0.11 | 4.86 | 4.58E-04 | 2.83E-03 |
| SLC25A28 | 0.10 | 4.85 | 4.60E-04 | 2.84E-03 |
| ZYX | 0.15 | 4.85 | 4.61E-04 | 2.84E-03 |
| ALAS2 | -0.54 | -4.85 | 4.61E-04 | 2.84E-03 |
| TRANK1 | -0.10 | -4.85 | 4.61E-04 | 2.84E-03 |
| LEF1 | 0.26 | 4.85 | 4.62E-04 | 2.85E-03 |
| RFX3 | 0.15 | 4.85 | 4.63E-04 | 2.85E-03 |
| AL022238.4 | -0.11 | -4.85 | 4.62E-04 | 2.85E-03 |
| ZNF577 | -0.31 | -4.85 | 4.64E-04 | 2.85E-03 |
| NPIPB9 | -0.23 | -4.85 | 4.64E-04 | 2.85E-03 |
| ZNF112 | -0.27 | -4.85 | 4.64E-04 | 2.85E-03 |
| TLK2 | -0.10 | -4.85 | 4.64E-04 | 2.85E-03 |
| C4orf54 | 1.74 | 4.84 | 4.66E-04 | 2.87E-03 |
| MTF2 | -0.15 | -4.84 | 4.67E-04 | 2.87E-03 |
| AJUBA | -0.14 | -4.84 | 4.67E-04 | 2.87E-03 |
| CDC16 | -0.11 | -4.84 | 4.68E-04 | 2.87E-03 |
| DUOX1 | -0.08 | -4.84 | 4.69E-04 | 2.88E-03 |
| CRLF3 | -0.11 | -4.84 | 4.69E-04 | 2.88E-03 |
| EPG5 | -0.06 | -4.84 | 4.69E-04 | 2.88E-03 |
| PLCXD1 | 0.23 | 4.84 | 4.70E-04 | 2.88E-03 |
| DDB2 | -0.09 | -4.84 | 4.70E-04 | 2.88E-03 |
| ZNF875 | -0.16 | -4.84 | 4.70E-04 | 2.88E-03 |
| FOXE1 | -0.32 | -4.84 | 4.71E-04 | 2.88E-03 |
| SORD | -0.10 | -4.84 | 4.71E-04 | 2.88E-03 |
| ZFP14 | -0.29 | -4.84 | 4.71E-04 | 2.88E-03 |
| PTK2B | 0.11 | 4.84 | 4.72E-04 | 2.88E-03 |
| PLEKHM1 | -0.10 | -4.83 | 4.75E-04 | 2.90E-03 |
| MZF1 | -0.17 | -4.83 | 4.75E-04 | 2.90E-03 |
| SCN4A | 1.00 | 4.83 | 4.76E-04 | 2.90E-03 |
| CCL21 | 0.38 | 4.83 | 4.81E-04 | 2.93E-03 |
| CUL9 | -0.10 | -4.83 | 4.81E-04 | 2.93E-03 |
| MYADM | 0.25 | 4.82 | 4.82E-04 | 2.94E-03 |
| HNRNPAB | 0.12 | 4.82 | 4.83E-04 | 2.94E-03 |
| LAP3 | 0.08 | 4.82 | 4.83E-04 | 2.94E-03 |
| EIF2B2 | 0.11 | 4.82 | 4.83E-04 | 2.94E-03 |
| ARHGAP21 | 0.07 | 4.82 | 4.83E-04 | 2.94E-03 |
| VPS13A | -0.07 | -4.82 | 4.84E-04 | 2.94E-03 |
| NKTR | -0.13 | -4.82 | 4.85E-04 | 2.94E-03 |
| DDRGK1 | 0.10 | 4.82 | 4.89E-04 | 2.97E-03 |
| RSPRY1 | -0.10 | -4.82 | 4.89E-04 | 2.97E-03 |
| ABCA13 | -0.37 | -4.81 | 4.90E-04 | 2.97E-03 |
| MTLN | 0.70 | 4.81 | 4.91E-04 | 2.97E-03 |
| GOLGA6L10 | -0.41 | -4.81 | 4.91E-04 | 2.97E-03 |
| TMTC2 | -0.07 | -4.81 | 4.92E-04 | 2.98E-03 |
| SH2D2A | 0.30 | 4.81 | 4.95E-04 | 2.99E-03 |
| ATP5MF-PTCD1 | 0.15 | 4.81 | 4.96E-04 | 3.00E-03 |
| TWIST2 | 0.51 | 4.81 | 4.96E-04 | 3.00E-03 |
| CDK11B | 0.13 | 4.81 | 4.97E-04 | 3.00E-03 |
| MAML3 | -0.14 | -4.81 | 4.97E-04 | 3.00E-03 |
| SFR1 | -0.22 | -4.81 | 4.96E-04 | 3.00E-03 |
| ACTA2 | 0.22 | 4.81 | 4.97E-04 | 3.00E-03 |
| CDKN3 | 0.29 | 4.81 | 4.97E-04 | 3.00E-03 |
| YWHAQ | 0.07 | 4.80 | 4.99E-04 | 3.01E-03 |
| MYL3 | 1.53 | 4.80 | 5.00E-04 | 3.02E-03 |
| PLXNB2 | -0.08 | -4.80 | 5.01E-04 | 3.02E-03 |
| ADAM33 | 0.16 | 4.80 | 5.02E-04 | 3.02E-03 |
| CYTH4 | 0.22 | 4.80 | 5.02E-04 | 3.02E-03 |
| TGFBI | 0.08 | 4.80 | 5.03E-04 | 3.02E-03 |
| BCAP31 | 0.10 | 4.80 | 5.03E-04 | 3.03E-03 |
| KLF10 | 0.11 | 4.80 | 5.05E-04 | 3.04E-03 |
| CDK5 | 0.22 | 4.79 | 5.09E-04 | 3.06E-03 |
| AHNAK | -0.07 | -4.79 | 5.09E-04 | 3.06E-03 |
| GPD2 | -0.08 | -4.79 | 5.10E-04 | 3.06E-03 |
| GEN1 | -0.13 | -4.79 | 5.10E-04 | 3.06E-03 |
| NIPA2 | -0.13 | -4.79 | 5.11E-04 | 3.06E-03 |
| PLAAT3 | 0.55 | 4.79 | 5.12E-04 | 3.07E-03 |
| POLR2J | 0.16 | 4.79 | 5.12E-04 | 3.07E-03 |
| DYRK2 | 0.07 | 4.79 | 5.12E-04 | 3.07E-03 |
| UPK1A | -0.08 | -4.79 | 5.13E-04 | 3.07E-03 |
| ZNF331 | -0.32 | -4.79 | 5.12E-04 | 3.07E-03 |
| TRIO | 0.07 | 4.78 | 5.18E-04 | 3.10E-03 |
| TAP2 | 0.17 | 4.78 | 5.19E-04 | 3.10E-03 |
| CNFN | -0.13 | -4.78 | 5.19E-04 | 3.10E-03 |
| SGIP1 | 0.52 | 4.78 | 5.21E-04 | 3.11E-03 |
| TMPRSS11F | -0.37 | -4.78 | 5.21E-04 | 3.11E-03 |
| SPCS2 | -0.11 | -4.78 | 5.22E-04 | 3.12E-03 |
| USP54 | -0.13 | -4.77 | 5.24E-04 | 3.12E-03 |
| RBMX2 | 0.17 | 4.77 | 5.24E-04 | 3.13E-03 |
| NECTIN1 | -0.09 | -4.77 | 5.24E-04 | 3.13E-03 |
| SIX1 | 0.55 | 4.77 | 5.25E-04 | 3.13E-03 |
| UHRF2 | -0.08 | -4.77 | 5.26E-04 | 3.14E-03 |
| CPA3 | 0.14 | 4.77 | 5.29E-04 | 3.15E-03 |
| LAMB1 | 0.06 | 4.77 | 5.29E-04 | 3.15E-03 |
| SUPT20H | -0.12 | -4.77 | 5.29E-04 | 3.15E-03 |
| MAST4 | -0.08 | -4.77 | 5.31E-04 | 3.16E-03 |
| SEC23IP | -0.08 | -4.77 | 5.31E-04 | 3.16E-03 |
| MDM4 | -0.11 | -4.76 | 5.32E-04 | 3.16E-03 |
| C11orf98 | 0.36 | 4.76 | 5.33E-04 | 3.16E-03 |
| TOP1MT | 0.16 | 4.76 | 5.34E-04 | 3.17E-03 |
| GNL3L | 0.10 | 4.76 | 5.36E-04 | 3.18E-03 |
| MLH3 | -0.09 | -4.76 | 5.37E-04 | 3.18E-03 |
| TUBGCP6 | -0.10 | -4.76 | 5.37E-04 | 3.18E-03 |
| FAM171A1 | 0.25 | 4.76 | 5.38E-04 | 3.19E-03 |
| PLOD3 | 0.19 | 4.76 | 5.38E-04 | 3.19E-03 |
| MYH7 | 0.89 | 4.76 | 5.39E-04 | 3.19E-03 |
| SP2 | 0.15 | 4.76 | 5.39E-04 | 3.19E-03 |
| PDCD4 | -0.13 | -4.76 | 5.38E-04 | 3.19E-03 |
| HNRNPH2 | 0.10 | 4.76 | 5.40E-04 | 3.19E-03 |
| ABCD3 | -0.10 | -4.75 | 5.41E-04 | 3.20E-03 |
| KRT18 | -0.13 | -4.75 | 5.41E-04 | 3.20E-03 |
| SMPD1 | 0.11 | 4.75 | 5.42E-04 | 3.20E-03 |
| RORA | -0.07 | -4.75 | 5.43E-04 | 3.20E-03 |
| CCDC136 | 0.29 | 4.75 | 5.45E-04 | 3.21E-03 |
| CHRDL1 | 0.24 | 4.75 | 5.47E-04 | 3.23E-03 |
| RCOR3 | -0.08 | -4.75 | 5.48E-04 | 3.23E-03 |
| TRAF7 | 0.07 | 4.75 | 5.49E-04 | 3.23E-03 |
| FGFBP1 | 0.11 | 4.74 | 5.50E-04 | 3.24E-03 |
| EBF3 | 0.29 | 4.74 | 5.52E-04 | 3.25E-03 |
| CLSTN2 | 0.64 | 4.74 | 5.53E-04 | 3.25E-03 |
| IBTK | -0.12 | -4.74 | 5.54E-04 | 3.26E-03 |
| C1QTNF2 | 0.56 | 4.74 | 5.55E-04 | 3.26E-03 |
| SLC25A23 | -0.13 | -4.74 | 5.55E-04 | 3.26E-03 |
| POGZ | -0.07 | -4.74 | 5.55E-04 | 3.26E-03 |
| ZGRF1 | -0.08 | -4.74 | 5.57E-04 | 3.27E-03 |
| RASSF9 | 0.26 | 4.74 | 5.58E-04 | 3.27E-03 |
| FBLN5 | -0.06 | -4.74 | 5.58E-04 | 3.27E-03 |
| ADAMTS14 | 0.24 | 4.73 | 5.59E-04 | 3.28E-03 |
| RPL38 | 0.17 | 4.73 | 5.59E-04 | 3.28E-03 |
| RELN | 0.22 | 4.73 | 5.59E-04 | 3.28E-03 |
| FLVCR2 | 0.24 | 4.73 | 5.60E-04 | 3.28E-03 |
| ORMDL2 | 0.10 | 4.73 | 5.62E-04 | 3.29E-03 |
| CBR1 | 0.11 | 4.73 | 5.62E-04 | 3.29E-03 |
| ASNA1 | 0.12 | 4.73 | 5.63E-04 | 3.29E-03 |
| PITPNA | -0.19 | -4.73 | 5.64E-04 | 3.29E-03 |
| CEP57 | -0.12 | -4.73 | 5.64E-04 | 3.30E-03 |
| COX5A | 0.13 | 4.73 | 5.66E-04 | 3.30E-03 |
| MTERF2 | -0.13 | -4.73 | 5.65E-04 | 3.30E-03 |
| DAPK2 | -0.43 | -4.73 | 5.67E-04 | 3.31E-03 |
| PCDHGB7 | -0.11 | -4.72 | 5.68E-04 | 3.31E-03 |
| GIMAP7 | 0.19 | 4.72 | 5.70E-04 | 3.32E-03 |
| CCDC50 | -0.11 | -4.72 | 5.70E-04 | 3.32E-03 |
| PRKAG1 | 0.08 | 4.72 | 5.73E-04 | 3.33E-03 |
| ZNF518A | -0.15 | -4.72 | 5.73E-04 | 3.33E-03 |
| CASD1 | -0.15 | -4.72 | 5.75E-04 | 3.34E-03 |
| RAD51AP1 | -0.22 | -4.72 | 5.76E-04 | 3.35E-03 |
| MAP2K5 | -0.12 | -4.72 | 5.76E-04 | 3.35E-03 |
| VPS37A | 0.06 | 4.72 | 5.77E-04 | 3.35E-03 |
| KCNN3 | 0.34 | 4.71 | 5.78E-04 | 3.36E-03 |
| PLXND1 | 0.11 | 4.71 | 5.79E-04 | 3.36E-03 |
| RNASEH2A | 0.11 | 4.71 | 5.81E-04 | 3.37E-03 |
| DAB2IP | 0.10 | 4.71 | 5.81E-04 | 3.37E-03 |
| VPS54 | -0.09 | -4.71 | 5.82E-04 | 3.37E-03 |
| APOL1 | -0.07 | -4.71 | 5.82E-04 | 3.37E-03 |
| TRPM1 | -0.26 | -4.71 | 5.83E-04 | 3.38E-03 |
| BOP1 | 0.16 | 4.71 | 5.83E-04 | 3.38E-03 |
| NIPA1 | -0.23 | -4.71 | 5.84E-04 | 3.38E-03 |
| SPRYD3 | 0.09 | 4.71 | 5.84E-04 | 3.38E-03 |
| KLHL9 | -0.14 | -4.71 | 5.84E-04 | 3.38E-03 |
| C21orf91 | 0.15 | 4.71 | 5.85E-04 | 3.38E-03 |
| SLC30A7 | -0.15 | -4.71 | 5.85E-04 | 3.38E-03 |
| TPI1 | 0.06 | 4.71 | 5.87E-04 | 3.39E-03 |
| SIGLEC1 | 0.38 | 4.70 | 5.89E-04 | 3.40E-03 |
| NGRN | 0.11 | 4.70 | 5.89E-04 | 3.40E-03 |
| ATP5MPL | -0.08 | -4.70 | 5.90E-04 | 3.40E-03 |
| HNRNPDL | -0.10 | -4.70 | 5.93E-04 | 3.42E-03 |
| XRN1 | -0.08 | -4.70 | 5.94E-04 | 3.42E-03 |
| MAF | -0.11 | -4.70 | 5.94E-04 | 3.42E-03 |
| ACER1 | 0.51 | 4.70 | 5.95E-04 | 3.43E-03 |
| RPGRIP1L | -0.06 | -4.70 | 5.96E-04 | 3.43E-03 |
| MYO1D | -0.09 | -4.70 | 5.96E-04 | 3.43E-03 |
| NONO | 0.08 | 4.70 | 5.96E-04 | 3.43E-03 |
| POLR3G | 0.41 | 4.69 | 5.97E-04 | 3.43E-03 |
| FNDC3A | -0.08 | -4.69 | 5.98E-04 | 3.44E-03 |
| FAM43A | 0.21 | 4.69 | 6.01E-04 | 3.45E-03 |
| CALM2 | -0.07 | -4.69 | 6.01E-04 | 3.45E-03 |
| NMRK1 | -0.13 | -4.69 | 6.01E-04 | 3.45E-03 |
| USP4 | -0.08 | -4.69 | 6.02E-04 | 3.45E-03 |
| TRIM13 | -0.18 | -4.69 | 6.02E-04 | 3.45E-03 |
| LMNA | 0.08 | 4.69 | 6.05E-04 | 3.47E-03 |
| PPP2R5B | 0.15 | 4.69 | 6.06E-04 | 3.47E-03 |
| SLC9A1 | 0.14 | 4.68 | 6.07E-04 | 3.48E-03 |
| PKD1 | -0.11 | -4.68 | 6.08E-04 | 3.48E-03 |
| MTAP | -0.10 | -4.68 | 6.09E-04 | 3.48E-03 |
| PPP5C | 0.09 | 4.68 | 6.10E-04 | 3.49E-03 |
| MLANA | -0.27 | -4.68 | 6.13E-04 | 3.50E-03 |
| RASL12 | 0.61 | 4.68 | 6.14E-04 | 3.51E-03 |
| ARL6IP6 | -0.21 | -4.68 | 6.15E-04 | 3.51E-03 |
| TUBA1A | 0.07 | 4.67 | 6.17E-04 | 3.52E-03 |
| ZNF439 | -0.49 | -4.67 | 6.18E-04 | 3.52E-03 |
| HEBP2 | -0.15 | -4.67 | 6.18E-04 | 3.53E-03 |
| PINK1 | 0.09 | 4.67 | 6.20E-04 | 3.53E-03 |
| AAR2 | -0.09 | -4.67 | 6.20E-04 | 3.53E-03 |
| UBE4B | -0.06 | -4.67 | 6.22E-04 | 3.54E-03 |
| SQLE | 0.14 | 4.67 | 6.22E-04 | 3.54E-03 |
| TRAPPC11 | -0.08 | -4.67 | 6.26E-04 | 3.56E-03 |
| FCER1G | -0.11 | -4.67 | 6.26E-04 | 3.56E-03 |
| PHKA2 | -0.11 | -4.67 | 6.27E-04 | 3.56E-03 |
| CBX4 | 0.11 | 4.66 | 6.29E-04 | 3.57E-03 |
| RPS26 | 0.13 | 4.66 | 6.29E-04 | 3.57E-03 |
| FADS1 | 0.29 | 4.66 | 6.30E-04 | 3.58E-03 |
| TNNC2 | 1.54 | 4.66 | 6.33E-04 | 3.59E-03 |
| PUF60 | 0.10 | 4.66 | 6.33E-04 | 3.59E-03 |
| C2orf74 | 0.84 | 4.66 | 6.34E-04 | 3.59E-03 |
| TLR4 | 0.20 | 4.66 | 6.34E-04 | 3.59E-03 |
| TCEAL4 | 0.19 | 4.66 | 6.35E-04 | 3.60E-03 |
| MORC3 | -0.12 | -4.66 | 6.36E-04 | 3.60E-03 |
| SGSH | -0.19 | -4.66 | 6.36E-04 | 3.60E-03 |
| HSD17B7 | -0.16 | -4.66 | 6.36E-04 | 3.60E-03 |
| CDC26 | 0.16 | 4.66 | 6.38E-04 | 3.61E-03 |
| BPGM | 0.18 | 4.65 | 6.38E-04 | 3.61E-03 |
| GLI3 | 0.09 | 4.65 | 6.41E-04 | 3.62E-03 |
| PRR13 | 0.11 | 4.65 | 6.42E-04 | 3.62E-03 |
| MANF | 0.16 | 4.65 | 6.42E-04 | 3.62E-03 |
| SLC10A6 | 0.31 | 4.65 | 6.43E-04 | 3.62E-03 |
| TFPI | 0.20 | 4.65 | 6.43E-04 | 3.62E-03 |
| ELF2 | -0.07 | -4.65 | 6.43E-04 | 3.62E-03 |
| GVQW3 | -0.12 | -4.65 | 6.42E-04 | 3.62E-03 |
| INO80D | -0.07 | -4.65 | 6.42E-04 | 3.62E-03 |
| ZNF586 | -0.18 | -4.65 | 6.42E-04 | 3.62E-03 |
| MIOS | -0.10 | -4.65 | 6.44E-04 | 3.62E-03 |
| DTD1 | -0.09 | -4.65 | 6.44E-04 | 3.62E-03 |
| HES1 | -0.21 | -4.65 | 6.45E-04 | 3.63E-03 |
| HELQ | -0.17 | -4.65 | 6.45E-04 | 3.63E-03 |
| DAPP1 | -0.23 | -4.65 | 6.47E-04 | 3.64E-03 |
| SPATA5L1 | -0.12 | -4.64 | 6.49E-04 | 3.64E-03 |
| BEST3 | 0.71 | 4.64 | 6.49E-04 | 3.65E-03 |
| ZFYVE21 | -0.16 | -4.64 | 6.51E-04 | 3.66E-03 |
| NCL | 0.10 | 4.64 | 6.52E-04 | 3.66E-03 |
| RHD | -0.60 | -4.64 | 6.53E-04 | 3.66E-03 |
| PGRMC1 | 0.15 | 4.64 | 6.54E-04 | 3.66E-03 |
| LARP1 | 0.07 | 4.64 | 6.55E-04 | 3.67E-03 |
| PDCD11 | 0.07 | 4.64 | 6.56E-04 | 3.67E-03 |
| MYH1 | 0.96 | 4.64 | 6.57E-04 | 3.68E-03 |
| HIST1H3E | -0.10 | -4.64 | 6.58E-04 | 3.68E-03 |
| AC010605.3 | 0.27 | 4.64 | 6.59E-04 | 3.69E-03 |
| AC010605.1 | 0.27 | 4.64 | 6.59E-04 | 3.69E-03 |
| TENT2 | -0.12 | -4.63 | 6.62E-04 | 3.70E-03 |
| IAH1 | 0.10 | 4.63 | 6.64E-04 | 3.71E-03 |
| SELENOH | -0.12 | -4.63 | 6.67E-04 | 3.72E-03 |
| ANAPC15 | 0.36 | 4.62 | 6.72E-04 | 3.75E-03 |
| SMC5 | -0.10 | -4.62 | 6.74E-04 | 3.76E-03 |
| ZNF140 | -0.16 | -4.62 | 6.74E-04 | 3.76E-03 |
| IZUMO2 | -0.15 | -4.62 | 6.75E-04 | 3.76E-03 |
| ZDHHC2 | 0.26 | 4.62 | 6.76E-04 | 3.77E-03 |
| TLK1 | 0.09 | 4.62 | 6.77E-04 | 3.77E-03 |
| PJA1 | 0.13 | 4.62 | 6.78E-04 | 3.77E-03 |
| FBXO7 | -0.08 | -4.62 | 6.78E-04 | 3.77E-03 |
| RABGAP1L | -0.09 | -4.62 | 6.78E-04 | 3.77E-03 |
| CAMK1D | -0.12 | -4.62 | 6.81E-04 | 3.79E-03 |
| TBX6 | -0.26 | -4.62 | 6.82E-04 | 3.79E-03 |
| EXO1 | 0.18 | 4.61 | 6.82E-04 | 3.79E-03 |
| DDR2 | 0.14 | 4.61 | 6.85E-04 | 3.80E-03 |
| IMPDH2 | 0.06 | 4.61 | 6.87E-04 | 3.81E-03 |
| PARP4 | -0.06 | -4.61 | 6.87E-04 | 3.81E-03 |
| CLK4 | -0.10 | -4.61 | 6.86E-04 | 3.81E-03 |
| ITPRID2 | 0.09 | 4.61 | 6.90E-04 | 3.82E-03 |
| CABIN1 | -0.06 | -4.61 | 6.90E-04 | 3.82E-03 |
| WASHC1 | -0.07 | -4.61 | 6.92E-04 | 3.83E-03 |
| INF2 | 0.11 | 4.61 | 6.93E-04 | 3.83E-03 |
| ADAMTS5 | 0.45 | 4.61 | 6.93E-04 | 3.83E-03 |
| MYO10 | 0.07 | 4.60 | 6.95E-04 | 3.84E-03 |
| ZNF880 | -0.31 | -4.60 | 6.95E-04 | 3.84E-03 |
| ATP10D | -0.12 | -4.60 | 6.96E-04 | 3.84E-03 |
| THSD1 | 0.11 | 4.60 | 6.96E-04 | 3.85E-03 |
| ZMYM4 | -0.10 | -4.60 | 6.98E-04 | 3.85E-03 |
| TCAP | 1.21 | 4.60 | 6.99E-04 | 3.86E-03 |
| PTK6 | -0.12 | -4.60 | 6.99E-04 | 3.86E-03 |
| RERGL | 0.39 | 4.60 | 7.00E-04 | 3.86E-03 |
| ADD3 | -0.10 | -4.60 | 7.02E-04 | 3.87E-03 |
| FAM199X | 0.10 | 4.60 | 7.03E-04 | 3.87E-03 |
| PSMG2 | -0.10 | -4.60 | 7.03E-04 | 3.87E-03 |
| ISG20L2 | 0.13 | 4.60 | 7.03E-04 | 3.87E-03 |
| CARNMT1 | -0.10 | -4.60 | 7.03E-04 | 3.87E-03 |
| MYLPF | 1.29 | 4.59 | 7.06E-04 | 3.88E-03 |
| ST5 | -0.14 | -4.59 | 7.08E-04 | 3.89E-03 |
| OLFML2B | 0.25 | 4.59 | 7.12E-04 | 3.91E-03 |
| IDH3G | 0.11 | 4.59 | 7.13E-04 | 3.92E-03 |
| NT5C3B | 0.15 | 4.59 | 7.13E-04 | 3.92E-03 |
| ICA1L | -0.27 | -4.59 | 7.14E-04 | 3.92E-03 |
| SSRP1 | 0.07 | 4.58 | 7.19E-04 | 3.94E-03 |
| PARD3B | -0.09 | -4.58 | 7.20E-04 | 3.94E-03 |
| ZNF221 | -0.41 | -4.58 | 7.19E-04 | 3.94E-03 |
| PLS1 | -0.40 | -4.58 | 7.19E-04 | 3.94E-03 |
| GRN | -0.08 | -4.58 | 7.19E-04 | 3.94E-03 |
| ELF1 | -0.07 | -4.58 | 7.21E-04 | 3.95E-03 |
| PAN2 | -0.09 | -4.58 | 7.21E-04 | 3.95E-03 |
| ELF3 | -0.19 | -4.58 | 7.23E-04 | 3.95E-03 |
| USP37 | -0.14 | -4.58 | 7.23E-04 | 3.95E-03 |
| SNX24 | -0.20 | -4.58 | 7.24E-04 | 3.96E-03 |
| TNFRSF19 | -0.23 | -4.58 | 7.24E-04 | 3.96E-03 |
| AC026470.1 | -0.07 | -4.58 | 7.26E-04 | 3.96E-03 |
| SH3PXD2A | -0.06 | -4.58 | 7.27E-04 | 3.97E-03 |
| YBX3 | 0.08 | 4.58 | 7.28E-04 | 3.97E-03 |
| CRIM1 | 0.06 | 4.57 | 7.31E-04 | 3.99E-03 |
| PARK7 | 0.11 | 4.57 | 7.32E-04 | 3.99E-03 |
| HDHD2 | -0.16 | -4.57 | 7.34E-04 | 4.00E-03 |
| CYB5R2 | 0.09 | 4.57 | 7.36E-04 | 4.01E-03 |
| HEY1 | 0.51 | 4.57 | 7.37E-04 | 4.01E-03 |
| ZNF283 | -0.09 | -4.57 | 7.37E-04 | 4.01E-03 |
| MYH11 | 0.22 | 4.57 | 7.39E-04 | 4.02E-03 |
| IPO4 | 0.12 | 4.57 | 7.41E-04 | 4.03E-03 |
| LAS1L | 0.14 | 4.56 | 7.42E-04 | 4.03E-03 |
| ZNF568 | -0.26 | -4.56 | 7.43E-04 | 4.04E-03 |
| ZNF652 | 0.10 | 4.56 | 7.46E-04 | 4.05E-03 |
| DOCK8 | -0.07 | -4.56 | 7.47E-04 | 4.06E-03 |
| SC5D | -0.12 | -4.56 | 7.49E-04 | 4.06E-03 |
| KIAA0753 | -0.10 | -4.56 | 7.50E-04 | 4.07E-03 |
| RAD51B | -0.27 | -4.56 | 7.51E-04 | 4.07E-03 |
| DDX21 | 0.12 | 4.56 | 7.52E-04 | 4.08E-03 |
| GRIP2 | 0.22 | 4.55 | 7.55E-04 | 4.09E-03 |
| RGS3 | -0.07 | -4.55 | 7.55E-04 | 4.09E-03 |
| ANO6 | 0.09 | 4.55 | 7.56E-04 | 4.10E-03 |
| STUM | 0.54 | 4.55 | 7.57E-04 | 4.10E-03 |
| PIK3C3 | -0.08 | -4.55 | 7.58E-04 | 4.10E-03 |
| TOMM40L | 0.22 | 4.55 | 7.60E-04 | 4.11E-03 |
| GCNT2 | -0.27 | -4.55 | 7.61E-04 | 4.11E-03 |
| RNF157 | 0.89 | 4.55 | 7.63E-04 | 4.12E-03 |
| ZNF10 | -0.21 | -4.55 | 7.63E-04 | 4.12E-03 |
| IGHV3-23 | 0.45 | 4.55 | 7.65E-04 | 4.13E-03 |
| MRPL12 | 0.22 | 4.55 | 7.66E-04 | 4.13E-03 |
| ACTR10 | -0.08 | -4.55 | 7.66E-04 | 4.13E-03 |
| HMG20A | -0.20 | -4.54 | 7.70E-04 | 4.15E-03 |
| ALG10 | -0.20 | -4.54 | 7.71E-04 | 4.16E-03 |
| STK10 | 0.18 | 4.54 | 7.73E-04 | 4.16E-03 |
| R3HCC1L | -0.12 | -4.54 | 7.74E-04 | 4.17E-03 |
| PRCP | -0.07 | -4.54 | 7.75E-04 | 4.17E-03 |
| RPL18A | 0.07 | 4.54 | 7.77E-04 | 4.18E-03 |
| MRPS7 | 0.14 | 4.54 | 7.77E-04 | 4.18E-03 |
| PMVK | 0.13 | 4.54 | 7.77E-04 | 4.18E-03 |
| SLC9A3R2 | 0.35 | 4.54 | 7.78E-04 | 4.19E-03 |
| SGSM3 | -0.12 | -4.53 | 7.81E-04 | 4.20E-03 |
| ROR1 | -0.12 | -4.53 | 7.82E-04 | 4.20E-03 |
| PLSCR4 | 0.16 | 4.53 | 7.83E-04 | 4.21E-03 |
| NCKAP5L | 0.17 | 4.53 | 7.86E-04 | 4.22E-03 |
| ZNF470 | -0.41 | -4.53 | 7.86E-04 | 4.22E-03 |
| HMOX1 | 0.27 | 4.53 | 7.87E-04 | 4.22E-03 |
| TMPRSS11B | -0.48 | -4.53 | 7.91E-04 | 4.24E-03 |
| AXL | 0.09 | 4.53 | 7.91E-04 | 4.24E-03 |
| DDX27 | 0.09 | 4.53 | 7.92E-04 | 4.24E-03 |
| MYO1H | 0.42 | 4.53 | 7.92E-04 | 4.24E-03 |
| NADK | 0.12 | 4.53 | 7.93E-04 | 4.24E-03 |
| DLX3 | 0.24 | 4.52 | 7.94E-04 | 4.25E-03 |
| COMP | 0.37 | 4.52 | 7.96E-04 | 4.26E-03 |
| GPR137B | 0.14 | 4.52 | 7.97E-04 | 4.26E-03 |
| FBXL4 | -0.06 | -4.52 | 7.98E-04 | 4.27E-03 |
| TUBG1 | 0.21 | 4.52 | 7.99E-04 | 4.27E-03 |
| XKR8 | -0.23 | -4.52 | 7.99E-04 | 4.27E-03 |
| TIMM44 | 0.10 | 4.52 | 8.05E-04 | 4.29E-03 |
| BRWD1 | -0.09 | -4.52 | 8.05E-04 | 4.29E-03 |
| AC080038.1 | -0.10 | -4.52 | 8.05E-04 | 4.29E-03 |
| PSAT1 | 0.15 | 4.51 | 8.07E-04 | 4.30E-03 |
| SLC39A11 | -0.26 | -4.51 | 8.08E-04 | 4.31E-03 |
| GPR87 | -0.11 | -4.51 | 8.10E-04 | 4.31E-03 |
| ZNF587 | -0.17 | -4.51 | 8.12E-04 | 4.32E-03 |
| CKM | 0.95 | 4.51 | 8.12E-04 | 4.32E-03 |
| ABCF1 | 0.08 | 4.51 | 8.15E-04 | 4.34E-03 |
| PGM2 | -0.09 | -4.51 | 8.16E-04 | 4.34E-03 |
| TMEM51 | -0.25 | -4.51 | 8.17E-04 | 4.34E-03 |
| ARHGAP39 | 0.31 | 4.51 | 8.18E-04 | 4.34E-03 |
| TEK | 0.12 | 4.51 | 8.20E-04 | 4.35E-03 |
| MORC4 | 0.09 | 4.51 | 8.20E-04 | 4.35E-03 |
| PDK4 | 0.40 | 4.50 | 8.20E-04 | 4.35E-03 |
| SDR9C7 | 0.18 | 4.50 | 8.21E-04 | 4.36E-03 |
| TFAP4 | 0.24 | 4.50 | 8.23E-04 | 4.36E-03 |
| SLC38A1 | 0.06 | 4.50 | 8.24E-04 | 4.37E-03 |
| IL36RN | 0.24 | 4.50 | 8.26E-04 | 4.38E-03 |
| SENP6 | -0.10 | -4.50 | 8.29E-04 | 4.39E-03 |
| IL20RA | 0.12 | 4.50 | 8.29E-04 | 4.39E-03 |
| CCDC84 | -0.11 | -4.50 | 8.31E-04 | 4.40E-03 |
| C19orf47 | 0.15 | 4.50 | 8.34E-04 | 4.41E-03 |
| CDC37 | 0.10 | 4.49 | 8.38E-04 | 4.43E-03 |
| IGFBP3 | 0.22 | 4.49 | 8.38E-04 | 4.43E-03 |
| MCU | 0.17 | 4.49 | 8.38E-04 | 4.43E-03 |
| LETM1 | 0.08 | 4.49 | 8.39E-04 | 4.43E-03 |
| SRPX2 | 0.13 | 4.49 | 8.40E-04 | 4.44E-03 |
| ANPEP | 0.17 | 4.49 | 8.42E-04 | 4.44E-03 |
| TOR1AIP2 | 0.10 | 4.49 | 8.43E-04 | 4.45E-03 |
| ECM2 | 0.11 | 4.49 | 8.43E-04 | 4.45E-03 |
| ITGAE | -0.31 | -4.49 | 8.44E-04 | 4.45E-03 |
| GALNT3 | -0.11 | -4.49 | 8.44E-04 | 4.45E-03 |
| KLHL31 | 0.28 | 4.48 | 8.49E-04 | 4.47E-03 |
| S100A14 | -0.07 | -4.48 | 8.50E-04 | 4.48E-03 |
| AQP7 | 0.31 | 4.48 | 8.54E-04 | 4.49E-03 |
| TOGARAM1 | -0.07 | -4.48 | 8.54E-04 | 4.49E-03 |
| MAN2C1 | -0.09 | -4.48 | 8.55E-04 | 4.49E-03 |
| PCDH18 | 0.12 | 4.48 | 8.57E-04 | 4.51E-03 |
| TP73 | -0.15 | -4.48 | 8.57E-04 | 4.51E-03 |
| PTGES | 0.51 | 4.48 | 8.59E-04 | 4.51E-03 |
| IP6K1 | 0.08 | 4.48 | 8.59E-04 | 4.51E-03 |
| PLCL2 | 0.15 | 4.48 | 8.60E-04 | 4.51E-03 |
| GRB7 | -0.16 | -4.48 | 8.60E-04 | 4.51E-03 |
| LRFN5 | 0.63 | 4.48 | 8.61E-04 | 4.52E-03 |
| ZNF141 | -0.16 | -4.47 | 8.63E-04 | 4.52E-03 |
| CLEC2D | -0.31 | -4.47 | 8.63E-04 | 4.52E-03 |
| PTMA | 0.11 | 4.47 | 8.66E-04 | 4.53E-03 |
| HARS | 0.06 | 4.47 | 8.66E-04 | 4.53E-03 |
| GOT1 | 0.18 | 4.47 | 8.67E-04 | 4.54E-03 |
| UBXN2B | -0.09 | -4.47 | 8.67E-04 | 4.54E-03 |
| AC004922.1 | 0.44 | 4.47 | 8.70E-04 | 4.55E-03 |
| RNF167 | 0.07 | 4.47 | 8.71E-04 | 4.55E-03 |
| DAPK3 | 0.10 | 4.47 | 8.72E-04 | 4.56E-03 |
| RNF19A | 0.07 | 4.47 | 8.73E-04 | 4.56E-03 |
| METRNL | 0.09 | 4.47 | 8.75E-04 | 4.56E-03 |
| CMKLR1 | 0.51 | 4.47 | 8.75E-04 | 4.56E-03 |
| PGM3 | -0.12 | -4.47 | 8.75E-04 | 4.56E-03 |
| ABL1 | 0.08 | 4.47 | 8.75E-04 | 4.57E-03 |
| SEMA3A | 0.39 | 4.47 | 8.77E-04 | 4.57E-03 |
| PAGR1 | 0.15 | 4.46 | 8.79E-04 | 4.58E-03 |
| SVIL | 0.09 | 4.46 | 8.82E-04 | 4.59E-03 |
| MALL | -0.12 | -4.46 | 8.82E-04 | 4.59E-03 |
| SMYD5 | 0.15 | 4.46 | 8.84E-04 | 4.60E-03 |
| PLPPR4 | 0.37 | 4.46 | 8.85E-04 | 4.61E-03 |
| MPZ | 0.32 | 4.46 | 8.90E-04 | 4.63E-03 |
| HK2 | 0.08 | 4.46 | 8.91E-04 | 4.63E-03 |
| KLF9 | 0.25 | 4.46 | 8.91E-04 | 4.63E-03 |
| EPS8 | -0.09 | -4.46 | 8.91E-04 | 4.63E-03 |
| RASA1 | -0.11 | -4.45 | 8.94E-04 | 4.64E-03 |
| DNAJC16 | -0.09 | -4.45 | 8.93E-04 | 4.64E-03 |
| CCT6B | -0.38 | -4.45 | 8.97E-04 | 4.65E-03 |
| ANKRD35 | -0.15 | -4.45 | 8.97E-04 | 4.65E-03 |
| PFDN2 | 0.36 | 4.45 | 9.00E-04 | 4.66E-03 |
| TAGLN | 0.26 | 4.45 | 9.06E-04 | 4.70E-03 |
| ATP1B3 | -0.07 | -4.44 | 9.11E-04 | 4.72E-03 |
| PRKCA | 0.12 | 4.44 | 9.12E-04 | 4.72E-03 |
| TMEM59 | -0.08 | -4.44 | 9.12E-04 | 4.72E-03 |
| DRAM2 | -0.11 | -4.44 | 9.15E-04 | 4.73E-03 |
| TULP3 | -0.12 | -4.44 | 9.14E-04 | 4.73E-03 |
| BMP2 | 0.24 | 4.44 | 9.15E-04 | 4.73E-03 |
| ARHGEF2 | 0.07 | 4.44 | 9.18E-04 | 4.74E-03 |
| NFX1 | -0.06 | -4.43 | 9.23E-04 | 4.77E-03 |
| KLRK1 | -0.21 | -4.43 | 9.24E-04 | 4.77E-03 |
| NACAD | 0.39 | 4.43 | 9.25E-04 | 4.77E-03 |
| STK26 | 0.16 | 4.43 | 9.26E-04 | 4.77E-03 |
| GPBP1L1 | -0.07 | -4.43 | 9.26E-04 | 4.77E-03 |
| SDF4 | 0.07 | 4.43 | 9.28E-04 | 4.78E-03 |
| MARK2 | -0.07 | -4.43 | 9.28E-04 | 4.78E-03 |
| LTN1 | -0.08 | -4.43 | 9.28E-04 | 4.78E-03 |
| GPR107 | -0.06 | -4.43 | 9.38E-04 | 4.83E-03 |
| LRIG1 | 0.12 | 4.42 | 9.38E-04 | 4.83E-03 |
| MAGI1 | -0.08 | -4.42 | 9.40E-04 | 4.84E-03 |
| GMFB | -0.20 | -4.42 | 9.42E-04 | 4.84E-03 |
| RCHY1 | -0.23 | -4.42 | 9.47E-04 | 4.87E-03 |
| ABHD17B | -0.18 | -4.42 | 9.49E-04 | 4.88E-03 |
| CHST3 | 0.35 | 4.42 | 9.51E-04 | 4.89E-03 |
| SGTB | 0.18 | 4.42 | 9.52E-04 | 4.89E-03 |
| CCNL1 | -0.08 | -4.42 | 9.52E-04 | 4.89E-03 |
| RNPC3 | -0.13 | -4.42 | 9.53E-04 | 4.89E-03 |
| SDC2 | 0.34 | 4.42 | 9.53E-04 | 4.89E-03 |
| FAM120B | -0.05 | -4.42 | 9.54E-04 | 4.90E-03 |
| ANKRD6 | -0.39 | -4.41 | 9.56E-04 | 4.90E-03 |
| NOTCH2 | -0.07 | -4.41 | 9.56E-04 | 4.90E-03 |
| NUDCD1 | 0.10 | 4.41 | 9.59E-04 | 4.91E-03 |
| USP25 | -0.14 | -4.41 | 9.60E-04 | 4.91E-03 |
| DPH6 | -0.19 | -4.41 | 9.59E-04 | 4.91E-03 |
| GPR155 | -0.21 | -4.41 | 9.60E-04 | 4.91E-03 |
| PMM2 | -0.12 | -4.41 | 9.62E-04 | 4.92E-03 |
| ZZEF1 | -0.05 | -4.40 | 9.72E-04 | 4.97E-03 |
| GJB2 | 0.13 | 4.40 | 9.76E-04 | 4.99E-03 |
| ZNF780B | -0.18 | -4.40 | 9.79E-04 | 5.00E-03 |
| KIAA0319L | -0.07 | -4.40 | 9.81E-04 | 5.01E-03 |
| LRP12 | 0.16 | 4.40 | 9.83E-04 | 5.02E-03 |
| SIMC1 | -0.12 | -4.40 | 9.83E-04 | 5.02E-03 |
| CORO2A | -0.22 | -4.40 | 9.87E-04 | 5.03E-03 |
| MYL1 | 1.25 | 4.39 | 9.88E-04 | 5.04E-03 |
| PRPF19 | 0.07 | 4.39 | 9.89E-04 | 5.04E-03 |
| TESK2 | -0.15 | -4.39 | 9.89E-04 | 5.04E-03 |
| PTRH1 | 0.56 | 4.39 | 9.90E-04 | 5.04E-03 |
| GBP1 | 0.09 | 4.39 | 9.91E-04 | 5.04E-03 |
| MTMR4 | -0.08 | -4.39 | 9.91E-04 | 5.04E-03 |
| C17orf75 | -0.15 | -4.39 | 9.91E-04 | 5.04E-03 |
| F13A1 | 0.09 | 4.39 | 9.93E-04 | 5.04E-03 |
| BRD1 | -0.05 | -4.39 | 9.93E-04 | 5.04E-03 |
| TTLL4 | -0.08 | -4.39 | 9.92E-04 | 5.04E-03 |
| TMEM63A | -0.12 | -4.39 | 9.95E-04 | 5.05E-03 |
| ACAP1 | -0.13 | -4.39 | 9.95E-04 | 5.05E-03 |
| STX11 | 0.29 | 4.39 | 9.96E-04 | 5.06E-03 |
| KAT7 | -0.10 | -4.39 | 9.96E-04 | 5.06E-03 |
| RPS6KA6 | -0.45 | -4.39 | 9.98E-04 | 5.06E-03 |
| ADI1 | 0.12 | 4.39 | 9.99E-04 | 5.06E-03 |
| MYBPC2 | 1.08 | 4.39 | 1.00E-03 | 5.07E-03 |
| ATG9B | 0.14 | 4.39 | 1.00E-03 | 5.07E-03 |
| TBL1X | 0.08 | 4.39 | 1.00E-03 | 5.07E-03 |
| IFT80 | -0.15 | -4.39 | 1.00E-03 | 5.08E-03 |
| CTNNAL1 | -0.16 | -4.39 | 1.00E-03 | 5.08E-03 |
| A2M | 0.07 | 4.38 | 1.00E-03 | 5.08E-03 |
| CORO1C | 0.08 | 4.38 | 1.01E-03 | 5.09E-03 |
| LIMS2 | 0.22 | 4.38 | 1.01E-03 | 5.09E-03 |
| DOCK7 | -0.10 | -4.38 | 1.01E-03 | 5.09E-03 |
| SLC27A2 | -0.75 | -4.38 | 1.01E-03 | 5.10E-03 |
| TMEM132B | -0.45 | -4.38 | 1.01E-03 | 5.11E-03 |
| PSMC4 | 0.07 | 4.38 | 1.01E-03 | 5.11E-03 |
| AMOT | 0.16 | 4.38 | 1.01E-03 | 5.11E-03 |
| CASP10 | -0.15 | -4.38 | 1.01E-03 | 5.11E-03 |
| RBM4B | -0.24 | -4.38 | 1.01E-03 | 5.11E-03 |
| EXOC1 | -0.09 | -4.38 | 1.01E-03 | 5.11E-03 |
| ICE2 | -0.09 | -4.38 | 1.02E-03 | 5.14E-03 |
| ZNF527 | -0.21 | -4.37 | 1.02E-03 | 5.15E-03 |
| DBT | -0.14 | -4.37 | 1.02E-03 | 5.15E-03 |
| SUSD6 | -0.21 | -4.37 | 1.03E-03 | 5.16E-03 |
| CPT1B | 0.12 | 4.37 | 1.03E-03 | 5.18E-03 |
| CDC42BPA | 0.07 | 4.37 | 1.03E-03 | 5.18E-03 |
| GLA | -0.08 | -4.37 | 1.03E-03 | 5.19E-03 |
| ZNF493 | -0.47 | -4.37 | 1.04E-03 | 5.20E-03 |
| ITM2A | -0.20 | -4.37 | 1.04E-03 | 5.21E-03 |
| SLC2A12 | -0.26 | -4.37 | 1.04E-03 | 5.21E-03 |
| SFXN1 | -0.19 | -4.36 | 1.04E-03 | 5.22E-03 |
| AMD1 | -0.08 | -4.36 | 1.04E-03 | 5.22E-03 |
| MMADHC | -0.08 | -4.36 | 1.04E-03 | 5.22E-03 |
| TRMT10B | -0.13 | -4.36 | 1.04E-03 | 5.23E-03 |
| FTSJ1 | 0.13 | 4.36 | 1.05E-03 | 5.25E-03 |
| OSR2 | 0.73 | 4.36 | 1.05E-03 | 5.25E-03 |
| HIC1 | 0.26 | 4.36 | 1.05E-03 | 5.26E-03 |
| RORC | -0.18 | -4.36 | 1.05E-03 | 5.26E-03 |
| RGS20 | 0.65 | 4.36 | 1.05E-03 | 5.27E-03 |
| MDGA1 | 0.21 | 4.35 | 1.06E-03 | 5.29E-03 |
| PEX7 | -0.17 | -4.35 | 1.06E-03 | 5.30E-03 |
| NSG1 | -0.13 | -4.35 | 1.06E-03 | 5.32E-03 |
| PRDX5 | -0.07 | -4.35 | 1.07E-03 | 5.36E-03 |
| JHY | 0.22 | 4.35 | 1.08E-03 | 5.37E-03 |
| RTL10 | -0.25 | -4.35 | 1.07E-03 | 5.37E-03 |
| ALYREF | 0.12 | 4.34 | 1.08E-03 | 5.38E-03 |
| CCNC | -0.15 | -4.34 | 1.08E-03 | 5.38E-03 |
| RAC1 | -0.06 | -4.34 | 1.08E-03 | 5.39E-03 |
| MFSD6 | 0.07 | 4.34 | 1.08E-03 | 5.39E-03 |
| RAN | 0.06 | 4.34 | 1.08E-03 | 5.39E-03 |
| GPR183 | -0.23 | -4.34 | 1.08E-03 | 5.40E-03 |
| ASB2 | 1.14 | 4.34 | 1.09E-03 | 5.40E-03 |
| CIDEA | 0.91 | 4.34 | 1.09E-03 | 5.40E-03 |
| DERL2 | -0.15 | -4.34 | 1.09E-03 | 5.40E-03 |
| ADAMTS1 | 0.17 | 4.34 | 1.09E-03 | 5.41E-03 |
| LPIN3 | -0.08 | -4.34 | 1.09E-03 | 5.41E-03 |
| B2M | -0.06 | -4.34 | 1.09E-03 | 5.43E-03 |
| POLDIP2 | 0.07 | 4.34 | 1.09E-03 | 5.43E-03 |
| SPTLC3 | 0.07 | 4.33 | 1.09E-03 | 5.43E-03 |
| RAD52 | -0.18 | -4.33 | 1.10E-03 | 5.44E-03 |
| HLA-F | 0.09 | 4.33 | 1.10E-03 | 5.44E-03 |
| NPIPB12 | -0.10 | -4.33 | 1.10E-03 | 5.44E-03 |
| MTDH | 0.07 | 4.33 | 1.10E-03 | 5.46E-03 |
| SLC12A6 | -0.10 | -4.33 | 1.10E-03 | 5.46E-03 |
| VPS35L | -0.10 | -4.33 | 1.10E-03 | 5.46E-03 |
| TXNDC16 | -0.15 | -4.33 | 1.10E-03 | 5.47E-03 |
| KIF26B | -0.43 | -4.33 | 1.11E-03 | 5.47E-03 |
| ZNF320 | -0.21 | -4.33 | 1.11E-03 | 5.47E-03 |
| LAMTOR2 | 0.16 | 4.33 | 1.11E-03 | 5.47E-03 |
| NBEAL1 | -0.07 | -4.33 | 1.11E-03 | 5.48E-03 |
| ATG101 | 0.26 | 4.33 | 1.11E-03 | 5.48E-03 |
| OXCT1 | 0.08 | 4.32 | 1.11E-03 | 5.50E-03 |
| FAM98A | 0.12 | 4.32 | 1.12E-03 | 5.52E-03 |
| CTDNEP1 | 0.10 | 4.32 | 1.12E-03 | 5.52E-03 |
| TECR | -0.07 | -4.32 | 1.12E-03 | 5.55E-03 |
| NARF | -0.09 | -4.32 | 1.13E-03 | 5.56E-03 |
| TBCK | -0.13 | -4.32 | 1.13E-03 | 5.56E-03 |
| TXN2 | 0.11 | 4.32 | 1.13E-03 | 5.57E-03 |
| PITHD1 | 0.18 | 4.32 | 1.13E-03 | 5.57E-03 |
| S100A8 | -0.15 | -4.32 | 1.13E-03 | 5.57E-03 |
| PRRX1 | 0.09 | 4.31 | 1.13E-03 | 5.58E-03 |
| PIP4K2C | 0.12 | 4.31 | 1.13E-03 | 5.58E-03 |
| RAB1B | 0.09 | 4.31 | 1.13E-03 | 5.58E-03 |
| RPS7 | 0.05 | 4.31 | 1.14E-03 | 5.59E-03 |
| POR | 0.12 | 4.31 | 1.14E-03 | 5.59E-03 |
| OLFML2A | 0.12 | 4.31 | 1.14E-03 | 5.59E-03 |
| GSTK1 | 0.07 | 4.31 | 1.14E-03 | 5.59E-03 |
| MIA2 | -0.08 | -4.31 | 1.14E-03 | 5.59E-03 |
| DEPDC5 | -0.12 | -4.31 | 1.15E-03 | 5.63E-03 |
| RHOC | 0.09 | 4.31 | 1.15E-03 | 5.63E-03 |
| ARID1B | -0.05 | -4.31 | 1.15E-03 | 5.63E-03 |
| SMTN | -0.22 | -4.31 | 1.15E-03 | 5.64E-03 |
| KPNA5 | -0.13 | -4.31 | 1.15E-03 | 5.64E-03 |
| SIDT1 | -0.32 | -4.30 | 1.15E-03 | 5.64E-03 |
| PA2G4 | 0.11 | 4.30 | 1.16E-03 | 5.66E-03 |
| NSUN2 | 0.06 | 4.30 | 1.16E-03 | 5.66E-03 |
| BTBD18 | -0.34 | -4.30 | 1.16E-03 | 5.66E-03 |
| TMEM119 | 0.48 | 4.30 | 1.16E-03 | 5.66E-03 |
| F3 | -0.57 | -4.30 | 1.16E-03 | 5.66E-03 |
| AGAP9 | -0.25 | -4.30 | 1.16E-03 | 5.66E-03 |
| MLEC | 0.17 | 4.30 | 1.16E-03 | 5.67E-03 |
| UQCRB | 0.20 | 4.30 | 1.17E-03 | 5.69E-03 |
| CKMT1B | -0.13 | -4.30 | 1.17E-03 | 5.69E-03 |
| MCTP2 | -0.11 | -4.30 | 1.17E-03 | 5.69E-03 |
| NDUFB10 | 0.19 | 4.30 | 1.17E-03 | 5.70E-03 |
| TEX11 | -0.08 | -4.29 | 1.17E-03 | 5.71E-03 |
| ZNF772 | -0.14 | -4.29 | 1.17E-03 | 5.72E-03 |
| PMS2 | -0.06 | -4.29 | 1.18E-03 | 5.75E-03 |
| CERS6 | -0.08 | -4.29 | 1.18E-03 | 5.75E-03 |
| ZBTB46 | 0.31 | 4.29 | 1.18E-03 | 5.75E-03 |
| U2AF1L4 | -0.21 | -4.29 | 1.18E-03 | 5.75E-03 |
| ATF5 | 0.16 | 4.29 | 1.18E-03 | 5.75E-03 |
| TMEM50A | -0.12 | -4.29 | 1.18E-03 | 5.75E-03 |
| CRYZL1 | -0.13 | -4.29 | 1.19E-03 | 5.79E-03 |
| CCT2 | 0.09 | 4.28 | 1.19E-03 | 5.79E-03 |
| MARCH5 | -0.12 | -4.28 | 1.19E-03 | 5.80E-03 |
| LRPAP1 | 0.10 | 4.28 | 1.20E-03 | 5.82E-03 |
| TBCD | -0.08 | -4.28 | 1.20E-03 | 5.85E-03 |
| FSD2 | 0.39 | 4.28 | 1.20E-03 | 5.85E-03 |
| PARM1 | 0.15 | 4.28 | 1.21E-03 | 5.88E-03 |
| TTC19 | -0.10 | -4.27 | 1.21E-03 | 5.88E-03 |
| THADA | -0.06 | -4.27 | 1.21E-03 | 5.88E-03 |
| VCAM1 | 0.14 | 4.27 | 1.21E-03 | 5.89E-03 |
| NDUFA6 | 0.13 | 4.27 | 1.21E-03 | 5.89E-03 |
| SLC16A9 | -0.58 | -4.27 | 1.22E-03 | 5.89E-03 |
| ZBTB2 | 0.16 | 4.27 | 1.22E-03 | 5.90E-03 |
| IGHV4-34 | 0.67 | 4.27 | 1.22E-03 | 5.90E-03 |
| RIMS2 | 1.60 | 4.27 | 1.22E-03 | 5.90E-03 |
| MRVI1 | 0.18 | 4.27 | 1.22E-03 | 5.90E-03 |
| GCC2 | -0.11 | -4.27 | 1.22E-03 | 5.90E-03 |
| IST1 | -0.08 | -4.27 | 1.22E-03 | 5.90E-03 |
| BTBD8 | -0.18 | -4.27 | 1.22E-03 | 5.90E-03 |
| TBC1D22B | -0.14 | -4.27 | 1.22E-03 | 5.90E-03 |
| SCARB2 | -0.07 | -4.27 | 1.22E-03 | 5.90E-03 |
| C16orf70 | 0.07 | 4.27 | 1.22E-03 | 5.90E-03 |
| POLG2 | -0.27 | -4.27 | 1.23E-03 | 5.91E-03 |
| DNAJC17 | -0.16 | -4.27 | 1.23E-03 | 5.91E-03 |
| RPS6 | 0.05 | 4.27 | 1.23E-03 | 5.92E-03 |
| AC270107.3 | -0.08 | -4.27 | 1.23E-03 | 5.92E-03 |
| AC270107.2 | -0.08 | -4.27 | 1.23E-03 | 5.92E-03 |
| AC270107.1 | -0.08 | -4.27 | 1.23E-03 | 5.92E-03 |
| AC270107.7 | -0.08 | -4.27 | 1.23E-03 | 5.92E-03 |
| AC270107.6 | -0.08 | -4.27 | 1.23E-03 | 5.92E-03 |
| AC270107.5 | -0.08 | -4.27 | 1.23E-03 | 5.92E-03 |
| ZNF605 | -0.13 | -4.27 | 1.23E-03 | 5.92E-03 |
| MAL | -0.37 | -4.27 | 1.23E-03 | 5.92E-03 |
| TRMU | -0.12 | -4.27 | 1.23E-03 | 5.92E-03 |
| SUCLG1 | 0.11 | 4.27 | 1.23E-03 | 5.92E-03 |
| FIS1 | 0.14 | 4.26 | 1.23E-03 | 5.92E-03 |
| CTPS2 | -0.11 | -4.26 | 1.23E-03 | 5.93E-03 |
| NDUFS8 | 0.14 | 4.26 | 1.24E-03 | 5.94E-03 |
| ID2 | 0.16 | 4.26 | 1.24E-03 | 5.95E-03 |
| SPSB2 | 0.35 | 4.26 | 1.24E-03 | 5.95E-03 |
| RPS19BP1 | 0.17 | 4.26 | 1.24E-03 | 5.95E-03 |
| GNG5 | -0.21 | -4.26 | 1.24E-03 | 5.96E-03 |
| FXYD1 | 0.92 | 4.26 | 1.24E-03 | 5.96E-03 |
| B3GNT8 | -0.28 | -4.26 | 1.24E-03 | 5.96E-03 |
| FPGT | -0.16 | -4.26 | 1.25E-03 | 5.97E-03 |
| SOBP | 0.40 | 4.26 | 1.25E-03 | 5.97E-03 |
| LILRB5 | 0.62 | 4.26 | 1.25E-03 | 5.98E-03 |
| PAPOLA | -0.06 | -4.26 | 1.25E-03 | 5.98E-03 |
| YIPF1 | -0.12 | -4.26 | 1.25E-03 | 5.99E-03 |
| ZDHHC6 | -0.10 | -4.25 | 1.26E-03 | 6.01E-03 |
| ZNF543 | -0.10 | -4.25 | 1.26E-03 | 6.01E-03 |
| MTRF1 | -0.12 | -4.25 | 1.26E-03 | 6.01E-03 |
| CCDC107 | 0.15 | 4.25 | 1.26E-03 | 6.03E-03 |
| PIGB | -0.19 | -4.25 | 1.26E-03 | 6.03E-03 |
| PLCG2 | 0.11 | 4.25 | 1.27E-03 | 6.04E-03 |
| INPP5F | -0.11 | -4.25 | 1.27E-03 | 6.04E-03 |
| TLL1 | -0.23 | -4.25 | 1.27E-03 | 6.04E-03 |
| ERCC2 | -0.14 | -4.25 | 1.27E-03 | 6.04E-03 |
| MEST | 0.25 | 4.25 | 1.27E-03 | 6.04E-03 |
| SPARC | 0.08 | 4.25 | 1.27E-03 | 6.05E-03 |
| CDH11 | 0.13 | 4.25 | 1.27E-03 | 6.06E-03 |
| TBX2 | 0.39 | 4.25 | 1.27E-03 | 6.06E-03 |
| SRSF5 | -0.11 | -4.25 | 1.27E-03 | 6.06E-03 |
| TMEM37 | 0.49 | 4.24 | 1.28E-03 | 6.08E-03 |
| DUOXA1 | -0.06 | -4.24 | 1.28E-03 | 6.08E-03 |
| ZDHHC14 | 0.23 | 4.24 | 1.28E-03 | 6.09E-03 |
| RALGPS2 | -0.09 | -4.24 | 1.28E-03 | 6.09E-03 |
| ELK4 | 0.09 | 4.24 | 1.28E-03 | 6.10E-03 |
| BTRC | -0.11 | -4.24 | 1.29E-03 | 6.12E-03 |
| ZC3H12A | -0.22 | -4.24 | 1.30E-03 | 6.15E-03 |
| TADA2B | 0.14 | 4.23 | 1.30E-03 | 6.16E-03 |
| PURB | 0.12 | 4.23 | 1.30E-03 | 6.16E-03 |
| RRP1B | 0.09 | 4.23 | 1.30E-03 | 6.17E-03 |
| ADGRE5 | 0.14 | 4.23 | 1.30E-03 | 6.17E-03 |
| STEAP2 | -0.38 | -4.23 | 1.30E-03 | 6.17E-03 |
| ACAP2 | -0.08 | -4.23 | 1.31E-03 | 6.19E-03 |
| PLEKHN1 | -0.42 | -4.23 | 1.31E-03 | 6.19E-03 |
| CPNE8 | 0.13 | 4.23 | 1.31E-03 | 6.20E-03 |
| CDS1 | -0.16 | -4.23 | 1.31E-03 | 6.20E-03 |
| DCDC2B | -0.42 | -4.23 | 1.32E-03 | 6.22E-03 |
| DGKD | 0.14 | 4.23 | 1.32E-03 | 6.22E-03 |
| PTPRU | 0.12 | 4.23 | 1.32E-03 | 6.23E-03 |
| FRY | 0.18 | 4.23 | 1.32E-03 | 6.23E-03 |
| ATP5MG | 0.12 | 4.23 | 1.32E-03 | 6.23E-03 |
| SCLY | 0.16 | 4.23 | 1.32E-03 | 6.23E-03 |
| GIMAP6 | 0.24 | 4.22 | 1.32E-03 | 6.24E-03 |
| ZBTB41 | -0.09 | -4.22 | 1.32E-03 | 6.24E-03 |
| AHR | 0.08 | 4.22 | 1.33E-03 | 6.24E-03 |
| CFL1 | 0.07 | 4.22 | 1.33E-03 | 6.24E-03 |
| HCAR3 | -0.50 | -4.22 | 1.33E-03 | 6.24E-03 |
| AASS | -0.20 | -4.22 | 1.33E-03 | 6.25E-03 |
| MTHFD2 | 0.16 | 4.22 | 1.33E-03 | 6.26E-03 |
| ZNF551 | -0.28 | -4.22 | 1.33E-03 | 6.26E-03 |
| IREB2 | -0.10 | -4.22 | 1.33E-03 | 6.26E-03 |
| ADTRP | 0.66 | 4.22 | 1.33E-03 | 6.26E-03 |
| NISCH | -0.07 | -4.22 | 1.34E-03 | 6.28E-03 |
| ANXA3 | -0.21 | -4.22 | 1.34E-03 | 6.28E-03 |
| IVNS1ABP | -0.06 | -4.22 | 1.34E-03 | 6.29E-03 |
| LRRC2 | 0.67 | 4.22 | 1.34E-03 | 6.29E-03 |
| PCDHGA10 | -0.15 | -4.22 | 1.34E-03 | 6.29E-03 |
| MS4A6A | 0.17 | 4.21 | 1.34E-03 | 6.30E-03 |
| ZNF808 | -0.25 | -4.21 | 1.34E-03 | 6.31E-03 |
| ZNF585B | -0.34 | -4.21 | 1.35E-03 | 6.32E-03 |
| HDAC6 | -0.08 | -4.21 | 1.35E-03 | 6.33E-03 |
| IRAK1 | 0.15 | 4.21 | 1.35E-03 | 6.33E-03 |
| TDRD5 | 0.71 | 4.21 | 1.36E-03 | 6.36E-03 |
| TMEM131L | -0.06 | -4.21 | 1.36E-03 | 6.36E-03 |
| UBE2J2 | -0.08 | -4.21 | 1.36E-03 | 6.37E-03 |
| ARF5 | 0.08 | 4.21 | 1.36E-03 | 6.37E-03 |
| OGA | -0.06 | -4.20 | 1.37E-03 | 6.40E-03 |
| IFFO1 | 0.18 | 4.20 | 1.37E-03 | 6.40E-03 |
| CDH12 | -0.22 | -4.20 | 1.37E-03 | 6.42E-03 |
| SLF2 | -0.09 | -4.20 | 1.38E-03 | 6.43E-03 |
| NPIPA1 | -0.11 | -4.20 | 1.38E-03 | 6.43E-03 |
| DNAH2 | 1.14 | 4.20 | 1.38E-03 | 6.44E-03 |
| KDM4C | -0.06 | -4.20 | 1.39E-03 | 6.46E-03 |
| CIP2A | -0.13 | -4.20 | 1.38E-03 | 6.46E-03 |
| HLA-DRB5 | 1.16 | 4.19 | 1.39E-03 | 6.48E-03 |
| FAR1 | -0.16 | -4.19 | 1.39E-03 | 6.48E-03 |
| WDSUB1 | -0.11 | -4.19 | 1.39E-03 | 6.48E-03 |
| AVL9 | -0.06 | -4.19 | 1.39E-03 | 6.48E-03 |
| FBH1 | -0.07 | -4.19 | 1.39E-03 | 6.48E-03 |
| FTO | -0.05 | -4.19 | 1.39E-03 | 6.48E-03 |
| PAX3 | 0.38 | 4.19 | 1.39E-03 | 6.49E-03 |
| LYPD2 | -0.23 | -4.19 | 1.40E-03 | 6.49E-03 |
| UBE2Q2L | -0.44 | -4.19 | 1.40E-03 | 6.51E-03 |
| TINAGL1 | 0.22 | 4.19 | 1.41E-03 | 6.54E-03 |
| HLTF | -0.07 | -4.19 | 1.41E-03 | 6.54E-03 |
| REV1 | -0.08 | -4.19 | 1.41E-03 | 6.54E-03 |
| MRS2 | -0.13 | -4.19 | 1.41E-03 | 6.55E-03 |
| DKK3 | 0.14 | 4.19 | 1.41E-03 | 6.55E-03 |
| ABL2 | 0.09 | 4.19 | 1.41E-03 | 6.56E-03 |
| FKTN | -0.18 | -4.19 | 1.41E-03 | 6.56E-03 |
| UGT1A10 | 0.26 | 4.18 | 1.41E-03 | 6.56E-03 |
| CCDC51 | 0.18 | 4.18 | 1.42E-03 | 6.57E-03 |
| DCXR | -0.09 | -4.18 | 1.42E-03 | 6.58E-03 |
| REPS1 | -0.06 | -4.18 | 1.42E-03 | 6.59E-03 |
| HOPX | 0.12 | 4.18 | 1.42E-03 | 6.59E-03 |
| AGBL1 | 1.68 | 4.18 | 1.42E-03 | 6.59E-03 |
| PSME3 | 0.07 | 4.18 | 1.42E-03 | 6.59E-03 |
| PARG | -0.09 | -4.18 | 1.43E-03 | 6.60E-03 |
| MYOZ1 | 1.33 | 4.18 | 1.43E-03 | 6.60E-03 |
| CASTOR2 | 0.30 | 4.18 | 1.43E-03 | 6.61E-03 |
| SOX4 | -0.23 | -4.18 | 1.44E-03 | 6.65E-03 |
| ASDURF | 0.34 | 4.17 | 1.44E-03 | 6.65E-03 |
| C7orf50 | 0.24 | 4.17 | 1.44E-03 | 6.65E-03 |
| WDR82 | -0.07 | -4.17 | 1.44E-03 | 6.65E-03 |
| LYVE1 | 0.43 | 4.17 | 1.44E-03 | 6.66E-03 |
| RNFT1 | -0.13 | -4.17 | 1.45E-03 | 6.69E-03 |
| PCF11 | -0.08 | -4.17 | 1.45E-03 | 6.69E-03 |
| PHF11 | -0.12 | -4.17 | 1.45E-03 | 6.70E-03 |
| UTP4 | 0.06 | 4.17 | 1.45E-03 | 6.70E-03 |
| NCOA5 | 0.11 | 4.17 | 1.45E-03 | 6.70E-03 |
| RBM44 | -0.29 | -4.17 | 1.46E-03 | 6.70E-03 |
| BBS2 | -0.08 | -4.17 | 1.45E-03 | 6.70E-03 |
| GCFC2 | -0.11 | -4.17 | 1.45E-03 | 6.70E-03 |
| SELP | 0.21 | 4.17 | 1.46E-03 | 6.70E-03 |
| RRP8 | -0.12 | -4.17 | 1.46E-03 | 6.70E-03 |
| EPB41L4A | -0.14 | -4.17 | 1.46E-03 | 6.72E-03 |
| C3orf70 | 0.57 | 4.16 | 1.47E-03 | 6.75E-03 |
| OSBP | 0.07 | 4.16 | 1.47E-03 | 6.75E-03 |
| SLC35A3 | -0.17 | -4.16 | 1.47E-03 | 6.75E-03 |
| ARL5B | -0.14 | -4.16 | 1.47E-03 | 6.75E-03 |
| COPS6 | 0.07 | 4.16 | 1.48E-03 | 6.77E-03 |
| HEG1 | 0.07 | 4.16 | 1.48E-03 | 6.78E-03 |
| AIM2 | 0.44 | 4.16 | 1.48E-03 | 6.78E-03 |
| NUTM2G | -0.23 | -4.16 | 1.48E-03 | 6.78E-03 |
| EYS | -0.22 | -4.16 | 1.48E-03 | 6.79E-03 |
| CEBPB | 0.33 | 4.16 | 1.48E-03 | 6.79E-03 |
| AQR | -0.08 | -4.16 | 1.48E-03 | 6.79E-03 |
| RAB2B | -0.14 | -4.16 | 1.48E-03 | 6.80E-03 |
| ZNF681 | -0.60 | -4.16 | 1.49E-03 | 6.80E-03 |
| COA6 | 0.40 | 4.16 | 1.49E-03 | 6.80E-03 |
| NEDD9 | 0.12 | 4.16 | 1.49E-03 | 6.80E-03 |
| CKMT2 | 0.31 | 4.16 | 1.49E-03 | 6.80E-03 |
| HCFC1 | 0.08 | 4.15 | 1.49E-03 | 6.83E-03 |
| SPINK7 | 0.17 | 4.15 | 1.50E-03 | 6.83E-03 |
| MAP3K7 | -0.11 | -4.15 | 1.50E-03 | 6.83E-03 |
| GPATCH1 | -0.10 | -4.15 | 1.50E-03 | 6.83E-03 |
| PUS7L | -0.07 | -4.15 | 1.50E-03 | 6.83E-03 |
| F8 | 0.16 | 4.15 | 1.50E-03 | 6.84E-03 |
| PRKCH | -0.11 | -4.15 | 1.50E-03 | 6.85E-03 |
| FNDC4 | -0.21 | -4.15 | 1.51E-03 | 6.87E-03 |
| OLFML1 | 0.19 | 4.15 | 1.51E-03 | 6.87E-03 |
| NHS | -0.17 | -4.15 | 1.51E-03 | 6.87E-03 |
| CHD9 | -0.09 | -4.15 | 1.51E-03 | 6.87E-03 |
| TMEM8B | -0.17 | -4.15 | 1.51E-03 | 6.88E-03 |
| CHRNA5 | 0.34 | 4.15 | 1.51E-03 | 6.89E-03 |
| ADGRA2 | 0.11 | 4.14 | 1.52E-03 | 6.90E-03 |
| PAX8 | -0.35 | -4.14 | 1.52E-03 | 6.91E-03 |
| DDR1 | -0.10 | -4.14 | 1.52E-03 | 6.92E-03 |
| ADAMTS12 | 0.15 | 4.14 | 1.52E-03 | 6.93E-03 |
| MYH3 | 0.17 | 4.14 | 1.53E-03 | 6.93E-03 |
| DUOX2 | -0.10 | -4.14 | 1.53E-03 | 6.93E-03 |
| TTC3 | -0.07 | -4.14 | 1.53E-03 | 6.93E-03 |
| SERTAD4 | -0.24 | -4.14 | 1.53E-03 | 6.93E-03 |
| ADNP2 | -0.08 | -4.14 | 1.53E-03 | 6.93E-03 |
| SLC18B1 | -0.22 | -4.14 | 1.53E-03 | 6.93E-03 |
| ADCY3 | 0.09 | 4.14 | 1.53E-03 | 6.94E-03 |
| NME7 | -0.14 | -4.14 | 1.53E-03 | 6.94E-03 |
| FHL2 | 0.14 | 4.14 | 1.53E-03 | 6.94E-03 |
| TRAPPC2L | 0.14 | 4.14 | 1.53E-03 | 6.94E-03 |
| MRPL37 | 0.08 | 4.14 | 1.53E-03 | 6.94E-03 |
| GTF3C1 | -0.07 | -4.14 | 1.53E-03 | 6.94E-03 |
| CUL1 | 0.05 | 4.14 | 1.53E-03 | 6.94E-03 |
| MGST2 | -0.10 | -4.14 | 1.54E-03 | 6.95E-03 |
| PTPRD | 0.17 | 4.14 | 1.54E-03 | 6.96E-03 |
| PIR | 0.12 | 4.14 | 1.54E-03 | 6.96E-03 |
| SLC6A9 | 0.13 | 4.14 | 1.54E-03 | 6.96E-03 |
| IFNAR1 | -0.10 | -4.13 | 1.55E-03 | 6.98E-03 |
| CLASP2 | -0.08 | -4.13 | 1.55E-03 | 7.01E-03 |
| SETDB2 | -0.11 | -4.13 | 1.55E-03 | 7.01E-03 |
| ERG | 0.22 | 4.13 | 1.55E-03 | 7.01E-03 |
| RECK | 0.13 | 4.13 | 1.56E-03 | 7.02E-03 |
| TRAK1 | -0.08 | -4.13 | 1.56E-03 | 7.02E-03 |
| KIAA2026 | -0.07 | -4.13 | 1.56E-03 | 7.02E-03 |
| EXTL3 | 0.14 | 4.13 | 1.56E-03 | 7.02E-03 |
| GUCY1A1 | 0.16 | 4.13 | 1.56E-03 | 7.03E-03 |
| C1orf216 | 0.48 | 4.13 | 1.56E-03 | 7.03E-03 |
| OSGEP | -0.10 | -4.13 | 1.56E-03 | 7.03E-03 |
| WASL | 0.09 | 4.13 | 1.56E-03 | 7.04E-03 |
| ATL2 | -0.07 | -4.13 | 1.56E-03 | 7.04E-03 |
| PLCE1 | 0.17 | 4.13 | 1.57E-03 | 7.04E-03 |
| KCMF1 | 0.09 | 4.13 | 1.57E-03 | 7.05E-03 |
| AP2A2 | 0.08 | 4.13 | 1.57E-03 | 7.05E-03 |
| ATP11B | -0.08 | -4.12 | 1.57E-03 | 7.05E-03 |
| ASCC1 | -0.07 | -4.12 | 1.57E-03 | 7.06E-03 |
| TBC1D22A | -0.11 | -4.12 | 1.57E-03 | 7.06E-03 |
| HIST1H2BL | 0.12 | 4.12 | 1.58E-03 | 7.08E-03 |
| ENTPD1 | 0.11 | 4.12 | 1.59E-03 | 7.11E-03 |
| CA2 | 0.26 | 4.12 | 1.59E-03 | 7.11E-03 |
| RALA | -0.13 | -4.12 | 1.59E-03 | 7.11E-03 |
| DNAJB5 | 0.35 | 4.12 | 1.59E-03 | 7.12E-03 |
| LMF1 | -0.27 | -4.12 | 1.59E-03 | 7.12E-03 |
| PAQR5 | -0.15 | -4.12 | 1.59E-03 | 7.12E-03 |
| MXRA7 | 0.25 | 4.12 | 1.59E-03 | 7.12E-03 |
| RUFY3 | -0.09 | -4.12 | 1.59E-03 | 7.13E-03 |
| ETS2 | -0.11 | -4.11 | 1.60E-03 | 7.15E-03 |
| LGALS9 | 0.17 | 4.11 | 1.60E-03 | 7.15E-03 |
| TLN1 | 0.05 | 4.11 | 1.60E-03 | 7.15E-03 |
| CD177 | -0.98 | -4.11 | 1.60E-03 | 7.16E-03 |
| ABCC10 | -0.11 | -4.11 | 1.60E-03 | 7.17E-03 |
| CYP19A1 | 1.20 | 4.11 | 1.61E-03 | 7.17E-03 |
| PDSS1 | -0.24 | -4.11 | 1.61E-03 | 7.18E-03 |
| C15orf41 | -0.17 | -4.11 | 1.61E-03 | 7.19E-03 |
| HOMER1 | 0.24 | 4.11 | 1.61E-03 | 7.20E-03 |
| LIMCH1 | 0.13 | 4.11 | 1.61E-03 | 7.20E-03 |
| CLPB | 0.13 | 4.11 | 1.62E-03 | 7.23E-03 |
| FAM102A | 0.12 | 4.10 | 1.62E-03 | 7.24E-03 |
| AC027644.4 | -0.14 | -4.10 | 1.63E-03 | 7.24E-03 |
| GSTO1 | -0.13 | -4.10 | 1.63E-03 | 7.25E-03 |
| HGF | 0.30 | 4.10 | 1.64E-03 | 7.28E-03 |
| B4GALT1 | -0.09 | -4.10 | 1.64E-03 | 7.30E-03 |
| YIPF4 | -0.12 | -4.10 | 1.64E-03 | 7.32E-03 |
| SLC3A2 | 0.08 | 4.10 | 1.65E-03 | 7.33E-03 |
| CLPP | 0.21 | 4.10 | 1.65E-03 | 7.33E-03 |
| ARRDC3 | -0.09 | -4.10 | 1.65E-03 | 7.33E-03 |
| EPM2AIP1 | -0.08 | -4.10 | 1.65E-03 | 7.33E-03 |
| ATP8B2 | 0.08 | 4.10 | 1.65E-03 | 7.33E-03 |
| GALNT11 | -0.10 | -4.09 | 1.65E-03 | 7.34E-03 |
| ALDOC | -0.24 | -4.09 | 1.65E-03 | 7.34E-03 |
| HEBP1 | 0.13 | 4.09 | 1.65E-03 | 7.34E-03 |
| RASGRP3 | 0.22 | 4.09 | 1.66E-03 | 7.34E-03 |
| AC092824.3 | -0.07 | -4.09 | 1.66E-03 | 7.34E-03 |
| DSC3 | -0.06 | -4.09 | 1.66E-03 | 7.34E-03 |
| AC004556.1 | 0.13 | 4.09 | 1.66E-03 | 7.35E-03 |
| LSS | -0.07 | -4.09 | 1.66E-03 | 7.35E-03 |
| C1QC | 0.24 | 4.09 | 1.66E-03 | 7.35E-03 |
| SYNJ1 | -0.12 | -4.09 | 1.66E-03 | 7.35E-03 |
| RSAD2 | 0.24 | 4.09 | 1.66E-03 | 7.35E-03 |
| RIC1 | -0.08 | -4.09 | 1.66E-03 | 7.37E-03 |
| UBE2A | 0.14 | 4.09 | 1.67E-03 | 7.38E-03 |
| CDR1 | 0.13 | 4.09 | 1.67E-03 | 7.38E-03 |
| PYGM | 0.93 | 4.09 | 1.67E-03 | 7.40E-03 |
| MAPK12 | 0.35 | 4.09 | 1.68E-03 | 7.41E-03 |
| GSDMB | -0.16 | -4.09 | 1.68E-03 | 7.42E-03 |
| IFNLR1 | -0.19 | -4.09 | 1.68E-03 | 7.42E-03 |
| TMEM164 | 0.13 | 4.08 | 1.68E-03 | 7.42E-03 |
| LPCAT3 | 0.11 | 4.08 | 1.68E-03 | 7.42E-03 |
| LYRM4 | -0.08 | -4.08 | 1.68E-03 | 7.42E-03 |
| OSR1 | 0.25 | 4.08 | 1.68E-03 | 7.43E-03 |
| BRIX1 | 0.10 | 4.08 | 1.69E-03 | 7.45E-03 |
| PPP1R3B | -0.43 | -4.08 | 1.69E-03 | 7.45E-03 |
| TMEM100 | 0.72 | 4.08 | 1.69E-03 | 7.46E-03 |
| KIFAP3 | 0.07 | 4.08 | 1.69E-03 | 7.46E-03 |
| IVL | 0.14 | 4.08 | 1.69E-03 | 7.46E-03 |
| TMEM161B | -0.19 | -4.08 | 1.69E-03 | 7.46E-03 |
| C2CD3 | -0.05 | -4.08 | 1.70E-03 | 7.46E-03 |
| DNM1 | 0.10 | 4.08 | 1.70E-03 | 7.49E-03 |
| CENPB | 0.06 | 4.08 | 1.70E-03 | 7.49E-03 |
| ZNF136 | -0.19 | -4.08 | 1.70E-03 | 7.49E-03 |
| NKRF | 0.18 | 4.08 | 1.71E-03 | 7.49E-03 |
| CC2D2B | -0.28 | -4.08 | 1.71E-03 | 7.49E-03 |
| C1QTNF1 | 0.32 | 4.08 | 1.71E-03 | 7.50E-03 |
| PLEKHH1 | -0.21 | -4.08 | 1.71E-03 | 7.51E-03 |
| SDC1 | -0.06 | -4.07 | 1.71E-03 | 7.51E-03 |
| UQCRFS1 | 0.11 | 4.07 | 1.72E-03 | 7.52E-03 |
| ZNF443 | -0.26 | -4.07 | 1.72E-03 | 7.55E-03 |
| IMPAD1 | 0.12 | 4.07 | 1.72E-03 | 7.55E-03 |
| TCAIM | -0.19 | -4.07 | 1.72E-03 | 7.56E-03 |
| NNMT | 0.22 | 4.07 | 1.73E-03 | 7.56E-03 |
| TOMM40 | 0.10 | 4.07 | 1.73E-03 | 7.56E-03 |
| UTRN | -0.07 | -4.07 | 1.73E-03 | 7.56E-03 |
| CYP4F11 | 0.41 | 4.07 | 1.73E-03 | 7.58E-03 |
| FHDC1 | -0.06 | -4.07 | 1.73E-03 | 7.58E-03 |
| CSTF3 | -0.08 | -4.07 | 1.74E-03 | 7.59E-03 |
| SLC9C1 | -0.21 | -4.07 | 1.74E-03 | 7.59E-03 |
| FAM3D | -0.50 | -4.06 | 1.74E-03 | 7.61E-03 |
| CDC40 | -0.09 | -4.06 | 1.74E-03 | 7.61E-03 |
| TTC23 | -0.11 | -4.06 | 1.74E-03 | 7.61E-03 |
| PI4KA | -0.05 | -4.07 | 1.74E-03 | 7.61E-03 |
| MT-CO2 | 0.16 | 4.06 | 1.74E-03 | 7.62E-03 |
| RARA | 0.13 | 4.06 | 1.75E-03 | 7.62E-03 |
| NNAT | -0.25 | -4.06 | 1.75E-03 | 7.63E-03 |
| LRCH3 | -0.11 | -4.06 | 1.75E-03 | 7.63E-03 |
| CCNQ | 0.32 | 4.06 | 1.75E-03 | 7.64E-03 |
| SH3BP5 | 0.07 | 4.06 | 1.76E-03 | 7.65E-03 |
| ZCCHC4 | -0.16 | -4.06 | 1.76E-03 | 7.65E-03 |
| MTERF1 | -0.10 | -4.06 | 1.76E-03 | 7.65E-03 |
| STX12 | -0.14 | -4.06 | 1.76E-03 | 7.65E-03 |
| ARAP3 | 0.15 | 4.06 | 1.76E-03 | 7.65E-03 |
| C9orf78 | 0.16 | 4.06 | 1.76E-03 | 7.66E-03 |
| STRBP | -0.07 | -4.06 | 1.76E-03 | 7.66E-03 |
| HAUS3 | -0.11 | -4.06 | 1.76E-03 | 7.66E-03 |
| EID1 | 0.13 | 4.06 | 1.76E-03 | 7.67E-03 |
| PLEKHG3 | -0.14 | -4.06 | 1.76E-03 | 7.67E-03 |
| CNNM4 | 0.18 | 4.06 | 1.77E-03 | 7.67E-03 |
| RBPMS | 0.18 | 4.06 | 1.77E-03 | 7.67E-03 |
| RAB27A | -0.21 | -4.06 | 1.77E-03 | 7.67E-03 |
| HCAR2 | -0.18 | -4.05 | 1.77E-03 | 7.69E-03 |
| HNRNPH1 | -0.09 | -4.05 | 1.78E-03 | 7.70E-03 |
| TEAD1 | 0.12 | 4.05 | 1.78E-03 | 7.70E-03 |
| RIOK3 | -0.13 | -4.05 | 1.78E-03 | 7.71E-03 |
| RAD50 | -0.13 | -4.05 | 1.78E-03 | 7.73E-03 |
| ZNF525 | -0.52 | -4.05 | 1.78E-03 | 7.73E-03 |
| ERG28 | 0.13 | 4.05 | 1.79E-03 | 7.73E-03 |
| SYNE2 | -0.06 | -4.05 | 1.79E-03 | 7.73E-03 |
| CUL7 | -0.08 | -4.05 | 1.79E-03 | 7.73E-03 |
| TTC21B | -0.10 | -4.05 | 1.79E-03 | 7.73E-03 |
| FGD6 | -0.06 | -4.05 | 1.79E-03 | 7.75E-03 |
| SSX2IP | -0.19 | -4.05 | 1.79E-03 | 7.75E-03 |
| DHX30 | 0.06 | 4.05 | 1.79E-03 | 7.76E-03 |
| ZNF280C | 0.15 | 4.05 | 1.80E-03 | 7.76E-03 |
| PPCS | -0.13 | -4.05 | 1.80E-03 | 7.76E-03 |
| E2F8 | -0.18 | -4.05 | 1.80E-03 | 7.76E-03 |
| MAP4K1 | -0.09 | -4.05 | 1.80E-03 | 7.77E-03 |
| TRIM54 | -0.06 | -4.04 | 1.80E-03 | 7.78E-03 |
| VAV2 | 0.10 | 4.04 | 1.81E-03 | 7.80E-03 |
| ERAP1 | -0.05 | -4.04 | 1.81E-03 | 7.80E-03 |
| TET3 | -0.06 | -4.04 | 1.81E-03 | 7.80E-03 |
| OPLAH | -0.12 | -4.04 | 1.81E-03 | 7.80E-03 |
| ESYT3 | 0.19 | 4.04 | 1.81E-03 | 7.81E-03 |
| RANBP1 | 0.10 | 4.04 | 1.82E-03 | 7.82E-03 |
| MX2 | 0.11 | 4.04 | 1.82E-03 | 7.82E-03 |
| LRRC40 | -0.10 | -4.04 | 1.82E-03 | 7.83E-03 |
| GNAL | -0.23 | -4.04 | 1.82E-03 | 7.84E-03 |
| CNIH4 | 0.10 | 4.04 | 1.83E-03 | 7.87E-03 |
| SMC1A | 0.06 | 4.04 | 1.83E-03 | 7.87E-03 |
| SOCS2 | -0.22 | -4.04 | 1.83E-03 | 7.87E-03 |
| MAGI2 | -0.18 | -4.04 | 1.83E-03 | 7.87E-03 |
| STX7 | -0.11 | -4.04 | 1.83E-03 | 7.87E-03 |
| NF2 | 0.08 | 4.03 | 1.84E-03 | 7.89E-03 |
| GNAI1 | 0.09 | 4.03 | 1.84E-03 | 7.92E-03 |
| LYAR | 0.19 | 4.03 | 1.85E-03 | 7.94E-03 |
| TNFAIP2 | -0.17 | -4.03 | 1.85E-03 | 7.94E-03 |
| OAT | -0.10 | -4.03 | 1.85E-03 | 7.94E-03 |
| MGST1 | 0.26 | 4.03 | 1.86E-03 | 7.96E-03 |
| MYLK | 0.15 | 4.03 | 1.86E-03 | 7.96E-03 |
| IFI44L | 0.17 | 4.03 | 1.86E-03 | 7.96E-03 |
| ALKBH1 | -0.15 | -4.03 | 1.86E-03 | 7.96E-03 |
| CHSY1 | -0.07 | -4.03 | 1.86E-03 | 7.96E-03 |
| TGM2 | 0.41 | 4.03 | 1.86E-03 | 7.96E-03 |
| GLI1 | 0.82 | 4.03 | 1.87E-03 | 7.98E-03 |
| JMJD7 | -0.17 | -4.02 | 1.87E-03 | 7.99E-03 |
| ARID3B | -0.26 | -4.02 | 1.87E-03 | 7.99E-03 |
| CCN2 | 0.28 | 4.02 | 1.87E-03 | 8.01E-03 |
| MGST3 | 0.09 | 4.02 | 1.88E-03 | 8.02E-03 |
| RGS11 | 0.51 | 4.02 | 1.88E-03 | 8.04E-03 |
| RPLP0 | 0.05 | 4.02 | 1.88E-03 | 8.04E-03 |
| RHOBTB3 | 0.10 | 4.02 | 1.88E-03 | 8.04E-03 |
| FAM122B | 0.09 | 4.02 | 1.88E-03 | 8.04E-03 |
| MARC2 | -0.21 | -4.02 | 1.89E-03 | 8.04E-03 |
| NFKBIA | 0.09 | 4.02 | 1.89E-03 | 8.05E-03 |
| PLCD4 | 0.11 | 4.02 | 1.89E-03 | 8.06E-03 |
| LSM4 | 0.18 | 4.02 | 1.89E-03 | 8.06E-03 |
| RTL8B | 0.37 | 4.02 | 1.89E-03 | 8.06E-03 |
| NOL6 | 0.09 | 4.02 | 1.89E-03 | 8.07E-03 |
| LDB2 | 0.10 | 4.01 | 1.90E-03 | 8.10E-03 |
| SNX12 | 0.13 | 4.01 | 1.90E-03 | 8.10E-03 |
| HHIP | 0.91 | 4.01 | 1.91E-03 | 8.11E-03 |
| STMN3 | 0.21 | 4.01 | 1.91E-03 | 8.12E-03 |
| TMEM254 | -0.18 | -4.01 | 1.91E-03 | 8.12E-03 |
| PPA2 | -0.10 | -4.01 | 1.91E-03 | 8.13E-03 |
| CORIN | -0.30 | -4.01 | 1.92E-03 | 8.15E-03 |
| ARMCX6 | -0.18 | -4.01 | 1.92E-03 | 8.15E-03 |
| DTX1 | 0.68 | 4.01 | 1.92E-03 | 8.16E-03 |
| PPP4R2 | -0.09 | -4.01 | 1.92E-03 | 8.16E-03 |
| NBPF1 | -0.08 | -4.01 | 1.93E-03 | 8.18E-03 |
| GNAZ | 0.54 | 4.01 | 1.93E-03 | 8.19E-03 |
| SSU72 | 0.08 | 4.00 | 1.93E-03 | 8.19E-03 |
| TLE2 | -0.16 | -4.01 | 1.93E-03 | 8.19E-03 |
| FLOT2 | -0.08 | -4.01 | 1.93E-03 | 8.19E-03 |
| SDC3 | 0.44 | 4.00 | 1.94E-03 | 8.20E-03 |
| SLC9A7 | 0.15 | 4.00 | 1.94E-03 | 8.22E-03 |
| PADI2 | 0.77 | 4.00 | 1.95E-03 | 8.24E-03 |
| BAG3 | 0.08 | 4.00 | 1.95E-03 | 8.25E-03 |
| ADSSL1 | 0.25 | 4.00 | 1.95E-03 | 8.26E-03 |
| ALOX12 | -0.29 | -4.00 | 1.96E-03 | 8.28E-03 |
| ACOT2 | 0.15 | 4.00 | 1.96E-03 | 8.28E-03 |
| PARP6 | -0.07 | -4.00 | 1.96E-03 | 8.28E-03 |
| STXBP4 | -0.25 | -4.00 | 1.96E-03 | 8.30E-03 |
| NIPAL3 | -0.28 | -4.00 | 1.96E-03 | 8.30E-03 |
| HS1BP3 | 0.13 | 3.99 | 1.97E-03 | 8.31E-03 |
| ZNF766 | -0.12 | -3.99 | 1.97E-03 | 8.31E-03 |
| APLNR | 0.31 | 3.99 | 1.97E-03 | 8.32E-03 |
| DMPK | 0.07 | 3.99 | 1.98E-03 | 8.35E-03 |
| SQSTM1 | 0.06 | 3.99 | 1.98E-03 | 8.35E-03 |
| INCA1 | -0.34 | -3.99 | 1.98E-03 | 8.35E-03 |
| CEP55 | 0.27 | 3.99 | 1.99E-03 | 8.38E-03 |
| CTPS1 | 0.08 | 3.99 | 1.99E-03 | 8.38E-03 |
| HIST1H2BM | 0.15 | 3.99 | 1.99E-03 | 8.40E-03 |
| C2CD5 | -0.06 | -3.99 | 2.00E-03 | 8.41E-03 |
| UQCRHL | 0.16 | 3.99 | 2.00E-03 | 8.42E-03 |
| DYRK4 | 0.14 | 3.99 | 2.00E-03 | 8.42E-03 |
| UBE2E1 | -0.10 | -3.98 | 2.01E-03 | 8.44E-03 |
| TAF3 | 0.11 | 3.98 | 2.01E-03 | 8.46E-03 |
| MIGA1 | -0.16 | -3.98 | 2.01E-03 | 8.47E-03 |
| RECQL5 | -0.13 | -3.98 | 2.01E-03 | 8.47E-03 |
| WASF1 | -0.16 | -3.98 | 2.02E-03 | 8.48E-03 |
| SNRPA | 0.10 | 3.98 | 2.02E-03 | 8.49E-03 |
| CRKL | 0.07 | 3.98 | 2.02E-03 | 8.50E-03 |
| SIGMAR1 | 0.16 | 3.98 | 2.03E-03 | 8.51E-03 |
| NFIX | -0.06 | -3.98 | 2.03E-03 | 8.51E-03 |
| TRIM8 | 0.09 | 3.98 | 2.03E-03 | 8.52E-03 |
| TMEM30A | -0.09 | -3.98 | 2.03E-03 | 8.52E-03 |
| RAB3IP | 0.15 | 3.98 | 2.03E-03 | 8.53E-03 |
| SEMA4G | -0.13 | -3.97 | 2.04E-03 | 8.54E-03 |
| CARD8 | -0.11 | -3.97 | 2.04E-03 | 8.54E-03 |
| ZMYND8 | -0.07 | -3.97 | 2.04E-03 | 8.55E-03 |
| IGKV3-11 | 0.58 | 3.97 | 2.04E-03 | 8.55E-03 |
| UBE2I | 0.11 | 3.97 | 2.04E-03 | 8.55E-03 |
| TMEM259 | -0.10 | -3.97 | 2.05E-03 | 8.57E-03 |
| FUNDC2 | 0.26 | 3.97 | 2.05E-03 | 8.59E-03 |
| NENF | 0.19 | 3.97 | 2.05E-03 | 8.59E-03 |
| IGBP1 | 0.08 | 3.97 | 2.06E-03 | 8.59E-03 |
| PBDC1 | 0.14 | 3.97 | 2.06E-03 | 8.60E-03 |
| FGF7 | 0.16 | 3.97 | 2.07E-03 | 8.64E-03 |
| ZNF782 | -0.13 | -3.97 | 2.07E-03 | 8.64E-03 |
| FEM1A | 0.17 | 3.96 | 2.07E-03 | 8.66E-03 |
| LPAR1 | 0.10 | 3.96 | 2.08E-03 | 8.67E-03 |
| CDHR5 | -0.54 | -3.96 | 2.08E-03 | 8.67E-03 |
| NME2 | 0.08 | 3.96 | 2.08E-03 | 8.67E-03 |
| CDC25A | 0.27 | 3.96 | 2.09E-03 | 8.71E-03 |
| GNPAT | -0.07 | -3.96 | 2.09E-03 | 8.71E-03 |
| MORN1 | -0.20 | -3.96 | 2.09E-03 | 8.71E-03 |
| SUGT1 | -0.07 | -3.96 | 2.09E-03 | 8.71E-03 |
| ETHE1 | -0.19 | -3.96 | 2.10E-03 | 8.74E-03 |
| KIAA1324L | 0.24 | 3.96 | 2.10E-03 | 8.76E-03 |
| RNF149 | -0.08 | -3.96 | 2.11E-03 | 8.77E-03 |
| C5orf15 | -0.22 | -3.95 | 2.11E-03 | 8.80E-03 |
| FAM129B | -0.08 | -3.95 | 2.12E-03 | 8.81E-03 |
| ATP11A | -0.10 | -3.95 | 2.12E-03 | 8.82E-03 |
| TMEM260 | -0.14 | -3.95 | 2.12E-03 | 8.82E-03 |
| FAM227B | -0.26 | -3.95 | 2.12E-03 | 8.83E-03 |
| GCNT7 | -0.39 | -3.95 | 2.13E-03 | 8.83E-03 |
| RPS6KC1 | 0.06 | 3.95 | 2.13E-03 | 8.84E-03 |
| DUT | -0.15 | -3.95 | 2.13E-03 | 8.84E-03 |
| NECAP2 | -0.11 | -3.95 | 2.13E-03 | 8.84E-03 |
| RARRES2 | 0.22 | 3.95 | 2.13E-03 | 8.84E-03 |
| VPS4A | 0.12 | 3.95 | 2.14E-03 | 8.86E-03 |
| CYP2C18 | -0.26 | -3.95 | 2.14E-03 | 8.86E-03 |
| HYAL1 | 0.37 | 3.95 | 2.14E-03 | 8.86E-03 |
| MCM4 | -0.05 | -3.95 | 2.14E-03 | 8.86E-03 |
| NBAS | -0.05 | -3.95 | 2.14E-03 | 8.87E-03 |
| LSM10 | 0.32 | 3.95 | 2.14E-03 | 8.87E-03 |
| MFSD8 | -0.17 | -3.95 | 2.14E-03 | 8.88E-03 |
| KCNS3 | 0.13 | 3.95 | 2.14E-03 | 8.88E-03 |
| CDKAL1 | -0.10 | -3.95 | 2.15E-03 | 8.88E-03 |
| CASKIN2 | 0.14 | 3.94 | 2.15E-03 | 8.89E-03 |
| MRPL32 | 0.14 | 3.94 | 2.15E-03 | 8.89E-03 |
| MAK | -0.31 | -3.94 | 2.16E-03 | 8.95E-03 |
| PLOD1 | 0.07 | 3.94 | 2.17E-03 | 8.95E-03 |
| SATB1 | -0.11 | -3.94 | 2.18E-03 | 9.00E-03 |
| NACC1 | 0.13 | 3.94 | 2.18E-03 | 9.00E-03 |
| KBTBD3 | -0.34 | -3.94 | 2.18E-03 | 9.01E-03 |
| GGNBP2 | -0.07 | -3.93 | 2.19E-03 | 9.05E-03 |
| SMAD7 | 0.25 | 3.93 | 2.20E-03 | 9.07E-03 |
| PRDX3 | -0.14 | -3.93 | 2.20E-03 | 9.09E-03 |
| PUS10 | -0.23 | -3.93 | 2.20E-03 | 9.09E-03 |
| FAM104B | 0.86 | 3.93 | 2.21E-03 | 9.10E-03 |
| PPARGC1B | 0.11 | 3.93 | 2.22E-03 | 9.13E-03 |
| ZNF268 | -0.10 | -3.93 | 2.21E-03 | 9.13E-03 |
| ZNF547 | -0.28 | -3.93 | 2.22E-03 | 9.14E-03 |
| AARS2 | -0.10 | -3.93 | 2.22E-03 | 9.14E-03 |
| HTRA3 | 0.46 | 3.93 | 2.22E-03 | 9.14E-03 |
| PNPLA1 | 1.26 | 3.92 | 2.23E-03 | 9.16E-03 |
| MYC | 0.14 | 3.92 | 2.23E-03 | 9.16E-03 |
| ENG | 0.15 | 3.92 | 2.23E-03 | 9.16E-03 |
| PRKG2 | 0.39 | 3.92 | 2.23E-03 | 9.16E-03 |
| ATG4A | 0.18 | 3.92 | 2.23E-03 | 9.16E-03 |
| KIF26A | 0.29 | 3.92 | 2.23E-03 | 9.16E-03 |
| SEC31A | -0.06 | -3.92 | 2.23E-03 | 9.16E-03 |
| AHNAK2 | -0.05 | -3.92 | 2.23E-03 | 9.16E-03 |
| ZNF440 | -0.14 | -3.92 | 2.23E-03 | 9.16E-03 |
| MED13 | -0.06 | -3.92 | 2.23E-03 | 9.16E-03 |
| SPAG8 | 0.27 | 3.92 | 2.24E-03 | 9.17E-03 |
| ABTB2 | 0.19 | 3.92 | 2.24E-03 | 9.17E-03 |
| MARK1 | 0.06 | 3.92 | 2.24E-03 | 9.17E-03 |
| GNAI2 | 0.07 | 3.92 | 2.24E-03 | 9.17E-03 |
| KRTAP4-16 | -0.36 | -3.92 | 2.24E-03 | 9.17E-03 |
| ZNF540 | -0.25 | -3.92 | 2.24E-03 | 9.18E-03 |
| WNT5B | -0.25 | -3.92 | 2.25E-03 | 9.21E-03 |
| LAMC2 | 0.10 | 3.92 | 2.26E-03 | 9.25E-03 |
| DLG5 | -0.05 | -3.92 | 2.26E-03 | 9.25E-03 |
| NEURL1 | 0.30 | 3.91 | 2.27E-03 | 9.27E-03 |
| CDH19 | 0.34 | 3.91 | 2.27E-03 | 9.29E-03 |
| ISY1-RAB43 | 0.25 | 3.91 | 2.28E-03 | 9.32E-03 |
| GNL3 | -0.05 | -3.91 | 2.28E-03 | 9.34E-03 |
| ZNF813 | -0.32 | -3.91 | 2.29E-03 | 9.34E-03 |
| LIAS | -0.16 | -3.91 | 2.29E-03 | 9.34E-03 |
| UCP3 | 0.41 | 3.91 | 2.29E-03 | 9.35E-03 |
| ERBB3 | -0.06 | -3.91 | 2.30E-03 | 9.37E-03 |
| DNAH1 | -0.11 | -3.91 | 2.30E-03 | 9.37E-03 |
| TMEM159 | -0.22 | -3.90 | 2.30E-03 | 9.40E-03 |
| TYW5 | -0.12 | -3.90 | 2.31E-03 | 9.44E-03 |
| CCN3 | 0.69 | 3.90 | 2.32E-03 | 9.44E-03 |
| SMARCAD1 | -0.07 | -3.90 | 2.32E-03 | 9.44E-03 |
| MAPK10 | 0.31 | 3.90 | 2.32E-03 | 9.46E-03 |
| PAIP2B | -0.17 | -3.90 | 2.32E-03 | 9.46E-03 |
| METTL4 | -0.15 | -3.90 | 2.33E-03 | 9.49E-03 |
| MT-CO3 | 0.10 | 3.90 | 2.33E-03 | 9.50E-03 |
| ELF4 | 0.19 | 3.90 | 2.34E-03 | 9.50E-03 |
| C1QBP | 0.10 | 3.89 | 2.35E-03 | 9.55E-03 |
| KLF7 | 0.19 | 3.89 | 2.35E-03 | 9.55E-03 |
| PDLIM4 | 0.16 | 3.89 | 2.35E-03 | 9.55E-03 |
| BLNK | -0.17 | -3.89 | 2.35E-03 | 9.55E-03 |
| HPS4 | -0.14 | -3.89 | 2.35E-03 | 9.55E-03 |
| RTKN2 | -0.61 | -3.89 | 2.35E-03 | 9.55E-03 |
| RAB11FIP1 | -0.08 | -3.89 | 2.36E-03 | 9.56E-03 |
| BOLA2B | 0.26 | 3.89 | 2.36E-03 | 9.58E-03 |
| BOLA2 | 0.26 | 3.89 | 2.36E-03 | 9.58E-03 |
| MAGI3 | -0.09 | -3.89 | 2.36E-03 | 9.58E-03 |
| CACNA1C | 0.09 | 3.89 | 2.36E-03 | 9.59E-03 |
| ANKMY2 | -0.12 | -3.89 | 2.36E-03 | 9.59E-03 |
| CRISPLD2 | 0.18 | 3.89 | 2.37E-03 | 9.61E-03 |
| ZFHX3 | 0.36 | 3.89 | 2.37E-03 | 9.62E-03 |
| FOXF1 | 0.69 | 3.89 | 2.38E-03 | 9.64E-03 |
| HMGN5 | 0.31 | 3.89 | 2.38E-03 | 9.65E-03 |
| DHCR24 | -0.06 | -3.89 | 2.38E-03 | 9.65E-03 |
| MBTPS1 | -0.05 | -3.88 | 2.39E-03 | 9.69E-03 |
| PDIA4 | 0.06 | 3.88 | 2.40E-03 | 9.69E-03 |
| CYP2F1 | -0.47 | -3.88 | 2.40E-03 | 9.69E-03 |
| SLC29A1 | 0.17 | 3.88 | 2.41E-03 | 9.73E-03 |
| LHX8 | 0.24 | 3.88 | 2.41E-03 | 9.73E-03 |
| PYCARD | 0.25 | 3.88 | 2.41E-03 | 9.73E-03 |
| ZNF615 | -0.13 | -3.88 | 2.41E-03 | 9.74E-03 |
| VPS13C | 0.07 | 3.88 | 2.41E-03 | 9.74E-03 |
| TMED10 | -0.07 | -3.88 | 2.42E-03 | 9.75E-03 |
| ATP6V1F | 0.11 | 3.88 | 2.42E-03 | 9.76E-03 |
| STXBP1 | 0.11 | 3.88 | 2.42E-03 | 9.76E-03 |
| SETD1A | 0.07 | 3.88 | 2.42E-03 | 9.77E-03 |
| C3orf14 | -0.62 | -3.88 | 2.43E-03 | 9.78E-03 |
| ZNF749 | -0.42 | -3.87 | 2.43E-03 | 9.78E-03 |
| ACOT13 | 0.22 | 3.87 | 2.43E-03 | 9.79E-03 |
| DHX36 | -0.09 | -3.87 | 2.43E-03 | 9.79E-03 |
| SYCP2 | 0.19 | 3.87 | 2.43E-03 | 9.79E-03 |
| SEMA4A | -0.11 | -3.87 | 2.44E-03 | 9.81E-03 |
| ELMOD2 | -0.11 | -3.87 | 2.44E-03 | 9.82E-03 |
| CSAD | -0.12 | -3.87 | 2.44E-03 | 9.82E-03 |
| NAP1L2 | 0.34 | 3.87 | 2.45E-03 | 9.84E-03 |
| ECD | -0.07 | -3.87 | 2.45E-03 | 9.84E-03 |
| NDUFV1 | 0.06 | 3.87 | 2.45E-03 | 9.85E-03 |
| RASSF6 | -0.29 | -3.87 | 2.45E-03 | 9.85E-03 |
| RNMT | -0.12 | -3.87 | 2.45E-03 | 9.85E-03 |
| FAM151A | -0.18 | -3.87 | 2.45E-03 | 9.85E-03 |
| CCN1 | 0.25 | 3.87 | 2.45E-03 | 9.85E-03 |
| TESK1 | 0.09 | 3.87 | 2.46E-03 | 9.86E-03 |
| PEX19 | 0.09 | 3.87 | 2.46E-03 | 9.88E-03 |
| ST14 | -0.06 | -3.87 | 2.47E-03 | 9.89E-03 |
| NOXA1 | -0.37 | -3.87 | 2.47E-03 | 9.89E-03 |
| ELL3 | -0.18 | -3.86 | 2.47E-03 | 9.91E-03 |
| CAPN1 | -0.05 | -3.86 | 2.47E-03 | 9.91E-03 |
| WDR13 | 0.08 | 3.86 | 2.47E-03 | 9.91E-03 |
| PPRC1 | 0.06 | 3.86 | 2.48E-03 | 9.91E-03 |
| PSMA5 | 0.08 | 3.86 | 2.48E-03 | 9.92E-03 |
| SGMS1 | -0.08 | -3.86 | 2.48E-03 | 9.93E-03 |
| PIDD1 | -0.17 | -3.86 | 2.48E-03 | 9.93E-03 |
| TEN1-CDK3 | -0.32 | -3.86 | 2.49E-03 | 9.94E-03 |
| TEN1 | -0.32 | -3.86 | 2.49E-03 | 9.94E-03 |
| WDR59 | -0.07 | -3.86 | 2.48E-03 | 9.94E-03 |
| ETV5 | 0.20 | 3.86 | 2.49E-03 | 9.95E-03 |
| PWWP2A | -0.11 | -3.86 | 2.49E-03 | 9.95E-03 |
| KRTCAP3 | -0.33 | -3.86 | 2.49E-03 | 9.95E-03 |
| CTDSPL2 | -0.10 | -3.86 | 2.50E-03 | 9.98E-03 |
| IL17RA | -0.07 | -3.86 | 2.51E-03 | 1.00E-02 |
| RGL3 | 0.33 | 3.86 | 2.51E-03 | 1.00E-02 |
| RILPL1 | 0.14 | 3.86 | 2.51E-03 | 1.00E-02 |
| ZNF558 | -0.15 | -3.86 | 2.51E-03 | 1.00E-02 |
| ICA1 | -0.31 | -3.85 | 2.52E-03 | 1.00E-02 |
| MANSC1 | 0.09 | 3.85 | 2.52E-03 | 1.00E-02 |
| FARSA | 0.07 | 3.85 | 2.53E-03 | 1.01E-02 |
| DNAJC13 | -0.08 | -3.85 | 2.53E-03 | 1.01E-02 |
| FSD1L | 0.33 | 3.85 | 2.53E-03 | 1.01E-02 |
| ANGPT1 | 0.63 | 3.85 | 2.54E-03 | 1.01E-02 |
| AMPD3 | 0.08 | 3.85 | 2.54E-03 | 1.01E-02 |
| ANAPC1 | -0.05 | -3.85 | 2.54E-03 | 1.01E-02 |
| DNAJB1 | -0.07 | -3.85 | 2.55E-03 | 1.01E-02 |
| LRRC4 | 0.10 | 3.85 | 2.55E-03 | 1.01E-02 |
| PRPF6 | 0.05 | 3.85 | 2.55E-03 | 1.01E-02 |
| ZNF337 | -0.07 | -3.85 | 2.55E-03 | 1.02E-02 |
| SRSF6 | -0.06 | -3.84 | 2.57E-03 | 1.02E-02 |
| HABP4 | 0.26 | 3.84 | 2.58E-03 | 1.02E-02 |
| CRIPT | -0.25 | -3.84 | 2.59E-03 | 1.03E-02 |
| DNAJB6 | 0.05 | 3.84 | 2.59E-03 | 1.03E-02 |
| AHCYL2 | -0.07 | -3.84 | 2.59E-03 | 1.03E-02 |
| PKN2 | -0.10 | -3.84 | 2.59E-03 | 1.03E-02 |
| ZPR1 | 0.10 | 3.84 | 2.60E-03 | 1.03E-02 |
| UBE2S | 0.16 | 3.84 | 2.60E-03 | 1.03E-02 |
| ZNF565 | -0.38 | -3.84 | 2.60E-03 | 1.03E-02 |
| ANKRD46 | 0.12 | 3.83 | 2.60E-03 | 1.03E-02 |
| ELOVL6 | 0.09 | 3.83 | 2.61E-03 | 1.03E-02 |
| AC244216.5 | -0.21 | -3.83 | 2.62E-03 | 1.03E-02 |
| AC244216.4 | -0.21 | -3.83 | 2.62E-03 | 1.03E-02 |
| AC245034.1 | -0.21 | -3.83 | 2.62E-03 | 1.03E-02 |
| MMS22L | -0.12 | -3.83 | 2.62E-03 | 1.04E-02 |
| SON | -0.05 | -3.83 | 2.62E-03 | 1.04E-02 |
| AL021546.1 | 0.71 | 3.83 | 2.62E-03 | 1.04E-02 |
| RIMKLB | -0.16 | -3.83 | 2.62E-03 | 1.04E-02 |
| SNX14 | -0.08 | -3.83 | 2.62E-03 | 1.04E-02 |
| DBF4 | 0.12 | 3.83 | 2.63E-03 | 1.04E-02 |
| DNAJA4 | 0.11 | 3.83 | 2.63E-03 | 1.04E-02 |
| CDC6 | 0.13 | 3.83 | 2.63E-03 | 1.04E-02 |
| M6PR | 0.09 | 3.83 | 2.63E-03 | 1.04E-02 |
| XG | 0.24 | 3.83 | 2.63E-03 | 1.04E-02 |
| UFD1 | 0.10 | 3.83 | 2.63E-03 | 1.04E-02 |
| ZNF814 | -0.34 | -3.83 | 2.63E-03 | 1.04E-02 |
| POLR2I | 0.18 | 3.83 | 2.64E-03 | 1.04E-02 |
| ZNF100 | -0.17 | -3.83 | 2.65E-03 | 1.04E-02 |
| ZNF502 | -0.16 | -3.82 | 2.66E-03 | 1.05E-02 |
| SLC19A2 | 0.12 | 3.82 | 2.66E-03 | 1.05E-02 |
| CCDC102B | -0.19 | -3.82 | 2.67E-03 | 1.05E-02 |
| CCDC92 | 0.26 | 3.82 | 2.68E-03 | 1.05E-02 |
| NFXL1 | -0.09 | -3.82 | 2.68E-03 | 1.05E-02 |
| CSF2RB | 0.17 | 3.82 | 2.68E-03 | 1.05E-02 |
| NDUFA4L2 | -0.16 | -3.82 | 2.68E-03 | 1.05E-02 |
| UBA3 | -0.08 | -3.82 | 2.69E-03 | 1.06E-02 |
| DNHD1 | -0.08 | -3.82 | 2.69E-03 | 1.06E-02 |
| OMG | -0.39 | -3.82 | 2.69E-03 | 1.06E-02 |
| ACSL5 | 0.08 | 3.82 | 2.69E-03 | 1.06E-02 |
| ATF7IP | -0.06 | -3.82 | 2.69E-03 | 1.06E-02 |
| GABARAPL1 | 0.13 | 3.82 | 2.70E-03 | 1.06E-02 |
| ANKRD36C | -0.13 | -3.82 | 2.70E-03 | 1.06E-02 |
| SF3A1 | 0.05 | 3.81 | 2.70E-03 | 1.06E-02 |
| ATAD2B | -0.07 | -3.81 | 2.70E-03 | 1.06E-02 |
| DCUN1D3 | 0.18 | 3.81 | 2.70E-03 | 1.06E-02 |
| MYO9A | -0.07 | -3.81 | 2.71E-03 | 1.06E-02 |
| CUX1 | -0.10 | -3.81 | 2.71E-03 | 1.06E-02 |
| FUT3 | -0.35 | -3.81 | 2.71E-03 | 1.06E-02 |
| TYRP1 | -0.14 | -3.81 | 2.71E-03 | 1.06E-02 |
| EFCAB6 | -0.44 | -3.81 | 2.72E-03 | 1.07E-02 |
| ANTXR1 | 0.06 | 3.81 | 2.72E-03 | 1.07E-02 |
| IKBKB | -0.07 | -3.81 | 2.73E-03 | 1.07E-02 |
| TIMP2 | 0.15 | 3.81 | 2.74E-03 | 1.07E-02 |
| PIM1 | -0.09 | -3.81 | 2.74E-03 | 1.07E-02 |
| IGKC | 0.28 | 3.81 | 2.74E-03 | 1.07E-02 |
| PPP2R3B | 0.15 | 3.81 | 2.74E-03 | 1.07E-02 |
| ANKS6 | -0.11 | -3.80 | 2.75E-03 | 1.07E-02 |
| VEZT | -0.05 | -3.80 | 2.75E-03 | 1.07E-02 |
| ZADH2 | -0.13 | -3.80 | 2.75E-03 | 1.07E-02 |
| TATDN2 | -0.06 | -3.80 | 2.75E-03 | 1.07E-02 |
| PPP2CB | 0.07 | 3.80 | 2.76E-03 | 1.08E-02 |
| GBE1 | -0.08 | -3.80 | 2.76E-03 | 1.08E-02 |
| SCP2 | -0.06 | -3.80 | 2.76E-03 | 1.08E-02 |
| SERPINB9 | 0.13 | 3.80 | 2.76E-03 | 1.08E-02 |
| PPP1R13L | -0.07 | -3.80 | 2.76E-03 | 1.08E-02 |
| TMEM80 | -0.18 | -3.80 | 2.77E-03 | 1.08E-02 |
| RPS4X | 0.06 | 3.80 | 2.77E-03 | 1.08E-02 |
| KLHL42 | 0.16 | 3.80 | 2.77E-03 | 1.08E-02 |
| IDH3A | 0.13 | 3.80 | 2.79E-03 | 1.09E-02 |
| UAP1 | -0.13 | -3.80 | 2.79E-03 | 1.09E-02 |
| MMS19 | -0.08 | -3.79 | 2.81E-03 | 1.09E-02 |
| BCL2L14 | -0.16 | -3.79 | 2.82E-03 | 1.10E-02 |
| ADAD2 | -0.39 | -3.79 | 2.82E-03 | 1.10E-02 |
| AL121900.2 | 0.25 | 3.79 | 2.83E-03 | 1.10E-02 |
| FOXRED2 | 0.19 | 3.79 | 2.83E-03 | 1.10E-02 |
| ZNF891 | -0.18 | -3.79 | 2.83E-03 | 1.10E-02 |
| RALGPS1 | -0.20 | -3.79 | 2.83E-03 | 1.10E-02 |
| KIAA0408 | 0.82 | 3.79 | 2.83E-03 | 1.10E-02 |
| UBE3C | 0.05 | 3.79 | 2.83E-03 | 1.10E-02 |
| RNF180 | -0.38 | -3.79 | 2.84E-03 | 1.10E-02 |
| PIK3R3 | 0.21 | 3.79 | 2.84E-03 | 1.10E-02 |
| NDUFB3 | 0.18 | 3.78 | 2.85E-03 | 1.10E-02 |
| TNS4 | -0.11 | -3.78 | 2.86E-03 | 1.11E-02 |
| HSP90AA1 | 0.07 | 3.78 | 2.87E-03 | 1.11E-02 |
| PIKFYVE | -0.06 | -3.78 | 2.87E-03 | 1.11E-02 |
| TAF10 | 0.11 | 3.78 | 2.87E-03 | 1.11E-02 |
| PPAN | 0.11 | 3.78 | 2.87E-03 | 1.11E-02 |
| CLSPN | 0.20 | 3.78 | 2.88E-03 | 1.11E-02 |
| SSH3 | -0.09 | -3.78 | 2.88E-03 | 1.11E-02 |
| LTV1 | 0.13 | 3.78 | 2.88E-03 | 1.11E-02 |
| GALE | -0.32 | -3.78 | 2.88E-03 | 1.11E-02 |
| SACS | 0.10 | 3.78 | 2.88E-03 | 1.11E-02 |
| CXCL9 | 0.47 | 3.78 | 2.89E-03 | 1.12E-02 |
| HSPA1B | 0.08 | 3.78 | 2.89E-03 | 1.12E-02 |
| C1orf198 | 0.14 | 3.78 | 2.89E-03 | 1.12E-02 |
| XPNPEP1 | -0.06 | -3.78 | 2.89E-03 | 1.12E-02 |
| PACS1 | -0.08 | -3.78 | 2.89E-03 | 1.12E-02 |
| COL10A1 | -0.28 | -3.78 | 2.89E-03 | 1.12E-02 |
| CCDC18 | -0.12 | -3.78 | 2.89E-03 | 1.12E-02 |
| MRPS16 | 0.06 | 3.77 | 2.90E-03 | 1.12E-02 |
| CR753842.1 | 0.08 | 3.77 | 2.90E-03 | 1.12E-02 |
| CR354443.1 | 0.08 | 3.77 | 2.90E-03 | 1.12E-02 |
| TTC39B | 0.07 | 3.77 | 2.91E-03 | 1.12E-02 |
| ARF4 | -0.13 | -3.77 | 2.91E-03 | 1.12E-02 |
| OGFOD3 | -0.20 | -3.77 | 2.92E-03 | 1.12E-02 |
| ERP29 | 0.10 | 3.77 | 2.92E-03 | 1.13E-02 |
| MRI1 | -0.17 | -3.77 | 2.92E-03 | 1.13E-02 |
| CCDC113 | 0.27 | 3.77 | 2.94E-03 | 1.13E-02 |
| SYNGAP1 | -0.12 | -3.77 | 2.94E-03 | 1.13E-02 |
| CDC42BPG | -0.10 | -3.77 | 2.95E-03 | 1.13E-02 |
| MTPAP | -0.10 | -3.76 | 2.95E-03 | 1.13E-02 |
| ORMDL1 | -0.24 | -3.76 | 2.95E-03 | 1.13E-02 |
| SREBF2 | -0.05 | -3.76 | 2.95E-03 | 1.13E-02 |
| ELOVL4 | 0.14 | 3.76 | 2.96E-03 | 1.14E-02 |
| IFIT3 | 0.09 | 3.76 | 2.96E-03 | 1.14E-02 |
| LIMK2 | -0.09 | -3.76 | 2.97E-03 | 1.14E-02 |
| PGM1 | -0.06 | -3.76 | 2.97E-03 | 1.14E-02 |
| AL031708.1 | -0.10 | -3.76 | 2.97E-03 | 1.14E-02 |
| ADA | 0.25 | 3.76 | 2.97E-03 | 1.14E-02 |
| CARS | 0.06 | 3.76 | 2.98E-03 | 1.14E-02 |
| AVPI1 | 0.35 | 3.76 | 2.98E-03 | 1.14E-02 |
| CRISPLD1 | -0.55 | -3.76 | 2.98E-03 | 1.14E-02 |
| NR1I3 | 0.47 | 3.76 | 2.98E-03 | 1.14E-02 |
| CASP3 | -0.17 | -3.76 | 2.99E-03 | 1.14E-02 |
| DNAH17 | 0.18 | 3.76 | 2.99E-03 | 1.15E-02 |
| UBE2D4 | 0.24 | 3.76 | 3.00E-03 | 1.15E-02 |
| THBS1 | 0.10 | 3.76 | 3.00E-03 | 1.15E-02 |
| CASK | 0.06 | 3.75 | 3.00E-03 | 1.15E-02 |
| TAF13 | 0.10 | 3.75 | 3.00E-03 | 1.15E-02 |
| ERV3-1 | -0.11 | -3.75 | 3.00E-03 | 1.15E-02 |
| PRKAR2B | 0.32 | 3.75 | 3.00E-03 | 1.15E-02 |
| CD164 | -0.08 | -3.75 | 3.01E-03 | 1.15E-02 |
| TRIM29 | -0.05 | -3.75 | 3.01E-03 | 1.15E-02 |
| ZMYM6 | -0.23 | -3.75 | 3.01E-03 | 1.15E-02 |
| TAF6 | 0.10 | 3.75 | 3.02E-03 | 1.15E-02 |
| SEC61B | -0.11 | -3.75 | 3.04E-03 | 1.16E-02 |
| RHOB | 0.17 | 3.75 | 3.05E-03 | 1.16E-02 |
| LMNB2 | 0.11 | 3.75 | 3.05E-03 | 1.16E-02 |
| AOAH | -0.16 | -3.75 | 3.05E-03 | 1.16E-02 |
| RFWD3 | 0.07 | 3.75 | 3.05E-03 | 1.16E-02 |
| DLGAP3 | 0.16 | 3.75 | 3.05E-03 | 1.16E-02 |
| RALGAPA2 | -0.06 | -3.74 | 3.07E-03 | 1.17E-02 |
| HLX | 0.31 | 3.74 | 3.07E-03 | 1.17E-02 |
| ELAC2 | 0.06 | 3.74 | 3.08E-03 | 1.17E-02 |
| CMPK2 | 0.32 | 3.74 | 3.08E-03 | 1.17E-02 |
| CD276 | 0.25 | 3.74 | 3.09E-03 | 1.18E-02 |
| SMO | -0.11 | -3.74 | 3.09E-03 | 1.18E-02 |
| DTNA | 0.65 | 3.74 | 3.09E-03 | 1.18E-02 |
| RLF | -0.09 | -3.74 | 3.10E-03 | 1.18E-02 |
| SPSB1 | 0.16 | 3.74 | 3.10E-03 | 1.18E-02 |
| RTCA | -0.08 | -3.74 | 3.10E-03 | 1.18E-02 |
| PKIA | 0.80 | 3.74 | 3.10E-03 | 1.18E-02 |
| URB1 | -0.07 | -3.73 | 3.11E-03 | 1.18E-02 |
| TMCO1 | 0.06 | 3.73 | 3.13E-03 | 1.19E-02 |
| HOXD9 | 0.61 | 3.73 | 3.13E-03 | 1.19E-02 |
| ALCAM | -0.09 | -3.73 | 3.13E-03 | 1.19E-02 |
| PCYT1A | 0.07 | 3.73 | 3.14E-03 | 1.19E-02 |
| ERBIN | -0.07 | -3.73 | 3.14E-03 | 1.19E-02 |
| MEA1 | 0.15 | 3.73 | 3.14E-03 | 1.19E-02 |
| ACAA2 | -0.23 | -3.73 | 3.15E-03 | 1.19E-02 |
| TNRC18 | -0.06 | -3.73 | 3.15E-03 | 1.19E-02 |
| LRATD2 | -0.19 | -3.73 | 3.16E-03 | 1.20E-02 |
| RHCG | -0.30 | -3.72 | 3.17E-03 | 1.20E-02 |
| TSC22D1 | 0.06 | 3.72 | 3.17E-03 | 1.20E-02 |
| LMAN2 | -0.07 | -3.72 | 3.18E-03 | 1.20E-02 |
| PIAS3 | -0.07 | -3.72 | 3.18E-03 | 1.20E-02 |
| PDCL3 | 0.11 | 3.72 | 3.19E-03 | 1.21E-02 |
| TAF1C | -0.18 | -3.72 | 3.20E-03 | 1.21E-02 |
| SEMA5B | 0.32 | 3.72 | 3.20E-03 | 1.21E-02 |
| GIT1 | 0.07 | 3.72 | 3.21E-03 | 1.21E-02 |
| ZBTB6 | -0.11 | -3.72 | 3.21E-03 | 1.21E-02 |
| ZNF432 | -0.15 | -3.72 | 3.21E-03 | 1.21E-02 |
| CEP135 | -0.17 | -3.72 | 3.21E-03 | 1.21E-02 |
| PLCXD2 | 0.37 | 3.71 | 3.22E-03 | 1.22E-02 |
| RPL17-C18orf32 | 0.19 | 3.71 | 3.22E-03 | 1.22E-02 |
| NRG1 | 0.30 | 3.71 | 3.23E-03 | 1.22E-02 |
| XYLT1 | -0.09 | -3.71 | 3.23E-03 | 1.22E-02 |
| SDHB | 0.12 | 3.71 | 3.23E-03 | 1.22E-02 |
| ABCB4 | 0.26 | 3.71 | 3.23E-03 | 1.22E-02 |
| SSBP3 | 0.09 | 3.71 | 3.23E-03 | 1.22E-02 |
| PTN | -0.51 | -3.71 | 3.25E-03 | 1.23E-02 |
| FMNL3 | 0.07 | 3.71 | 3.26E-03 | 1.23E-02 |
| KDM3B | -0.05 | -3.71 | 3.26E-03 | 1.23E-02 |
| C15orf48 | -0.57 | -3.71 | 3.26E-03 | 1.23E-02 |
| RASL11B | 0.41 | 3.71 | 3.26E-03 | 1.23E-02 |
| DCAF15 | -0.07 | -3.71 | 3.26E-03 | 1.23E-02 |
| NAALADL2 | -0.29 | -3.71 | 3.26E-03 | 1.23E-02 |
| CDK17 | -0.06 | -3.71 | 3.27E-03 | 1.23E-02 |
| ANXA5 | 0.10 | 3.71 | 3.27E-03 | 1.23E-02 |
| THAP7 | 0.11 | 3.71 | 3.27E-03 | 1.23E-02 |
| ULK4 | -0.10 | -3.71 | 3.28E-03 | 1.23E-02 |
| GGA1 | -0.09 | -3.71 | 3.28E-03 | 1.23E-02 |
| TUBA4A | 0.07 | 3.70 | 3.28E-03 | 1.23E-02 |
| MSRB3 | 0.26 | 3.70 | 3.28E-03 | 1.23E-02 |
| SETBP1 | 0.07 | 3.70 | 3.28E-03 | 1.23E-02 |
| C9orf72 | -0.11 | -3.70 | 3.29E-03 | 1.23E-02 |
| USP48 | -0.08 | -3.70 | 3.29E-03 | 1.23E-02 |
| MTRF1L | -0.12 | -3.70 | 3.29E-03 | 1.23E-02 |
| MINDY4 | 0.11 | 3.70 | 3.29E-03 | 1.23E-02 |
| SLC47A1 | -0.14 | -3.70 | 3.30E-03 | 1.24E-02 |
| NLN | 0.12 | 3.70 | 3.30E-03 | 1.24E-02 |
| TUT4 | -0.10 | -3.70 | 3.31E-03 | 1.24E-02 |
| TSPYL1 | 0.06 | 3.70 | 3.32E-03 | 1.24E-02 |
| PPDPF | -0.11 | -3.70 | 3.32E-03 | 1.24E-02 |
| DESI1 | 0.15 | 3.70 | 3.32E-03 | 1.24E-02 |
| ASAP1 | 0.06 | 3.70 | 3.32E-03 | 1.24E-02 |
| ATAT1 | -0.22 | -3.70 | 3.33E-03 | 1.24E-02 |
| ARID4A | -0.09 | -3.70 | 3.33E-03 | 1.25E-02 |
| CAV2 | 0.16 | 3.70 | 3.33E-03 | 1.25E-02 |
| MOB3A | 0.13 | 3.69 | 3.34E-03 | 1.25E-02 |
| HEXD | -0.15 | -3.69 | 3.34E-03 | 1.25E-02 |
| KCTD12 | 0.25 | 3.69 | 3.35E-03 | 1.25E-02 |
| DEF6 | -0.18 | -3.69 | 3.35E-03 | 1.25E-02 |
| CPT1C | 0.34 | 3.69 | 3.36E-03 | 1.25E-02 |
| NDFIP2 | -0.08 | -3.69 | 3.37E-03 | 1.26E-02 |
| AC012314.19 | 0.12 | 3.69 | 3.38E-03 | 1.26E-02 |
| AC012314.10 | 0.12 | 3.69 | 3.38E-03 | 1.26E-02 |
| AC012314.17 | 0.12 | 3.69 | 3.38E-03 | 1.26E-02 |
| AC012314.4 | 0.12 | 3.69 | 3.38E-03 | 1.26E-02 |
| AC012314.8 | 0.12 | 3.69 | 3.38E-03 | 1.26E-02 |
| AC012314.6 | 0.12 | 3.69 | 3.38E-03 | 1.26E-02 |
| AC012314.23 | 0.12 | 3.69 | 3.38E-03 | 1.26E-02 |
| AC012314.21 | 0.12 | 3.69 | 3.38E-03 | 1.26E-02 |
| PRPF31 | 0.12 | 3.69 | 3.38E-03 | 1.26E-02 |
| CCDC149 | 0.32 | 3.69 | 3.38E-03 | 1.26E-02 |
| LCAT | -0.21 | -3.69 | 3.38E-03 | 1.26E-02 |
| MRPL53 | 0.18 | 3.69 | 3.38E-03 | 1.26E-02 |
| ARHGEF10 | -0.07 | -3.68 | 3.40E-03 | 1.26E-02 |
| ZNF256 | -0.39 | -3.68 | 3.40E-03 | 1.27E-02 |
| FKBP1A | 0.11 | 3.68 | 3.40E-03 | 1.27E-02 |
| A2ML1 | -0.11 | -3.68 | 3.41E-03 | 1.27E-02 |
| ZSCAN32 | -0.08 | -3.68 | 3.41E-03 | 1.27E-02 |
| D2HGDH | -0.20 | -3.68 | 3.41E-03 | 1.27E-02 |
| AC034102.1 | 0.06 | 3.68 | 3.41E-03 | 1.27E-02 |
| IGHV3-21 | 0.52 | 3.68 | 3.42E-03 | 1.27E-02 |
| GNG10 | -0.47 | -3.68 | 3.43E-03 | 1.27E-02 |
| SOX21 | -0.21 | -3.68 | 3.43E-03 | 1.27E-02 |
| LMF2 | -0.16 | -3.68 | 3.44E-03 | 1.27E-02 |
| ZNF407 | -0.08 | -3.68 | 3.43E-03 | 1.27E-02 |
| BTBD10 | -0.10 | -3.68 | 3.44E-03 | 1.27E-02 |
| ZNF460 | -0.05 | -3.68 | 3.45E-03 | 1.28E-02 |
| EPB41L1 | -0.15 | -3.68 | 3.45E-03 | 1.28E-02 |
| CTNNBL1 | 0.09 | 3.68 | 3.45E-03 | 1.28E-02 |
| AHDC1 | -0.07 | -3.67 | 3.46E-03 | 1.28E-02 |
| ITGAM | 0.36 | 3.67 | 3.46E-03 | 1.28E-02 |
| NXT1 | 0.37 | 3.67 | 3.46E-03 | 1.28E-02 |
| EMP3 | 0.23 | 3.67 | 3.47E-03 | 1.28E-02 |
| CYP24A1 | 1.10 | 3.67 | 3.47E-03 | 1.28E-02 |
| STK36 | -0.19 | -3.67 | 3.47E-03 | 1.28E-02 |
| TRMT6 | 0.11 | 3.67 | 3.47E-03 | 1.28E-02 |
| RASSF8 | 0.27 | 3.67 | 3.47E-03 | 1.28E-02 |
| SOX6 | -0.13 | -3.67 | 3.48E-03 | 1.29E-02 |
| LOXL2 | 0.21 | 3.67 | 3.48E-03 | 1.29E-02 |
| POGK | 0.07 | 3.67 | 3.49E-03 | 1.29E-02 |
| CAND2 | 0.24 | 3.67 | 3.49E-03 | 1.29E-02 |
| LAPTM4A | -0.06 | -3.67 | 3.49E-03 | 1.29E-02 |
| WNK1 | -0.06 | -3.67 | 3.49E-03 | 1.29E-02 |
| SLC25A33 | 0.33 | 3.67 | 3.50E-03 | 1.29E-02 |
| MAMDC4 | -0.21 | -3.67 | 3.51E-03 | 1.29E-02 |
| ACSM3 | -0.24 | -3.67 | 3.51E-03 | 1.30E-02 |
| TSBP1 | 0.64 | 3.67 | 3.52E-03 | 1.30E-02 |
| IL16 | 0.08 | 3.67 | 3.52E-03 | 1.30E-02 |
| SP140L | -0.13 | -3.66 | 3.52E-03 | 1.30E-02 |
| BRD3 | 0.09 | 3.66 | 3.54E-03 | 1.30E-02 |
| KCNJ12 | 0.43 | 3.66 | 3.54E-03 | 1.30E-02 |
| AKR1A1 | -0.10 | -3.66 | 3.54E-03 | 1.30E-02 |
| TMEM65 | -0.08 | -3.66 | 3.55E-03 | 1.30E-02 |
| VPS52 | -0.04 | -3.66 | 3.55E-03 | 1.30E-02 |
| PDE10A | 0.24 | 3.66 | 3.56E-03 | 1.31E-02 |
| ZMYM5 | -0.16 | -3.66 | 3.56E-03 | 1.31E-02 |
| TGFB1I1 | 0.20 | 3.66 | 3.57E-03 | 1.31E-02 |
| VARS | 0.10 | 3.66 | 3.57E-03 | 1.31E-02 |
| IGSF1 | 1.60 | 3.66 | 3.58E-03 | 1.31E-02 |
| IGSF9B | 0.28 | 3.66 | 3.58E-03 | 1.31E-02 |
| SLIRP | 0.16 | 3.65 | 3.58E-03 | 1.31E-02 |
| CXCR2 | -0.29 | -3.65 | 3.58E-03 | 1.31E-02 |
| ACVRL1 | 0.21 | 3.65 | 3.59E-03 | 1.32E-02 |
| CAP2 | 0.19 | 3.65 | 3.59E-03 | 1.32E-02 |
| EVL | -0.08 | -3.65 | 3.59E-03 | 1.32E-02 |
| MGAT5 | -0.09 | -3.65 | 3.59E-03 | 1.32E-02 |
| ECSIT | 0.11 | 3.65 | 3.60E-03 | 1.32E-02 |
| IDH3B | 0.06 | 3.65 | 3.60E-03 | 1.32E-02 |
| L3MBTL4 | -0.22 | -3.65 | 3.60E-03 | 1.32E-02 |
| SPG7 | -0.11 | -3.65 | 3.61E-03 | 1.32E-02 |
| AUP1 | 0.05 | 3.65 | 3.61E-03 | 1.32E-02 |
| RBM6 | -0.08 | -3.65 | 3.61E-03 | 1.32E-02 |
| SMAP2 | 0.11 | 3.65 | 3.62E-03 | 1.32E-02 |
| FAM53C | -0.13 | -3.65 | 3.63E-03 | 1.33E-02 |
| ARHGAP35 | -0.04 | -3.65 | 3.63E-03 | 1.33E-02 |
| ADAM28 | -0.16 | -3.65 | 3.63E-03 | 1.33E-02 |
| C8orf49 | -0.13 | -3.64 | 3.65E-03 | 1.33E-02 |
| FOXF2 | 0.45 | 3.64 | 3.65E-03 | 1.33E-02 |
| ATXN10 | -0.07 | -3.64 | 3.65E-03 | 1.33E-02 |
| POSTN | -0.24 | -3.64 | 3.65E-03 | 1.33E-02 |
| TTLL7 | 0.20 | 3.64 | 3.66E-03 | 1.34E-02 |
| PDIK1L | -0.12 | -3.64 | 3.66E-03 | 1.34E-02 |
| UBA7 | -0.14 | -3.64 | 3.66E-03 | 1.34E-02 |
| HIST1H2AD | 0.11 | 3.64 | 3.67E-03 | 1.34E-02 |
| ARHGAP11B | -0.34 | -3.64 | 3.68E-03 | 1.34E-02 |
| AC091057.6 | -0.34 | -3.64 | 3.68E-03 | 1.34E-02 |
| PFDN6 | 0.21 | 3.64 | 3.69E-03 | 1.34E-02 |
| RAP1B | 0.09 | 3.64 | 3.69E-03 | 1.34E-02 |
| KDM1A | -0.05 | -3.64 | 3.69E-03 | 1.34E-02 |
| TMEM39A | -0.08 | -3.64 | 3.70E-03 | 1.35E-02 |
| PDP2 | 0.13 | 3.64 | 3.70E-03 | 1.35E-02 |
| CLEC7A | -0.32 | -3.64 | 3.70E-03 | 1.35E-02 |
| CYSTM1 | 0.61 | 3.64 | 3.71E-03 | 1.35E-02 |
| SLC36A3 | -0.11 | -3.64 | 3.71E-03 | 1.35E-02 |
| ISM1 | 0.19 | 3.64 | 3.71E-03 | 1.35E-02 |
| PDP1 | 0.10 | 3.63 | 3.72E-03 | 1.35E-02 |
| CCDC25 | 0.16 | 3.63 | 3.72E-03 | 1.35E-02 |
| PEX5 | 0.10 | 3.63 | 3.73E-03 | 1.36E-02 |
| ATXN3 | -0.14 | -3.63 | 3.74E-03 | 1.36E-02 |
| GNA12 | 0.21 | 3.63 | 3.76E-03 | 1.37E-02 |
| ST6GALNAC1 | -0.16 | -3.63 | 3.76E-03 | 1.37E-02 |
| ZNF888 | -0.20 | -3.63 | 3.76E-03 | 1.37E-02 |
| YPEL5 | -0.10 | -3.63 | 3.77E-03 | 1.37E-02 |
| IGSF10 | 0.09 | 3.63 | 3.77E-03 | 1.37E-02 |
| SCAPER | -0.09 | -3.63 | 3.77E-03 | 1.37E-02 |
| STRC | -0.60 | -3.63 | 3.77E-03 | 1.37E-02 |
| YY2 | 0.29 | 3.62 | 3.80E-03 | 1.38E-02 |
| IL6R | 0.12 | 3.62 | 3.80E-03 | 1.38E-02 |
| ANKRD44 | -0.13 | -3.62 | 3.81E-03 | 1.38E-02 |
| FANCA | -0.12 | -3.62 | 3.81E-03 | 1.38E-02 |
| METAP1 | -0.11 | -3.62 | 3.81E-03 | 1.38E-02 |
| ZXDC | -0.07 | -3.62 | 3.82E-03 | 1.38E-02 |
| KIAA1671 | -0.05 | -3.62 | 3.82E-03 | 1.38E-02 |
| ORC2 | -0.09 | -3.62 | 3.83E-03 | 1.38E-02 |
| LPA | -0.31 | -3.62 | 3.83E-03 | 1.38E-02 |
| DARS | -0.06 | -3.62 | 3.83E-03 | 1.39E-02 |
| NUMB | -0.05 | -3.62 | 3.84E-03 | 1.39E-02 |
| SENP5 | -0.06 | -3.62 | 3.85E-03 | 1.39E-02 |
| SERPINB5 | 0.06 | 3.61 | 3.85E-03 | 1.39E-02 |
| DERPC | -0.07 | -3.61 | 3.86E-03 | 1.39E-02 |
| MAD2L1BP | -0.07 | -3.61 | 3.87E-03 | 1.40E-02 |
| PRDM5 | 0.17 | 3.61 | 3.87E-03 | 1.40E-02 |
| RPL19 | 0.04 | 3.61 | 3.87E-03 | 1.40E-02 |
| SLC44A2 | -0.05 | -3.61 | 3.87E-03 | 1.40E-02 |
| GP1BA | -0.17 | -3.61 | 3.88E-03 | 1.40E-02 |
| GSTA4 | -0.12 | -3.61 | 3.88E-03 | 1.40E-02 |
| NOMO2 | 0.07 | 3.61 | 3.89E-03 | 1.40E-02 |
| TNFAIP8 | -0.12 | -3.61 | 3.90E-03 | 1.41E-02 |
| AC011473.4 | 2.54 | 3.61 | 3.91E-03 | 1.41E-02 |
| KLK9 | 2.54 | 3.61 | 3.91E-03 | 1.41E-02 |
| CHST11 | 0.33 | 3.60 | 3.92E-03 | 1.41E-02 |
| TNFRSF10A | 0.16 | 3.60 | 3.92E-03 | 1.41E-02 |
| USP3 | -0.07 | -3.60 | 3.92E-03 | 1.41E-02 |
| TP53AIP1 | -0.16 | -3.60 | 3.92E-03 | 1.41E-02 |
| MVD | 0.16 | 3.60 | 3.92E-03 | 1.41E-02 |
| DDX56 | 0.06 | 3.60 | 3.93E-03 | 1.41E-02 |
| HFE | -0.17 | -3.60 | 3.93E-03 | 1.41E-02 |
| SIAH1 | -0.10 | -3.60 | 3.94E-03 | 1.42E-02 |
| TALDO1 | 0.08 | 3.60 | 3.94E-03 | 1.42E-02 |
| TMEM181 | -0.07 | -3.60 | 3.94E-03 | 1.42E-02 |
| AL157935.2 | 0.13 | 3.60 | 3.96E-03 | 1.42E-02 |
| ARHGEF9 | 0.07 | 3.60 | 3.96E-03 | 1.42E-02 |
| CREB3L4 | -0.22 | -3.60 | 3.96E-03 | 1.42E-02 |
| RFC3 | -0.09 | -3.60 | 3.96E-03 | 1.42E-02 |
| MFSD11 | -0.13 | -3.60 | 3.97E-03 | 1.42E-02 |
| PMEPA1 | 0.24 | 3.60 | 3.97E-03 | 1.42E-02 |
| PKDREJ | -0.25 | -3.60 | 3.97E-03 | 1.42E-02 |
| IFRD2 | 0.12 | 3.60 | 3.97E-03 | 1.42E-02 |
| APP | 0.05 | 3.60 | 3.98E-03 | 1.43E-02 |
| DOCK4 | 0.07 | 3.60 | 3.98E-03 | 1.43E-02 |
| COL1A2 | -0.06 | -3.60 | 3.98E-03 | 1.43E-02 |
| MSL1 | -0.11 | -3.59 | 4.01E-03 | 1.44E-02 |
| SH2D3A | -0.14 | -3.59 | 4.01E-03 | 1.44E-02 |
| CENPF | 0.08 | 3.59 | 4.02E-03 | 1.44E-02 |
| PSMB6 | 0.10 | 3.59 | 4.02E-03 | 1.44E-02 |
| CAPNS1 | -0.08 | -3.59 | 4.02E-03 | 1.44E-02 |
| NEIL2 | 0.17 | 3.59 | 4.03E-03 | 1.44E-02 |
| ENTR1 | 0.08 | 3.59 | 4.03E-03 | 1.44E-02 |
| LRRC8E | -0.12 | -3.59 | 4.05E-03 | 1.45E-02 |
| KDSR | -0.08 | -3.58 | 4.07E-03 | 1.45E-02 |
| CELSR3 | 0.33 | 3.58 | 4.08E-03 | 1.46E-02 |
| RASD1 | 0.52 | 3.58 | 4.08E-03 | 1.46E-02 |
| NDUFS2 | 0.07 | 3.58 | 4.09E-03 | 1.46E-02 |
| NAA20 | 0.09 | 3.58 | 4.10E-03 | 1.46E-02 |
| CSF1R | 0.09 | 3.58 | 4.11E-03 | 1.47E-02 |
| AFTPH | -0.07 | -3.58 | 4.11E-03 | 1.47E-02 |
| KRIT1 | -0.07 | -3.58 | 4.12E-03 | 1.47E-02 |
| COL16A1 | -0.06 | -3.57 | 4.14E-03 | 1.48E-02 |
| SNAPC5 | 0.27 | 3.57 | 4.14E-03 | 1.48E-02 |
| PIGX | -0.20 | -3.57 | 4.15E-03 | 1.48E-02 |
| ANKDD1A | -0.16 | -3.57 | 4.15E-03 | 1.48E-02 |
| USP16 | -0.09 | -3.57 | 4.15E-03 | 1.48E-02 |
| HDAC10 | -0.13 | -3.57 | 4.15E-03 | 1.48E-02 |
| VLDLR | -0.17 | -3.57 | 4.18E-03 | 1.49E-02 |
| TASOR | -0.06 | -3.57 | 4.18E-03 | 1.49E-02 |
| PPFIA4 | 0.14 | 3.57 | 4.19E-03 | 1.49E-02 |
| BHLHE41 | 0.38 | 3.57 | 4.19E-03 | 1.49E-02 |
| ZKSCAN3 | -0.15 | -3.57 | 4.19E-03 | 1.49E-02 |
| PLEKHA5 | -0.07 | -3.57 | 4.19E-03 | 1.49E-02 |
| TSKU | 0.13 | 3.57 | 4.20E-03 | 1.49E-02 |
| ARF6 | 0.06 | 3.57 | 4.20E-03 | 1.49E-02 |
| SGCD | 0.32 | 3.57 | 4.20E-03 | 1.49E-02 |
| DLX6 | 0.41 | 3.57 | 4.20E-03 | 1.49E-02 |
| NEK10 | 0.45 | 3.57 | 4.21E-03 | 1.49E-02 |
| RPL29 | 0.05 | 3.56 | 4.21E-03 | 1.49E-02 |
| IL1RN | -0.35 | -3.56 | 4.21E-03 | 1.49E-02 |
| SNX4 | -0.12 | -3.56 | 4.23E-03 | 1.50E-02 |
| ZNF300 | -0.14 | -3.56 | 4.23E-03 | 1.50E-02 |
| KLHDC1 | -0.16 | -3.56 | 4.23E-03 | 1.50E-02 |
| RGS17 | -0.41 | -3.56 | 4.25E-03 | 1.50E-02 |
| EMB | -0.15 | -3.56 | 4.25E-03 | 1.50E-02 |
| ATG4C | -0.12 | -3.56 | 4.26E-03 | 1.51E-02 |
| HIST1H2BI | 0.11 | 3.56 | 4.26E-03 | 1.51E-02 |
| P4HTM | -0.33 | -3.56 | 4.26E-03 | 1.51E-02 |
| USP24 | -0.05 | -3.56 | 4.27E-03 | 1.51E-02 |
| EVC | -0.07 | -3.56 | 4.27E-03 | 1.51E-02 |
| NAA35 | -0.08 | -3.56 | 4.27E-03 | 1.51E-02 |
| RASGRF2 | 0.11 | 3.56 | 4.28E-03 | 1.51E-02 |
| POLR3GL | 0.16 | 3.56 | 4.28E-03 | 1.51E-02 |
| ZFP91 | 0.07 | 3.55 | 4.28E-03 | 1.51E-02 |
| TREX2 | 0.45 | 3.55 | 4.29E-03 | 1.52E-02 |
| ANOS1 | -0.39 | -3.55 | 4.29E-03 | 1.52E-02 |
| CYREN | 0.24 | 3.55 | 4.30E-03 | 1.52E-02 |
| TICRR | -0.14 | -3.55 | 4.30E-03 | 1.52E-02 |
| EBF2 | 0.65 | 3.55 | 4.31E-03 | 1.52E-02 |
| RCE1 | -0.25 | -3.55 | 4.32E-03 | 1.52E-02 |
| UBE4A | -0.06 | -3.55 | 4.33E-03 | 1.53E-02 |
| TACO1 | 0.18 | 3.55 | 4.34E-03 | 1.53E-02 |
| CRTAP | 0.08 | 3.55 | 4.36E-03 | 1.53E-02 |
| XPO1 | -0.05 | -3.55 | 4.36E-03 | 1.53E-02 |
| TGDS | -0.13 | -3.55 | 4.35E-03 | 1.53E-02 |
| ADAL | -0.22 | -3.55 | 4.35E-03 | 1.53E-02 |
| DTYMK | 0.15 | 3.54 | 4.37E-03 | 1.54E-02 |
| KIFC3 | 0.08 | 3.54 | 4.39E-03 | 1.55E-02 |
| PRCC | 0.11 | 3.54 | 4.39E-03 | 1.55E-02 |
| ARSA | -0.15 | -3.54 | 4.39E-03 | 1.55E-02 |
| PAQR8 | -0.18 | -3.54 | 4.40E-03 | 1.55E-02 |
| ATG2B | -0.07 | -3.54 | 4.40E-03 | 1.55E-02 |
| GALNT16 | 0.15 | 3.54 | 4.41E-03 | 1.55E-02 |
| PRPF39 | -0.10 | -3.54 | 4.41E-03 | 1.55E-02 |
| BCL7A | 0.29 | 3.54 | 4.42E-03 | 1.55E-02 |
| TMEM64 | 0.12 | 3.54 | 4.43E-03 | 1.56E-02 |
| CTTNBP2 | -0.21 | -3.54 | 4.44E-03 | 1.56E-02 |
| SEMA3F | -0.08 | -3.53 | 4.45E-03 | 1.56E-02 |
| SCPEP1 | 0.06 | 3.53 | 4.45E-03 | 1.56E-02 |
| SLC35A5 | -0.08 | -3.53 | 4.45E-03 | 1.56E-02 |
| TRAPPC8 | -0.05 | -3.53 | 4.45E-03 | 1.56E-02 |
| CATSPERG | -0.17 | -3.53 | 4.46E-03 | 1.56E-02 |
| PDE4A | 0.24 | 3.53 | 4.46E-03 | 1.56E-02 |
| LARGE1 | 0.17 | 3.53 | 4.47E-03 | 1.57E-02 |
| TRIB1 | 0.23 | 3.53 | 4.47E-03 | 1.57E-02 |
| RSL24D1 | -0.06 | -3.53 | 4.48E-03 | 1.57E-02 |
| CELSR1 | -0.10 | -3.53 | 4.48E-03 | 1.57E-02 |
| HIST1H2BB | 0.14 | 3.53 | 4.49E-03 | 1.57E-02 |
| CCNE1 | 0.51 | 3.53 | 4.50E-03 | 1.58E-02 |
| NCK2 | -0.07 | -3.53 | 4.50E-03 | 1.58E-02 |
| KATNAL2 | -0.30 | -3.53 | 4.50E-03 | 1.58E-02 |
| FAM200A | -0.17 | -3.53 | 4.50E-03 | 1.58E-02 |
| SHROOM2 | -0.10 | -3.53 | 4.51E-03 | 1.58E-02 |
| TMX3 | -0.11 | -3.52 | 4.53E-03 | 1.58E-02 |
| LATS1 | -0.07 | -3.52 | 4.54E-03 | 1.59E-02 |
| ACTR2 | -0.05 | -3.52 | 4.55E-03 | 1.59E-02 |
| ZNF415 | -0.27 | -3.52 | 4.55E-03 | 1.59E-02 |
| C9orf131 | -0.06 | -3.52 | 4.55E-03 | 1.59E-02 |
| OVGP1 | -0.52 | -3.52 | 4.56E-03 | 1.59E-02 |
| TMC6 | -0.11 | -3.52 | 4.56E-03 | 1.59E-02 |
| COG6 | -0.12 | -3.52 | 4.56E-03 | 1.59E-02 |
| FBXO44 | -0.20 | -3.52 | 4.57E-03 | 1.59E-02 |
| SMAD6 | 0.51 | 3.52 | 4.58E-03 | 1.60E-02 |
| CCT4 | 0.04 | 3.52 | 4.58E-03 | 1.60E-02 |
| SLC1A4 | 0.09 | 3.51 | 4.60E-03 | 1.60E-02 |
| RCBTB2 | -0.13 | -3.51 | 4.60E-03 | 1.60E-02 |
| RNF138 | -0.12 | -3.51 | 4.61E-03 | 1.60E-02 |
| CNOT6L | -0.07 | -3.51 | 4.61E-03 | 1.60E-02 |
| INTU | -0.13 | -3.51 | 4.61E-03 | 1.61E-02 |
| PTPN22 | -0.23 | -3.51 | 4.61E-03 | 1.61E-02 |
| ZNF852 | -0.26 | -3.51 | 4.61E-03 | 1.61E-02 |
| CRYZ | -0.13 | -3.51 | 4.62E-03 | 1.61E-02 |
| PGAM2 | 0.19 | 3.51 | 4.62E-03 | 1.61E-02 |
| CDK3 | -0.38 | -3.51 | 4.62E-03 | 1.61E-02 |
| CTSV | 0.12 | 3.51 | 4.63E-03 | 1.61E-02 |
| BCL2L2 | 0.15 | 3.51 | 4.63E-03 | 1.61E-02 |
| ZSCAN26 | -0.11 | -3.51 | 4.63E-03 | 1.61E-02 |
| COL13A1 | 0.19 | 3.51 | 4.64E-03 | 1.61E-02 |
| SEC31B | -0.17 | -3.51 | 4.64E-03 | 1.61E-02 |
| BICDL2 | -0.13 | -3.51 | 4.64E-03 | 1.61E-02 |
| ZNF148 | -0.07 | -3.51 | 4.64E-03 | 1.61E-02 |
| AL109811.3 | -0.10 | -3.51 | 4.65E-03 | 1.61E-02 |
| AC024940.7 | -0.19 | -3.51 | 4.65E-03 | 1.61E-02 |
| SH3D21 | 0.11 | 3.51 | 4.66E-03 | 1.62E-02 |
| FAM204A | -0.11 | -3.51 | 4.66E-03 | 1.62E-02 |
| GNAQ | -0.11 | -3.51 | 4.66E-03 | 1.62E-02 |
| COL6A1 | 0.05 | 3.51 | 4.67E-03 | 1.62E-02 |
| SIX4 | 0.40 | 3.51 | 4.68E-03 | 1.62E-02 |
| SSB | 0.10 | 3.51 | 4.68E-03 | 1.62E-02 |
| TMEM63C | 0.22 | 3.50 | 4.69E-03 | 1.63E-02 |
| ROBO4 | 0.14 | 3.50 | 4.71E-03 | 1.63E-02 |
| CHD4 | 0.06 | 3.50 | 4.72E-03 | 1.63E-02 |
| BBS10 | -0.16 | -3.50 | 4.73E-03 | 1.64E-02 |
| ABI3BP | 0.09 | 3.50 | 4.74E-03 | 1.64E-02 |
| DZIP1 | 0.21 | 3.50 | 4.74E-03 | 1.64E-02 |
| COL12A1 | 0.05 | 3.50 | 4.76E-03 | 1.65E-02 |
| NSD1 | -0.06 | -3.50 | 4.76E-03 | 1.65E-02 |
| AC006064.6 | -0.04 | -3.50 | 4.77E-03 | 1.65E-02 |
| ARPC4-TTLL3 | -0.16 | -3.49 | 4.77E-03 | 1.65E-02 |
| ERCC8 | -0.17 | -3.49 | 4.77E-03 | 1.65E-02 |
| CYLD | -0.05 | -3.49 | 4.77E-03 | 1.65E-02 |
| ICMT | 0.10 | 3.49 | 4.80E-03 | 1.66E-02 |
| CDADC1 | -0.15 | -3.49 | 4.79E-03 | 1.66E-02 |
| RBM26 | -0.07 | -3.49 | 4.80E-03 | 1.66E-02 |
| TAF4 | 0.07 | 3.49 | 4.80E-03 | 1.66E-02 |
| NELFE | 0.07 | 3.49 | 4.81E-03 | 1.66E-02 |
| SMYD4 | -0.10 | -3.49 | 4.81E-03 | 1.66E-02 |
| STX16-NPEPL1 | -0.26 | -3.49 | 4.82E-03 | 1.66E-02 |
| KDELR3 | -0.39 | -3.49 | 4.82E-03 | 1.66E-02 |
| IRF6 | -0.06 | -3.49 | 4.83E-03 | 1.66E-02 |
| NECTIN4 | -0.06 | -3.49 | 4.83E-03 | 1.66E-02 |
| PDE3B | 0.32 | 3.49 | 4.84E-03 | 1.67E-02 |
| ITPR3 | -0.04 | -3.49 | 4.85E-03 | 1.67E-02 |
| ACTL6A | -0.06 | -3.49 | 4.85E-03 | 1.67E-02 |
| ST3GAL4 | -0.14 | -3.48 | 4.86E-03 | 1.67E-02 |
| DNMBP | -0.06 | -3.48 | 4.86E-03 | 1.67E-02 |
| NRIP1 | 0.09 | 3.48 | 4.87E-03 | 1.67E-02 |
| TMEM182 | 0.49 | 3.48 | 4.87E-03 | 1.68E-02 |
| RPS20 | 0.05 | 3.48 | 4.88E-03 | 1.68E-02 |
| RPS14 | 0.04 | 3.48 | 4.89E-03 | 1.68E-02 |
| ME2 | -0.09 | -3.48 | 4.89E-03 | 1.68E-02 |
| SENP7 | -0.11 | -3.48 | 4.90E-03 | 1.68E-02 |
| NAXE | 0.15 | 3.48 | 4.91E-03 | 1.69E-02 |
| FOXJ2 | 0.09 | 3.48 | 4.91E-03 | 1.69E-02 |
| CEP70 | -0.13 | -3.48 | 4.92E-03 | 1.69E-02 |
| FAM241A | 0.36 | 3.48 | 4.92E-03 | 1.69E-02 |
| ZMAT1 | -0.16 | -3.48 | 4.93E-03 | 1.69E-02 |
| ZNF682 | -0.50 | -3.48 | 4.93E-03 | 1.69E-02 |
| TRAPPC9 | -0.07 | -3.48 | 4.93E-03 | 1.69E-02 |
| SLC29A3 | 0.46 | 3.48 | 4.94E-03 | 1.69E-02 |
| TMOD3 | -0.12 | -3.47 | 4.95E-03 | 1.70E-02 |
| VILL | -0.10 | -3.47 | 4.96E-03 | 1.70E-02 |
| HNRNPA1 | -0.04 | -3.47 | 4.96E-03 | 1.70E-02 |
| CCDC122 | -0.27 | -3.47 | 4.97E-03 | 1.70E-02 |
| SUFU | -0.09 | -3.47 | 4.97E-03 | 1.70E-02 |
| KIF24 | 0.13 | 3.47 | 4.99E-03 | 1.71E-02 |
| MAP3K2 | -0.06 | -3.47 | 5.00E-03 | 1.71E-02 |
| FAAH | -0.29 | -3.47 | 5.00E-03 | 1.71E-02 |
| SKA2 | -0.20 | -3.47 | 5.01E-03 | 1.71E-02 |
| FMNL2 | 0.08 | 3.46 | 5.03E-03 | 1.72E-02 |
| TNFRSF25 | -0.15 | -3.46 | 5.03E-03 | 1.72E-02 |
| FECH | 0.12 | 3.46 | 5.04E-03 | 1.72E-02 |
| KLHL28 | -0.10 | -3.46 | 5.04E-03 | 1.72E-02 |
| ZNF117 | -0.28 | -3.46 | 5.05E-03 | 1.73E-02 |
| DDX60 | -0.09 | -3.46 | 5.05E-03 | 1.73E-02 |
| OCLN | -0.17 | -3.46 | 5.06E-03 | 1.73E-02 |
| PLAU | 0.10 | 3.46 | 5.06E-03 | 1.73E-02 |
| NGLY1 | -0.07 | -3.46 | 5.07E-03 | 1.73E-02 |
| ZNF845 | -0.08 | -3.46 | 5.09E-03 | 1.74E-02 |
| DNAJC6 | 0.58 | 3.46 | 5.10E-03 | 1.74E-02 |
| PI4KB | 0.05 | 3.46 | 5.10E-03 | 1.74E-02 |
| GTF2IRD2B | -0.06 | -3.46 | 5.10E-03 | 1.74E-02 |
| PLEKHO1 | 0.14 | 3.46 | 5.12E-03 | 1.74E-02 |
| GNE | -0.13 | -3.46 | 5.12E-03 | 1.74E-02 |
| MRE11 | -0.08 | -3.46 | 5.12E-03 | 1.74E-02 |
| BTF3L4 | -0.09 | -3.45 | 5.12E-03 | 1.74E-02 |
| METTL1 | 0.30 | 3.45 | 5.13E-03 | 1.75E-02 |
| LEMD2 | -0.08 | -3.45 | 5.14E-03 | 1.75E-02 |
| ANXA8L1 | -0.05 | -3.45 | 5.14E-03 | 1.75E-02 |
| WSB2 | 0.07 | 3.45 | 5.15E-03 | 1.75E-02 |
| HNRNPA1L2 | -0.19 | -3.45 | 5.16E-03 | 1.75E-02 |
| ST6GAL1 | 0.26 | 3.45 | 5.16E-03 | 1.75E-02 |
| NXF1 | -0.05 | -3.45 | 5.16E-03 | 1.75E-02 |
| NME1 | 0.11 | 3.45 | 5.16E-03 | 1.75E-02 |
| RPLP2 | 0.05 | 3.45 | 5.17E-03 | 1.76E-02 |
| FLI1 | 0.17 | 3.45 | 5.17E-03 | 1.76E-02 |
| C17orf53 | 0.26 | 3.45 | 5.18E-03 | 1.76E-02 |
| ETFRF1 | 0.21 | 3.45 | 5.18E-03 | 1.76E-02 |
| TAS2R19 | -0.16 | -3.45 | 5.18E-03 | 1.76E-02 |
| ZNF510 | -0.14 | -3.45 | 5.19E-03 | 1.76E-02 |
| ADAM20 | -0.34 | -3.45 | 5.21E-03 | 1.77E-02 |
| RTRAF | 0.08 | 3.44 | 5.22E-03 | 1.77E-02 |
| ZDHHC17 | -0.09 | -3.44 | 5.22E-03 | 1.77E-02 |
| DOP1B | -0.06 | -3.44 | 5.22E-03 | 1.77E-02 |
| ASL | 0.11 | 3.44 | 5.24E-03 | 1.77E-02 |
| KLF13 | 0.18 | 3.44 | 5.24E-03 | 1.77E-02 |
| ORC4 | -0.10 | -3.44 | 5.23E-03 | 1.77E-02 |
| ZNF182 | -0.11 | -3.44 | 5.24E-03 | 1.77E-02 |
| FRMD4B | -0.09 | -3.44 | 5.25E-03 | 1.78E-02 |
| MKLN1 | -0.06 | -3.44 | 5.26E-03 | 1.78E-02 |
| CNPY3 | 0.09 | 3.44 | 5.28E-03 | 1.79E-02 |
| RACGAP1 | 0.06 | 3.44 | 5.29E-03 | 1.79E-02 |
| CBR4 | -0.11 | -3.44 | 5.30E-03 | 1.79E-02 |
| RHOG | 0.10 | 3.44 | 5.31E-03 | 1.79E-02 |
| CALU | 0.09 | 3.43 | 5.32E-03 | 1.80E-02 |
| PARL | -0.09 | -3.43 | 5.33E-03 | 1.80E-02 |
| BIVM-ERCC5 | -0.07 | -3.43 | 5.34E-03 | 1.80E-02 |
| ERCC5 | -0.07 | -3.43 | 5.34E-03 | 1.80E-02 |
| DBI | 0.09 | 3.43 | 5.35E-03 | 1.81E-02 |
| HIST1H4L | 0.14 | 3.43 | 5.36E-03 | 1.81E-02 |
| ANKRD40 | 0.13 | 3.43 | 5.36E-03 | 1.81E-02 |
| GIMAP1 | 0.48 | 3.43 | 5.37E-03 | 1.81E-02 |
| TNS2 | 0.08 | 3.43 | 5.37E-03 | 1.81E-02 |
| MRPL27 | 0.11 | 3.43 | 5.37E-03 | 1.81E-02 |
| ZBTB26 | -0.15 | -3.43 | 5.37E-03 | 1.81E-02 |
| PSTPIP2 | 0.18 | 3.43 | 5.38E-03 | 1.81E-02 |
| MYO1F | -0.16 | -3.43 | 5.38E-03 | 1.81E-02 |
| OSBPL2 | -0.05 | -3.43 | 5.38E-03 | 1.81E-02 |
| EDAR | 0.19 | 3.43 | 5.39E-03 | 1.81E-02 |
| NUF2 | 0.14 | 3.43 | 5.40E-03 | 1.82E-02 |
| TMEM143 | 0.18 | 3.43 | 5.40E-03 | 1.82E-02 |
| TRIM5 | -0.10 | -3.42 | 5.41E-03 | 1.82E-02 |
| NT5E | 0.16 | 3.42 | 5.42E-03 | 1.82E-02 |
| PTGIS | 0.38 | 3.42 | 5.42E-03 | 1.82E-02 |
| NIPSNAP1 | 0.11 | 3.42 | 5.44E-03 | 1.83E-02 |
| USP22 | 0.04 | 3.42 | 5.45E-03 | 1.83E-02 |
| RPL26 | 0.07 | 3.42 | 5.46E-03 | 1.83E-02 |
| ZNF461 | -0.25 | -3.42 | 5.46E-03 | 1.83E-02 |
| MLST8 | 0.11 | 3.42 | 5.47E-03 | 1.84E-02 |
| ACAD11 | -0.08 | -3.42 | 5.48E-03 | 1.84E-02 |
| NUAK2 | -0.10 | -3.42 | 5.48E-03 | 1.84E-02 |
| MRPL10 | -0.07 | -3.42 | 5.49E-03 | 1.84E-02 |
| TRIM45 | -0.28 | -3.42 | 5.50E-03 | 1.85E-02 |
| GRIP1 | -0.14 | -3.41 | 5.51E-03 | 1.85E-02 |
| UGT1A7 | 0.20 | 3.41 | 5.51E-03 | 1.85E-02 |
| TMEM231 | 0.17 | 3.41 | 5.51E-03 | 1.85E-02 |
| METTL25 | -0.10 | -3.41 | 5.52E-03 | 1.85E-02 |
| ATF1 | 0.08 | 3.41 | 5.53E-03 | 1.85E-02 |
| ITGB6 | -0.12 | -3.41 | 5.53E-03 | 1.85E-02 |
| PDCD7 | -0.10 | -3.41 | 5.53E-03 | 1.85E-02 |
| TRIM23 | -0.09 | -3.41 | 5.53E-03 | 1.85E-02 |
| SFN | 0.07 | 3.41 | 5.54E-03 | 1.85E-02 |
| ZNF285 | -0.47 | -3.41 | 5.54E-03 | 1.85E-02 |
| PTDSS1 | 0.11 | 3.41 | 5.55E-03 | 1.86E-02 |
| IGDCC4 | 0.26 | 3.41 | 5.59E-03 | 1.87E-02 |
| HAGH | 0.15 | 3.41 | 5.59E-03 | 1.87E-02 |
| PTPRZ1 | 0.06 | 3.41 | 5.59E-03 | 1.87E-02 |
| PHC2 | 0.08 | 3.41 | 5.60E-03 | 1.87E-02 |
| COX6A1 | 0.07 | 3.41 | 5.60E-03 | 1.87E-02 |
| MCTP1 | 0.09 | 3.41 | 5.60E-03 | 1.87E-02 |
| NR6A1 | -0.16 | -3.40 | 5.62E-03 | 1.88E-02 |
| BIRC6 | -0.04 | -3.40 | 5.63E-03 | 1.88E-02 |
| MGME1 | -0.08 | -3.40 | 5.64E-03 | 1.88E-02 |
| INO80B | 0.08 | 3.40 | 5.64E-03 | 1.88E-02 |
| FAM50B | 0.21 | 3.40 | 5.65E-03 | 1.88E-02 |
| LRRN3 | -0.38 | -3.40 | 5.65E-03 | 1.88E-02 |
| ZFAT | 0.08 | 3.40 | 5.66E-03 | 1.89E-02 |
| EPS8L1 | -0.08 | -3.40 | 5.66E-03 | 1.89E-02 |
| KCNIP4 | -0.28 | -3.39 | 5.71E-03 | 1.90E-02 |
| RBBP4 | -0.06 | -3.39 | 5.71E-03 | 1.90E-02 |
| TMED7 | -0.12 | -3.39 | 5.71E-03 | 1.90E-02 |
| NDUFAF3 | 0.15 | 3.39 | 5.72E-03 | 1.90E-02 |
| GLOD4 | -0.05 | -3.39 | 5.72E-03 | 1.90E-02 |
| ZNF358 | 0.08 | 3.39 | 5.73E-03 | 1.91E-02 |
| DEAF1 | -0.08 | -3.39 | 5.73E-03 | 1.91E-02 |
| GTF2B | -0.12 | -3.39 | 5.74E-03 | 1.91E-02 |
| KLF8 | -0.07 | -3.39 | 5.74E-03 | 1.91E-02 |
| PQBP1 | 0.07 | 3.39 | 5.74E-03 | 1.91E-02 |
| PLA2G15 | 0.17 | 3.39 | 5.75E-03 | 1.91E-02 |
| POLR2J2 | -0.43 | -3.39 | 5.75E-03 | 1.91E-02 |
| OASL | 0.33 | 3.39 | 5.78E-03 | 1.92E-02 |
| PCBP2 | 0.04 | 3.39 | 5.78E-03 | 1.92E-02 |
| ANKZF1 | -0.06 | -3.39 | 5.80E-03 | 1.93E-02 |
| TYK2 | -0.08 | -3.39 | 5.80E-03 | 1.93E-02 |
| C11orf45 | -0.65 | -3.39 | 5.80E-03 | 1.93E-02 |
| TMEM87B | -0.07 | -3.38 | 5.81E-03 | 1.93E-02 |
| CDYL2 | 0.36 | 3.38 | 5.82E-03 | 1.93E-02 |
| RFFL | -0.12 | -3.38 | 5.86E-03 | 1.94E-02 |
| ACSF2 | -0.12 | -3.38 | 5.87E-03 | 1.95E-02 |
| RRAGD | -0.25 | -3.38 | 5.89E-03 | 1.95E-02 |
| ADGRF5 | 0.09 | 3.38 | 5.91E-03 | 1.96E-02 |
| NBPF12 | -0.05 | -3.38 | 5.91E-03 | 1.96E-02 |
| SRPK3 | 0.18 | 3.37 | 5.92E-03 | 1.96E-02 |
| EML4 | -0.07 | -3.37 | 5.92E-03 | 1.96E-02 |
| RAP1GAP2 | -0.15 | -3.37 | 5.93E-03 | 1.96E-02 |
| AL033529.1 | -0.13 | -3.37 | 5.93E-03 | 1.96E-02 |
| CUEDC2 | 0.09 | 3.37 | 5.94E-03 | 1.97E-02 |
| MSL2 | -0.06 | -3.37 | 5.96E-03 | 1.97E-02 |
| MRPL45 | -0.06 | -3.37 | 5.98E-03 | 1.98E-02 |
| ZNF284 | -0.31 | -3.37 | 5.98E-03 | 1.98E-02 |
| OAS3 | 0.09 | 3.37 | 6.00E-03 | 1.98E-02 |
| EED | -0.13 | -3.37 | 6.00E-03 | 1.98E-02 |
| MTG1 | -0.11 | -3.37 | 6.01E-03 | 1.98E-02 |
| CMAS | -0.09 | -3.37 | 6.01E-03 | 1.99E-02 |
| ZNF233 | -0.24 | -3.37 | 6.02E-03 | 1.99E-02 |
| LDLRAD4 | 0.34 | 3.36 | 6.02E-03 | 1.99E-02 |
| TCEANC2 | -0.21 | -3.36 | 6.03E-03 | 1.99E-02 |
| S100PBP | -0.07 | -3.36 | 6.03E-03 | 1.99E-02 |
| MASTL | -0.11 | -3.36 | 6.04E-03 | 1.99E-02 |
| LLGL1 | -0.08 | -3.36 | 6.04E-03 | 1.99E-02 |
| HNRNPUL1 | 0.04 | 3.36 | 6.05E-03 | 1.99E-02 |
| RCCD1 | -0.15 | -3.36 | 6.05E-03 | 1.99E-02 |
| STRAP | 0.08 | 3.36 | 6.06E-03 | 2.00E-02 |
| ZNF76 | -0.10 | -3.36 | 6.06E-03 | 2.00E-02 |
| HRH1 | 0.28 | 3.36 | 6.09E-03 | 2.01E-02 |
| FAM149B1 | -0.10 | -3.36 | 6.12E-03 | 2.02E-02 |
| ZNF367 | 0.29 | 3.36 | 6.12E-03 | 2.02E-02 |
| ZNF860 | -0.09 | -3.36 | 6.12E-03 | 2.02E-02 |
| C16orf87 | 0.25 | 3.35 | 6.15E-03 | 2.02E-02 |
| COX16 | -0.17 | -3.35 | 6.15E-03 | 2.02E-02 |
| TMEM189 | 0.13 | 3.35 | 6.15E-03 | 2.02E-02 |
| DPH5 | 0.12 | 3.35 | 6.16E-03 | 2.03E-02 |
| OTOP1 | 0.19 | 3.35 | 6.16E-03 | 2.03E-02 |
| ZNF736 | -0.24 | -3.35 | 6.16E-03 | 2.03E-02 |
| ATP6AP1L | -0.23 | -3.35 | 6.16E-03 | 2.03E-02 |
| TMEM241 | 0.13 | 3.35 | 6.18E-03 | 2.03E-02 |
| ADCY5 | 0.35 | 3.35 | 6.19E-03 | 2.03E-02 |
| MMP16 | 0.30 | 3.35 | 6.19E-03 | 2.03E-02 |
| HDHD5 | 0.13 | 3.35 | 6.20E-03 | 2.04E-02 |
| AMMECR1 | 0.17 | 3.35 | 6.21E-03 | 2.04E-02 |
| MTMR12 | 0.07 | 3.35 | 6.21E-03 | 2.04E-02 |
| CHMP2A | 0.08 | 3.35 | 6.22E-03 | 2.04E-02 |
| MFSD5 | 0.09 | 3.35 | 6.22E-03 | 2.04E-02 |
| ZNF774 | -0.32 | -3.35 | 6.23E-03 | 2.04E-02 |
| SPPL2A | -0.07 | -3.35 | 6.24E-03 | 2.05E-02 |
| ATP2C2 | 0.19 | 3.34 | 6.28E-03 | 2.06E-02 |
| RETREG3 | -0.05 | -3.34 | 6.27E-03 | 2.06E-02 |
| CDIPT | 0.11 | 3.34 | 6.28E-03 | 2.06E-02 |
| AC118553.2 | -0.32 | -3.34 | 6.28E-03 | 2.06E-02 |
| KDM5A | -0.04 | -3.34 | 6.29E-03 | 2.06E-02 |
| PPARD | 0.08 | 3.34 | 6.29E-03 | 2.06E-02 |
| FAM20B | 0.06 | 3.34 | 6.31E-03 | 2.06E-02 |
| TMSB10 | 0.15 | 3.34 | 6.31E-03 | 2.06E-02 |
| ANO5 | 0.62 | 3.34 | 6.31E-03 | 2.06E-02 |
| LMBR1L | -0.09 | -3.34 | 6.32E-03 | 2.07E-02 |
| NCOA7 | 0.07 | 3.34 | 6.33E-03 | 2.07E-02 |
| TLR5 | -0.14 | -3.34 | 6.33E-03 | 2.07E-02 |
| CNNM2 | 0.11 | 3.34 | 6.34E-03 | 2.07E-02 |
| GK | -0.17 | -3.34 | 6.35E-03 | 2.08E-02 |
| MRAS | 1.07 | 3.33 | 6.37E-03 | 2.08E-02 |
| ERCC6 | -0.07 | -3.33 | 6.39E-03 | 2.09E-02 |
| NEBL | -0.09 | -3.33 | 6.39E-03 | 2.09E-02 |
| XRRA1 | -0.13 | -3.33 | 6.40E-03 | 2.09E-02 |
| SPATS2L | 0.08 | 3.33 | 6.40E-03 | 2.09E-02 |
| UGGT2 | -0.07 | -3.33 | 6.40E-03 | 2.09E-02 |
| FOPNL | -0.07 | -3.33 | 6.41E-03 | 2.09E-02 |
| INSIG2 | -0.32 | -3.33 | 6.41E-03 | 2.09E-02 |
| AQP1 | 0.12 | 3.33 | 6.42E-03 | 2.09E-02 |
| FNBP4 | -0.06 | -3.33 | 6.42E-03 | 2.09E-02 |
| IFI6 | 0.24 | 3.33 | 6.43E-03 | 2.09E-02 |
| RHEB | 0.10 | 3.33 | 6.43E-03 | 2.09E-02 |
| CSNK1G1 | -0.08 | -3.33 | 6.43E-03 | 2.10E-02 |
| ZNF486 | -0.71 | -3.33 | 6.45E-03 | 2.10E-02 |
| SSBP1 | 0.10 | 3.33 | 6.47E-03 | 2.10E-02 |
| LAIR1 | 0.38 | 3.33 | 6.47E-03 | 2.10E-02 |
| LUC7L | -0.08 | -3.33 | 6.47E-03 | 2.10E-02 |
| FAM200B | -0.20 | -3.32 | 6.47E-03 | 2.11E-02 |
| GPATCH2 | 0.08 | 3.32 | 6.48E-03 | 2.11E-02 |
| CSTB | -0.27 | -3.32 | 6.48E-03 | 2.11E-02 |
| RACK1 | -0.05 | -3.32 | 6.48E-03 | 2.11E-02 |
| TMPRSS11D | -0.19 | -3.32 | 6.51E-03 | 2.12E-02 |
| SIRT2 | 0.10 | 3.32 | 6.52E-03 | 2.12E-02 |
| EFCAB11 | -0.39 | -3.32 | 6.52E-03 | 2.12E-02 |
| AC011462.1 | -0.05 | -3.32 | 6.52E-03 | 2.12E-02 |
| CASC3 | 0.07 | 3.32 | 6.54E-03 | 2.12E-02 |
| RAD51AP2 | -0.50 | -3.32 | 6.54E-03 | 2.12E-02 |
| USB1 | 0.18 | 3.32 | 6.55E-03 | 2.13E-02 |
| RAB3IL1 | 0.23 | 3.32 | 6.56E-03 | 2.13E-02 |
| STUB1 | 0.06 | 3.32 | 6.56E-03 | 2.13E-02 |
| EPHX3 | -0.13 | -3.32 | 6.56E-03 | 2.13E-02 |
| PUM1 | -0.04 | -3.32 | 6.58E-03 | 2.13E-02 |
| NDUFA4 | 0.09 | 3.32 | 6.58E-03 | 2.13E-02 |
| ZNF276 | -0.13 | -3.32 | 6.59E-03 | 2.13E-02 |
| GYS1 | 0.07 | 3.32 | 6.59E-03 | 2.13E-02 |
| RFK | -0.18 | -3.31 | 6.60E-03 | 2.14E-02 |
| MYBBP1A | 0.04 | 3.31 | 6.61E-03 | 2.14E-02 |
| MLF2 | 0.07 | 3.31 | 6.62E-03 | 2.14E-02 |
| PNP | 0.11 | 3.31 | 6.63E-03 | 2.15E-02 |
| TOMM6 | 0.10 | 3.31 | 6.65E-03 | 2.15E-02 |
| RYK | -0.09 | -3.31 | 6.66E-03 | 2.15E-02 |
| TWF2 | 0.12 | 3.31 | 6.66E-03 | 2.15E-02 |
| TMEM70 | 0.12 | 3.31 | 6.67E-03 | 2.16E-02 |
| ZBTB34 | 0.10 | 3.31 | 6.69E-03 | 2.16E-02 |
| LRIF1 | -0.11 | -3.31 | 6.69E-03 | 2.16E-02 |
| ATP5IF1 | 0.15 | 3.31 | 6.70E-03 | 2.16E-02 |
| KIAA1586 | -0.17 | -3.31 | 6.70E-03 | 2.16E-02 |
| MICAL2 | 0.09 | 3.31 | 6.71E-03 | 2.17E-02 |
| SOGA1 | -0.06 | -3.30 | 6.71E-03 | 2.17E-02 |
| ZNF732 | -1.07 | -3.30 | 6.71E-03 | 2.17E-02 |
| KIAA0586 | -0.04 | -3.30 | 6.74E-03 | 2.17E-02 |
| PHACTR2 | 0.13 | 3.30 | 6.76E-03 | 2.18E-02 |
| XRCC1 | 0.07 | 3.30 | 6.78E-03 | 2.18E-02 |
| VSIG10L | 0.06 | 3.30 | 6.78E-03 | 2.18E-02 |
| SCAI | -0.18 | -3.30 | 6.78E-03 | 2.18E-02 |
| ROBO1 | -0.09 | -3.30 | 6.78E-03 | 2.18E-02 |
| TMPRSS13 | 0.12 | 3.30 | 6.79E-03 | 2.19E-02 |
| AL354822.1 | -0.51 | -3.30 | 6.79E-03 | 2.19E-02 |
| DEPTOR | -0.12 | -3.30 | 6.79E-03 | 2.19E-02 |
| NDUFA13 | 0.07 | 3.30 | 6.82E-03 | 2.19E-02 |
| MT-ND2 | 0.12 | 3.30 | 6.82E-03 | 2.19E-02 |
| CHRAC1 | 0.13 | 3.30 | 6.82E-03 | 2.19E-02 |
| KCTD21 | 0.16 | 3.30 | 6.82E-03 | 2.19E-02 |
| AAGAB | 0.10 | 3.29 | 6.83E-03 | 2.20E-02 |
| HAS3 | -0.21 | -3.29 | 6.83E-03 | 2.20E-02 |
| PPA1 | 0.04 | 3.29 | 6.86E-03 | 2.21E-02 |
| KMT2A | -0.04 | -3.29 | 6.87E-03 | 2.21E-02 |
| RPS6KA2 | 0.10 | 3.29 | 6.88E-03 | 2.21E-02 |
| CYP20A1 | -0.13 | -3.29 | 6.88E-03 | 2.21E-02 |
| TIPARP | -0.07 | -3.29 | 6.88E-03 | 2.21E-02 |
| HERC4 | -0.06 | -3.29 | 6.88E-03 | 2.21E-02 |
| MFAP3 | -0.07 | -3.29 | 6.89E-03 | 2.21E-02 |
| RYR3 | -0.10 | -3.29 | 6.89E-03 | 2.21E-02 |
| GIGYF1 | -0.06 | -3.29 | 6.90E-03 | 2.21E-02 |
| RTN4 | 0.04 | 3.29 | 6.90E-03 | 2.21E-02 |
| ARSG | -0.27 | -3.29 | 6.91E-03 | 2.22E-02 |
| PSMC1 | 0.06 | 3.29 | 6.93E-03 | 2.22E-02 |
| CASP1 | -0.12 | -3.29 | 6.93E-03 | 2.22E-02 |
| NDUFB4 | 0.09 | 3.29 | 6.94E-03 | 2.22E-02 |
| ANXA8 | -0.26 | -3.29 | 6.95E-03 | 2.23E-02 |
| AP3M2 | 0.11 | 3.29 | 6.96E-03 | 2.23E-02 |
| ZHX1 | -0.07 | -3.29 | 6.96E-03 | 2.23E-02 |
| COX7C | -0.09 | -3.28 | 6.97E-03 | 2.23E-02 |
| COQ9 | 0.09 | 3.28 | 6.99E-03 | 2.24E-02 |
| EMD | 0.14 | 3.28 | 7.00E-03 | 2.24E-02 |
| MRPL2 | 0.08 | 3.28 | 7.00E-03 | 2.24E-02 |
| TUBGCP3 | -0.05 | -3.28 | 7.01E-03 | 2.24E-02 |
| RHOV | -0.11 | -3.28 | 7.01E-03 | 2.24E-02 |
| ARMC10 | 0.07 | 3.28 | 7.02E-03 | 2.24E-02 |
| SZT2 | -0.08 | -3.28 | 7.02E-03 | 2.24E-02 |
| PITPNB | -0.11 | -3.28 | 7.02E-03 | 2.24E-02 |
| ARL8A | 0.10 | 3.28 | 7.03E-03 | 2.25E-02 |
| RASGRP1 | 0.05 | 3.28 | 7.06E-03 | 2.25E-02 |
| ARHGAP26 | 0.11 | 3.28 | 7.06E-03 | 2.25E-02 |
| ATXN1L | 0.07 | 3.28 | 7.08E-03 | 2.26E-02 |
| RERG | 0.46 | 3.27 | 7.09E-03 | 2.26E-02 |
| AURKAIP1 | 0.12 | 3.27 | 7.11E-03 | 2.27E-02 |
| AP2A1 | 0.06 | 3.27 | 7.11E-03 | 2.27E-02 |
| CPEB3 | -0.11 | -3.27 | 7.11E-03 | 2.27E-02 |
| RPL22L1 | 0.13 | 3.27 | 7.13E-03 | 2.27E-02 |
| MINK1 | -0.04 | -3.27 | 7.14E-03 | 2.28E-02 |
| MED31 | -0.18 | -3.27 | 7.14E-03 | 2.28E-02 |
| PTGFR | 0.18 | 3.27 | 7.15E-03 | 2.28E-02 |
| MRPS17 | 0.25 | 3.27 | 7.16E-03 | 2.28E-02 |
| SNRPD1 | 0.13 | 3.27 | 7.16E-03 | 2.28E-02 |
| SETD2 | -0.07 | -3.27 | 7.18E-03 | 2.29E-02 |
| CYBB | 0.09 | 3.27 | 7.18E-03 | 2.29E-02 |
| TNFRSF14 | -0.22 | -3.27 | 7.18E-03 | 2.29E-02 |
| TSFM | -0.04 | -3.27 | 7.19E-03 | 2.29E-02 |
| ZNF552 | -0.17 | -3.27 | 7.21E-03 | 2.29E-02 |
| ZBTB9 | 0.11 | 3.27 | 7.21E-03 | 2.29E-02 |
| KAT2A | -0.10 | -3.27 | 7.21E-03 | 2.29E-02 |
| KY | 0.54 | 3.26 | 7.22E-03 | 2.29E-02 |
| RAB24 | -0.11 | -3.26 | 7.22E-03 | 2.29E-02 |
| MGAT4A | -0.17 | -3.26 | 7.22E-03 | 2.29E-02 |
| NFIL3 | 0.14 | 3.26 | 7.22E-03 | 2.29E-02 |
| ADCY2 | 0.30 | 3.26 | 7.23E-03 | 2.30E-02 |
| CCDC191 | -0.11 | -3.26 | 7.24E-03 | 2.30E-02 |
| ZNF554 | -0.23 | -3.26 | 7.25E-03 | 2.30E-02 |
| PCDHGA8 | -0.20 | -3.26 | 7.28E-03 | 2.31E-02 |
| KDM2B | 0.07 | 3.26 | 7.29E-03 | 2.31E-02 |
| HSP90B1 | 0.05 | 3.26 | 7.29E-03 | 2.31E-02 |
| STAU1 | 0.07 | 3.26 | 7.30E-03 | 2.31E-02 |
| MYBL2 | 0.13 | 3.26 | 7.30E-03 | 2.31E-02 |
| SPDYE17 | -0.28 | -3.26 | 7.30E-03 | 2.31E-02 |
| SPDYE8P | -0.28 | -3.26 | 7.30E-03 | 2.31E-02 |
| SPDYE9P | -0.28 | -3.26 | 7.30E-03 | 2.31E-02 |
| WDFY2 | -0.05 | -3.26 | 7.31E-03 | 2.31E-02 |
| KANSL3 | -0.08 | -3.26 | 7.31E-03 | 2.31E-02 |
| RNF207 | -0.12 | -3.26 | 7.32E-03 | 2.32E-02 |
| GYPC | 0.23 | 3.25 | 7.35E-03 | 2.33E-02 |
| GNAO1 | 0.17 | 3.25 | 7.36E-03 | 2.33E-02 |
| MMD | 1.32 | 3.25 | 7.38E-03 | 2.33E-02 |
| ZNF135 | -0.40 | -3.25 | 7.40E-03 | 2.34E-02 |
| HLA-DPB1 | 0.07 | 3.25 | 7.40E-03 | 2.34E-02 |
| STAM2 | -0.09 | -3.25 | 7.41E-03 | 2.34E-02 |
| ZNF20 | -0.16 | -3.25 | 7.41E-03 | 2.34E-02 |
| CYP2C19 | -0.77 | -3.25 | 7.47E-03 | 2.36E-02 |
| RPS10 | 0.04 | 3.25 | 7.47E-03 | 2.36E-02 |
| PRKCSH | 0.05 | 3.24 | 7.48E-03 | 2.36E-02 |
| LYRM1 | 0.22 | 3.24 | 7.48E-03 | 2.36E-02 |
| ZNF14 | -0.31 | -3.24 | 7.50E-03 | 2.37E-02 |
| PLEKHA3 | 0.10 | 3.24 | 7.52E-03 | 2.37E-02 |
| MED7 | -0.15 | -3.24 | 7.52E-03 | 2.37E-02 |
| TMEM120B | 0.12 | 3.24 | 7.52E-03 | 2.37E-02 |
| NUDT21 | -0.05 | -3.24 | 7.53E-03 | 2.37E-02 |
| TCEAL8 | 0.08 | 3.24 | 7.54E-03 | 2.38E-02 |
| MADD | -0.08 | -3.24 | 7.54E-03 | 2.38E-02 |
| GTF2F1 | 0.09 | 3.24 | 7.55E-03 | 2.38E-02 |
| H3F3B | -0.07 | -3.24 | 7.55E-03 | 2.38E-02 |
| SUMF1 | -0.08 | -3.24 | 7.55E-03 | 2.38E-02 |
| BTN3A2 | -0.08 | -3.24 | 7.56E-03 | 2.38E-02 |
| TRPC1 | -0.10 | -3.24 | 7.55E-03 | 2.38E-02 |
| PTPN11 | 0.09 | 3.24 | 7.56E-03 | 2.38E-02 |
| CEP57L1 | -0.14 | -3.24 | 7.57E-03 | 2.38E-02 |
| PSMB4 | 0.07 | 3.24 | 7.59E-03 | 2.39E-02 |
| OFD1 | -0.08 | -3.24 | 7.59E-03 | 2.39E-02 |
| GNB4 | -0.12 | -3.24 | 7.59E-03 | 2.39E-02 |
| E2F4 | 0.10 | 3.24 | 7.60E-03 | 2.39E-02 |
| TGFBR3 | -0.08 | -3.24 | 7.60E-03 | 2.39E-02 |
| GCNT4 | 0.37 | 3.24 | 7.60E-03 | 2.39E-02 |
| ZNF492 | -0.31 | -3.23 | 7.62E-03 | 2.39E-02 |
| TSTD1 | -0.14 | -3.23 | 7.63E-03 | 2.40E-02 |
| HADHA | 0.05 | 3.23 | 7.64E-03 | 2.40E-02 |
| EPDR1 | 1.15 | 3.23 | 7.64E-03 | 2.40E-02 |
| TEX2 | 0.05 | 3.23 | 7.65E-03 | 2.40E-02 |
| HIST1H2BK | 0.09 | 3.23 | 7.65E-03 | 2.40E-02 |
| CCDC71L | 0.93 | 3.23 | 7.66E-03 | 2.40E-02 |
| CNOT7 | 0.08 | 3.23 | 7.66E-03 | 2.40E-02 |
| SLF1 | -0.15 | -3.23 | 7.67E-03 | 2.41E-02 |
| DNAJC2 | 0.07 | 3.23 | 7.68E-03 | 2.41E-02 |
| STAG1 | -0.07 | -3.23 | 7.69E-03 | 2.41E-02 |
| ACSBG1 | 0.53 | 3.23 | 7.69E-03 | 2.41E-02 |
| RBM24 | 2.96 | 3.23 | 7.71E-03 | 2.41E-02 |
| SMARCC2 | 0.04 | 3.23 | 7.71E-03 | 2.41E-02 |
| KIF1C | 0.07 | 3.23 | 7.71E-03 | 2.41E-02 |
| ATAD5 | -0.10 | -3.23 | 7.71E-03 | 2.41E-02 |
| LETMD1 | -0.13 | -3.23 | 7.72E-03 | 2.42E-02 |
| COG1 | -0.05 | -3.23 | 7.74E-03 | 2.42E-02 |
| PACS2 | 0.04 | 3.23 | 7.75E-03 | 2.42E-02 |
| NR1D1 | -0.17 | -3.23 | 7.75E-03 | 2.42E-02 |
| SLC20A2 | 0.07 | 3.22 | 7.76E-03 | 2.43E-02 |
| FRRS1 | -0.09 | -3.22 | 7.77E-03 | 2.43E-02 |
| FABP5 | 0.14 | 3.22 | 7.77E-03 | 2.43E-02 |
| PECR | -0.12 | -3.22 | 7.82E-03 | 2.44E-02 |
| PRRG4 | -0.09 | -3.22 | 7.82E-03 | 2.44E-02 |
| PTPN2 | -0.08 | -3.22 | 7.82E-03 | 2.44E-02 |
| SSH2 | 0.06 | 3.22 | 7.83E-03 | 2.45E-02 |
| TRAPPC12 | -0.06 | -3.22 | 7.84E-03 | 2.45E-02 |
| CD74 | 0.07 | 3.22 | 7.86E-03 | 2.45E-02 |
| COL6A3 | 0.06 | 3.22 | 7.87E-03 | 2.45E-02 |
| C11orf54 | -0.14 | -3.22 | 7.87E-03 | 2.45E-02 |
| WIPF1 | 0.13 | 3.21 | 7.90E-03 | 2.46E-02 |
| STAMBP | -0.07 | -3.21 | 7.92E-03 | 2.47E-02 |
| FCHO2 | -0.09 | -3.21 | 7.93E-03 | 2.47E-02 |
| RBFOX2 | -0.06 | -3.21 | 7.94E-03 | 2.47E-02 |
| PFKFB1 | 0.46 | 3.21 | 7.95E-03 | 2.48E-02 |
| ZNF750 | -0.08 | -3.21 | 7.96E-03 | 2.48E-02 |
| AGAP4 | -0.14 | -3.21 | 7.97E-03 | 2.48E-02 |
| CLINT1 | -0.07 | -3.21 | 7.97E-03 | 2.48E-02 |
| CCDC14 | -0.09 | -3.21 | 7.98E-03 | 2.48E-02 |
| TMEM184B | 0.17 | 3.21 | 8.00E-03 | 2.49E-02 |
| AC017081.3 | -0.06 | -3.21 | 8.02E-03 | 2.49E-02 |
| SLC27A1 | -0.11 | -3.21 | 8.02E-03 | 2.50E-02 |
| MCC | -0.05 | -3.21 | 8.04E-03 | 2.50E-02 |
| AL365205.1 | -0.39 | -3.21 | 8.04E-03 | 2.50E-02 |
| PRICKLE4 | -0.39 | -3.21 | 8.04E-03 | 2.50E-02 |
| NR3C2 | -0.12 | -3.20 | 8.05E-03 | 2.50E-02 |
| ROCK2 | 0.06 | 3.20 | 8.06E-03 | 2.51E-02 |
| UBL7 | 0.12 | 3.20 | 8.07E-03 | 2.51E-02 |
| FEN1 | 0.12 | 3.20 | 8.08E-03 | 2.51E-02 |
| PPIL3 | -0.13 | -3.20 | 8.09E-03 | 2.51E-02 |
| GAB3 | 0.20 | 3.20 | 8.11E-03 | 2.52E-02 |
| BICC1 | 0.11 | 3.20 | 8.12E-03 | 2.52E-02 |
| RNGTT | -0.12 | -3.20 | 8.12E-03 | 2.52E-02 |
| AC027455.4 | -0.21 | -3.20 | 8.16E-03 | 2.53E-02 |
| JAGN1 | 0.15 | 3.20 | 8.17E-03 | 2.53E-02 |
| TM9SF3 | -0.06 | -3.20 | 8.18E-03 | 2.54E-02 |
| TM7SF2 | -0.08 | -3.19 | 8.21E-03 | 2.55E-02 |
| ZNF680 | -0.14 | -3.19 | 8.22E-03 | 2.55E-02 |
| LGR6 | 0.13 | 3.19 | 8.23E-03 | 2.55E-02 |
| SHMT2 | 0.10 | 3.19 | 8.23E-03 | 2.55E-02 |
| FOXJ3 | -0.07 | -3.19 | 8.22E-03 | 2.55E-02 |
| AP1S2 | 0.13 | 3.19 | 8.23E-03 | 2.55E-02 |
| EEF1B2 | 0.05 | 3.19 | 8.26E-03 | 2.56E-02 |
| PTGES3 | 0.07 | 3.19 | 8.28E-03 | 2.56E-02 |
| CD2BP2 | 0.07 | 3.19 | 8.29E-03 | 2.56E-02 |
| TRIM4 | -0.06 | -3.19 | 8.29E-03 | 2.56E-02 |
| ATG5 | -0.10 | -3.19 | 8.29E-03 | 2.56E-02 |
| RCN2 | -0.12 | -3.19 | 8.29E-03 | 2.56E-02 |
| IGHE | 0.98 | 3.19 | 8.30E-03 | 2.56E-02 |
| MAGED1 | -0.12 | -3.19 | 8.30E-03 | 2.57E-02 |
| RAPGEF1 | 0.06 | 3.19 | 8.31E-03 | 2.57E-02 |
| MAP4 | 0.09 | 3.19 | 8.31E-03 | 2.57E-02 |
| ZNF576 | 0.27 | 3.19 | 8.31E-03 | 2.57E-02 |
| CBL | 0.07 | 3.19 | 8.32E-03 | 2.57E-02 |
| PCYT2 | 0.11 | 3.19 | 8.33E-03 | 2.57E-02 |
| OSBP2 | -0.20 | -3.19 | 8.33E-03 | 2.57E-02 |
| VAMP7 | 0.08 | 3.18 | 8.34E-03 | 2.57E-02 |
| SLC35C1 | -0.16 | -3.18 | 8.35E-03 | 2.57E-02 |
| BAZ1B | 0.05 | 3.18 | 8.36E-03 | 2.58E-02 |
| SLC25A12 | -0.05 | -3.18 | 8.37E-03 | 2.58E-02 |
| MTFR1 | 0.15 | 3.18 | 8.38E-03 | 2.58E-02 |
| UBL4A | 0.22 | 3.18 | 8.38E-03 | 2.58E-02 |
| STRADB | -0.11 | -3.18 | 8.38E-03 | 2.58E-02 |
| RAI14 | 0.07 | 3.18 | 8.39E-03 | 2.58E-02 |
| ENPP5 | 0.24 | 3.18 | 8.40E-03 | 2.59E-02 |
| IGHG4 | 0.37 | 3.18 | 8.42E-03 | 2.59E-02 |
| PHLDB3 | -0.08 | -3.18 | 8.43E-03 | 2.59E-02 |
| EIF3E | 0.05 | 3.18 | 8.45E-03 | 2.60E-02 |
| DNTTIP2 | 0.08 | 3.18 | 8.45E-03 | 2.60E-02 |
| CPNE2 | 0.08 | 3.18 | 8.45E-03 | 2.60E-02 |
| ARSB | 0.29 | 3.18 | 8.46E-03 | 2.60E-02 |
| ZNF428 | -0.12 | -3.18 | 8.47E-03 | 2.60E-02 |
| MARK3 | -0.05 | -3.18 | 8.47E-03 | 2.60E-02 |
| CARF | -0.09 | -3.18 | 8.47E-03 | 2.60E-02 |
| BRD8 | -0.07 | -3.18 | 8.48E-03 | 2.60E-02 |
| DZANK1 | -0.40 | -3.17 | 8.51E-03 | 2.61E-02 |
| PHF21A | -0.09 | -3.17 | 8.52E-03 | 2.62E-02 |
| ITGA5 | 0.07 | 3.17 | 8.54E-03 | 2.62E-02 |
| ERLIN1 | -0.10 | -3.17 | 8.55E-03 | 2.62E-02 |
| ZNF281 | 0.11 | 3.17 | 8.57E-03 | 2.63E-02 |
| NEDD4 | -0.11 | -3.17 | 8.58E-03 | 2.63E-02 |
| ZNF816 | -0.19 | -3.17 | 8.58E-03 | 2.63E-02 |
| ZWILCH | -0.15 | -3.17 | 8.59E-03 | 2.64E-02 |
| NLRP2 | -0.07 | -3.17 | 8.60E-03 | 2.64E-02 |
| SSR4 | 0.07 | 3.17 | 8.61E-03 | 2.64E-02 |
| EIF4A2 | -0.06 | -3.17 | 8.62E-03 | 2.64E-02 |
| KRAS | -0.20 | -3.17 | 8.61E-03 | 2.64E-02 |
| ZNF383 | -0.14 | -3.17 | 8.61E-03 | 2.64E-02 |
| APBB3 | -0.13 | -3.17 | 8.62E-03 | 2.64E-02 |
| KL | 0.28 | 3.17 | 8.63E-03 | 2.64E-02 |
| RALGAPB | -0.05 | -3.17 | 8.63E-03 | 2.64E-02 |
| ACVR1C | 0.48 | 3.17 | 8.64E-03 | 2.64E-02 |
| NCKAP5 | -0.09 | -3.17 | 8.64E-03 | 2.64E-02 |
| GLT8D2 | 0.15 | 3.16 | 8.64E-03 | 2.64E-02 |
| FAM228B | 0.20 | 3.16 | 8.65E-03 | 2.64E-02 |
| PLIN2 | 0.15 | 3.16 | 8.67E-03 | 2.65E-02 |
| ALG13 | -0.08 | -3.16 | 8.67E-03 | 2.65E-02 |
| STARD8 | 0.26 | 3.16 | 8.70E-03 | 2.66E-02 |
| HNRNPF | 0.05 | 3.16 | 8.70E-03 | 2.66E-02 |
| SLC39A14 | 0.09 | 3.16 | 8.70E-03 | 2.66E-02 |
| LONP2 | -0.04 | -3.16 | 8.72E-03 | 2.66E-02 |
| ANKRD13D | -0.09 | -3.16 | 8.72E-03 | 2.66E-02 |
| PPTC7 | 0.09 | 3.16 | 8.73E-03 | 2.67E-02 |
| FANCL | -0.09 | -3.16 | 8.74E-03 | 2.67E-02 |
| HTRA1 | 0.10 | 3.16 | 8.75E-03 | 2.67E-02 |
| TRIM33 | -0.06 | -3.16 | 8.75E-03 | 2.67E-02 |
| NUCB2 | -0.14 | -3.16 | 8.76E-03 | 2.67E-02 |
| RGL2 | -0.06 | -3.16 | 8.76E-03 | 2.67E-02 |
| UTP3 | 0.08 | 3.16 | 8.77E-03 | 2.67E-02 |
| HADH | 0.05 | 3.16 | 8.77E-03 | 2.67E-02 |
| POFUT2 | -0.13 | -3.16 | 8.78E-03 | 2.67E-02 |
| DCP1B | -0.24 | -3.16 | 8.79E-03 | 2.68E-02 |
| CNST | 0.11 | 3.16 | 8.80E-03 | 2.68E-02 |
| RPL26L1 | 0.16 | 3.15 | 8.82E-03 | 2.68E-02 |
| GABRA3 | 0.41 | 3.15 | 8.82E-03 | 2.68E-02 |
| CCDC15 | -0.09 | -3.15 | 8.83E-03 | 2.69E-02 |
| SF3B2 | 0.06 | 3.15 | 8.83E-03 | 2.69E-02 |
| IGSF6 | -0.18 | -3.15 | 8.84E-03 | 2.69E-02 |
| RADIL | 0.48 | 3.15 | 8.85E-03 | 2.69E-02 |
| MT-ND1 | 0.12 | 3.15 | 8.86E-03 | 2.69E-02 |
| ANGPTL4 | -0.21 | -3.15 | 8.86E-03 | 2.69E-02 |
| PROX1 | 0.26 | 3.15 | 8.87E-03 | 2.69E-02 |
| C1QTNF7 | 0.27 | 3.15 | 8.87E-03 | 2.70E-02 |
| PRKCQ | 0.18 | 3.15 | 8.90E-03 | 2.70E-02 |
| C12orf66 | 0.10 | 3.15 | 8.90E-03 | 2.70E-02 |
| C1orf52 | -0.11 | -3.15 | 8.90E-03 | 2.70E-02 |
| SEC23A | -0.05 | -3.15 | 8.90E-03 | 2.70E-02 |
| GTF2A1 | 0.08 | 3.15 | 8.91E-03 | 2.70E-02 |
| DHRS12 | -0.17 | -3.15 | 8.91E-03 | 2.70E-02 |
| UBE2N | 0.05 | 3.15 | 8.91E-03 | 2.70E-02 |
| ZNF658 | -0.09 | -3.15 | 8.91E-03 | 2.70E-02 |
| PBRM1 | -0.06 | -3.15 | 8.93E-03 | 2.71E-02 |
| TBL1XR1 | -0.07 | -3.15 | 8.93E-03 | 2.71E-02 |
| CKLF | -0.33 | -3.15 | 8.94E-03 | 2.71E-02 |
| STX8 | -0.14 | -3.15 | 8.94E-03 | 2.71E-02 |
| AC256236.3 | -0.14 | -3.15 | 8.96E-03 | 2.71E-02 |
| CNBP | 0.06 | 3.14 | 8.96E-03 | 2.71E-02 |
| RBM8A | 0.10 | 3.14 | 8.97E-03 | 2.72E-02 |
| MAP1LC3A | -0.17 | -3.14 | 8.99E-03 | 2.72E-02 |
| WDR53 | 0.15 | 3.14 | 9.00E-03 | 2.72E-02 |
| EPHA1 | 0.08 | 3.14 | 9.01E-03 | 2.73E-02 |
| WFDC5 | 0.24 | 3.14 | 9.04E-03 | 2.73E-02 |
| NRG4 | 0.62 | 3.14 | 9.05E-03 | 2.74E-02 |
| RNF135 | -0.07 | -3.14 | 9.07E-03 | 2.74E-02 |
| FOXN3 | -0.04 | -3.14 | 9.07E-03 | 2.74E-02 |
| INPP5A | 0.10 | 3.14 | 9.08E-03 | 2.74E-02 |
| AC007325.1 | -0.19 | -3.14 | 9.08E-03 | 2.74E-02 |
| ASS1 | 0.11 | 3.14 | 9.08E-03 | 2.74E-02 |
| DCC | 0.49 | 3.14 | 9.12E-03 | 2.75E-02 |
| KCTD10 | 0.10 | 3.13 | 9.14E-03 | 2.76E-02 |
| TBC1D1 | 0.09 | 3.13 | 9.15E-03 | 2.76E-02 |
| CCNH | -0.07 | -3.13 | 9.16E-03 | 2.76E-02 |
| POLR2F | 0.30 | 3.13 | 9.16E-03 | 2.76E-02 |
| FBXO9 | -0.07 | -3.13 | 9.19E-03 | 2.77E-02 |
| TMEM38B | 0.29 | 3.13 | 9.20E-03 | 2.77E-02 |
| TMC5 | 0.97 | 3.13 | 9.22E-03 | 2.78E-02 |
| RPS11 | 0.05 | 3.13 | 9.23E-03 | 2.78E-02 |
| AC012314.18 | 0.23 | 3.13 | 9.24E-03 | 2.78E-02 |
| AC012314.12 | 0.23 | 3.13 | 9.24E-03 | 2.78E-02 |
| AC012314.11 | 0.23 | 3.13 | 9.24E-03 | 2.78E-02 |
| AC012314.14 | 0.23 | 3.13 | 9.24E-03 | 2.78E-02 |
| NDUFA3 | 0.23 | 3.13 | 9.24E-03 | 2.78E-02 |
| AC012314.1 | 0.23 | 3.13 | 9.24E-03 | 2.78E-02 |
| AC012314.5 | 0.23 | 3.13 | 9.24E-03 | 2.78E-02 |
| AC012314.22 | 0.23 | 3.13 | 9.24E-03 | 2.78E-02 |
| AC012314.26 | 0.23 | 3.13 | 9.24E-03 | 2.78E-02 |
| HIST1H1B | 0.05 | 3.13 | 9.25E-03 | 2.78E-02 |
| GATA2 | 0.56 | 3.13 | 9.25E-03 | 2.78E-02 |
| IL12RB2 | 0.12 | 3.13 | 9.27E-03 | 2.79E-02 |
| ZFYVE27 | -0.15 | -3.13 | 9.28E-03 | 2.79E-02 |
| SLFN12L | -0.38 | -3.12 | 9.31E-03 | 2.80E-02 |
| MAP2 | 0.04 | 3.12 | 9.38E-03 | 2.82E-02 |
| UBE2Q1 | 0.06 | 3.12 | 9.38E-03 | 2.82E-02 |
| SYNE3 | 0.12 | 3.12 | 9.38E-03 | 2.82E-02 |
| HSD17B4 | -0.06 | -3.12 | 9.39E-03 | 2.82E-02 |
| FLII | 0.05 | 3.12 | 9.39E-03 | 2.82E-02 |
| AUTS2 | 0.06 | 3.12 | 9.40E-03 | 2.82E-02 |
| MT-ND6 | 0.11 | 3.12 | 9.40E-03 | 2.82E-02 |
| ZNF394 | 0.06 | 3.12 | 9.40E-03 | 2.82E-02 |
| TMPRSS4 | -0.16 | -3.12 | 9.43E-03 | 2.83E-02 |
| TBC1D5 | -0.05 | -3.12 | 9.44E-03 | 2.83E-02 |
| ARL5A | 0.07 | 3.12 | 9.44E-03 | 2.83E-02 |
| MS4A7 | 0.17 | 3.11 | 9.47E-03 | 2.84E-02 |
| DSN1 | -0.25 | -3.11 | 9.47E-03 | 2.84E-02 |
| VEGFA | 0.09 | 3.11 | 9.49E-03 | 2.84E-02 |
| RAD18 | -0.15 | -3.11 | 9.50E-03 | 2.85E-02 |
| ZNF550 | -0.17 | -3.11 | 9.51E-03 | 2.85E-02 |
| MLLT6 | -0.06 | -3.11 | 9.53E-03 | 2.85E-02 |
| EVI5 | -0.06 | -3.11 | 9.55E-03 | 2.86E-02 |
| ANGEL2 | -0.10 | -3.11 | 9.56E-03 | 2.86E-02 |
| PLPP2 | 0.15 | 3.11 | 9.57E-03 | 2.86E-02 |
| OGG1 | -0.13 | -3.11 | 9.59E-03 | 2.87E-02 |
| B4GALT5 | -0.06 | -3.11 | 9.60E-03 | 2.87E-02 |
| KBTBD7 | -0.09 | -3.11 | 9.61E-03 | 2.87E-02 |
| TNFAIP1 | 0.09 | 3.11 | 9.63E-03 | 2.88E-02 |
| DTL | 0.11 | 3.11 | 9.63E-03 | 2.88E-02 |
| GJA4 | 0.33 | 3.10 | 9.64E-03 | 2.88E-02 |
| NXT2 | 0.26 | 3.10 | 9.64E-03 | 2.88E-02 |
| NLGN1 | 0.26 | 3.10 | 9.67E-03 | 2.89E-02 |
| HELLS | -0.13 | -3.10 | 9.66E-03 | 2.89E-02 |
| FNDC5 | 1.16 | 3.10 | 9.67E-03 | 2.89E-02 |
| EXD3 | -0.30 | -3.10 | 9.68E-03 | 2.89E-02 |
| PIGZ | -0.37 | -3.10 | 9.69E-03 | 2.89E-02 |
| JAML | -0.31 | -3.10 | 9.69E-03 | 2.89E-02 |
| ADIRF | 0.13 | 3.10 | 9.70E-03 | 2.89E-02 |
| ERF | 0.08 | 3.10 | 9.71E-03 | 2.89E-02 |
| PHLPP2 | 0.11 | 3.10 | 9.71E-03 | 2.90E-02 |
| GRHL1 | -0.09 | -3.10 | 9.74E-03 | 2.90E-02 |
| KCNJ2 | -0.09 | -3.10 | 9.74E-03 | 2.90E-02 |
| ZBTB1 | -0.06 | -3.10 | 9.76E-03 | 2.91E-02 |
| MAN1A2 | 0.06 | 3.10 | 9.77E-03 | 2.91E-02 |
| CXorf40A | 0.17 | 3.10 | 9.78E-03 | 2.91E-02 |
| DISP1 | 0.12 | 3.10 | 9.79E-03 | 2.91E-02 |
| TOB2 | 0.06 | 3.10 | 9.79E-03 | 2.91E-02 |
| GPATCH4 | 0.14 | 3.10 | 9.80E-03 | 2.92E-02 |
| PPL | -0.10 | -3.10 | 9.81E-03 | 2.92E-02 |
| RUNX1 | -0.10 | -3.10 | 9.80E-03 | 2.92E-02 |
| FKBP14 | -0.16 | -3.09 | 9.83E-03 | 2.92E-02 |
| RAB13 | 0.07 | 3.09 | 9.84E-03 | 2.93E-02 |
| AL358472.6 | 0.07 | 3.09 | 9.84E-03 | 2.93E-02 |
| PUS1 | 0.17 | 3.09 | 9.86E-03 | 2.93E-02 |
| RNF128 | 0.16 | 3.09 | 9.87E-03 | 2.93E-02 |
| DDIT4 | -0.18 | -3.09 | 9.87E-03 | 2.93E-02 |
| ZNF326 | -0.10 | -3.09 | 9.88E-03 | 2.93E-02 |
| NME1-NME2 | 0.09 | 3.09 | 9.89E-03 | 2.94E-02 |
| TTI1 | -0.10 | -3.09 | 9.89E-03 | 2.94E-02 |
| TOGARAM2 | 0.56 | 3.09 | 9.90E-03 | 2.94E-02 |
| PPIL1 | 0.12 | 3.09 | 9.94E-03 | 2.95E-02 |
| DGKB | 1.14 | 3.09 | 9.96E-03 | 2.95E-02 |
| MT-ND4L | 0.15 | 3.09 | 9.97E-03 | 2.96E-02 |
| CLDN1 | -0.07 | -3.09 | 9.97E-03 | 2.96E-02 |
| AKT3 | 0.11 | 3.08 | 9.99E-03 | 2.96E-02 |
| SPATA6L | -0.22 | -3.08 | 1.00E-02 | 2.97E-02 |
| SF3B3 | -0.03 | -3.08 | 1.00E-02 | 2.97E-02 |
| CEACAM6 | -0.59 | -3.08 | 1.00E-02 | 2.97E-02 |
| RIPOR1 | 0.06 | 3.08 | 1.00E-02 | 2.97E-02 |
| TCEAL3 | 0.20 | 3.08 | 1.00E-02 | 2.97E-02 |
| ZNF200 | 0.10 | 3.08 | 1.01E-02 | 2.98E-02 |
| ZNF622 | 0.07 | 3.08 | 1.01E-02 | 2.98E-02 |
| CRLS1 | -0.10 | -3.08 | 1.01E-02 | 2.98E-02 |
| FRA10AC1 | -0.16 | -3.08 | 1.01E-02 | 2.98E-02 |
| TIMELESS | 0.07 | 3.08 | 1.01E-02 | 2.98E-02 |
| FTH1 | 0.06 | 3.08 | 1.01E-02 | 2.98E-02 |
| SNRPF | -0.05 | -3.08 | 1.01E-02 | 2.99E-02 |
| EEF1G | 0.04 | 3.08 | 1.01E-02 | 2.99E-02 |
| MT-ND4 | 0.11 | 3.08 | 1.02E-02 | 3.00E-02 |
| CDK2AP1 | 0.19 | 3.07 | 1.02E-02 | 3.01E-02 |
| GOLGA3 | 0.04 | 3.07 | 1.02E-02 | 3.01E-02 |
| ALAD | -0.19 | -3.07 | 1.02E-02 | 3.01E-02 |
| TPSAB1 | 0.41 | 3.07 | 1.02E-02 | 3.02E-02 |
| PLBD2 | 0.13 | 3.07 | 1.02E-02 | 3.02E-02 |
| RPL14 | 0.07 | 3.07 | 1.02E-02 | 3.02E-02 |
| RBX1 | -0.14 | -3.07 | 1.02E-02 | 3.02E-02 |
| FXYD6 | 0.56 | 3.07 | 1.02E-02 | 3.02E-02 |
| GUCY1B1 | 0.17 | 3.07 | 1.02E-02 | 3.02E-02 |
| PRR11 | 0.17 | 3.07 | 1.03E-02 | 3.02E-02 |
| ZNF134 | -0.12 | -3.07 | 1.03E-02 | 3.02E-02 |
| ARHGAP24 | -0.22 | -3.07 | 1.03E-02 | 3.02E-02 |
| ETNK1 | -0.10 | -3.07 | 1.03E-02 | 3.02E-02 |
| CHADL | -0.17 | -3.07 | 1.03E-02 | 3.03E-02 |
| RGS16 | 0.69 | 3.07 | 1.03E-02 | 3.03E-02 |
| KLF12 | 0.22 | 3.07 | 1.03E-02 | 3.03E-02 |
| TMCO6 | -0.14 | -3.07 | 1.03E-02 | 3.04E-02 |
| SHROOM4 | -0.07 | -3.07 | 1.03E-02 | 3.04E-02 |
| WDR3 | 0.07 | 3.07 | 1.04E-02 | 3.05E-02 |
| AATK | -0.24 | -3.06 | 1.04E-02 | 3.05E-02 |
| PPIC | -0.07 | -3.06 | 1.04E-02 | 3.05E-02 |
| FAM168B | 0.12 | 3.06 | 1.04E-02 | 3.05E-02 |
| MREG | 0.11 | 3.06 | 1.04E-02 | 3.05E-02 |
| MLLT1 | 0.07 | 3.06 | 1.04E-02 | 3.06E-02 |
| COA3 | -0.16 | -3.06 | 1.04E-02 | 3.06E-02 |
| CTDP1 | 0.07 | 3.06 | 1.04E-02 | 3.06E-02 |
| HECTD2 | -0.09 | -3.06 | 1.04E-02 | 3.07E-02 |
| MRPL14 | 0.16 | 3.06 | 1.04E-02 | 3.07E-02 |
| RAP2B | -0.14 | -3.06 | 1.05E-02 | 3.07E-02 |
| INTS6 | -0.09 | -3.06 | 1.05E-02 | 3.08E-02 |
| C5orf34 | -0.15 | -3.06 | 1.05E-02 | 3.08E-02 |
| CGAS | 0.11 | 3.06 | 1.05E-02 | 3.08E-02 |
| BCAS2 | -0.11 | -3.06 | 1.05E-02 | 3.09E-02 |
| GSE1 | 0.09 | 3.06 | 1.05E-02 | 3.09E-02 |
| USP1 | -0.08 | -3.06 | 1.05E-02 | 3.09E-02 |
| POLR3D | 0.10 | 3.05 | 1.06E-02 | 3.09E-02 |
| SMCHD1 | -0.05 | -3.05 | 1.06E-02 | 3.09E-02 |
| BRCC3 | 0.12 | 3.05 | 1.06E-02 | 3.09E-02 |
| BCAR3 | 0.14 | 3.05 | 1.06E-02 | 3.09E-02 |
| ARFGAP3 | -0.09 | -3.05 | 1.06E-02 | 3.10E-02 |
| SLC37A2 | 0.29 | 3.05 | 1.06E-02 | 3.10E-02 |
| ZNF770 | -0.08 | -3.05 | 1.06E-02 | 3.10E-02 |
| KIAA0895L | -0.15 | -3.05 | 1.06E-02 | 3.11E-02 |
| TIMM8B | -0.18 | -3.05 | 1.06E-02 | 3.11E-02 |
| DCP2 | -0.11 | -3.05 | 1.06E-02 | 3.11E-02 |
| NR1H2 | 0.08 | 3.05 | 1.07E-02 | 3.12E-02 |
| PDCD6IP | -0.06 | -3.05 | 1.07E-02 | 3.12E-02 |
| OIP5 | -0.41 | -3.05 | 1.07E-02 | 3.13E-02 |
| ZFAND4 | -0.19 | -3.05 | 1.07E-02 | 3.13E-02 |
| PAFAH1B3 | -0.19 | -3.05 | 1.07E-02 | 3.13E-02 |
| DCHS1 | 0.14 | 3.05 | 1.07E-02 | 3.13E-02 |
| FKBP9 | 0.05 | 3.05 | 1.07E-02 | 3.13E-02 |
| ZNF816-ZNF321P | -0.67 | -3.05 | 1.07E-02 | 3.13E-02 |
| IFIT1 | 0.11 | 3.05 | 1.07E-02 | 3.14E-02 |
| STARD9 | 0.06 | 3.04 | 1.08E-02 | 3.15E-02 |
| STK31 | 0.25 | 3.04 | 1.08E-02 | 3.15E-02 |
| RPS27 | 0.07 | 3.04 | 1.08E-02 | 3.16E-02 |
| EIF4A1 | 0.06 | 3.04 | 1.08E-02 | 3.16E-02 |
| ABHD18 | -0.11 | -3.04 | 1.08E-02 | 3.16E-02 |
| CPOX | -0.10 | -3.04 | 1.08E-02 | 3.16E-02 |
| GPBP1 | -0.09 | -3.04 | 1.08E-02 | 3.16E-02 |
| CSTF1 | 0.06 | 3.04 | 1.09E-02 | 3.17E-02 |
| KLHL7 | -0.08 | -3.04 | 1.09E-02 | 3.17E-02 |
| SDR16C5 | 0.08 | 3.04 | 1.09E-02 | 3.18E-02 |
| HBP1 | -0.05 | -3.04 | 1.09E-02 | 3.18E-02 |
| SLA2 | -1.03 | -3.03 | 1.09E-02 | 3.19E-02 |
| ZNF404 | -0.52 | -3.03 | 1.10E-02 | 3.19E-02 |
| EVA1C | 0.06 | 3.03 | 1.10E-02 | 3.20E-02 |
| SPRR2F | 0.36 | 3.03 | 1.10E-02 | 3.20E-02 |
| RUFY2 | -0.24 | -3.03 | 1.10E-02 | 3.20E-02 |
| ZCCHC2 | 0.06 | 3.03 | 1.10E-02 | 3.20E-02 |
| EML3 | -0.10 | -3.03 | 1.10E-02 | 3.21E-02 |
| SCAP | -0.06 | -3.03 | 1.11E-02 | 3.21E-02 |
| SERPINA3 | 0.76 | 3.03 | 1.11E-02 | 3.21E-02 |
| STIM1 | -0.05 | -3.03 | 1.11E-02 | 3.22E-02 |
| SLC35E2B | -0.14 | -3.03 | 1.11E-02 | 3.23E-02 |
| NOC2L | 0.05 | 3.03 | 1.11E-02 | 3.24E-02 |
| TAF1B | -0.17 | -3.02 | 1.12E-02 | 3.24E-02 |
| RICTOR | -0.04 | -3.02 | 1.12E-02 | 3.24E-02 |
| RCAN1 | 0.21 | 3.02 | 1.12E-02 | 3.24E-02 |
| SGCG | 2.22 | 3.02 | 1.12E-02 | 3.25E-02 |
| AC007325.2 | 0.19 | 3.02 | 1.12E-02 | 3.25E-02 |
| PYGL | -0.15 | -3.02 | 1.12E-02 | 3.25E-02 |
| AVEN | 0.11 | 3.02 | 1.12E-02 | 3.25E-02 |
| CISD3 | 0.17 | 3.02 | 1.12E-02 | 3.25E-02 |
| VGLL3 | 0.27 | 3.02 | 1.12E-02 | 3.25E-02 |
| NFATC4 | 0.14 | 3.02 | 1.12E-02 | 3.26E-02 |
| TDG | -0.07 | -3.02 | 1.12E-02 | 3.26E-02 |
| MAPK8IP3 | -0.08 | -3.02 | 1.13E-02 | 3.26E-02 |
| SLC25A19 | 0.22 | 3.02 | 1.13E-02 | 3.26E-02 |
| IFITM2 | 0.15 | 3.02 | 1.13E-02 | 3.27E-02 |
| KCNJ15 | -0.08 | -3.02 | 1.13E-02 | 3.27E-02 |
| THOC5 | 0.07 | 3.02 | 1.13E-02 | 3.27E-02 |
| TIMM17A | 0.14 | 3.02 | 1.13E-02 | 3.28E-02 |
| ZFP64 | 0.07 | 3.02 | 1.13E-02 | 3.28E-02 |
| TSPYL4 | 0.13 | 3.02 | 1.13E-02 | 3.28E-02 |
| XAF1 | -0.14 | -3.02 | 1.13E-02 | 3.28E-02 |
| MRPL28 | 0.17 | 3.01 | 1.14E-02 | 3.28E-02 |
| CCZ1B | 0.04 | 3.01 | 1.14E-02 | 3.28E-02 |
| SFT2D1 | -0.30 | -3.01 | 1.14E-02 | 3.29E-02 |
| DEGS2 | 0.49 | 3.01 | 1.14E-02 | 3.29E-02 |
| OBSCN | 0.11 | 3.01 | 1.14E-02 | 3.29E-02 |
| TSC22D2 | -0.10 | -3.01 | 1.14E-02 | 3.29E-02 |
| PDCL | 0.09 | 3.01 | 1.14E-02 | 3.29E-02 |
| GGT7 | -0.13 | -3.01 | 1.14E-02 | 3.29E-02 |
| FURIN | 0.07 | 3.01 | 1.14E-02 | 3.29E-02 |
| ACAD10 | -0.07 | -3.01 | 1.14E-02 | 3.29E-02 |
| CFAP20 | 0.12 | 3.01 | 1.14E-02 | 3.30E-02 |
| EEPD1 | 0.17 | 3.01 | 1.14E-02 | 3.30E-02 |
| DACH1 | 0.40 | 3.01 | 1.14E-02 | 3.30E-02 |
| CCDC171 | -0.15 | -3.01 | 1.15E-02 | 3.30E-02 |
| ZNF230 | -0.22 | -3.01 | 1.15E-02 | 3.30E-02 |
| TFDP2 | -0.13 | -3.01 | 1.15E-02 | 3.30E-02 |
| RNF220 | 0.06 | 3.01 | 1.15E-02 | 3.30E-02 |
| USP31 | -0.11 | -3.01 | 1.15E-02 | 3.31E-02 |
| KRT15 | -0.05 | -3.01 | 1.15E-02 | 3.31E-02 |
| NPTN | -0.05 | -3.01 | 1.15E-02 | 3.31E-02 |
| FAM162A | 0.10 | 3.01 | 1.15E-02 | 3.32E-02 |
| FOXQ1 | -0.36 | -3.01 | 1.15E-02 | 3.32E-02 |
| TUBG2 | -0.10 | -3.01 | 1.15E-02 | 3.32E-02 |
| S100A6 | -0.06 | -3.00 | 1.16E-02 | 3.33E-02 |
| RP1L1 | 0.43 | 3.00 | 1.16E-02 | 3.33E-02 |
| RNF14 | -0.07 | -3.00 | 1.16E-02 | 3.33E-02 |
| AP3M1 | -0.06 | -3.00 | 1.16E-02 | 3.33E-02 |
| LPAR2 | -0.33 | -3.00 | 1.16E-02 | 3.33E-02 |
| RNF44 | -0.12 | -3.00 | 1.16E-02 | 3.34E-02 |
| ERRFI1 | 0.09 | 3.00 | 1.16E-02 | 3.34E-02 |
| TMPRSS11E | -0.34 | -3.00 | 1.17E-02 | 3.35E-02 |
| PALB2 | -0.06 | -3.00 | 1.17E-02 | 3.35E-02 |
| ZNF566 | -0.24 | -3.00 | 1.17E-02 | 3.35E-02 |
| APOO | 0.17 | 3.00 | 1.17E-02 | 3.36E-02 |
| PSMD5 | -0.06 | -3.00 | 1.17E-02 | 3.36E-02 |
| ID1 | 0.14 | 3.00 | 1.17E-02 | 3.36E-02 |
| GTF2F2 | 0.09 | 3.00 | 1.17E-02 | 3.37E-02 |
| GRTP1 | -0.12 | -2.99 | 1.18E-02 | 3.38E-02 |
| PLSCR1 | -0.10 | -2.99 | 1.18E-02 | 3.38E-02 |
| PNKP | -0.15 | -2.99 | 1.18E-02 | 3.38E-02 |
| SLC36A4 | -0.19 | -2.99 | 1.18E-02 | 3.38E-02 |
| IRS2 | 0.23 | 2.99 | 1.18E-02 | 3.38E-02 |
| CYP2R1 | -0.17 | -2.99 | 1.18E-02 | 3.38E-02 |
| PRTG | 0.18 | 2.99 | 1.18E-02 | 3.39E-02 |
| WNT10A | 0.21 | 2.99 | 1.18E-02 | 3.39E-02 |
| TWISTNB | 0.13 | 2.99 | 1.18E-02 | 3.39E-02 |
| KYAT1 | -0.71 | -2.99 | 1.18E-02 | 3.39E-02 |
| ANKRD37 | -0.32 | -2.99 | 1.18E-02 | 3.39E-02 |
| ITGA1 | 0.08 | 2.99 | 1.19E-02 | 3.40E-02 |
| TEX10 | -0.07 | -2.99 | 1.19E-02 | 3.40E-02 |
| NFE4 | -0.40 | -2.99 | 1.19E-02 | 3.40E-02 |
| CTC1 | -0.06 | -2.99 | 1.19E-02 | 3.40E-02 |
| TMEM25 | -0.27 | -2.99 | 1.19E-02 | 3.40E-02 |
| SCAF8 | -0.05 | -2.99 | 1.19E-02 | 3.40E-02 |
| HSBP1 | -0.12 | -2.99 | 1.19E-02 | 3.41E-02 |
| BLVRA | -0.11 | -2.99 | 1.19E-02 | 3.41E-02 |
| ZBTB14 | -0.11 | -2.99 | 1.20E-02 | 3.42E-02 |
| FGD2 | -0.17 | -2.99 | 1.20E-02 | 3.42E-02 |
| DCTN6 | 0.12 | 2.99 | 1.20E-02 | 3.42E-02 |
| GPR153 | 0.24 | 2.99 | 1.20E-02 | 3.42E-02 |
| KPNA1 | 0.06 | 2.98 | 1.20E-02 | 3.42E-02 |
| MUL1 | 0.14 | 2.98 | 1.20E-02 | 3.43E-02 |
| ADAMTS2 | 0.12 | 2.98 | 1.20E-02 | 3.43E-02 |
| sep-08 | 0.07 | 2.98 | 1.20E-02 | 3.43E-02 |
| IGHV3-64D | 1.19 | 2.98 | 1.20E-02 | 3.43E-02 |
| AC247036.4 | 1.19 | 2.98 | 1.20E-02 | 3.43E-02 |
| ZNF793 | -0.61 | -2.98 | 1.20E-02 | 3.43E-02 |
| THNSL2 | -0.21 | -2.98 | 1.21E-02 | 3.44E-02 |
| DUSP16 | -0.07 | -2.98 | 1.21E-02 | 3.44E-02 |
| PODN | 0.18 | 2.98 | 1.21E-02 | 3.44E-02 |
| ACTN1 | 0.07 | 2.98 | 1.21E-02 | 3.44E-02 |
| ZNF248 | -0.08 | -2.98 | 1.21E-02 | 3.44E-02 |
| SLC9A2 | 1.26 | 2.98 | 1.21E-02 | 3.44E-02 |
| AKT1 | 0.05 | 2.98 | 1.21E-02 | 3.45E-02 |
| DPEP2 | 0.27 | 2.98 | 1.21E-02 | 3.45E-02 |
| HGH1 | 0.23 | 2.98 | 1.21E-02 | 3.45E-02 |
| AC129492.1 | -0.13 | -2.98 | 1.22E-02 | 3.46E-02 |
| ZNF430 | -0.17 | -2.98 | 1.22E-02 | 3.46E-02 |
| MSX2 | 0.27 | 2.97 | 1.22E-02 | 3.48E-02 |
| TMC7 | 0.60 | 2.97 | 1.23E-02 | 3.49E-02 |
| TAS2R43 | -0.21 | -2.97 | 1.23E-02 | 3.49E-02 |
| PTPRC | -0.06 | -2.97 | 1.23E-02 | 3.49E-02 |
| BABAM1 | 0.08 | 2.97 | 1.23E-02 | 3.49E-02 |
| MFSD10 | -0.15 | -2.97 | 1.23E-02 | 3.49E-02 |
| TMED3 | -0.08 | -2.97 | 1.23E-02 | 3.50E-02 |
| KCTD2 | -0.13 | -2.97 | 1.23E-02 | 3.50E-02 |
| AK4 | -0.11 | -2.97 | 1.23E-02 | 3.50E-02 |
| HERC6 | -0.05 | -2.97 | 1.23E-02 | 3.50E-02 |
| IL3RA | -0.19 | -2.97 | 1.24E-02 | 3.51E-02 |
| DUSP11 | -0.06 | -2.97 | 1.24E-02 | 3.51E-02 |
| PLEKHH2 | -0.08 | -2.97 | 1.24E-02 | 3.51E-02 |
| COPB2 | -0.06 | -2.97 | 1.24E-02 | 3.52E-02 |
| COQ4 | -0.16 | -2.97 | 1.24E-02 | 3.52E-02 |
| ARHGAP33 | -0.30 | -2.97 | 1.24E-02 | 3.52E-02 |
| RGS14 | -0.07 | -2.97 | 1.24E-02 | 3.52E-02 |
| ZNF83 | -0.32 | -2.97 | 1.24E-02 | 3.52E-02 |
| PEPD | -0.11 | -2.96 | 1.24E-02 | 3.52E-02 |
| SLC26A10 | 0.52 | 2.96 | 1.25E-02 | 3.53E-02 |
| C19orf33 | -0.06 | -2.96 | 1.25E-02 | 3.53E-02 |
| TK2 | -0.15 | -2.96 | 1.25E-02 | 3.53E-02 |
| KIDINS220 | -0.04 | -2.96 | 1.25E-02 | 3.53E-02 |
| SWAP70 | 0.07 | 2.96 | 1.25E-02 | 3.53E-02 |
| SRSF11 | -0.08 | -2.96 | 1.25E-02 | 3.53E-02 |
| FHOD3 | 0.13 | 2.96 | 1.25E-02 | 3.54E-02 |
| TENM1 | 0.15 | 2.96 | 1.25E-02 | 3.54E-02 |
| ZNF106 | 0.11 | 2.96 | 1.25E-02 | 3.54E-02 |
| SPTBN2 | -0.04 | -2.96 | 1.26E-02 | 3.56E-02 |
| CNTN3 | 0.25 | 2.96 | 1.26E-02 | 3.56E-02 |
| PGBD4 | -0.13 | -2.96 | 1.26E-02 | 3.57E-02 |
| MRPS15 | 0.14 | 2.96 | 1.27E-02 | 3.57E-02 |
| CRYBG1 | -0.08 | -2.96 | 1.26E-02 | 3.57E-02 |
| RAP2C | 0.06 | 2.95 | 1.27E-02 | 3.57E-02 |
| MX1 | -0.07 | -2.95 | 1.27E-02 | 3.58E-02 |
| ODF2 | 0.08 | 2.95 | 1.27E-02 | 3.59E-02 |
| ZC3H7A | -0.05 | -2.95 | 1.27E-02 | 3.59E-02 |
| ZFYVE9 | -0.05 | -2.95 | 1.28E-02 | 3.60E-02 |
| SH2B1 | -0.07 | -2.95 | 1.28E-02 | 3.60E-02 |
| AOPEP | -0.04 | -2.95 | 1.28E-02 | 3.60E-02 |
| STX5 | -0.07 | -2.95 | 1.28E-02 | 3.60E-02 |
| MFSD14B | -0.05 | -2.95 | 1.28E-02 | 3.60E-02 |
| HELZ | -0.05 | -2.95 | 1.28E-02 | 3.60E-02 |
| AKR1E2 | 0.33 | 2.95 | 1.28E-02 | 3.61E-02 |
| NEDD1 | 0.09 | 2.95 | 1.28E-02 | 3.61E-02 |
| DPY19L2 | -0.14 | -2.95 | 1.29E-02 | 3.62E-02 |
| AC092835.1 | -0.49 | -2.95 | 1.29E-02 | 3.62E-02 |
| SCEL | -0.16 | -2.95 | 1.29E-02 | 3.62E-02 |
| C6orf62 | -0.10 | -2.95 | 1.29E-02 | 3.62E-02 |
| SDE2 | 0.08 | 2.94 | 1.29E-02 | 3.63E-02 |
| C6 | 0.33 | 2.94 | 1.29E-02 | 3.63E-02 |
| RBM43 | -0.14 | -2.94 | 1.29E-02 | 3.63E-02 |
| PRMT9 | -0.14 | -2.94 | 1.29E-02 | 3.63E-02 |
| SOCS7 | -0.15 | -2.94 | 1.29E-02 | 3.63E-02 |
| ATG16L1 | 0.06 | 2.94 | 1.30E-02 | 3.65E-02 |
| NCDN | 0.15 | 2.94 | 1.30E-02 | 3.65E-02 |
| KIF3C | 0.29 | 2.94 | 1.30E-02 | 3.65E-02 |
| GATAD2A | 0.07 | 2.94 | 1.30E-02 | 3.65E-02 |
| S100A10 | -0.07 | -2.94 | 1.30E-02 | 3.66E-02 |
| ARPC3 | -0.06 | -2.94 | 1.31E-02 | 3.67E-02 |
| CSNK1G2 | 0.06 | 2.94 | 1.31E-02 | 3.68E-02 |
| CEP44 | -0.16 | -2.94 | 1.31E-02 | 3.68E-02 |
| ZFAND2B | 0.10 | 2.93 | 1.31E-02 | 3.68E-02 |
| G3BP2 | 0.08 | 2.93 | 1.31E-02 | 3.68E-02 |
| MAP4K3 | -0.05 | -2.93 | 1.31E-02 | 3.68E-02 |
| CNTROB | -0.20 | -2.93 | 1.31E-02 | 3.68E-02 |
| FBXO30 | 0.07 | 2.93 | 1.31E-02 | 3.68E-02 |
| NFKBIB | 0.12 | 2.93 | 1.31E-02 | 3.68E-02 |
| CCDC69 | 0.22 | 2.93 | 1.32E-02 | 3.69E-02 |
| UBAP2L | 0.04 | 2.93 | 1.32E-02 | 3.69E-02 |
| EPB41L5 | -0.08 | -2.93 | 1.32E-02 | 3.69E-02 |
| DDX23 | 0.05 | 2.93 | 1.32E-02 | 3.69E-02 |
| UBQLN1 | 0.04 | 2.93 | 1.32E-02 | 3.69E-02 |
| AP002512.3 | -0.07 | -2.93 | 1.32E-02 | 3.70E-02 |
| NOP53 | 0.04 | 2.93 | 1.32E-02 | 3.70E-02 |
| FPR3 | 0.17 | 2.93 | 1.32E-02 | 3.70E-02 |
| INTS10 | 0.05 | 2.93 | 1.32E-02 | 3.70E-02 |
| TRMT11 | -0.10 | -2.93 | 1.32E-02 | 3.70E-02 |
| APH1A | -0.11 | -2.93 | 1.32E-02 | 3.70E-02 |
| KIAA1328 | -0.09 | -2.93 | 1.33E-02 | 3.70E-02 |
| KRT8 | -0.09 | -2.93 | 1.33E-02 | 3.70E-02 |
| USF1 | 0.09 | 2.93 | 1.33E-02 | 3.71E-02 |
| PRPSAP1 | -0.08 | -2.93 | 1.33E-02 | 3.71E-02 |
| FAM214B | -0.11 | -2.93 | 1.33E-02 | 3.71E-02 |
| NEMP2 | -0.15 | -2.93 | 1.33E-02 | 3.73E-02 |
| HIST1H3J | 0.15 | 2.93 | 1.34E-02 | 3.73E-02 |
| CDK16 | 0.06 | 2.92 | 1.34E-02 | 3.74E-02 |
| CD27 | 0.29 | 2.92 | 1.34E-02 | 3.74E-02 |
| POLG | -0.06 | -2.92 | 1.34E-02 | 3.74E-02 |
| MIF4GD | 0.14 | 2.92 | 1.34E-02 | 3.75E-02 |
| EMG1 | 0.06 | 2.92 | 1.34E-02 | 3.75E-02 |
| CXorf56 | 0.14 | 2.92 | 1.35E-02 | 3.76E-02 |
| AEN | 0.34 | 2.92 | 1.35E-02 | 3.76E-02 |
| NUDT18 | -0.15 | -2.92 | 1.35E-02 | 3.76E-02 |
| KIAA0895 | 0.18 | 2.92 | 1.35E-02 | 3.77E-02 |
| SLC44A5 | 0.15 | 2.92 | 1.35E-02 | 3.77E-02 |
| ZNF708 | -0.17 | -2.92 | 1.35E-02 | 3.77E-02 |
| LPAR3 | -0.14 | -2.92 | 1.35E-02 | 3.77E-02 |
| TLE1 | 0.08 | 2.92 | 1.35E-02 | 3.77E-02 |
| BMPER | 0.43 | 2.92 | 1.35E-02 | 3.77E-02 |
| DGCR8 | -0.07 | -2.92 | 1.36E-02 | 3.77E-02 |
| SKI | 0.07 | 2.92 | 1.36E-02 | 3.77E-02 |
| MYO1E | -0.05 | -2.92 | 1.36E-02 | 3.78E-02 |
| HIST1H2AM | 0.07 | 2.92 | 1.36E-02 | 3.78E-02 |
| FMOD | 0.15 | 2.91 | 1.37E-02 | 3.81E-02 |
| SCNN1A | -0.04 | -2.91 | 1.37E-02 | 3.81E-02 |
| CDK19 | -0.11 | -2.91 | 1.37E-02 | 3.82E-02 |
| NUDT12 | -0.10 | -2.91 | 1.38E-02 | 3.82E-02 |
| CYP2U1 | 0.23 | 2.91 | 1.38E-02 | 3.83E-02 |
| TXNDC5 | 0.13 | 2.91 | 1.38E-02 | 3.83E-02 |
| LAMC3 | 0.48 | 2.91 | 1.38E-02 | 3.83E-02 |
| ANKRD36 | -0.05 | -2.91 | 1.38E-02 | 3.83E-02 |
| NAA40 | -0.31 | -2.90 | 1.39E-02 | 3.85E-02 |
| CEBPZOS | -0.13 | -2.90 | 1.39E-02 | 3.85E-02 |
| SRP14 | 0.17 | 2.90 | 1.39E-02 | 3.85E-02 |
| AP1G1 | -0.06 | -2.90 | 1.39E-02 | 3.85E-02 |
| HES5 | 0.39 | 2.90 | 1.39E-02 | 3.85E-02 |
| NUP62 | 0.08 | 2.90 | 1.39E-02 | 3.85E-02 |
| PIK3R1 | -0.06 | -2.90 | 1.39E-02 | 3.85E-02 |
| NAV2 | -0.10 | -2.90 | 1.39E-02 | 3.85E-02 |
| ILRUN | 0.05 | 2.90 | 1.39E-02 | 3.86E-02 |
| ARMC5 | -0.06 | -2.90 | 1.39E-02 | 3.86E-02 |
| ARHGEF12 | -0.06 | -2.90 | 1.40E-02 | 3.87E-02 |
| ARL2BP | 0.07 | 2.90 | 1.40E-02 | 3.89E-02 |
| ITGB8 | -0.04 | -2.90 | 1.41E-02 | 3.89E-02 |
| SLC35F5 | -0.06 | -2.90 | 1.41E-02 | 3.89E-02 |
| NIPAL4 | 0.17 | 2.90 | 1.41E-02 | 3.89E-02 |
| TRRAP | -0.04 | -2.90 | 1.41E-02 | 3.90E-02 |
| ARHGAP40 | -0.19 | -2.89 | 1.41E-02 | 3.91E-02 |
| ADCYAP1R1 | 0.23 | 2.89 | 1.41E-02 | 3.91E-02 |
| GINM1 | -0.06 | -2.89 | 1.41E-02 | 3.91E-02 |
| ZC3H12D | 0.30 | 2.89 | 1.41E-02 | 3.91E-02 |
| ZNF251 | -0.07 | -2.89 | 1.41E-02 | 3.91E-02 |
| YJU2 | 0.13 | 2.89 | 1.42E-02 | 3.91E-02 |
| PLCD3 | 0.08 | 2.89 | 1.42E-02 | 3.91E-02 |
| PPP3CC | -0.08 | -2.89 | 1.42E-02 | 3.91E-02 |
| PRDM2 | -0.05 | -2.89 | 1.42E-02 | 3.91E-02 |
| FKBP2 | 0.17 | 2.89 | 1.42E-02 | 3.92E-02 |
| HPS3 | -0.10 | -2.89 | 1.42E-02 | 3.93E-02 |
| PCGF2 | 0.08 | 2.89 | 1.42E-02 | 3.93E-02 |
| TBL3 | 0.09 | 2.89 | 1.43E-02 | 3.93E-02 |
| RPL36AL | 0.12 | 2.89 | 1.43E-02 | 3.93E-02 |
| ESRP2 | -0.07 | -2.89 | 1.43E-02 | 3.93E-02 |
| CARHSP1 | -0.11 | -2.89 | 1.43E-02 | 3.93E-02 |
| PSMB8 | 0.07 | 2.89 | 1.43E-02 | 3.94E-02 |
| COMMD3 | -0.10 | -2.89 | 1.43E-02 | 3.94E-02 |
| SERINC2 | -0.08 | -2.89 | 1.43E-02 | 3.94E-02 |
| TOP3A | -0.08 | -2.89 | 1.43E-02 | 3.94E-02 |
| SLC33A1 | -0.16 | -2.89 | 1.43E-02 | 3.95E-02 |
| EIF2B3 | 0.09 | 2.89 | 1.43E-02 | 3.95E-02 |
| KDM5B | -0.04 | -2.89 | 1.43E-02 | 3.95E-02 |
| LLPH | 0.22 | 2.89 | 1.43E-02 | 3.95E-02 |
| KRT7 | -0.85 | -2.89 | 1.44E-02 | 3.95E-02 |
| EZH1 | -0.06 | -2.89 | 1.44E-02 | 3.95E-02 |
| ZNF181 | -0.10 | -2.89 | 1.44E-02 | 3.95E-02 |
| CASP9 | -0.17 | -2.89 | 1.44E-02 | 3.95E-02 |
| CHMP4B | 0.05 | 2.88 | 1.44E-02 | 3.96E-02 |
| MPP3 | 0.21 | 2.88 | 1.44E-02 | 3.96E-02 |
| TBC1D10B | 0.06 | 2.88 | 1.44E-02 | 3.96E-02 |
| MFSD4A | -0.58 | -2.88 | 1.44E-02 | 3.96E-02 |
| RSBN1L | -0.05 | -2.88 | 1.44E-02 | 3.97E-02 |
| TMEM41A | -0.17 | -2.88 | 1.44E-02 | 3.97E-02 |
| RRAS | 0.18 | 2.88 | 1.45E-02 | 3.98E-02 |
| AC078927.1 | -0.21 | -2.88 | 1.45E-02 | 3.98E-02 |
| PITX1 | -0.09 | -2.88 | 1.45E-02 | 3.98E-02 |
| SLC26A9 | 0.44 | 2.88 | 1.45E-02 | 3.98E-02 |
| KAT2B | -0.12 | -2.88 | 1.45E-02 | 3.98E-02 |
| HEPH | 0.21 | 2.88 | 1.45E-02 | 3.98E-02 |
| L3MBTL3 | 0.13 | 2.88 | 1.45E-02 | 3.99E-02 |
| TRIM38 | -0.08 | -2.88 | 1.46E-02 | 3.99E-02 |
| ENDOG | 0.11 | 2.88 | 1.46E-02 | 3.99E-02 |
| HMGB3 | 0.11 | 2.88 | 1.46E-02 | 3.99E-02 |
| MARF1 | -0.05 | -2.88 | 1.46E-02 | 3.99E-02 |
| ANKRD10 | -0.07 | -2.88 | 1.46E-02 | 4.00E-02 |
| PRXL2C | 0.29 | 2.88 | 1.46E-02 | 4.00E-02 |
| SMAGP | 0.15 | 2.88 | 1.46E-02 | 4.01E-02 |
| UAP1L1 | 0.10 | 2.87 | 1.46E-02 | 4.01E-02 |
| PEX2 | -0.09 | -2.87 | 1.47E-02 | 4.01E-02 |
| CDK13 | -0.03 | -2.87 | 1.47E-02 | 4.01E-02 |
| ATG7 | -0.11 | -2.87 | 1.47E-02 | 4.02E-02 |
| TMEM184A | -0.08 | -2.87 | 1.47E-02 | 4.02E-02 |
| LOXL1 | 0.17 | 2.87 | 1.47E-02 | 4.03E-02 |
| ZNF496 | 0.07 | 2.87 | 1.47E-02 | 4.03E-02 |
| ZNF644 | -0.06 | -2.87 | 1.47E-02 | 4.03E-02 |
| DCTN5 | -0.15 | -2.87 | 1.47E-02 | 4.03E-02 |
| FUCA2 | 0.05 | 2.87 | 1.48E-02 | 4.04E-02 |
| PPIL4 | -0.10 | -2.87 | 1.48E-02 | 4.04E-02 |
| GBP5 | 0.15 | 2.87 | 1.48E-02 | 4.04E-02 |
| ITSN1 | 0.06 | 2.87 | 1.48E-02 | 4.05E-02 |
| LIN54 | -0.09 | -2.87 | 1.48E-02 | 4.05E-02 |
| CHD1L | 0.07 | 2.87 | 1.48E-02 | 4.05E-02 |
| ZNF665 | -0.48 | -2.87 | 1.48E-02 | 4.05E-02 |
| RNH1 | -0.05 | -2.87 | 1.48E-02 | 4.05E-02 |
| MAPK8IP1 | 0.16 | 2.87 | 1.48E-02 | 4.05E-02 |
| GRIN3A | 0.49 | 2.87 | 1.49E-02 | 4.05E-02 |
| IMMP1L | -0.14 | -2.87 | 1.49E-02 | 4.05E-02 |
| TTC12 | -0.23 | -2.87 | 1.49E-02 | 4.06E-02 |
| SMURF2 | -0.05 | -2.86 | 1.49E-02 | 4.06E-02 |
| STK38 | -0.08 | -2.86 | 1.49E-02 | 4.06E-02 |
| JUND | 0.11 | 2.86 | 1.49E-02 | 4.07E-02 |
| C15orf40 | -0.09 | -2.86 | 1.49E-02 | 4.07E-02 |
| CLUH | 0.04 | 2.86 | 1.50E-02 | 4.08E-02 |
| CNPY4 | 0.18 | 2.86 | 1.50E-02 | 4.08E-02 |
| SLFN12 | -0.13 | -2.86 | 1.50E-02 | 4.08E-02 |
| GALNT6 | 0.43 | 2.86 | 1.50E-02 | 4.08E-02 |
| NTMT1 | 0.17 | 2.86 | 1.50E-02 | 4.08E-02 |
| GNAI3 | -0.06 | -2.86 | 1.50E-02 | 4.08E-02 |
| PCDH7 | -0.09 | -2.86 | 1.50E-02 | 4.08E-02 |
| NOL8 | -0.08 | -2.86 | 1.50E-02 | 4.09E-02 |
| SECISBP2L | -0.08 | -2.86 | 1.50E-02 | 4.09E-02 |
| SLC25A3 | 0.05 | 2.86 | 1.51E-02 | 4.10E-02 |
| ISG15 | 0.53 | 2.86 | 1.51E-02 | 4.10E-02 |
| BMS1 | -0.07 | -2.86 | 1.51E-02 | 4.10E-02 |
| THAP4 | 0.08 | 2.86 | 1.51E-02 | 4.10E-02 |
| ZFX | -0.05 | -2.86 | 1.51E-02 | 4.10E-02 |
| PKDCC | 0.33 | 2.86 | 1.51E-02 | 4.11E-02 |
| PIGW | 0.07 | 2.86 | 1.51E-02 | 4.11E-02 |
| AL031777.3 | 0.23 | 2.86 | 1.51E-02 | 4.11E-02 |
| HEMK1 | -0.13 | -2.86 | 1.51E-02 | 4.11E-02 |
| CTSF | 0.10 | 2.86 | 1.51E-02 | 4.11E-02 |
| PCNX1 | -0.04 | -2.86 | 1.51E-02 | 4.11E-02 |
| PAK6 | -0.09 | -2.86 | 1.52E-02 | 4.11E-02 |
| ACADSB | -0.18 | -2.85 | 1.52E-02 | 4.12E-02 |
| PPP4R1 | -0.07 | -2.85 | 1.52E-02 | 4.12E-02 |
| TOP3B | -0.08 | -2.85 | 1.52E-02 | 4.13E-02 |
| EBP | 0.06 | 2.85 | 1.52E-02 | 4.13E-02 |
| MAU2 | -0.09 | -2.85 | 1.52E-02 | 4.13E-02 |
| UGCG | 0.05 | 2.85 | 1.52E-02 | 4.13E-02 |
| CRABP2 | 0.05 | 2.85 | 1.52E-02 | 4.13E-02 |
| ESD | -0.07 | -2.85 | 1.52E-02 | 4.13E-02 |
| BDNF | 0.26 | 2.85 | 1.53E-02 | 4.14E-02 |
| ZBED5 | -0.07 | -2.85 | 1.53E-02 | 4.15E-02 |
| TEX264 | 0.11 | 2.85 | 1.53E-02 | 4.15E-02 |
| TTF1 | -0.07 | -2.85 | 1.53E-02 | 4.15E-02 |
| MACROD1 | 0.09 | 2.85 | 1.53E-02 | 4.15E-02 |
| SFMBT2 | 0.08 | 2.85 | 1.54E-02 | 4.16E-02 |
| CDH16 | 2.22 | 2.85 | 1.54E-02 | 4.16E-02 |
| POLR3A | -0.05 | -2.85 | 1.54E-02 | 4.16E-02 |
| MYL2 | 2.53 | 2.85 | 1.54E-02 | 4.16E-02 |
| ASH1L | -0.03 | -2.85 | 1.54E-02 | 4.16E-02 |
| ABCG2 | -0.12 | -2.85 | 1.54E-02 | 4.17E-02 |
| ZNF618 | 0.13 | 2.84 | 1.55E-02 | 4.18E-02 |
| ZBTB40 | -0.04 | -2.84 | 1.55E-02 | 4.18E-02 |
| PFDN5 | 0.05 | 2.84 | 1.55E-02 | 4.18E-02 |
| TRMT13 | -0.14 | -2.84 | 1.55E-02 | 4.19E-02 |
| DIAPH2 | 0.04 | 2.84 | 1.55E-02 | 4.19E-02 |
| SMYD2 | -0.08 | -2.84 | 1.55E-02 | 4.20E-02 |
| LRRC37B | -0.09 | -2.84 | 1.56E-02 | 4.21E-02 |
| TSC2 | -0.05 | -2.84 | 1.56E-02 | 4.21E-02 |
| DHX15 | -0.03 | -2.84 | 1.56E-02 | 4.21E-02 |
| KLF2 | 0.24 | 2.84 | 1.56E-02 | 4.22E-02 |
| CD55 | -0.10 | -2.84 | 1.57E-02 | 4.23E-02 |
| HLA-DQA2 | 0.37 | 2.84 | 1.57E-02 | 4.23E-02 |
| FAM184A | -0.15 | -2.84 | 1.57E-02 | 4.23E-02 |
| POLB | -0.10 | -2.84 | 1.57E-02 | 4.23E-02 |
| ONECUT1 | 0.15 | 2.84 | 1.57E-02 | 4.24E-02 |
| EFS | -0.10 | -2.83 | 1.57E-02 | 4.24E-02 |
| ZFP62 | -0.07 | -2.83 | 1.58E-02 | 4.24E-02 |
| LYPD3 | -0.05 | -2.83 | 1.58E-02 | 4.25E-02 |
| TM2D1 | -0.16 | -2.83 | 1.58E-02 | 4.25E-02 |
| TEFM | -0.25 | -2.83 | 1.58E-02 | 4.25E-02 |
| AP2B1 | -0.04 | -2.83 | 1.58E-02 | 4.26E-02 |
| DOK1 | 0.26 | 2.83 | 1.59E-02 | 4.27E-02 |
| AGER | -0.25 | -2.83 | 1.59E-02 | 4.27E-02 |
| PLTP | 0.15 | 2.83 | 1.59E-02 | 4.27E-02 |
| RSC1A1 | -0.05 | -2.83 | 1.59E-02 | 4.27E-02 |
| NAPA | 0.05 | 2.83 | 1.59E-02 | 4.28E-02 |
| OSBPL6 | -0.08 | -2.83 | 1.59E-02 | 4.28E-02 |
| MCTS2P | -0.20 | -2.83 | 1.59E-02 | 4.29E-02 |
| RUNX2 | -0.24 | -2.83 | 1.59E-02 | 4.29E-02 |
| UBE2R2 | 0.10 | 2.83 | 1.60E-02 | 4.29E-02 |
| GRAMD4 | -0.05 | -2.83 | 1.60E-02 | 4.29E-02 |
| AC008758.6 | -0.10 | -2.83 | 1.60E-02 | 4.29E-02 |
| PROB1 | 0.22 | 2.83 | 1.60E-02 | 4.29E-02 |
| EIF3K | 0.05 | 2.83 | 1.60E-02 | 4.29E-02 |
| PLA2G4E | -0.10 | -2.83 | 1.60E-02 | 4.29E-02 |
| IL10RB | -0.10 | -2.83 | 1.60E-02 | 4.29E-02 |
| SLC1A5 | 0.13 | 2.83 | 1.60E-02 | 4.29E-02 |
| COX14 | 0.25 | 2.83 | 1.60E-02 | 4.29E-02 |
| MINDY3 | -0.07 | -2.83 | 1.60E-02 | 4.29E-02 |
| CHD2 | -0.07 | -2.83 | 1.60E-02 | 4.30E-02 |
| SPAG7 | 0.16 | 2.82 | 1.60E-02 | 4.30E-02 |
| SH3BP4 | 0.12 | 2.82 | 1.60E-02 | 4.30E-02 |
| BCL11A | -0.23 | -2.82 | 1.60E-02 | 4.30E-02 |
| RRAGA | 0.08 | 2.82 | 1.61E-02 | 4.30E-02 |
| PLEK2 | -0.06 | -2.82 | 1.61E-02 | 4.30E-02 |
| DLG1 | -0.07 | -2.82 | 1.61E-02 | 4.30E-02 |
| AFF4 | -0.07 | -2.82 | 1.61E-02 | 4.30E-02 |
| PARVA | 0.08 | 2.82 | 1.61E-02 | 4.31E-02 |
| USP9X | -0.05 | -2.82 | 1.61E-02 | 4.32E-02 |
| TBCC | 0.12 | 2.82 | 1.61E-02 | 4.32E-02 |
| MAFG | 0.27 | 2.82 | 1.61E-02 | 4.32E-02 |
| FOXB2 | 2.08 | 2.82 | 1.62E-02 | 4.32E-02 |
| WDR73 | -0.39 | -2.82 | 1.62E-02 | 4.32E-02 |
| CIAO2B | 0.15 | 2.82 | 1.62E-02 | 4.33E-02 |
| ARHGAP10 | -0.08 | -2.82 | 1.62E-02 | 4.33E-02 |
| OBSL1 | -0.06 | -2.82 | 1.62E-02 | 4.33E-02 |
| PPP1R15A | 0.09 | 2.82 | 1.62E-02 | 4.33E-02 |
| NOTCH3 | -0.06 | -2.82 | 1.62E-02 | 4.33E-02 |
| FNTB | -0.12 | -2.82 | 1.62E-02 | 4.33E-02 |
| TMEM41B | -0.21 | -2.82 | 1.62E-02 | 4.33E-02 |
| BRF2 | 0.09 | 2.82 | 1.62E-02 | 4.34E-02 |
| ATP11C | 0.05 | 2.82 | 1.63E-02 | 4.34E-02 |
| PBK | 0.15 | 2.82 | 1.63E-02 | 4.34E-02 |
| PPP2R2D | -0.04 | -2.82 | 1.63E-02 | 4.34E-02 |
| TNIK | -0.21 | -2.82 | 1.63E-02 | 4.34E-02 |
| WDR75 | -0.05 | -2.82 | 1.63E-02 | 4.34E-02 |
| SLC37A1 | -0.11 | -2.81 | 1.63E-02 | 4.35E-02 |
| NSL1 | -0.12 | -2.81 | 1.63E-02 | 4.36E-02 |
| TMEM183A | 0.06 | 2.81 | 1.64E-02 | 4.37E-02 |
| TIAL1 | -0.05 | -2.81 | 1.64E-02 | 4.37E-02 |
| DPP8 | -0.08 | -2.81 | 1.64E-02 | 4.37E-02 |
| AC091491.1 | -0.07 | -2.81 | 1.64E-02 | 4.37E-02 |
| RGP1 | -0.05 | -2.81 | 1.64E-02 | 4.37E-02 |
| FAM172A | -0.10 | -2.81 | 1.64E-02 | 4.38E-02 |
| CALHM2 | 0.14 | 2.81 | 1.64E-02 | 4.38E-02 |
| ATAD1 | -0.05 | -2.81 | 1.65E-02 | 4.38E-02 |
| FANCD2 | -0.04 | -2.81 | 1.65E-02 | 4.38E-02 |
| MDFI | 0.20 | 2.81 | 1.65E-02 | 4.39E-02 |
| LAMA5 | -0.09 | -2.81 | 1.65E-02 | 4.39E-02 |
| PHKA1 | 0.08 | 2.81 | 1.65E-02 | 4.39E-02 |
| ZNF441 | -0.14 | -2.81 | 1.65E-02 | 4.40E-02 |
| PROCR | 0.29 | 2.81 | 1.65E-02 | 4.40E-02 |
| S100A9 | -0.09 | -2.81 | 1.65E-02 | 4.40E-02 |
| ZNF84 | -0.07 | -2.81 | 1.66E-02 | 4.40E-02 |
| ERO1A | -0.21 | -2.81 | 1.66E-02 | 4.40E-02 |
| PGAM1 | -0.05 | -2.81 | 1.66E-02 | 4.40E-02 |
| GAB1 | -0.09 | -2.81 | 1.66E-02 | 4.40E-02 |
| ZNF343 | -0.08 | -2.81 | 1.66E-02 | 4.40E-02 |
| FCGBP | -0.12 | -2.81 | 1.66E-02 | 4.41E-02 |
| RRP9 | 0.13 | 2.81 | 1.66E-02 | 4.41E-02 |
| RASGEF1B | 0.07 | 2.80 | 1.66E-02 | 4.41E-02 |
| CALD1 | 0.07 | 2.80 | 1.66E-02 | 4.42E-02 |
| AC005840.1 | 0.07 | 2.80 | 1.67E-02 | 4.43E-02 |
| KRT6B | 0.25 | 2.80 | 1.67E-02 | 4.43E-02 |
| SPATA13 | 0.13 | 2.80 | 1.67E-02 | 4.43E-02 |
| ZNF468 | -0.14 | -2.80 | 1.67E-02 | 4.43E-02 |
| CEBPD | 0.20 | 2.80 | 1.67E-02 | 4.43E-02 |
| SIKE1 | -0.17 | -2.80 | 1.67E-02 | 4.43E-02 |
| SREBF1 | -0.09 | -2.80 | 1.67E-02 | 4.43E-02 |
| PLEKHG2 | 0.10 | 2.80 | 1.68E-02 | 4.44E-02 |
| IGF2R | -0.04 | -2.80 | 1.68E-02 | 4.44E-02 |
| SLAMF7 | 0.23 | 2.80 | 1.68E-02 | 4.45E-02 |
| TMEM206 | 0.15 | 2.80 | 1.68E-02 | 4.46E-02 |
| EPN2 | -0.06 | -2.80 | 1.68E-02 | 4.46E-02 |
| NCOR1 | -0.05 | -2.80 | 1.68E-02 | 4.46E-02 |
| SIL1 | 0.08 | 2.80 | 1.69E-02 | 4.46E-02 |
| RFT1 | -0.12 | -2.80 | 1.69E-02 | 4.46E-02 |
| BCL2L12 | 0.22 | 2.80 | 1.69E-02 | 4.46E-02 |
| PTCD2 | -0.12 | -2.80 | 1.69E-02 | 4.47E-02 |
| ZNF34 | 0.12 | 2.80 | 1.69E-02 | 4.47E-02 |
| DNMT3A | -0.05 | -2.80 | 1.69E-02 | 4.47E-02 |
| AGPAT2 | 0.14 | 2.80 | 1.69E-02 | 4.47E-02 |
| TRPV6 | -0.26 | -2.80 | 1.69E-02 | 4.47E-02 |
| NSUN3 | -0.13 | -2.79 | 1.69E-02 | 4.47E-02 |
| CA12 | -0.06 | -2.79 | 1.69E-02 | 4.47E-02 |
| MTURN | 0.15 | 2.79 | 1.70E-02 | 4.48E-02 |
| BSPRY | 0.07 | 2.79 | 1.70E-02 | 4.49E-02 |
| TYSND1 | -0.11 | -2.79 | 1.71E-02 | 4.50E-02 |
| AC117378.1 | 0.07 | 2.79 | 1.71E-02 | 4.50E-02 |
| IL1RAPL1 | 0.39 | 2.79 | 1.71E-02 | 4.51E-02 |
| ZSCAN12 | -0.28 | -2.79 | 1.71E-02 | 4.51E-02 |
| RRAGC | 0.07 | 2.79 | 1.71E-02 | 4.51E-02 |
| OSBPL10 | -0.08 | -2.79 | 1.72E-02 | 4.52E-02 |
| TMEM245 | -0.06 | -2.79 | 1.72E-02 | 4.53E-02 |
| APEX2 | 0.13 | 2.79 | 1.72E-02 | 4.54E-02 |
| MRPS6 | 0.12 | 2.78 | 1.72E-02 | 4.54E-02 |
| JPH2 | 0.72 | 2.78 | 1.72E-02 | 4.54E-02 |
| GOPC | -0.10 | -2.78 | 1.72E-02 | 4.54E-02 |
| E2F1 | 0.20 | 2.78 | 1.73E-02 | 4.54E-02 |
| CAPZB | -0.05 | -2.78 | 1.73E-02 | 4.54E-02 |
| PNLIPRP3 | 2.77 | 2.78 | 1.73E-02 | 4.54E-02 |
| SLC35F6 | 0.11 | 2.78 | 1.73E-02 | 4.55E-02 |
| NEK2 | 0.21 | 2.78 | 1.73E-02 | 4.55E-02 |
| RPS23 | -0.04 | -2.78 | 1.73E-02 | 4.55E-02 |
| SEPSECS | -0.14 | -2.78 | 1.73E-02 | 4.55E-02 |
| PRX | 0.20 | 2.78 | 1.73E-02 | 4.56E-02 |
| ZNF222 | -0.47 | -2.78 | 1.73E-02 | 4.56E-02 |
| GM2A | 0.07 | 2.78 | 1.73E-02 | 4.56E-02 |
| LBH | 0.32 | 2.78 | 1.73E-02 | 4.56E-02 |
| NPC2 | -0.05 | -2.78 | 1.73E-02 | 4.56E-02 |
| EPCAM | 0.17 | 2.78 | 1.73E-02 | 4.56E-02 |
| MAB21L1 | 0.27 | 2.78 | 1.74E-02 | 4.56E-02 |
| USP38 | 0.07 | 2.78 | 1.74E-02 | 4.56E-02 |
| ALG11 | -0.24 | -2.78 | 1.74E-02 | 4.57E-02 |
| ZBTB5 | -0.06 | -2.78 | 1.74E-02 | 4.57E-02 |
| LRRC39 | 0.31 | 2.78 | 1.74E-02 | 4.57E-02 |
| ZNF354C | -0.16 | -2.78 | 1.74E-02 | 4.57E-02 |
| ANKRA2 | -0.13 | -2.78 | 1.74E-02 | 4.57E-02 |
| RBAK-RBAKDN | 0.26 | 2.78 | 1.74E-02 | 4.58E-02 |
| CMTM4 | -0.31 | -2.78 | 1.75E-02 | 4.58E-02 |
| SLC35B1 | 0.10 | 2.78 | 1.75E-02 | 4.60E-02 |
| ATP10A | 0.12 | 2.78 | 1.75E-02 | 4.60E-02 |
| PKD1L1 | 0.20 | 2.77 | 1.76E-02 | 4.61E-02 |
| SMAD5 | -0.06 | -2.77 | 1.76E-02 | 4.61E-02 |
| APMAP | 0.08 | 2.77 | 1.76E-02 | 4.61E-02 |
| NT5DC3 | 0.14 | 2.77 | 1.76E-02 | 4.61E-02 |
| UHRF1 | 0.10 | 2.77 | 1.76E-02 | 4.61E-02 |
| RELA | 0.04 | 2.77 | 1.76E-02 | 4.61E-02 |
| NBR1 | -0.05 | -2.77 | 1.76E-02 | 4.61E-02 |
| MPV17L2 | 0.39 | 2.77 | 1.76E-02 | 4.61E-02 |
| ECHDC1 | -0.08 | -2.77 | 1.77E-02 | 4.62E-02 |
| EHMT1 | 0.04 | 2.77 | 1.77E-02 | 4.62E-02 |
| FAM32A | 0.17 | 2.77 | 1.77E-02 | 4.62E-02 |
| CAPRIN2 | 0.05 | 2.77 | 1.77E-02 | 4.62E-02 |
| TUBD1 | -0.26 | -2.77 | 1.77E-02 | 4.62E-02 |
| STK3 | 0.07 | 2.77 | 1.77E-02 | 4.62E-02 |
| ZNF572 | -0.15 | -2.77 | 1.77E-02 | 4.63E-02 |
| GATAD2B | 0.06 | 2.77 | 1.77E-02 | 4.63E-02 |
| ZWINT | 0.15 | 2.77 | 1.77E-02 | 4.63E-02 |
| AKAP9 | -0.07 | -2.77 | 1.77E-02 | 4.63E-02 |
| NUBPL | -0.25 | -2.77 | 1.77E-02 | 4.63E-02 |
| SFXN3 | 0.13 | 2.77 | 1.78E-02 | 4.64E-02 |
| PPP1R14C | 0.24 | 2.77 | 1.78E-02 | 4.65E-02 |
| AL109827.1 | -0.21 | -2.77 | 1.78E-02 | 4.65E-02 |
| ARHGEF3 | -0.06 | -2.77 | 1.78E-02 | 4.65E-02 |
| PHRF1 | -0.04 | -2.77 | 1.79E-02 | 4.66E-02 |
| ZNF585A | -0.16 | -2.77 | 1.79E-02 | 4.66E-02 |
| ZNF675 | -0.21 | -2.76 | 1.79E-02 | 4.67E-02 |
| VPS37C | 0.14 | 2.76 | 1.79E-02 | 4.67E-02 |
| SPCS1 | -0.09 | -2.76 | 1.79E-02 | 4.67E-02 |
| GSTZ1 | 0.16 | 2.76 | 1.79E-02 | 4.68E-02 |
| BCL3 | -0.10 | -2.76 | 1.79E-02 | 4.68E-02 |
| SURF1 | 0.12 | 2.76 | 1.80E-02 | 4.69E-02 |
| SPATA2 | 0.10 | 2.76 | 1.80E-02 | 4.69E-02 |
| ENTPD7 | 0.09 | 2.76 | 1.80E-02 | 4.69E-02 |
| RNF185 | -0.26 | -2.76 | 1.80E-02 | 4.69E-02 |
| FKBP8 | -0.06 | -2.76 | 1.81E-02 | 4.70E-02 |
| UBN1 | 0.04 | 2.76 | 1.81E-02 | 4.71E-02 |
| SLC39A9 | -0.05 | -2.76 | 1.81E-02 | 4.71E-02 |
| DCAF10 | -0.07 | -2.76 | 1.81E-02 | 4.71E-02 |
| ADAR | 0.04 | 2.76 | 1.81E-02 | 4.71E-02 |
| TRGC2 | -0.60 | -2.76 | 1.81E-02 | 4.71E-02 |
| SHOC2 | -0.06 | -2.76 | 1.81E-02 | 4.72E-02 |
| COL5A2 | 0.06 | 2.76 | 1.81E-02 | 4.72E-02 |
| NOCT | 0.09 | 2.76 | 1.81E-02 | 4.72E-02 |
| CHKA | -0.23 | -2.76 | 1.82E-02 | 4.73E-02 |
| C2CD6 | -0.49 | -2.76 | 1.82E-02 | 4.73E-02 |
| ITFG2 | -0.11 | -2.75 | 1.82E-02 | 4.73E-02 |
| ETS1 | 0.09 | 2.75 | 1.82E-02 | 4.74E-02 |
| PPP3CB | -0.10 | -2.75 | 1.82E-02 | 4.74E-02 |
| ago-03 | -0.05 | -2.75 | 1.82E-02 | 4.74E-02 |
| WDR5 | 0.06 | 2.75 | 1.83E-02 | 4.74E-02 |
| AC270289.2 | 0.25 | 2.75 | 1.83E-02 | 4.74E-02 |
| ZSCAN16 | -0.19 | -2.75 | 1.83E-02 | 4.75E-02 |
| FBXO38 | -0.06 | -2.75 | 1.83E-02 | 4.75E-02 |
| PIP5K1C | 0.06 | 2.75 | 1.83E-02 | 4.75E-02 |
| SNX1 | -0.04 | -2.75 | 1.83E-02 | 4.76E-02 |
| PCSK5 | -0.05 | -2.75 | 1.83E-02 | 4.76E-02 |
| RPL34 | -0.04 | -2.75 | 1.84E-02 | 4.76E-02 |
| C1orf35 | 0.19 | 2.75 | 1.84E-02 | 4.76E-02 |
| MRPS31 | -0.08 | -2.75 | 1.84E-02 | 4.76E-02 |
| RPL30 | 0.04 | 2.75 | 1.84E-02 | 4.76E-02 |
| ZNF395 | -0.12 | -2.75 | 1.84E-02 | 4.78E-02 |
| ZNF431 | -0.14 | -2.75 | 1.85E-02 | 4.78E-02 |
| ATP6V0D1 | 0.07 | 2.75 | 1.85E-02 | 4.78E-02 |
| S100A13 | 0.10 | 2.75 | 1.85E-02 | 4.78E-02 |
| MAP4K2 | 0.08 | 2.75 | 1.85E-02 | 4.79E-02 |
| PDS5A | -0.04 | -2.75 | 1.85E-02 | 4.79E-02 |
| DOT1L | -0.07 | -2.74 | 1.85E-02 | 4.79E-02 |
| RIT1 | 0.05 | 2.74 | 1.85E-02 | 4.80E-02 |
| ABCD1 | 0.20 | 2.74 | 1.86E-02 | 4.80E-02 |
| BIRC2 | -0.06 | -2.74 | 1.86E-02 | 4.82E-02 |
| SNPH | 0.51 | 2.74 | 1.86E-02 | 4.82E-02 |
| KAT6A | 0.04 | 2.74 | 1.87E-02 | 4.82E-02 |
| MT1E | -0.48 | -2.74 | 1.87E-02 | 4.83E-02 |
| ERMAP | -0.11 | -2.74 | 1.87E-02 | 4.83E-02 |
| VIPAS39 | -0.11 | -2.74 | 1.87E-02 | 4.84E-02 |
| LTBP4 | 0.08 | 2.74 | 1.88E-02 | 4.84E-02 |
| PTER | -0.19 | -2.74 | 1.88E-02 | 4.85E-02 |
| UBAP1 | -0.05 | -2.74 | 1.88E-02 | 4.85E-02 |
| GXYLT1 | -0.08 | -2.74 | 1.88E-02 | 4.86E-02 |
| IER3 | -0.08 | -2.74 | 1.88E-02 | 4.86E-02 |
| KLHL3 | -0.19 | -2.74 | 1.88E-02 | 4.86E-02 |
| UGT8 | 0.47 | 2.74 | 1.88E-02 | 4.86E-02 |
| PEA15 | 0.10 | 2.74 | 1.89E-02 | 4.86E-02 |
| XPC | -0.05 | -2.74 | 1.89E-02 | 4.86E-02 |
| ST6GAL2 | -1.07 | -2.73 | 1.89E-02 | 4.87E-02 |
| NUCKS1 | 0.08 | 2.73 | 1.89E-02 | 4.87E-02 |
| METAP1D | -0.25 | -2.73 | 1.89E-02 | 4.87E-02 |
| SEMA3B | 0.21 | 2.73 | 1.89E-02 | 4.88E-02 |
| SHF | -0.13 | -2.73 | 1.90E-02 | 4.88E-02 |
| ERGIC1 | 0.07 | 2.73 | 1.90E-02 | 4.89E-02 |
| APOL6 | 0.07 | 2.73 | 1.90E-02 | 4.89E-02 |
| KDM2A | -0.04 | -2.73 | 1.90E-02 | 4.90E-02 |
| ERVFRD-1 | -0.29 | -2.73 | 1.90E-02 | 4.90E-02 |
| SLC38A9 | -0.08 | -2.73 | 1.90E-02 | 4.90E-02 |
| MTERF4 | -0.08 | -2.73 | 1.90E-02 | 4.90E-02 |
| CENPK | -0.24 | -2.73 | 1.91E-02 | 4.90E-02 |
| TAS2R4 | -0.30 | -2.73 | 1.91E-02 | 4.90E-02 |
| NSMCE4A | -0.11 | -2.73 | 1.91E-02 | 4.90E-02 |
| IGFBP5 | 0.06 | 2.73 | 1.91E-02 | 4.91E-02 |
| ADAM15 | 0.07 | 2.73 | 1.91E-02 | 4.91E-02 |
| NDUFAF2 | 0.22 | 2.73 | 1.91E-02 | 4.91E-02 |
| FKBP10 | 0.11 | 2.73 | 1.91E-02 | 4.91E-02 |
| ZCCHC24 | 0.27 | 2.73 | 1.91E-02 | 4.91E-02 |
| DYRK3 | 0.29 | 2.73 | 1.91E-02 | 4.91E-02 |
| SLC39A7 | 0.06 | 2.73 | 1.92E-02 | 4.92E-02 |
| CCNI | -0.03 | -2.73 | 1.92E-02 | 4.92E-02 |
| TFEB | 0.12 | 2.73 | 1.92E-02 | 4.92E-02 |
| NPIPB2 | -0.19 | -2.73 | 1.92E-02 | 4.92E-02 |
| PIK3C2A | -0.06 | -2.73 | 1.92E-02 | 4.93E-02 |
| NPTXR | 0.59 | 2.73 | 1.92E-02 | 4.93E-02 |
| KNOP1 | 0.07 | 2.73 | 1.92E-02 | 4.93E-02 |
| CERK | 0.04 | 2.72 | 1.92E-02 | 4.93E-02 |
| COX15 | -0.12 | -2.72 | 1.92E-02 | 4.93E-02 |
| SLC25A6 | 0.06 | 2.72 | 1.92E-02 | 4.93E-02 |
| PXK | -0.11 | -2.72 | 1.92E-02 | 4.93E-02 |
| SUSD4 | -0.07 | -2.72 | 1.93E-02 | 4.95E-02 |
| PDCD6 | 0.05 | 2.72 | 1.93E-02 | 4.96E-02 |
| MED8 | 0.08 | 2.72 | 1.94E-02 | 4.96E-02 |
| LSM1 | 0.11 | 2.72 | 1.94E-02 | 4.96E-02 |
| TEX101 | -0.31 | -2.72 | 1.94E-02 | 4.97E-02 |
| GBP3 | -0.06 | -2.72 | 1.94E-02 | 4.97E-02 |
| CYHR1 | 0.08 | 2.72 | 1.94E-02 | 4.97E-02 |
| CCAR1 | -0.06 | -2.72 | 1.94E-02 | 4.97E-02 |
| SAAL1 | -0.10 | -2.72 | 1.94E-02 | 4.98E-02 |
| TBCCD1 | -0.09 | -2.72 | 1.95E-02 | 4.98E-02 |
| MRPL58 | 0.12 | 2.72 | 1.95E-02 | 4.98E-02 |
| ZNF324 | -0.11 | -2.72 | 1.95E-02 | 4.98E-02 |
| MTMR3 | -0.04 | -2.72 | 1.95E-02 | 4.99E-02 |
| SMIM5 | -0.68 | -2.72 | 1.95E-02 | 4.99E-02 |
| **C vs N (GSE20116)** | | | | |
| **Genes** | **fold change** | **statistic** | **p value** | **FDR** |
| CLEC3B | -6.24 | -68.38 | 5.55E-09 | 6.54E-05 |
| LIF | 5.07 | 31.06 | 3.53E-07 | 2.08E-03 |
| C12orf75 | 5.56 | 24.71 | 1.17E-06 | 3.45E-03 |
| TMPRSS2 | -6.02 | -24.99 | 1.11E-06 | 3.45E-03 |
| RTN4RL2 | -4.84 | -20.00 | 3.54E-06 | 8.34E-03 |
| CDHR2 | 5.03 | 16.94 | 8.40E-06 | 1.65E-02 |
| FAM89A | 5.02 | 15.06 | 1.55E-05 | 2.60E-02 |
| SELENBP1 | -1.18 | -14.67 | 1.77E-05 | 2.60E-02 |