Supplementary Table 2: Association with adipogenic stages in turquoise model.

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| moduleGenes | MM | MMP | GS | GSP |
| 1 CCNE2 | 0.979202 | 7.75E-26 | -0.89773 | 5.14E-14 |
| 2 RYBP | 0.975882 | 1.01E-24 | -0.8779 | 9.70E-13 |
| 3 ANKRD50 | 0.975679 | 1.17E-24 | -0.89976 | 3.68E-14 |
| 4 SVEP1 | 0.973535 | 5.03E-24 | -0.94882 | 4.25E-19 |
| 5 ARL5B | 0.972629 | 9.00E-24 | -0.92551 | 2.51E-16 |
| 6 BNC2 | 0.97036 | 3.56E-23 | -0.87367 | 1.70E-12 |
| 7 H2AFZ | 0.969513 | 5.79E-23 | -0.90766 | 9.31E-15 |
| 8 FBL | 0.967747 | 1.53E-22 | -0.87165 | 2.21E-12 |
| 9 RING1 | 0.966451 | 3.02E-22 | -0.89692 | 5.85E-14 |
| 10 SMAD6 | 0.96626 | 3.33E-22 | -0.85592 | 1.46E-11 |
| 11 SNRK | 0.965816 | 4.17E-22 | -0.90948 | 6.68E-15 |
| 12 PIK3R2 | 0.965339 | 5.29E-22 | -0.87218 | 2.06E-12 |
| 13 C19ORF48 | 0.96531 | 5.37E-22 | -0.90349 | 1.95E-14 |
| 14 VPS37D | 0.963951 | 1.04E-21 | -0.89743 | 5.40E-14 |
| 15 TOX | 0.962965 | 1.66E-21 | -0.87389 | 1.65E-12 |
| 16 POLR1E | 0.962765 | 1.82E-21 | -0.90509 | 1.47E-14 |
| 17 NASP | 0.962724 | 1.85E-21 | -0.93207 | 5.27E-17 |
| 18 FBXL10 | 0.962206 | 2.35E-21 | -0.88506 | 3.58E-13 |
| 19 CDC2 | 0.961923 | 2.67E-21 | -0.95407 | 6.68E-20 |
| 20 KIF15 | 0.961262 | 3.59E-21 | -0.94451 | 1.69E-18 |
| 21 NCOA1 | 0.960507 | 5.00E-21 | -0.82968 | 2.20E-10 |
| 22 SMC4 | 0.959468 | 7.81E-21 | -0.92813 | 1.37E-16 |
| 23 EFNB3 | 0.958763 | 1.05E-20 | -0.87058 | 2.53E-12 |
| 24 NUSAP1 | 0.958252 | 1.30E-20 | -0.94784 | 5.89E-19 |
| 25 ZFHX4 | 0.95806 | 1.40E-20 | -0.89891 | 4.23E-14 |
| 26 RCC2 | 0.958001 | 1.44E-20 | -0.78871 | 6.73E-09 |
| 27 CDT1 | 0.95776 | 1.59E-20 | -0.96458 | 7.67E-22 |
| 28 SUMO2 | 0.95761 | 1.69E-20 | -0.89364 | 9.87E-14 |
| 29 TRMT5 | 0.956987 | 2.17E-20 | -0.84383 | 5.42E-11 |
| 30 PRRX1 | 0.956614 | 2.51E-20 | -0.94183 | 3.78E-18 |
| 31 FLJ25476 | 0.956299 | 2.84E-20 | -0.8261 | 3.06E-10 |
| 32 FLJ40629 | 0.95589 | 3.34E-20 | -0.97343 | 5.39E-24 |
| 33 ID1 | 0.955641 | 3.67E-20 | -0.89674 | 6.03E-14 |
| 34 COL5A1 | 0.955063 | 4.59E-20 | -0.87733 | 1.05E-12 |
| 35 HMGB2 | 0.954507 | 5.66E-20 | -0.91237 | 3.87E-15 |
| 36 CCNF | 0.95409 | 6.62E-20 | -0.90518 | 1.45E-14 |
| 37 MND1 | 0.951939 | 1.45E-19 | -0.95023 | 2.64E-19 |
| 38 CXXC1 | 0.951149 | 1.92E-19 | -0.81536 | 7.99E-10 |
| 39 C8ORF72 | 0.95094 | 2.06E-19 | -0.89294 | 1.10E-13 |
| 40 CDC20 | 0.950927 | 2.07E-19 | -0.97847 | 1.41E-25 |
| 41 PUM1 | 0.950667 | 2.27E-19 | -0.9252 | 2.70E-16 |
| 42 PPM1D | 0.950621 | 2.30E-19 | -0.79554 | 4.01E-09 |
| 43 NRP1 | 0.950598 | 2.32E-19 | -0.94817 | 5.27E-19 |
| 44 RBMX | 0.950306 | 2.57E-19 | -0.94153 | 4.13E-18 |
| 45 CCNA2 | 0.950303 | 2.57E-19 | -0.94571 | 1.16E-18 |
| 46 BRD2 | 0.949401 | 3.50E-19 | -0.95542 | 4.00E-20 |
| 47 SIX5 | 0.949235 | 3.70E-19 | -0.96088 | 4.25E-21 |
| 48 DDX48 | 0.948986 | 4.02E-19 | -0.93962 | 7.13E-18 |

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| 49 RCOR2 | 0.94771 | 6.14E-19 | -0.77752 | 1.51E-08 |
| 50 CASP2 | 0.947508 | 6.55E-19 | -0.85526 | 1.58E-11 |
| 51 C20ORF129 | 0.947502 | 6.56E-19 | -0.93842 | 9.95E-18 |
| 52 TMEM97 | 0.947236 | 7.16E-19 | -0.85014 | 2.78E-11 |
| 53 BIRC5 | 0.947065 | 7.56E-19 | -0.949 | 4.01E-19 |
| 54 NEK2 | 0.946796 | 8.25E-19 | -0.94286 | 2.79E-18 |
| 55 C21ORF66 | 0.946713 | 8.47E-19 | -0.83912 | 8.76E-11 |
| 56 MCM7 | 0.946237 | 9.86E-19 | -0.96043 | 5.16E-21 |
| 57 COL18A1 | 0.945884 | 1.10E-18 | -0.86324 | 6.25E-12 |
| 58 ABHD8 | 0.945783 | 1.14E-18 | -0.81554 | 7.86E-10 |
| 59 NR4A2 | 0.945417 | 1.28E-18 | -0.97048 | 3.31E-23 |
| 60 VGLL4 | 0.944954 | 1.47E-18 | -0.92885 | 1.16E-16 |
| 61 ANKRD10 | 0.944259 | 1.83E-18 | -0.87534 | 1.36E-12 |
| 62 E2F2 | 0.944136 | 1.90E-18 | -0.90642 | 1.16E-14 |
| 63 AUTS2 | 0.94413 | 1.90E-18 | -0.92036 | 7.76E-16 |
| 64 C22ORF18 | 0.944112 | 1.91E-18 | -0.94502 | 1.44E-18 |
| 65 HCAP-G | 0.942989 | 2.68E-18 | -0.95241 | 1.23E-19 |
| 66 SMARCA4 | 0.942866 | 2.78E-18 | -0.925 | 2.81E-16 |
| 67 CENPF | 0.942799 | 2.84E-18 | -0.94172 | 3.90E-18 |
| 68 TNFRSF19 | 0.942376 | 3.22E-18 | -0.8917 | 1.33E-13 |
| 69 ASF1B | 0.94198 | 3.62E-18 | -0.88428 | 4.00E-13 |
| 70 CENPM | 0.941568 | 4.08E-18 | -0.92349 | 3.94E-16 |
| 71 KIF11 | 0.941084 | 4.69E-18 | -0.93504 | 2.47E-17 |
| 72 HMMR | 0.941083 | 4.70E-18 | -0.93996 | 6.48E-18 |
| 73 CBX2 | 0.940802 | 5.09E-18 | -0.77267 | 2.11E-08 |
| 74 HMGN1 | 0.94052 | 5.52E-18 | -0.77987 | 1.28E-08 |
| 75 SLC30A1 | 0.940378 | 5.75E-18 | -0.88783 | 2.38E-13 |
| 76 TAF4 | 0.940158 | 6.12E-18 | -0.79547 | 4.04E-09 |
| 77 ASPM | 0.939883 | 6.62E-18 | -0.95986 | 6.60E-21 |
| 78 CD248 | 0.939811 | 6.75E-18 | -0.85413 | 1.79E-11 |
| 79 ID3 | 0.939139 | 8.16E-18 | -0.98093 | 1.73E-26 |
| 80 IL11RA | 0.939101 | 8.25E-18 | -0.85147 | 2.40E-11 |
| 81 CRISPLD2 | 0.938207 | 1.06E-17 | -0.89734 | 5.47E-14 |
| 82 TAF1C | 0.938172 | 1.07E-17 | -0.91928 | 9.73E-16 |
| 83 TRRAP | 0.937337 | 1.34E-17 | -0.91354 | 3.09E-15 |
| 84 BUB1 | 0.935024 | 2.48E-17 | -0.95969 | 7.12E-21 |
| 85 WDR22 | 0.933964 | 3.26E-17 | -0.86394 | 5.74E-12 |
| 86 HMGB3 | 0.933943 | 3.28E-17 | -0.93241 | 4.85E-17 |
| 87 BTBD11 | 0.933764 | 3.44E-17 | -0.92061 | 7.36E-16 |
| 88 TTK | 0.932507 | 4.73E-17 | -0.93116 | 6.61E-17 |
| 89 MPHOSPH1 | 0.932321 | 4.95E-17 | -0.94229 | 3.30E-18 |
| 90 ULK1 | 0.93204 | 5.31E-17 | -0.81234 | 1.03E-09 |
| 91 ZNF508 | 0.931924 | 5.47E-17 | -0.95367 | 7.73E-20 |
| 92 AZI1 | 0.931907 | 5.49E-17 | -0.95782 | 1.55E-20 |
| 93 DDOST | 0.931379 | 6.26E-17 | -0.91105 | 4.98E-15 |
| 94 TROAP | 0.931035 | 6.81E-17 | -0.95383 | 7.29E-20 |
| 95 TYMS | 0.930926 | 7.00E-17 | -0.95617 | 2.99E-20 |
| 96 TMSL8 | 0.930423 | 7.91E-17 | -0.93378 | 3.42E-17 |
| 97 ZNF10 | 0.930317 | 8.12E-17 | -0.82795 | 2.58E-10 |
| 98 RKHD3 | 0.930308 | 8.14E-17 | -0.95996 | 6.32E-21 |
| 99 ABL1 | 0.929824 | 9.15E-17 | -0.75679 | 5.98E-08 |
| 100 CDC45L | 0.929629 | 9.59E-17 | -0.92948 | 9.94E-17 |
| 101 LDB2 | 0.929558 | 9.75E-17 | -0.94363 | 2.21E-18 |
| 102 ANGPTL4 | 0.929437 | 1.00E-16 | -0.98898 | 1.25E-30 |
| 103 EZH2 | 0.928353 | 1.30E-16 | -0.87881 | 8.58E-13 |
| 104 SIPA1L2 | 0.92826 | 1.33E-16 | -0.88677 | 2.79E-13 |
| 105 ZNF608 | 0.928231 | 1.34E-16 | -0.87455 | 1.52E-12 |
| 106 POLQ | 0.928006 | 1.41E-16 | -0.91327 | 3.26E-15 |
| 107 TFAM | 0.927252 | 1.68E-16 | -0.92896 | 1.13E-16 |
| 108 DDX5 | 0.927153 | 1.72E-16 | -0.95308 | 9.61E-20 |
| 109 SLC24A6 | 0.926978 | 1.79E-16 | -0.95022 | 2.65E-19 |
| 110 CIRBP | 0.926946 | 1.81E-16 | -0.82463 | 3.51E-10 |
| 111 PARD6G | 0.926788 | 1.87E-16 | -0.80205 | 2.41E-09 |
| 112 HCFC1 | 0.926634 | 1.94E-16 | -0.94675 | 8.36E-19 |
| 113 FAM64A | 0.9266 | 1.96E-16 | -0.94128 | 4.44E-18 |
| 114 ZNF286 | 0.925849 | 2.32E-16 | -0.80307 | 2.22E-09 |
| 115 RCL1 | 0.925449 | 2.55E-16 | -0.83807 | 9.74E-11 |
| 116 SSBP2 | 0.92506 | 2.78E-16 | -0.8123 | 1.04E-09 |
| 117 RALGDS | 0.925042 | 2.79E-16 | -0.94064 | 5.34E-18 |
| 118 KLHL22 | 0.924967 | 2.84E-16 | -0.82284 | 4.13E-10 |
| 119 REC8L1 | 0.924815 | 2.94E-16 | -0.95767 | 1.64E-20 |
| 120 CTDSP2 | 0.924603 | 3.08E-16 | -0.74307 | 1.39E-07 |
| 121 SUSD2 | 0.923558 | 3.89E-16 | -0.93976 | 6.85E-18 |
| 122 LSM8 | 0.923499 | 3.94E-16 | -0.77297 | 2.06E-08 |
| 123 HNRPUL1 | 0.923351 | 4.07E-16 | -0.89799 | 4.92E-14 |
| 124 ZNF586 | 0.922865 | 4.52E-16 | -0.94199 | 3.61E-18 |
| 125 AURKB | 0.922488 | 4.91E-16 | -0.93651 | 1.67E-17 |
| 126 Septin 4 | 0.922285 | 5.14E-16 | -0.8398 | 8.18E-11 |
| 127 OIP5 | 0.921885 | 5.60E-16 | -0.9559 | 3.32E-20 |
| 128 PBK | 0.921618 | 5.93E-16 | -0.90956 | 6.58E-15 |
| 129 ID2 | 0.921399 | 6.22E-16 | -0.94364 | 2.20E-18 |
| 130 DUT | 0.920926 | 6.88E-16 | -0.82724 | 2.76E-10 |
| 131 WDR51A | 0.920504 | 7.52E-16 | -0.94867 | 4.47E-19 |
| 132 KIAA1434 | 0.920118 | 8.17E-16 | -0.81963 | 5.50E-10 |
| 133 PFS2 | 0.920083 | 8.23E-16 | -0.93306 | 4.11E-17 |
| 134 LRIG3 | 0.919884 | 8.58E-16 | -0.79054 | 5.87E-09 |
| 135 TRIM33 | 0.919652 | 9.01E-16 | -0.81062 | 1.20E-09 |
| 136 CBLB | 0.919599 | 9.11E-16 | -0.74188 | 1.49E-07 |
| 137 HDAC1 | 0.919537 | 9.23E-16 | -0.94044 | 5.65E-18 |
| 138 CCDC45 | 0.919335 | 9.62E-16 | -0.91284 | 3.54E-15 |
| 139 GUSB | 0.91929 | 9.71E-16 | -0.93328 | 3.88E-17 |
| 140 GMNN | 0.918983 | 1.04E-15 | -0.91389 | 2.89E-15 |
| 141 PBX3 | 0.918852 | 1.06E-15 | -0.87323 | 1.80E-12 |
| 142 SLIT2 | 0.91863 | 1.11E-15 | -0.73936 | 1.72E-07 |
| 143 CPT1C | 0.918117 | 1.24E-15 | -0.90906 | 7.21E-15 |
| 144 CDC2L6 | 0.918076 | 1.25E-15 | -0.78063 | 1.21E-08 |
| 145 DNMT1 | 0.917813 | 1.32E-15 | -0.89976 | 3.68E-14 |
| 146 ARID1A | 0.917427 | 1.43E-15 | -0.94762 | 6.31E-19 |
| 147 NOTCH1 | 0.91737 | 1.44E-15 | -0.77908 | 1.35E-08 |
| 148 C5 | 0.917039 | 1.54E-15 | -0.78868 | 6.74E-09 |
| 149 HDHD1A | 0.916977 | 1.56E-15 | -0.81798 | 6.36E-10 |
| 150 RBM10 | 0.916817 | 1.61E-15 | -0.91147 | 4.60E-15 |
| 151 HIRIP3 | 0.916779 | 1.63E-15 | -0.83924 | 8.66E-11 |
| 152 TOP3A | 0.916483 | 1.73E-15 | -0.88002 | 7.26E-13 |
| 153 SLC12A9 | 0.916221 | 1.82E-15 | -0.92944 | 1.00E-16 |
| 154 ZNF254 | 0.915732 | 2.01E-15 | -0.89203 | 1.27E-13 |
| 155 TMEM98 | 0.915617 | 2.05E-15 | -0.82828 | 2.50E-10 |
| 156 PPP1CC | 0.915599 | 2.06E-15 | -0.78009 | 1.26E-08 |
| 157 FSTL5 | 0.915133 | 2.26E-15 | -0.84481 | 4.89E-11 |
| 158 FLJ12505 | 0.914661 | 2.48E-15 | -0.83305 | 1.59E-10 |
| 159 DLX1 | 0.914543 | 2.54E-15 | -0.86331 | 6.20E-12 |
| 160 CENPA | 0.914512 | 2.56E-15 | -0.92728 | 1.67E-16 |
| 161 FBXO21 | 0.914398 | 2.61E-15 | -0.80783 | 1.51E-09 |
| 162 TMEM50B | 0.914296 | 2.67E-15 | -0.95029 | 2.58E-19 |
| 163 CCNB2 | 0.91426 | 2.69E-15 | -0.96477 | 7.01E-22 |
| 164 TOP2A | 0.913656 | 3.02E-15 | -0.91419 | 2.72E-15 |
| 165 RAD51AP1 | 0.911852 | 4.28E-15 | -0.92721 | 1.70E-16 |
| 166 CNAP1 | 0.911261 | 4.78E-15 | -0.90548 | 1.38E-14 |
| 167 LOC139886 | 0.911208 | 4.83E-15 | -0.87122 | 2.33E-12 |
| 168 SULF2 | 0.91081 | 5.21E-15 | -0.71995 | 5.10E-07 |
| 169 SFRS10 | 0.910344 | 5.69E-15 | -0.81299 | 9.78E-10 |
| 170 ZNF256 | 0.910106 | 5.94E-15 | -0.83587 | 1.21E-10 |
| 171 HMGB1 | 0.909966 | 6.10E-15 | -0.89324 | 1.05E-13 |
| 172 SUZ12 | 0.909789 | 6.31E-15 | -0.77585 | 1.69E-08 |
| 173 CHSY1 | 0.909729 | 6.38E-15 | -0.80119 | 2.58E-09 |
| 174 KIF20A | 0.909058 | 7.22E-15 | -0.9078 | 9.09E-15 |
| 175 PRIM1 | 0.908561 | 7.91E-15 | -0.94842 | 4.86E-19 |
| 176 SIAH1 | 0.908295 | 8.30E-15 | -0.89041 | 1.62E-13 |
| 177 APOBEC3B | 0.907982 | 8.79E-15 | -0.96865 | 9.37E-23 |
| 178 CDCA3 | 0.90717 | 1.02E-14 | -0.92816 | 1.36E-16 |
| 179 SMARCAD1 | 0.906725 | 1.10E-14 | -0.83086 | 1.96E-10 |
| 180 C13ORF23 | 0.906723 | 1.10E-14 | -0.87185 | 2.15E-12 |
| 181 NETO2 | 0.906688 | 1.11E-14 | -0.77758 | 1.50E-08 |
| 182 MAB21L2 | 0.906605 | 1.13E-14 | -0.76749 | 2.99E-08 |
| 183 CCDC56 | 0.905562 | 1.36E-14 | -0.83988 | 8.12E-11 |
| 184 RRM2 | 0.905402 | 1.40E-14 | -0.87945 | 7.86E-13 |
| 185 PCNA | 0.904411 | 1.66E-14 | -0.7747 | 1.83E-08 |
| 186 MXD4 | 0.903237 | 2.04E-14 | -0.68314 | 3.18E-06 |
| 187 SMOX | 0.903197 | 2.05E-14 | -0.87762 | 1.01E-12 |
| 188 COL12A1 | 0.903129 | 2.08E-14 | -0.80093 | 2.63E-09 |
| 189 LOC55565 | 0.902754 | 2.22E-14 | -0.87974 | 7.55E-13 |
| 190 TGFBR3 | 0.902736 | 2.22E-14 | -0.8201 | 5.27E-10 |
| 191 CDC42EP4 | 0.902712 | 2.23E-14 | -0.79069 | 5.80E-09 |
| 192 ZNF695 | 0.901692 | 2.66E-14 | -0.86503 | 5.04E-12 |
| 193 KIAA0644 | 0.901678 | 2.66E-14 | -0.75024 | 8.99E-08 |
| 194 MGC13170 | 0.901458 | 2.76E-14 | -0.81622 | 7.41E-10 |
| 195 GLTSCR1 | 0.901299 | 2.84E-14 | -0.91451 | 2.56E-15 |
| 196 JMJD1B | 0.901096 | 2.94E-14 | -0.8436 | 5.55E-11 |
| 197 ARHGEF7 | 0.901041 | 2.97E-14 | -0.95272 | 1.10E-19 |
| 198 COX10 | 0.900627 | 3.18E-14 | -0.82141 | 4.69E-10 |
| 199 AMD1 | 0.900588 | 3.20E-14 | -0.76135 | 4.47E-08 |
| 200 TRIM5 | 0.900277 | 3.37E-14 | -0.81764 | 6.55E-10 |
| 201 ZCCHC14 | 0.900228 | 3.40E-14 | -0.87339 | 1.76E-12 |
| 202 RPS9 | 0.900168 | 3.43E-14 | -0.76898 | 2.70E-08 |
| 203 ZNF537 | 0.899675 | 3.73E-14 | -0.85121 | 2.47E-11 |
| 204 NR1H3 | 0.899306 | 3.96E-14 | -0.71404 | 6.97E-07 |
| 205 PIGC | 0.899246 | 4.00E-14 | -0.8359 | 1.21E-10 |
| 206 SIRT1 | 0.898896 | 4.24E-14 | -0.90852 | 7.97E-15 |
| 207 CDCA5 | 0.898736 | 4.36E-14 | -0.95627 | 2.87E-20 |
| 208 QARS | 0.898727 | 4.36E-14 | -0.81828 | 6.19E-10 |
| 209 RNF150 | 0.898623 | 4.44E-14 | -0.67791 | 4.03E-06 |
| 210 GLTSCR2 | 0.898586 | 4.46E-14 | -0.77297 | 2.06E-08 |
| 211 ZNF689 | 0.898532 | 4.50E-14 | -0.71171 | 7.86E-07 |
| 212 LOC91461 | 0.898398 | 4.60E-14 | -0.96325 | 1.45E-21 |
| 213 MMD | 0.898373 | 4.62E-14 | -0.78068 | 1.21E-08 |
| 214 EVL | 0.898322 | 4.66E-14 | -0.8068 | 1.64E-09 |
| 215 MEIS2 | 0.89814 | 4.80E-14 | -0.71585 | 6.34E-07 |
| 216 USP6NL | 0.898061 | 4.87E-14 | -0.91172 | 4.39E-15 |
| 217 DDEFL1 | 0.897929 | 4.97E-14 | -0.86669 | 4.11E-12 |
| 218 COL3A1 | 0.89743 | 5.39E-14 | -0.8345 | 1.38E-10 |
| 219 EXO1 | 0.897429 | 5.39E-14 | -0.85912 | 1.01E-11 |
| 220 PCOLCE | 0.897158 | 5.64E-14 | -0.80992 | 1.27E-09 |
| 221 PIAS4 | 0.896568 | 6.20E-14 | -0.81154 | 1.11E-09 |
| 222 CAPN5 | 0.896553 | 6.21E-14 | -0.72742 | 3.39E-07 |
| 223 EXOSC2 | 0.895949 | 6.85E-14 | -0.80399 | 2.06E-09 |
| 224 SPHK2 | 0.8959 | 6.90E-14 | -0.86564 | 4.67E-12 |
| 225 NUP62 | 0.895869 | 6.93E-14 | -0.93954 | 7.28E-18 |
| 226 POLE3 | 0.895723 | 7.10E-14 | -0.86738 | 3.78E-12 |
| 227 ZNF161 | 0.895678 | 7.15E-14 | -0.9519 | 1.47E-19 |
| 228 LRRCC1 | 0.895638 | 7.20E-14 | -0.9158 | 1.98E-15 |
| 229 SESTD1 | 0.895614 | 7.22E-14 | -0.93641 | 1.72E-17 |
| 230 CEP55 | 0.895336 | 7.55E-14 | -0.95545 | 3.95E-20 |
| 231 BCL2L12 | 0.895333 | 7.55E-14 | -0.88752 | 2.50E-13 |
| 232 CDCA7 | 0.895036 | 7.92E-14 | -0.86285 | 6.55E-12 |
| 233 UBE2C | 0.894821 | 8.19E-14 | -0.93546 | 2.21E-17 |
| 234 KIFC1 | 0.894736 | 8.30E-14 | -0.92411 | 3.44E-16 |
| 235 KIAA0182 | 0.893977 | 9.36E-14 | -0.90287 | 2.17E-14 |
| 236 SF3B3 | 0.893281 | 1.04E-13 | -0.78824 | 6.96E-09 |
| 237 BCL9 | 0.892527 | 1.17E-13 | -0.8835 | 4.47E-13 |
| 238 PAXIP1 | 0.892329 | 1.21E-13 | -0.7584 | 5.40E-08 |
| 239 PLEKHH3 | 0.892314 | 1.21E-13 | -0.94649 | 9.10E-19 |
| 240 RUSC1 | 0.892192 | 1.23E-13 | -0.92832 | 1.31E-16 |
| 241 EDG2 | 0.892158 | 1.24E-13 | -0.93794 | 1.14E-17 |
| 242 HNRPM | 0.89184 | 1.30E-13 | -0.9467 | 8.51E-19 |
| 243 SPC24 | 0.891641 | 1.34E-13 | -0.94191 | 3.69E-18 |
| 244 SDC1 | 0.890762 | 1.54E-13 | -0.94065 | 5.32E-18 |
| 245 C6ORF47 | 0.890714 | 1.55E-13 | -0.78044 | 1.23E-08 |
| 246 MGC3121 | 0.890573 | 1.58E-13 | -0.90482 | 1.55E-14 |
| 247 NOLC1 | 0.890103 | 1.70E-13 | -0.89821 | 4.75E-14 |
| 248 FGFR3 | 0.889906 | 1.75E-13 | -0.78265 | 1.05E-08 |
| 249 EVI1 | 0.88925 | 1.93E-13 | -0.66784 | 6.31E-06 |
| 250 RPL18 | 0.888623 | 2.12E-13 | -0.92797 | 1.42E-16 |
| 251 FLJ13909 | 0.887602 | 2.47E-13 | -0.90128 | 2.85E-14 |
| 252 KHSRP | 0.887311 | 2.58E-13 | -0.84191 | 6.60E-11 |
| 253 RCD-8 | 0.886869 | 2.75E-13 | -0.91313 | 3.35E-15 |
| 254 BARD1 | 0.886243 | 3.01E-13 | -0.8874 | 2.54E-13 |
| 255 GAS2L3 | 0.886052 | 3.10E-13 | -0.8882 | 2.26E-13 |
| 256 VARSL | 0.88596 | 3.14E-13 | -0.87393 | 1.64E-12 |
| 257 SMARCE1 | 0.885754 | 3.23E-13 | -0.76393 | 3.78E-08 |
| 258 KIAA0376 | 0.885654 | 3.28E-13 | -0.7678 | 2.93E-08 |
| 259 UBE2I | 0.885396 | 3.40E-13 | -0.91284 | 3.54E-15 |
| 260 NXF1 | 0.885315 | 3.44E-13 | -0.97325 | 6.04E-24 |
| 261 SUHW3 | 0.884879 | 3.67E-13 | -0.72824 | 3.24E-07 |
| 262 PAQR8 | 0.88486 | 3.68E-13 | -0.88978 | 1.78E-13 |
| 263 IRX2 | 0.884808 | 3.71E-13 | -0.814 | 8.97E-10 |
| 264 AOF2 | 0.884427 | 3.91E-13 | -0.77997 | 1.27E-08 |
| 265 DTL | 0.8844 | 3.93E-13 | -0.86073 | 8.41E-12 |
| 266 KIAA0922 | 0.884395 | 3.93E-13 | -0.73322 | 2.45E-07 |
| 267 MDK | 0.883724 | 4.33E-13 | -0.91745 | 1.42E-15 |
| 268 PHC2 | 0.883457 | 4.49E-13 | -0.76608 | 3.28E-08 |
| 269 C8ORF70 | 0.883408 | 4.52E-13 | -0.94725 | 7.12E-19 |
| 270 BCLAF1 | 0.883226 | 4.64E-13 | -0.88673 | 2.80E-13 |
| 271 HMGCS1 | 0.883193 | 4.66E-13 | -0.70536 | 1.09E-06 |
| 272 KIAA0683 | 0.882546 | 5.11E-13 | -0.85853 | 1.09E-11 |
| 273 LSM2 | 0.882525 | 5.13E-13 | -0.80765 | 1.53E-09 |
| 274 SMARCD1 | 0.882307 | 5.29E-13 | -0.97782 | 2.37E-25 |
| 275 C14ORF93 | 0.8819 | 5.60E-13 | -0.7512 | 8.48E-08 |
| 276 BCL2 | 0.881717 | 5.74E-13 | -0.816 | 7.55E-10 |
| 277 PKIA | 0.881617 | 5.82E-13 | -0.92555 | 2.49E-16 |
| 278 LRFN3 | 0.88128 | 6.10E-13 | -0.78864 | 6.76E-09 |
| 279 WASL | 0.881277 | 6.10E-13 | -0.76377 | 3.82E-08 |
| 280 MLLT6 | 0.881161 | 6.20E-13 | -0.90806 | 8.67E-15 |
| 281 RPS3 | 0.881112 | 6.25E-13 | -0.70627 | 1.04E-06 |
| 282 FLJ25416 | 0.880216 | 7.07E-13 | -0.85511 | 1.60E-11 |
| 283 PNRC2 | 0.879966 | 7.32E-13 | -0.69729 | 1.62E-06 |
| 284 ZNF618 | 0.879737 | 7.55E-13 | -0.89875 | 4.34E-14 |
| 285 KIF2C | 0.879682 | 7.61E-13 | -0.90705 | 1.04E-14 |
| 286 C6ORF204 | 0.878825 | 8.56E-13 | -0.83539 | 1.27E-10 |
| 287 LOC653170 | 0.878176 | 9.34E-13 | -0.75281 | 7.67E-08 |
| 288 ZNF548 | 0.878002 | 9.57E-13 | -0.92065 | 7.30E-16 |
| 289 ELF2 | 0.877734 | 9.92E-13 | -0.91886 | 1.06E-15 |
| 290 RBM22 | 0.877572 | 1.01E-12 | -0.90956 | 6.58E-15 |
| 291 GZMH | 0.876615 | 1.15E-12 | -0.80847 | 1.43E-09 |
| 292 CCNB1 | 0.87658 | 1.16E-12 | -0.91 | 6.06E-15 |
| 293 PSD3 | 0.876152 | 1.23E-12 | -0.72154 | 4.68E-07 |
| 294 CDCA2 | 0.875397 | 1.36E-12 | -0.9059 | 1.28E-14 |
| 295 FMNL2 | 0.875322 | 1.37E-12 | -0.94458 | 1.66E-18 |
| 296 PDXP | 0.875222 | 1.39E-12 | -0.65745 | 9.83E-06 |
| 297 ZNF263 | 0.875019 | 1.42E-12 | -0.89577 | 7.04E-14 |
| 298 FNDC5 | 0.874908 | 1.45E-12 | -0.91691 | 1.58E-15 |
| 299 KIAA0999 | 0.874873 | 1.45E-12 | -0.7581 | 5.50E-08 |
| 300 LRRC14 | 0.874779 | 1.47E-12 | -0.68876 | 2.44E-06 |
| 301 TIA1 | 0.874735 | 1.48E-12 | -0.95609 | 3.09E-20 |
| 302 SCARB2 | 0.874325 | 1.56E-12 | -0.723 | 4.32E-07 |
| 303 PHACTR4 | 0.874006 | 1.63E-12 | -0.97814 | 1.84E-25 |
| 304 SFRS6 | 0.873835 | 1.66E-12 | -0.91663 | 1.68E-15 |
| 305 BRD1 | 0.873676 | 1.70E-12 | -0.87566 | 1.31E-12 |
| 306 TMEM64 | 0.873662 | 1.70E-12 | -0.64166 | 1.87E-05 |
| 307 C16ORF30 | 0.873564 | 1.72E-12 | -0.92763 | 1.54E-16 |
| 308 KIAA1618 | 0.873294 | 1.78E-12 | -0.91612 | 1.86E-15 |
| 309 FOXM1 | 0.873123 | 1.82E-12 | -0.95583 | 3.41E-20 |
| 310 AMT | 0.872977 | 1.86E-12 | -0.88539 | 3.41E-13 |
| 311 SERPINF1 | 0.872899 | 1.88E-12 | -0.774 | 1.92E-08 |
| 312 KIAA1683 | 0.872777 | 1.91E-12 | -0.74153 | 1.52E-07 |
| 313 C9ORF140 | 0.872692 | 1.93E-12 | -0.91904 | 1.02E-15 |
| 314 CHTF18 | 0.871883 | 2.14E-12 | -0.8987 | 4.38E-14 |
| 315 KIAA1267 | 0.871632 | 2.21E-12 | -0.93357 | 3.61E-17 |
| 316 C9ORF103 | 0.871531 | 2.24E-12 | -0.91906 | 1.02E-15 |
| 317 EIF4B | 0.8715 | 2.25E-12 | -0.77465 | 1.84E-08 |
| 318 RBM4 | 0.870831 | 2.45E-12 | -0.92921 | 1.06E-16 |
| 319 CKS1B | 0.870636 | 2.51E-12 | -0.87275 | 1.92E-12 |
| 320 MCM4 | 0.870287 | 2.62E-12 | -0.93534 | 2.28E-17 |
| 321 KIF18A | 0.87024 | 2.64E-12 | -0.92482 | 2.94E-16 |
| 322 HNRPR | 0.8701 | 2.69E-12 | -0.85072 | 2.61E-11 |
| 323 NIPBL | 0.870048 | 2.71E-12 | -0.84863 | 3.27E-11 |
| 324 SLC7A14 | 0.869891 | 2.76E-12 | -0.90321 | 2.05E-14 |
| 325 DKFZP762E1312 0.869537 | 2.89E-12 | -0.89962 | 3.76E-14 |
| 326 Septin 9 0.869536 | 2.89E-12 | -0.65431 | 1.12E-05 |
| 327 TMEM70 0.868992 | 3.09E-12 | -0.80963 | 1.30E-09 |
| 328 LRP5L 0.868746 | 3.19E-12 | -0.73153 | 2.70E-07 |
| 329 MARCKSL1 0.868544 | 3.27E-12 | -0.88968 | 1.81E-13 |
| 330 ZNF289 0.868515 | 3.28E-12 | -0.76113 | 4.53E-08 |
| 331 ADCY3 0.868428 | 3.32E-12 | -0.76653 | 3.19E-08 |
| 332 KIF14 0.868064 | 3.47E-12 | -0.86304 | 6.40E-12 |
| 333 FANCD2 0.867991 | 3.50E-12 | -0.92092 | 6.89E-16 |
| 334 EFNB2 0.867093 | 3.91E-12 | -0.8298 | 2.17E-10 |
| 335 PHCA 0.866953 | 3.98E-12 | -0.75788 | 5.58E-08 |
| 336 RNF144 0.866866 | 4.02E-12 | -0.75414 | 7.06E-08 |
| 337 NAPRT1 0.866639 | 4.14E-12 | -0.91962 | 9.07E-16 |
| 338 MCM3 0.865992 | 4.48E-12 | -0.83455 | 1.38E-10 |
| 339 AGGF1 0.865792 | 4.59E-12 | -0.70901 | 9.04E-07 |
| 340 CDC25C 0.86498 | 5.07E-12 | -0.83699 | 1.08E-10 |
| 341 BTG2 0.864397 | 5.44E-12 | -0.86646 | 4.23E-12 |
| 342 SIM2 0.864087 | 5.64E-12 | -0.80461 | 1.96E-09 |
| 343 CRKL 0.864022 | 5.69E-12 | -0.71455 | 6.79E-07 |
| 344 C21ORF2 0.863811 | 5.83E-12 | -0.82173 | 4.56E-10 |
| 345 FRZB 0.863485 | 6.07E-12 | -0.62393 | 3.69E-05 |
| 346 HHEX 0.863276 | 6.22E-12 | -0.69486 | 1.83E-06 |
| 347 RASL12 0.863199 | 6.28E-12 | -0.71004 | 8.57E-07 |
| 348 FBLN1 0.86306 | 6.38E-12 | -0.61439 | 5.23E-05 |
| 349 RPL4 | 0.862545 | 6.79E-12 | -0.64482 | 1.65E-05 |
| 350 TK1 | 0.8624 | 6.91E-12 | -0.94621 | 9.95E-19 |
| 351 C1R | 0.862015 | 7.23E-12 | -0.81229 | 1.04E-09 |
| 352 TEAD2 | 0.861585 | 7.61E-12 | -0.93264 | 4.57E-17 |
| 353 SFRS5 | 0.861541 | 7.65E-12 | -0.94328 | 2.46E-18 |
| 354 TNS3 | 0.861536 | 7.65E-12 | -0.89013 | 1.69E-13 |
| 355 C20ORF20 | 0.861316 | 7.85E-12 | -0.90546 | 1.38E-14 |
| 356 PRR11 | 0.86115 | 8.01E-12 | -0.95369 | 7.70E-20 |
| 357 RBM23 | 0.860249 | 8.90E-12 | -0.88566 | 3.28E-13 |
| 358 CDKN3 | 0.860145 | 9.01E-12 | -0.95285 | 1.05E-19 |
| 359 C17ORF85 | 0.859936 | 9.23E-12 | -0.80391 | 2.08E-09 |
| 360 SIN3A | 0.859768 | 9.41E-12 | -0.66193 | 8.13E-06 |
| 361 ZNF317 | 0.859662 | 9.53E-12 | -0.74692 | 1.10E-07 |
| 362 NCAPG2 | 0.85945 | 9.77E-12 | -0.90222 | 2.43E-14 |
| 363 BMP2K | 0.85924 | 1.00E-11 | -0.71174 | 7.86E-07 |
| 364 HNRPA1 | 0.8591 | 1.02E-11 | -0.75088 | 8.64E-08 |
| 365 HADHSC | 0.85873 | 1.06E-11 | -0.70264 | 1.25E-06 |
| 366 CREBBP | 0.858588 | 1.08E-11 | -0.95501 | 4.68E-20 |
| 367 PTTG1IP | 0.85789 | 1.17E-11 | -0.72684 | 3.50E-07 |
| 368 NLGN1 | 0.857542 | 1.22E-11 | -0.77451 | 1.86E-08 |
| 369 TMTC4 | 0.857306 | 1.25E-11 | -0.83687 | 1.10E-10 |
| 370 MYH10 | 0.857036 | 1.29E-11 | -0.84733 | 3.75E-11 |
| 371 FLJ13912 | 0.856895 | 1.31E-11 | -0.80154 | 2.51E-09 |
| 372 ADAR | 0.856854 | 1.32E-11 | -0.7667 | 3.15E-08 |
| 373 TTC10 | 0.856653 | 1.35E-11 | -0.76857 | 2.78E-08 |
| 374 C5ORF5 | 0.856626 | 1.35E-11 | -0.68997 | 2.31E-06 |
| 375 CABLES2 | 0.856303 | 1.40E-11 | -0.90766 | 9.33E-15 |
| 376 TJAP1 | 0.856257 | 1.41E-11 | -0.70387 | 1.17E-06 |
| 377 C1ORF73 | 0.856235 | 1.41E-11 | -0.85735 | 1.24E-11 |
| 378 ATPBD1B | 0.856183 | 1.42E-11 | -0.79186 | 5.31E-09 |
| 379 ZNF518 | 0.85607 | 1.44E-11 | -0.83333 | 1.55E-10 |
| 380 GLRX5 | 0.856046 | 1.44E-11 | -0.73259 | 2.54E-07 |
| 381 CNOT1 | 0.855898 | 1.47E-11 | -0.67978 | 3.71E-06 |
| 382 TIMELESS | 0.855797 | 1.48E-11 | -0.94536 | 1.30E-18 |
| 383 C20ORF11 | 0.855519 | 1.53E-11 | -0.70456 | 1.13E-06 |
| 384 RFC3 | 0.855179 | 1.59E-11 | -0.80241 | 2.34E-09 |
| 385 TPR | 0.855159 | 1.60E-11 | -0.92061 | 7.36E-16 |
| 386 DDX18 | 0.854904 | 1.64E-11 | -0.86413 | 5.62E-12 |
| 387 NDE1 | 0.85445 | 1.73E-11 | -0.67228 | 5.19E-06 |
| 388 MXD3 | 0.854355 | 1.75E-11 | -0.88654 | 2.88E-13 |
| 389 RGL1 | 0.853772 | 1.86E-11 | -0.69405 | 1.90E-06 |
| 390 CABC1 | 0.852947 | 2.04E-11 | -0.81092 | 1.17E-09 |
| 391 IHPK2 | 0.852781 | 2.08E-11 | -0.85059 | 2.64E-11 |
| 392 ATG4B | 0.852333 | 2.18E-11 | -0.78498 | 8.85E-09 |
| 393 CDCA8 | 0.852291 | 2.19E-11 | -0.91607 | 1.88E-15 |
| 394 C14ORF32 | 0.852221 | 2.21E-11 | -0.68042 | 3.60E-06 |
| 395 MCM10 | 0.85211 | 2.24E-11 | -0.83063 | 2.01E-10 |
| 396 COQ2 | 0.851317 | 2.44E-11 | -0.8914 | 1.39E-13 |
| 397 ARHGAP17 | 0.851293 | 2.45E-11 | -0.85213 | 2.24E-11 |
| 398 FZD2 | 0.850998 | 2.53E-11 | -0.75067 | 8.75E-08 |
| 399 PUNC | 0.85059 | 2.64E-11 | -0.65287 | 1.19E-05 |
| 400 ARS2 | 0.850414 | 2.70E-11 | -0.91871 | 1.10E-15 |
| 401 BRPF1 | 0.850176 | 2.77E-11 | -0.96582 | 4.16E-22 |
| 402 MIDN | 0.849954 | 2.83E-11 | -0.96852 | 1.00E-22 |
| 403 RTKN | 0.849612 | 2.94E-11 | -0.66305 | 7.76E-06 |
| 404 FKBP7 | 0.849545 | 2.96E-11 | -0.65768 | 9.73E-06 |
| 405 SIVA | 0.84926 | 3.05E-11 | -0.71988 | 5.12E-07 |
| 406 CDH18 | 0.849248 | 3.06E-11 | -0.9135 | 3.12E-15 |
| 407 PP2447 | 0.849192 | 3.08E-11 | -0.78881 | 6.68E-09 |
| 408 PIM1 | 0.848486 | 3.32E-11 | -0.95366 | 7.78E-20 |
| 409 TFDP1 | 0.848429 | 3.34E-11 | -0.77948 | 1.31E-08 |
| 410 SCARA3 | 0.848424 | 3.34E-11 | -0.93083 | 7.16E-17 |
| 411 GM632 | 0.848086 | 3.46E-11 | -0.74553 | 1.20E-07 |
| 412 C12ORF32 | 0.847967 | 3.51E-11 | -0.83401 | 1.45E-10 |
| 413 LOC201725 | 0.847945 | 3.52E-11 | -0.84098 | 7.26E-11 |
| 414 LOC147808 | 0.847881 | 3.54E-11 | -0.80942 | 1.32E-09 |
| 415 ZNF22 | 0.847844 | 3.55E-11 | -0.85327 | 1.97E-11 |
| 416 DLX2 | 0.847674 | 3.62E-11 | -0.83063 | 2.01E-10 |
| 417 HMGN2 | 0.847618 | 3.64E-11 | -0.68546 | 2.85E-06 |
| 418 BRCA1 | 0.847417 | 3.72E-11 | -0.85187 | 2.30E-11 |
| 419 MATR3 | 0.846986 | 3.89E-11 | -0.66763 | 6.37E-06 |
| 420 RUNX3 | 0.846927 | 3.92E-11 | -0.96862 | 9.51E-23 |
| 421 TFAP2A | 0.846714 | 4.01E-11 | -0.80401 | 2.06E-09 |
| 422 PCBP1 | 0.846104 | 4.27E-11 | -0.81319 | 9.61E-10 |
| 423 EGR3 | 0.845903 | 4.37E-11 | -0.93124 | 6.48E-17 |
| 424 OLFML3 | 0.845861 | 4.38E-11 | -0.74952 | 9.40E-08 |
| 425 AXIIR | 0.845851 | 4.39E-11 | -0.91334 | 3.21E-15 |
| 426 PCDH9 | 0.845827 | 4.40E-11 | -0.89039 | 1.63E-13 |
| 427 RPA1 | 0.845733 | 4.44E-11 | -0.68076 | 3.54E-06 |
| 428 SNAPC4 | 0.845573 | 4.52E-11 | -0.90774 | 9.18E-15 |
| 429 TP53BP2 | 0.845525 | 4.54E-11 | -0.93594 | 1.95E-17 |
| 430 HES1 | 0.8449 | 4.85E-11 | -0.95884 | 1.02E-20 |
| 431 ANKFY1 | 0.844775 | 4.91E-11 | -0.62505 | 3.54E-05 |
| 432 MAFB | 0.843546 | 5.58E-11 | -0.84169 | 6.75E-11 |
| 433 FOXO3A | 0.842967 | 5.93E-11 | -0.61157 | 5.79E-05 |
| 434 KLF9 | 0.842865 | 5.99E-11 | -0.95978 | 6.84E-21 |
| 435 ACAD10 | 0.842768 | 6.05E-11 | -0.68369 | 3.10E-06 |
| 436 SLC35F1 | 0.842679 | 6.10E-11 | -0.68147 | 3.43E-06 |
| 437 GEMIN4 | 0.842669 | 6.11E-11 | -0.66725 | 6.47E-06 |
| 438 OGG1 | 0.842577 | 6.17E-11 | -0.66437 | 7.33E-06 |
| 439 CTSC | 0.842513 | 6.21E-11 | -0.94737 | 6.85E-19 |
| 440 P2RY5 | 0.842107 | 6.47E-11 | -0.71493 | 6.65E-07 |
| 441 MED4 | 0.842051 | 6.51E-11 | -0.73268 | 2.53E-07 |
| 442 C17ORF70 | 0.841668 | 6.77E-11 | -0.80371 | 2.11E-09 |
| 443 PRC1 | 0.841574 | 6.84E-11 | -0.93812 | 1.08E-17 |
| 444 SQLE | 0.841555 | 6.85E-11 | -0.74001 | 1.66E-07 |
| 445 EGR1 | 0.841434 | 6.93E-11 | -0.94985 | 3.00E-19 |
| 446 PBX1 | 0.841201 | 7.10E-11 | -0.63634 | 2.30E-05 |
| 447 MGC39900 | 0.84119 | 7.11E-11 | -0.94512 | 1.40E-18 |
| 448 NIN | 0.841036 | 7.22E-11 | -0.76646 | 3.20E-08 |
| 449 SET | 0.840542 | 7.59E-11 | -0.78841 | 6.88E-09 |
| 450 TCF20 | 0.840352 | 7.74E-11 | -0.86294 | 6.47E-12 |
| 451 SPRY2 | 0.840289 | 7.79E-11 | -0.86402 | 5.69E-12 |
| 452 RFC2 | 0.840183 | 7.87E-11 | -0.77327 | 2.02E-08 |
| 453 ACVR1 | 0.840173 | 7.88E-11 | -0.69752 | 1.60E-06 |
| 454 SEC11L1 | 0.84007 | 7.96E-11 | -0.808 | 1.49E-09 |
| 455 MED6 | 0.840025 | 8.00E-11 | -0.83157 | 1.83E-10 |
| 456 EEF2 | 0.840014 | 8.01E-11 | -0.61726 | 4.71E-05 |
| 457 CHD1 | 0.83992 | 8.08E-11 | -0.72367 | 4.17E-07 |
| 458 COL21A1 | 0.839665 | 8.30E-11 | -0.83872 | 9.12E-11 |
| 459 ECH1 | 0.839415 | 8.51E-11 | -0.93064 | 7.51E-17 |
| 460 ZNF521 | 0.839336 | 8.57E-11 | -0.76529 | 3.46E-08 |
| 461 PRRG1 | 0.839283 | 8.62E-11 | -0.63434 | 2.49E-05 |
| 462 RBM15B | 0.838648 | 9.19E-11 | -0.69682 | 1.66E-06 |
| 463 DLG7 | 0.838361 | 9.45E-11 | -0.892 | 1.27E-13 |
| 464 ABCC5 | 0.837948 | 9.85E-11 | -0.68486 | 2.93E-06 |
| 465 LOC158160 | 0.837571 | 1.02E-10 | -0.76003 | 4.87E-08 |
| 466 KIAA0528 | 0.837016 | 1.08E-10 | -0.6686 | 6.10E-06 |
| 467 MGC15476 | 0.836941 | 1.09E-10 | -0.64405 | 1.70E-05 |
| 468 SLC26A11 | 0.836933 | 1.09E-10 | -0.78869 | 6.74E-09 |
| 469 ANLN | 0.836034 | 1.19E-10 | -0.88862 | 2.12E-13 |
| 470 IFT88 | 0.836017 | 1.19E-10 | -0.67059 | 5.59E-06 |
| 471 LBR | 0.835919 | 1.20E-10 | -0.74353 | 1.35E-07 |
| 472 EEF1D | 0.835681 | 1.23E-10 | -0.74217 | 1.46E-07 |
| 473 MARCKS | 0.835656 | 1.24E-10 | -0.71287 | 7.40E-07 |
| 474 ATF4 | 0.835311 | 1.28E-10 | -0.77668 | 1.60E-08 |
| 475 NULP1 | 0.835177 | 1.29E-10 | -0.6022 | 8.04E-05 |
| 476 C6ORF173 | 0.834668 | 1.36E-10 | -0.91443 | 2.60E-15 |
| 477 DDX46 | 0.834589 | 1.37E-10 | -0.74761 | 1.05E-07 |
| 478 PRKRIR | 0.83456 | 1.38E-10 | -0.62668 | 3.33E-05 |
| 479 PARP1 | 0.834214 | 1.42E-10 | -0.82964 | 2.20E-10 |
| 480 MRPS31 | 0.834135 | 1.43E-10 | -0.74214 | 1.46E-07 |
| 481 NFATC4 | 0.833372 | 1.54E-10 | -0.90045 | 3.28E-14 |
| 482 PTEN | 0.833117 | 1.58E-10 | -0.67049 | 5.62E-06 |
| 483 COQ7 | 0.83285 | 1.62E-10 | -0.78666 | 7.83E-09 |
| 484 ZNF462 | 0.832669 | 1.65E-10 | -0.94525 | 1.34E-18 |
| 485 SSR2 | 0.832362 | 1.70E-10 | -0.74141 | 1.53E-07 |
| 486 CUTL1 | 0.832029 | 1.76E-10 | -0.82212 | 4.40E-10 |
| 487 GRAMD1A | 0.831983 | 1.76E-10 | -0.74769 | 1.05E-07 |
| 488 PSRC1 | 0.831855 | 1.79E-10 | -0.8603 | 8.84E-12 |
| 489 FAM46C | 0.831762 | 1.80E-10 | -0.87949 | 7.81E-13 |
| 490 LAMP2 | 0.831597 | 1.83E-10 | -0.69373 | 1.93E-06 |
| 491 GCN5L2 | 0.831476 | 1.85E-10 | -0.71379 | 7.06E-07 |
| 492 REV3L | 0.831311 | 1.88E-10 | -0.83182 | 1.79E-10 |
| 493 TH1L | 0.830969 | 1.94E-10 | -0.80352 | 2.14E-09 |
| 494 SCML1 | 0.830493 | 2.03E-10 | -0.94195 | 3.65E-18 |
| 495 RNASEH2A | 0.83043 | 2.04E-10 | -0.91798 | 1.27E-15 |
| 496 C18ORF24 | 0.830301 | 2.07E-10 | -0.91227 | 3.95E-15 |
| 497 GTPBP6 | 0.829908 | 2.15E-10 | -0.92527 | 2.65E-16 |
| 498 FEN1 | 0.828958 | 2.35E-10 | -0.8483 | 3.39E-11 |
| 499 RHOBTB3 | 0.828932 | 2.36E-10 | -0.68801 | 2.53E-06 |
| 500 NFYA | 0.828765 | 2.39E-10 | -0.71395 | 7.00E-07 |
| 501 PPM1G | 0.828602 | 2.43E-10 | -0.77792 | 1.47E-08 |
| 502 ZNF350 | 0.828542 | 2.44E-10 | -0.8186 | 6.02E-10 |
| 503 GNG2 | 0.828439 | 2.47E-10 | -0.84791 | 3.53E-11 |
| 504 ARHGEF19 | 0.828437 | 2.47E-10 | -0.82645 | 2.97E-10 |
| 505 TACC1 | 0.828355 | 2.49E-10 | -0.85606 | 1.44E-11 |
| 506 SBK1 | 0.828139 | 2.54E-10 | -0.70592 | 1.06E-06 |
| 507 BCKDHB | 0.827645 | 2.66E-10 | -0.64508 | 1.63E-05 |
| 508 PPWD1 | 0.827418 | 2.71E-10 | -0.63367 | 2.55E-05 |
| 509 KCNK10 | 0.826883 | 2.85E-10 | -0.78242 | 1.06E-08 |
| 510 KIF4A | 0.825555 | 3.22E-10 | -0.88477 | 3.72E-13 |
| 511 THAP11 | 0.82533 | 3.29E-10 | -0.63814 | 2.15E-05 |
| 512 PTBP1 | 0.825098 | 3.36E-10 | -0.89503 | 7.92E-14 |
| 513 FAM53C | 0.82503 | 3.38E-10 | -0.62793 | 3.18E-05 |
| 514 SGOL1 | 0.824854 | 3.44E-10 | -0.90474 | 1.57E-14 |
| 515 CNOT10 | 0.82466 | 3.50E-10 | -0.6157 | 4.99E-05 |
| 516 FKSG14 | 0.824305 | 3.61E-10 | -0.86791 | 3.54E-12 |
| 517 TBC1D2B | 0.823937 | 3.74E-10 | -0.63441 | 2.48E-05 |
| 518 GLI2 | 0.823688 | 3.82E-10 | -0.90209 | 2.48E-14 |
| 519 AXIN2 | 0.823162 | 4.01E-10 | -0.85742 | 1.23E-11 |
| 520 C9ORF102 | 0.822925 | 4.09E-10 | -0.64905 | 1.39E-05 |
| 521 CTRC | 0.822871 | 4.11E-10 | -0.85902 | 1.03E-11 |
| 522 SOX11 | 0.822352 | 4.31E-10 | -0.85325 | 1.97E-11 |
| 523 CPXM | 0.822324 | 4.32E-10 | -0.77981 | 1.28E-08 |
| 524 FEM1A | 0.821904 | 4.49E-10 | -0.75871 | 5.29E-08 |
| 525 GPR154 | 0.821344 | 4.72E-10 | -0.89264 | 1.15E-13 |
| 526 ZIK1 | 0.821159 | 4.80E-10 | -0.76939 | 2.63E-08 |
| 527 TGIF1 | 0.820878 | 4.92E-10 | -0.94335 | 2.40E-18 |
| 528 RFWD3 | 0.820704 | 5.00E-10 | -0.66757 | 6.38E-06 |
| 529 PRKCA | 0.820461 | 5.11E-10 | -0.75532 | 6.56E-08 |
| 530 EDN3 | 0.820345 | 5.16E-10 | -0.81316 | 9.64E-10 |
| 531 MGC4562 | 0.820151 | 5.25E-10 | -0.63475 | 2.45E-05 |
| 532 ITPR2 | 0.819979 | 5.33E-10 | -0.82768 | 2.65E-10 |
| 533 L3MBTL3 | 0.819731 | 5.45E-10 | -0.70871 | 9.18E-07 |
| 534 SMC6L1 | 0.819278 | 5.67E-10 | -0.65951 | 9.01E-06 |
| 535 SEPHS1 | 0.81871 | 5.96E-10 | -0.56513 | 0.000268 |
| 536 SUOX | 0.818408 | 6.12E-10 | -0.56946 | 0.000235 |
| 537 C6ORF84 | 0.818215 | 6.23E-10 | -0.81992 | 5.36E-10 |
| 538 IRF2BP2 | 0.81813 | 6.27E-10 | -0.57478 | 0.000199 |
| 539 C14ORF120 | 0.818 | 6.35E-10 | -0.72736 | 3.41E-07 |
| 540 ZNF559 | 0.817847 | 6.43E-10 | -0.84771 | 3.61E-11 |
| 541 FDFT1 | 0.817493 | 6.63E-10 | -0.68682 | 2.68E-06 |
| 542 RBM14 | 0.817387 | 6.70E-10 | -0.56415 | 0.000276 |
| 543 CEP1 | 0.817169 | 6.83E-10 | -0.84337 | 5.69E-11 |
| 544 LDLR | 0.816802 | 7.05E-10 | -0.58514 | 0.000142 |
| 545 TPX2 | 0.816759 | 7.07E-10 | -0.86704 | 3.94E-12 |
| 546 IXL | 0.816328 | 7.34E-10 | -0.67204 | 5.25E-06 |
| 547 SECISBP2 | 0.816273 | 7.38E-10 | -0.7753 | 1.76E-08 |
| 548 GTSE1 | 0.816222 | 7.41E-10 | -0.84997 | 2.83E-11 |
| 549 WEE1 | 0.816173 | 7.44E-10 | -0.58617 | 0.000138 |
| 550 RFC5 | 0.816111 | 7.48E-10 | -0.70651 | 1.03E-06 |
| 551 C1ORF135 | 0.815989 | 7.56E-10 | -0.80398 | 2.06E-09 |
| 552 PLK4 | 0.815794 | 7.69E-10 | -0.88866 | 2.11E-13 |
| 553 SLC25A10 | 0.81554 | 7.86E-10 | -0.75702 | 5.89E-08 |
| 554 MFAP2 | 0.81536 | 7.98E-10 | -0.67254 | 5.13E-06 |
| 555 MIS12 | 0.815155 | 8.13E-10 | -0.63453 | 2.47E-05 |
| 556 RIF1 | 0.815149 | 8.13E-10 | -0.71787 | 5.70E-07 |
| 557 IFI44L | 0.814491 | 8.61E-10 | -0.78813 | 7.02E-09 |
| 558 ING1 | 0.814314 | 8.74E-10 | -0.96102 | 4.00E-21 |
| 559 USP42 | 0.814229 | 8.80E-10 | -0.62282 | 3.85E-05 |
| 560 FLJ31413 | 0.81411 | 8.89E-10 | -0.73551 | 2.15E-07 |
| 561 FNBP1L | 0.814069 | 8.92E-10 | -0.56085 | 0.000305 |
| 562 RGS10 | 0.813928 | 9.03E-10 | -0.66951 | 5.86E-06 |
| 563 PHF13 | 0.813288 | 9.54E-10 | -0.91221 | 4.00E-15 |
| 564 SFRS7 | 0.813005 | 9.77E-10 | -0.61443 | 5.22E-05 |
| 565 ZNF519 | 0.812488 | 1.02E-09 | -0.8054 | 1.84E-09 |
| 566 GLE1L | 0.812437 | 1.03E-09 | -0.6254 | 3.49E-05 |
| 567 ZNF480 | 0.812368 | 1.03E-09 | -0.77442 | 1.87E-08 |
| 568 APRIN | 0.812283 | 1.04E-09 | -0.58723 | 0.000133 |
| 569 HMG20B | 0.811428 | 1.12E-09 | -0.80699 | 1.62E-09 |
| 570 PHIP | 0.811092 | 1.15E-09 | -0.61603 | 4.93E-05 |
| 571 PLA2G4B | 0.811077 | 1.15E-09 | -0.90381 | 1.85E-14 |
| 572 C1ORF112 | 0.81086 | 1.17E-09 | -0.6669 | 6.57E-06 |
| 573 HSF2 | 0.810837 | 1.17E-09 | -0.72198 | 4.57E-07 |
| 574 SF3A3 | 0.81057 | 1.20E-09 | -0.63788 | 2.17E-05 |
| 575 FUS | 0.810326 | 1.22E-09 | -0.8183 | 6.18E-10 |
| 576 KNTC2 | 0.810133 | 1.24E-09 | -0.85045 | 2.68E-11 |
| 577 C7ORF27 | 0.809953 | 1.26E-09 | -0.7068 | 1.01E-06 |
| 578 STAT2 | 0.80995 | 1.26E-09 | -0.82332 | 3.95E-10 |
| 579 RSBN1L | 0.809656 | 1.30E-09 | -0.76523 | 3.47E-08 |
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| 581 ADAM17 | 0.808485 | 1.43E-09 | -0.8539 | 1.84E-11 |
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| 584 EFNA4 | 0.808088 | 1.48E-09 | -0.61204 | 5.69E-05 |
| 585 EIF4EBP2 | 0.808059 | 1.48E-09 | -0.62936 | 3.01E-05 |
| 586 ZNF721 | 0.808035 | 1.48E-09 | -0.65236 | 1.21E-05 |
| 587 NUCB1 | 0.806717 | 1.65E-09 | -0.74662 | 1.12E-07 |
| 588 JARID1B | 0.806699 | 1.65E-09 | -0.91622 | 1.82E-15 |
| 589 UBQLN4 | 0.80668 | 1.66E-09 | -0.59945 | 8.83E-05 |
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| 592 C19ORF37 | 0.805268 | 1.86E-09 | -0.81013 | 1.25E-09 |
| 593 FLJ10159 | 0.805136 | 1.88E-09 | -0.62682 | 3.31E-05 |
| 594 SAFB | 0.804606 | 1.96E-09 | -0.53187 | 0.000704 |
| 595 C20ORF100 | 0.804246 | 2.02E-09 | -0.92516 | 2.72E-16 |
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| 599 ECHDC3 | 0.802882 | 2.25E-09 | -0.63416 | 2.51E-05 |
| 600 RNPS1 | 0.802297 | 2.36E-09 | -0.8511 | 2.50E-11 |
| 601 CAMSAP1 | 0.801855 | 2.45E-09 | -0.84548 | 4.56E-11 |
| 602 WDR73 | 0.801636 | 2.49E-09 | -0.63353 | 2.57E-05 |
| 603 PTTG1 | 0.801252 | 2.57E-09 | -0.93261 | 4.60E-17 |
| 604 LOC340156 | 0.801187 | 2.58E-09 | -0.64035 | 1.97E-05 |
| 605 KUA | 0.800885 | 2.64E-09 | -0.80849 | 1.43E-09 |
| 606 HSPA14 | 0.800883 | 2.64E-09 | -0.74611 | 1.15E-07 |
| 607 ZNF326 | 0.800565 | 2.71E-09 | -0.65886 | 9.26E-06 |
| 608 MGC11335 | 0.800227 | 2.79E-09 | -0.54642 | 0.000467 |
| 609 ZCCHC3 | 0.800048 | 2.82E-09 | -0.6218 | 3.99E-05 |
| 610 DPYSL2 | 0.799371 | 2.98E-09 | -0.58409 | 0.000147 |
| 611 BLMH | 0.799283 | 3.00E-09 | -0.53956 | 0.000568 |
| 612 AARS | 0.799072 | 3.05E-09 | -0.83297 | 1.60E-10 |
| 613 GLI3 | 0.79888 | 3.10E-09 | -0.9031 | 2.09E-14 |
| 614 DEPDC1B | 0.798617 | 3.16E-09 | -0.63187 | 2.73E-05 |
| 615 WDR79 | 0.798523 | 3.18E-09 | -0.57413 | 0.000203 |
| 616 FLJ20674 | 0.798507 | 3.19E-09 | -0.82618 | 3.04E-10 |
| 617 RBM5 | 0.798389 | 3.22E-09 | -0.85401 | 1.81E-11 |
| 618 PSIP1 | 0.797749 | 3.38E-09 | -0.58426 | 0.000147 |
| 619 C2ORF26 | 0.797468 | 3.46E-09 | -0.78992 | 6.15E-09 |
| 620 CENPE | 0.796618 | 3.69E-09 | -0.78929 | 6.44E-09 |
| 621 AFG3L2 | 0.796595 | 3.70E-09 | -0.7135 | 7.17E-07 |
| 622 NAT10 | 0.796152 | 3.83E-09 | -0.62619 | 3.39E-05 |
| 623 LOC728643 | 0.795765 | 3.95E-09 | -0.72092 | 4.84E-07 |
| 624 ZNF278 | 0.795447 | 4.04E-09 | -0.81976 | 5.43E-10 |
| 625 RNF38 | 0.795416 | 4.05E-09 | -0.70984 | 8.66E-07 |
| 626 ANKRD16 | 0.794677 | 4.29E-09 | -0.7149 | 6.66E-07 |
| 627 LRBA | 0.794673 | 4.29E-09 | -0.87087 | 2.44E-12 |
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| 629 CPSF1 | 0.794116 | 4.48E-09 | -0.74152 | 1.52E-07 |
| 630 FLJ32745 | 0.793969 | 4.53E-09 | -0.61192 | 5.71E-05 |
| 631 SETMAR | 0.793741 | 4.61E-09 | -0.83138 | 1.87E-10 |
| 632 MADD | 0.793361 | 4.74E-09 | -0.74998 | 9.13E-08 |
| 633 PSMC3IP | 0.79326 | 4.78E-09 | -0.65892 | 9.24E-06 |
| 634 H3F3B | 0.793237 | 4.79E-09 | -0.94814 | 5.32E-19 |
| 635 SCRIB | 0.792698 | 4.99E-09 | -0.74382 | 1.32E-07 |
| 636 DKFZP586H2123 0.791852 | 5.32E-09 | -0.70625 | 1.04E-06 |
| 637 EIF3S6 0.791753 | 5.36E-09 | -0.53745 | 0.000603 |
| 638 PGBD2 0.79142 | 5.49E-09 | -0.57703 | 0.000185 |
| 639 EMD 0.791277 | 5.55E-09 | -0.71176 | 7.85E-07 |
| 640 HNRPA0 0.790839 | 5.74E-09 | -0.54514 | 0.000485 |
| 641 FBXO28 0.790824 | 5.75E-09 | -0.72119 | 4.77E-07 |
| 642 ERP29 0.790544 | 5.87E-09 | -0.66511 | 7.10E-06 |
| 643 CTCF 0.790184 | 6.03E-09 | -0.83922 | 8.68E-11 |
| 644 HNRPA1L-2 0.790054 | 6.09E-09 | -0.67097 | 5.50E-06 |
| 645 BRPF3 0.78944 | 6.37E-09 | -0.90867 | 7.76E-15 |
| 646 TSC22D1 0.789016 | 6.58E-09 | -0.73791 | 1.87E-07 |
| 647 PCDHA4 0.788871 | 6.65E-09 | -0.70093 | 1.36E-06 |
| 648 SPSB3 0.788779 | 6.69E-09 | -0.68466 | 2.96E-06 |
| 649 DHX9 | 0.788459 | 6.85E-09 | -0.66785 | 6.30E-06 |
| 650 PHF21A | 0.788264 | 6.95E-09 | -0.80834 | 1.44E-09 |
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| 653 PHF20L1 | 0.787325 | 7.45E-09 | -0.77398 | 1.93E-08 |
| 654 PCMTD2 | 0.787302 | 7.47E-09 | -0.67101 | 5.49E-06 |
| 655 MDGA1 | 0.786831 | 7.73E-09 | -0.7501 | 9.07E-08 |
| 656 RP13-15M17.2 | 0.786545 | 7.89E-09 | -0.71198 | 7.76E-07 |
| 657 ATP5A1 | 0.786517 | 7.91E-09 | -0.67923 | 3.80E-06 |
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| 659 RBM25 | 0.786106 | 8.15E-09 | -0.57938 | 0.000172 |
| 660 IPO9 | 0.785889 | 8.28E-09 | -0.77482 | 1.82E-08 |
| 661 PHC1 | 0.784755 | 8.99E-09 | -0.84404 | 5.30E-11 |
| 662 LOC339123 | 0.784334 | 9.27E-09 | -0.56189 | 0.000296 |
| 663 ACSS1 | 0.783646 | 9.75E-09 | -0.78051 | 1.22E-08 |
| 664 FRMPD4 | 0.783215 | 1.01E-08 | -0.64124 | 1.90E-05 |
| 665 HELLS | 0.78282 | 1.03E-08 | -0.78003 | 1.26E-08 |
| 666 HMG20A | 0.782388 | 1.07E-08 | -0.50551 | 0.001415 |
| 667 CXXC6 | 0.782055 | 1.09E-08 | -0.78459 | 9.10E-09 |
| 668 HIC1 | 0.78095 | 1.18E-08 | -0.85027 | 2.74E-11 |
| 669 EIF3S6IP | 0.780694 | 1.20E-08 | -0.60446 | 7.43E-05 |
| 670 C1ORF164 | 0.78032 | 1.24E-08 | -0.79413 | 4.47E-09 |
| 671 RBBP6 | 0.779952 | 1.27E-08 | -0.77979 | 1.28E-08 |
| 672 AZIN1 | 0.779714 | 1.29E-08 | -0.77086 | 2.38E-08 |
| 673 ZNF426 | 0.779521 | 1.31E-08 | -0.71401 | 6.98E-07 |
| 674 LRIG2 | 0.779458 | 1.31E-08 | -0.86387 | 5.80E-12 |
| 675 C1ORF85 | 0.778785 | 1.38E-08 | -0.8302 | 2.09E-10 |
| 676 CLDN23 | 0.778631 | 1.39E-08 | -0.78459 | 9.11E-09 |
| 677 CCNI | 0.778602 | 1.40E-08 | -0.50836 | 0.001316 |
| 678 ZNF336 | 0.778128 | 1.44E-08 | -0.82011 | 5.27E-10 |
| 679 SLC25A34 | 0.777914 | 1.47E-08 | -0.8927 | 1.14E-13 |
| 680 HECTD1 | 0.777868 | 1.47E-08 | -0.65086 | 1.29E-05 |
| 681 BPHL | 0.777846 | 1.47E-08 | -0.8604 | 8.74E-12 |
| 682 MAP2K6 | 0.77722 | 1.54E-08 | -0.6889 | 2.43E-06 |
| 683 THOC1 | 0.777086 | 1.55E-08 | -0.70535 | 1.09E-06 |
| 684 SPRED1 | 0.77674 | 1.59E-08 | -0.50921 | 0.001288 |
| 685 PRICKLE2 | 0.776558 | 1.61E-08 | -0.7641 | 3.74E-08 |
| 686 PDCL | 0.776475 | 1.62E-08 | -0.57777 | 0.000181 |
| 687 KCTD15 | 0.775902 | 1.69E-08 | -0.77317 | 2.04E-08 |
| 688 RAE1 | 0.775745 | 1.71E-08 | -0.79144 | 5.48E-09 |
| 689 ARIH2 | 0.77544 | 1.74E-08 | -0.57414 | 0.000203 |
| 690 RAB40C | 0.775372 | 1.75E-08 | -0.68048 | 3.59E-06 |
| 691 RNF175 | 0.774927 | 1.80E-08 | -0.72411 | 4.07E-07 |
| 692 FLJ10154 | 0.774157 | 1.90E-08 | -0.56039 | 0.00031 |
| 693 BLM | 0.77371 | 1.96E-08 | -0.8479 | 3.53E-11 |
| 694 FLJ13236 | 0.773486 | 1.99E-08 | -0.86227 | 7.01E-12 |
| 695 COL5A2 | 0.772747 | 2.10E-08 | -0.61228 | 5.64E-05 |
| 696 KIAA0240 | 0.772698 | 2.10E-08 | -0.66587 | 6.87E-06 |
| 697 KIAA1706 | 0.771915 | 2.22E-08 | -0.85515 | 1.60E-11 |
| 698 FLJ14768 | 0.771358 | 2.30E-08 | -0.76894 | 2.71E-08 |
| 699 USP37 | 0.770996 | 2.36E-08 | -0.73566 | 2.13E-07 |
| 700 CLCN6 | 0.770798 | 2.39E-08 | -0.7838 | 9.64E-09 |
| 701 LOC112869 | 0.77024 | 2.49E-08 | -0.71344 | 7.19E-07 |
| 702 RPL13A | 0.770174 | 2.50E-08 | -0.51334 | 0.001157 |
| 703 BTNL2 | 0.770067 | 2.51E-08 | -0.78317 | 1.01E-08 |
| 704 SPIN | 0.769702 | 2.58E-08 | -0.82953 | 2.23E-10 |
| 705 TOB1 | 0.769602 | 2.59E-08 | -0.57024 | 0.000229 |
| 706 METTL7A | 0.769144 | 2.68E-08 | -0.59169 | 0.000115 |
| 707 ZNF672 | 0.768763 | 2.74E-08 | -0.57862 | 0.000176 |
| 708 LYK5 | 0.768725 | 2.75E-08 | -0.60883 | 6.38E-05 |
| 709 TCF12 | 0.768704 | 2.76E-08 | -0.52589 | 0.000829 |
| 710 WASF3 | 0.768581 | 2.78E-08 | -0.50294 | 0.001511 |
| 711 C22ORF8 | 0.767078 | 3.07E-08 | -0.67626 | 4.35E-06 |
| 712 PMPCB | 0.767047 | 3.08E-08 | -0.66489 | 7.17E-06 |
| 713 TP53INP1 | 0.766898 | 3.11E-08 | -0.52237 | 0.000912 |
| 714 ADNP | 0.766258 | 3.24E-08 | -0.57492 | 0.000198 |
| 715 CPSF4 | 0.765998 | 3.30E-08 | -0.73982 | 1.68E-07 |
| 716 LKAP | 0.765828 | 3.34E-08 | -0.61468 | 5.17E-05 |
| 717 TIGD2 | 0.764859 | 3.56E-08 | -0.77556 | 1.73E-08 |
| 718 CCNG2 | 0.764285 | 3.69E-08 | -0.57689 | 0.000186 |
| 719 AGPAT4 | 0.764266 | 3.70E-08 | -0.72427 | 4.03E-07 |
| 720 TAF6L | 0.763757 | 3.82E-08 | -0.85092 | 2.55E-11 |
| 721 RPS15 | 0.763408 | 3.91E-08 | -0.68576 | 2.81E-06 |
| 722 PRKRIP1 | 0.762607 | 4.12E-08 | -0.6403 | 1.97E-05 |
| 723 NFIL3 | 0.761702 | 4.37E-08 | -0.85106 | 2.51E-11 |
| 724 TGFBI | 0.761578 | 4.40E-08 | -0.84181 | 6.67E-11 |
| 725 RIN2 | 0.760635 | 4.68E-08 | -0.86882 | 3.16E-12 |
| 726 PRDM4 | 0.760446 | 4.74E-08 | -0.71667 | 6.07E-07 |
| 727 CHODL | 0.760297 | 4.78E-08 | -0.49145 | 0.002009 |
| 728 ZCCHC11 | 0.760126 | 4.84E-08 | -0.8361 | 1.18E-10 |
| 729 FLJ37440 | 0.760056 | 4.86E-08 | -0.85509 | 1.61E-11 |
| 730 RGS17 | 0.75974 | 4.96E-08 | -0.58596 | 0.000139 |
| 731 ADM | 0.759243 | 5.12E-08 | -0.57767 | 0.000181 |
| 732 ELAC1 | 0.759189 | 5.13E-08 | -0.64883 | 1.40E-05 |
| 733 ANGPT1 | 0.758795 | 5.27E-08 | -0.57779 | 0.000181 |
| 734 MLF1IP | 0.757947 | 5.56E-08 | -0.73967 | 1.69E-07 |
| 735 ACVR1B | 0.757424 | 5.74E-08 | -0.61682 | 4.79E-05 |
| 736 EDD1 | 0.757196 | 5.83E-08 | -0.54989 | 0.000423 |
| 737 CECR5 | 0.756795 | 5.98E-08 | -0.5412 | 0.000543 |
| 738 TCF7L2 | 0.756568 | 6.06E-08 | -0.78082 | 1.19E-08 |
| 739 C14ORF145 | 0.756496 | 6.09E-08 | -0.6505 | 1.31E-05 |
| 740 C16ORF53 | 0.755773 | 6.38E-08 | -0.68684 | 2.68E-06 |
| 741 HNRPA3 | 0.754857 | 6.75E-08 | -0.76449 | 3.64E-08 |
| 742 RPS2 | 0.754386 | 6.96E-08 | -0.51616 | 0.001075 |
| 743 APP | 0.754122 | 7.07E-08 | -0.84259 | 6.16E-11 |
| 744 BAZ2B | 0.7538 | 7.21E-08 | -0.67207 | 5.24E-06 |
| 745 FLJ22795 | 0.753695 | 7.26E-08 | -0.57321 | 0.000209 |
| 746 SYT11 | 0.753308 | 7.44E-08 | -0.65236 | 1.21E-05 |
| 747 FECH | 0.753171 | 7.50E-08 | -0.6944 | 1.87E-06 |
| 748 CHAF1A | 0.752988 | 7.59E-08 | -0.73628 | 2.06E-07 |
| 749 STX16 | 0.752844 | 7.66E-08 | -0.55029 | 0.000418 |
| 750 XRCC3 | 0.752782 | 7.69E-08 | -0.759 | 5.20E-08 |
| 751 C11ORF11 | 0.752406 | 7.87E-08 | -0.63714 | 2.23E-05 |
| 752 ILKAP | 0.752192 | 7.97E-08 | -0.62769 | 3.21E-05 |
| 753 NCOA4 | 0.752104 | 8.02E-08 | -0.55614 | 0.000352 |
| 754 WDR19 | 0.75138 | 8.38E-08 | -0.45071 | 0.005119 |
| 755 NELF | 0.751088 | 8.53E-08 | -0.67346 | 4.93E-06 |
| 756 CNP | 0.750611 | 8.79E-08 | -0.77627 | 1.64E-08 |
| 757 USP3 | 0.750483 | 8.86E-08 | -0.82216 | 4.39E-10 |
| 758 RAI1 | 0.75001 | 9.12E-08 | -0.6708 | 5.54E-06 |
| 759 LPIN2 | 0.750001 | 9.12E-08 | -0.65132 | 1.27E-05 |
| 760 PTPLAD1 | 0.749724 | 9.28E-08 | -0.68829 | 2.50E-06 |
| 761 FANCC | 0.749137 | 9.62E-08 | -0.61253 | 5.59E-05 |
| 762 SCAP | 0.74905 | 9.67E-08 | -0.50678 | 0.00137 |
| 763 TRFP | 0.748419 | 1.00E-07 | -0.44137 | 0.006245 |
| 764 GRB10 | 0.747607 | 1.06E-07 | -0.62153 | 4.03E-05 |
| 765 TRPC6 | 0.747473 | 1.06E-07 | -0.67811 | 4.00E-06 |
| 766 C8ORF13 | 0.74591 | 1.17E-07 | -0.60215 | 8.05E-05 |
| 767 GPRC5C | 0.745328 | 1.21E-07 | -0.56101 | 0.000304 |
| 768 ZNF507 | 0.744974 | 1.24E-07 | -0.68025 | 3.63E-06 |
| 769 PAM | 0.744933 | 1.24E-07 | -0.60031 | 8.57E-05 |
| 770 SLD5 | 0.744794 | 1.25E-07 | -0.5766 | 0.000188 |
| 771 SLC45A4 | 0.744109 | 1.30E-07 | -0.63407 | 2.51E-05 |
| 772 NSDHL | 0.744004 | 1.31E-07 | -0.69294 | 2.00E-06 |
| 773 E4F1 | 0.743619 | 1.34E-07 | -0.64238 | 1.82E-05 |
| 774 CPS1 | 0.743177 | 1.38E-07 | -0.5949 | 0.000103 |
| 775 PDE4D | 0.742707 | 1.42E-07 | -0.45156 | 0.005025 |
| 776 MSH6 | 0.742353 | 1.45E-07 | -0.54342 | 0.000509 |
| 777 CDK10 | 0.742343 | 1.45E-07 | -0.72455 | 3.97E-07 |
| 778 BRD8 | 0.742071 | 1.47E-07 | -0.64666 | 1.53E-05 |
| 779 ZNF297B | 0.741878 | 1.49E-07 | -0.60852 | 6.45E-05 |
| 780 VWA1 | 0.741761 | 1.50E-07 | -0.66171 | 8.21E-06 |
| 781 ABHD11 | 0.741217 | 1.55E-07 | -0.59424 | 0.000105 |
| 782 ACAA2 | 0.740119 | 1.65E-07 | -0.78684 | 7.72E-09 |
| 783 ERV3 | 0.739475 | 1.71E-07 | -0.69847 | 1.53E-06 |
| 784 MKRN1 | 0.739222 | 1.74E-07 | -0.52985 | 0.000745 |
| 785 KCTD10 | 0.738947 | 1.76E-07 | -0.64694 | 1.51E-05 |
| 786 APAF1 | 0.738233 | 1.84E-07 | -0.7389 | 1.77E-07 |
| 787 PLK1 | 0.737702 | 1.90E-07 | -0.77808 | 1.45E-08 |
| 788 DFFB | 0.737638 | 1.90E-07 | -0.73512 | 2.20E-07 |
| 789 MAML1 | 0.737589 | 1.91E-07 | -0.55472 | 0.000367 |
| 790 FLJ20364 | 0.737102 | 1.96E-07 | -0.54738 | 0.000455 |
| 791 EEF2K | 0.736633 | 2.02E-07 | -0.69184 | 2.11E-06 |
| 792 MDS028 | 0.736547 | 2.03E-07 | -0.84275 | 6.06E-11 |
| 793 ELAVL1 | 0.736471 | 2.04E-07 | -0.65318 | 1.17E-05 |
| 794 FLJ10379 | 0.736467 | 2.04E-07 | -0.6163 | 4.88E-05 |
| 795 FLJ20280 | 0.735725 | 2.13E-07 | -0.65905 | 9.19E-06 |
| 796 CHERP | 0.735647 | 2.14E-07 | -0.71864 | 5.47E-07 |
| 797 C1ORF123 | 0.735474 | 2.16E-07 | -0.71544 | 6.48E-07 |
| 798 KIAA0556 | 0.735178 | 2.19E-07 | -0.69285 | 2.01E-06 |
| 799 TMED10 | 0.734956 | 2.22E-07 | -0.56512 | 0.000268 |
| 800 FLJ45032 | 0.734067 | 2.34E-07 | -0.79402 | 4.51E-09 |
| 801 March 7 | 0.73379 | 2.37E-07 | -0.70827 | 9.39E-07 |
| 802 ITGA8 | 0.733387 | 2.43E-07 | -0.78716 | 7.55E-09 |
| 803 OXA1L | 0.732447 | 2.56E-07 | -0.6482 | 1.44E-05 |
| 804 NT5C3 | 0.73236 | 2.57E-07 | -0.75982 | 4.93E-08 |
| 805 CBFB | 0.731894 | 2.64E-07 | -0.56676 | 0.000255 |
| 806 XRCC5 | 0.729827 | 2.97E-07 | -0.61325 | 5.45E-05 |
| 807 TRIM24 | 0.729027 | 3.10E-07 | -0.66824 | 6.20E-06 |
| 808 ZNF690 | 0.728768 | 3.15E-07 | -0.69171 | 2.12E-06 |
| 809 RCCD1 | 0.728122 | 3.26E-07 | -0.51476 | 0.001115 |
| 810 LAMB1 | 0.72785 | 3.31E-07 | -0.60824 | 6.51E-05 |
| 811 NFIA | 0.72748 | 3.38E-07 | -0.5684 | 0.000242 |
| 812 DNAJC8 | 0.727048 | 3.46E-07 | -0.56538 | 0.000266 |
| 813 NY-SAR-48 | 0.727048 | 3.46E-07 | -0.60887 | 6.37E-05 |
| 814 SLC38A2 | 0.726258 | 3.62E-07 | -0.50092 | 0.001589 |
| 815 ENOSF1 | 0.726017 | 3.67E-07 | -0.83254 | 1.67E-10 |
| 816 SNN | 0.72543 | 3.79E-07 | -0.64071 | 1.94E-05 |
| 817 ZNF266 | 0.725247 | 3.83E-07 | -0.77396 | 1.93E-08 |
| 818 TENC1 | 0.72515 | 3.85E-07 | -0.7735 | 1.99E-08 |
| 819 GCC1 | 0.724771 | 3.93E-07 | -0.49802 | 0.001709 |
| 820 DERPC | 0.724765 | 3.93E-07 | -0.58885 | 0.000126 |
| 821 KIAA0980 | 0.724451 | 4.00E-07 | -0.67357 | 4.90E-06 |
| 822 PIK4CA | 0.72395 | 4.11E-07 | -0.76659 | 3.17E-08 |
| 823 UCHL5IP | 0.723768 | 4.15E-07 | -0.61208 | 5.68E-05 |
| 824 RPS4X | 0.723441 | 4.22E-07 | -0.45754 | 0.00441 |
| 825 RG9MTD3 | 0.723009 | 4.32E-07 | -0.67358 | 4.90E-06 |
| 826 NEK8 | 0.722937 | 4.34E-07 | -0.68751 | 2.59E-06 |
| 827 MRPS27 | 0.722684 | 4.40E-07 | -0.77526 | 1.76E-08 |
| 828 RC74 | 0.722267 | 4.50E-07 | -0.79338 | 4.73E-09 |
| 829 MEIS3P1 | 0.721392 | 4.72E-07 | -0.82196 | 4.47E-10 |
| 830 AHCTF1 | 0.721376 | 4.72E-07 | -0.75536 | 6.55E-08 |
| 831 LUC7L | 0.721166 | 4.77E-07 | -0.7386 | 1.80E-07 |
| 832 SOCS1 | 0.721007 | 4.82E-07 | -0.59328 | 0.000109 |
| 833 FGD1 | 0.72009 | 5.06E-07 | -0.79117 | 5.60E-09 |
| 834 C6ORF70 | 0.720015 | 5.08E-07 | -0.79579 | 3.94E-09 |
| 835 HS6ST1 | 0.719388 | 5.25E-07 | -0.54523 | 0.000484 |
| 836 TMEM106C | 0.719318 | 5.27E-07 | -0.61459 | 5.19E-05 |
| 837 BOP1 | 0.718412 | 5.53E-07 | -0.51874 | 0.001004 |
| 838 CYORF15A | 0.718405 | 5.54E-07 | -0.63631 | 2.30E-05 |
| 839 FBXO33 | 0.718227 | 5.59E-07 | -0.80439 | 2.00E-09 |
| 840 ARID5B | 0.716881 | 6.00E-07 | -0.72399 | 4.10E-07 |
| 841 CLCN7 | 0.716354 | 6.17E-07 | -0.66064 | 8.59E-06 |
| 842 PRKDC | 0.715921 | 6.31E-07 | -0.58003 | 0.000168 |
| 843 TRHDE | 0.715496 | 6.46E-07 | -0.62726 | 3.26E-05 |
| 844 TPCN2 | 0.714272 | 6.88E-07 | -0.65567 | 1.06E-05 |
| 845 ILVBL | 0.714166 | 6.92E-07 | -0.55745 | 0.000338 |
| 846 ZC3H3 | 0.713431 | 7.19E-07 | -0.80519 | 1.87E-09 |
| 847 WDR57 | 0.713355 | 7.22E-07 | -0.55749 | 0.000338 |
| 848 SUPT16H | 0.712829 | 7.42E-07 | -0.69963 | 1.45E-06 |
| 849 EIF4A1 | 0.711166 | 8.09E-07 | -0.84773 | 3.60E-11 |
| 850 TXNL4B | 0.709737 | 8.71E-07 | -0.75366 | 7.28E-08 |
| 851 CTF8 | 0.709488 | 8.82E-07 | -0.54871 | 0.000437 |
| 852 CTDSPL2 | 0.709364 | 8.88E-07 | -0.52897 | 0.000763 |
| 853 TSPAN32 | 0.707691 | 9.67E-07 | -0.54864 | 0.000438 |
| 854 LOC440944 | 0.707554 | 9.74E-07 | -0.70336 | 1.20E-06 |
| 855 PEX16 | 0.706698 | 1.02E-06 | -0.66622 | 6.77E-06 |
| 856 SLC2A12 | 0.705938 | 1.06E-06 | -0.66807 | 6.24E-06 |
| 857 LARS2 | 0.704879 | 1.11E-06 | -0.59763 | 9.40E-05 |
| 858 SMURF1 | 0.703979 | 1.17E-06 | -0.606 | 7.04E-05 |
| 859 FLJ13305 | 0.703287 | 1.21E-06 | -0.70685 | 1.01E-06 |
| 860 U2AF1L4 | 0.702633 | 1.25E-06 | -0.648 | 1.45E-05 |
| 861 PIK3R3 | 0.702089 | 1.28E-06 | -0.49225 | 0.00197 |
| 862 ANKRD41 | 0.701814 | 1.30E-06 | -0.68424 | 3.02E-06 |
| 863 CASP6 | 0.700793 | 1.37E-06 | -0.72826 | 3.24E-07 |
| 864 C3ORF30 | 0.69985 | 1.43E-06 | -0.7272 | 3.44E-07 |
| 865 ZBED1 | 0.699376 | 1.47E-06 | -0.76985 | 2.55E-08 |
| 866 USP52 | 0.699124 | 1.48E-06 | -0.5638 | 0.000279 |
| 867 RSAFD1 | 0.698563 | 1.53E-06 | -0.49912 | 0.001663 |
| 868 TCF4 | 0.698558 | 1.53E-06 | -0.5059 | 0.001402 |
| 869 OTUB1 | 0.698509 | 1.53E-06 | -0.67649 | 4.30E-06 |
| 870 ZXDC | 0.697786 | 1.58E-06 | -0.48711 | 0.002232 |
| 871 RAPGEFL1 | 0.697469 | 1.61E-06 | -0.75467 | 6.83E-08 |
| 872 ZBTB33 | 0.69708 | 1.64E-06 | -0.53723 | 0.000607 |
| 873 NISCH | 0.696371 | 1.70E-06 | -0.70365 | 1.19E-06 |
| 874 ZFYVE26 | 0.695577 | 1.76E-06 | -0.58934 | 0.000124 |
| 875 SELENBP1 | 0.695179 | 1.80E-06 | -0.57322 | 0.000209 |
| 876 NUP160 | 0.695118 | 1.80E-06 | -0.63589 | 2.34E-05 |
| 877 C9ORF39 | 0.694984 | 1.82E-06 | -0.77226 | 2.17E-08 |
| 878 C10ORF119 | 0.694917 | 1.82E-06 | -0.63007 | 2.93E-05 |
| 879 TSEN54 | 0.694599 | 1.85E-06 | -0.7243 | 4.03E-07 |
| 880 SPIRE2 | 0.694174 | 1.89E-06 | -0.76889 | 2.72E-08 |
| 881 NGDN | 0.693548 | 1.95E-06 | -0.79311 | 4.83E-09 |
| 882 ZW10 | 0.693288 | 1.97E-06 | -0.4753 | 0.00295 |
| 883 E2F6 | 0.693176 | 1.98E-06 | -0.52429 | 0.000866 |
| 884 ISCA2 | 0.692649 | 2.03E-06 | -0.65547 | 1.07E-05 |
| 885 TRIAD3 | 0.692645 | 2.03E-06 | -0.50825 | 0.00132 |
| 886 RPIA | 0.692611 | 2.04E-06 | -0.68405 | 3.05E-06 |
| 887 PFTK1 | 0.692545 | 2.04E-06 | -0.6605 | 8.64E-06 |
| 888 VWCE | 0.692437 | 2.05E-06 | -0.73933 | 1.73E-07 |
| 889 PEX1 | 0.691759 | 2.12E-06 | -0.53492 | 0.000647 |
| 890 MPDU1 | 0.691589 | 2.14E-06 | -0.61057 | 5.99E-05 |
| 891 BCKDHA | 0.691005 | 2.20E-06 | -0.68977 | 2.33E-06 |
| 892 AVIL | 0.690461 | 2.26E-06 | -0.60255 | 7.94E-05 |
| 893 DKFZP564O0523 0.690293 | 2.27E-06 | -0.46072 | 0.00411 |
| 894 ZNF358 0.690233 | 2.28E-06 | -0.64195 | 1.85E-05 |
| 895 ZNF96 0.689927 | 2.31E-06 | -0.60056 | 8.50E-05 |
| 896 SLC37A3 0.689701 | 2.34E-06 | -0.51136 | 0.001218 |
| 897 RPS25 0.689381 | 2.37E-06 | -0.52283 | 0.000901 |
| 898 FOXQ1 0.689322 | 2.38E-06 | -0.81503 | 8.21E-10 |
| 899 EHMT1 | 0.688942 | 2.42E-06 | -0.71417 | 6.92E-07 |
| 900 C13ORF3 | 0.688796 | 2.44E-06 | -0.7659 | 3.32E-08 |
| 901 FLJ90757 | 0.688273 | 2.50E-06 | -0.51625 | 0.001072 |
| 902 SYT1 | 0.687964 | 2.54E-06 | -0.67357 | 4.90E-06 |
| 903 BRMS1 | 0.687819 | 2.55E-06 | -0.75562 | 6.44E-08 |
| 904 ZNF543 | 0.687527 | 2.59E-06 | -0.51129 | 0.00122 |
| 905 TAF1B | 0.687453 | 2.60E-06 | -0.63169 | 2.75E-05 |
| 906 PPAT | 0.686095 | 2.77E-06 | -0.55689 | 0.000344 |
| 907 RBMS3 | 0.685731 | 2.82E-06 | -0.48421 | 0.002392 |
| 908 USP46 | 0.684643 | 2.96E-06 | -0.56915 | 0.000237 |
| 909 SPRED2 | 0.683419 | 3.14E-06 | -0.50433 | 0.001458 |
| 910 CARD8 | 0.683369 | 3.14E-06 | -0.70193 | 1.29E-06 |
| 911 TMEM43 | 0.6833 | 3.15E-06 | -0.50119 | 0.001579 |
| 912 GLT8D2 | 0.68289 | 3.21E-06 | -0.42628 | 0.008517 |
| 913 C14ORF130 | 0.682716 | 3.24E-06 | -0.73314 | 2.46E-07 |
| 914 HRB2 | 0.682079 | 3.34E-06 | -0.46232 | 0.003966 |
| 915 THUMPD1 | 0.681915 | 3.36E-06 | -0.51381 | 0.001143 |
| 916 WHDC1 | 0.681534 | 3.42E-06 | -0.64753 | 1.48E-05 |
| 917 PELI2 | 0.678909 | 3.86E-06 | -0.69871 | 1.51E-06 |
| 918 PACSIN2 | 0.677599 | 4.09E-06 | -0.40499 | 0.012901 |
| 919 SRP9 | 0.676582 | 4.28E-06 | -0.62259 | 3.88E-05 |
| 920 CAPN3 | 0.675275 | 4.54E-06 | -0.73556 | 2.15E-07 |
| 921 NUP35 | 0.674779 | 4.64E-06 | -0.56515 | 0.000268 |
| 922 BUB1B | 0.674658 | 4.67E-06 | -0.68773 | 2.57E-06 |
| 923 AQR | 0.674228 | 4.76E-06 | -0.46864 | 0.003439 |
| 924 TIFA | 0.67376 | 4.86E-06 | -0.61212 | 5.67E-05 |
| 925 PTHLH | 0.673545 | 4.91E-06 | -0.52861 | 0.00077 |
| 926 GAB1 | 0.672234 | 5.20E-06 | -0.70413 | 1.16E-06 |
| 927 DPY19L2 | 0.671949 | 5.27E-06 | -0.62707 | 3.28E-05 |
| 928 LAMC1 | 0.671919 | 5.27E-06 | -0.41445 | 0.010763 |
| 929 ABCC1 | 0.671119 | 5.46E-06 | -0.60254 | 7.94E-05 |
| 930 RLF | 0.670395 | 5.64E-06 | -0.70617 | 1.04E-06 |
| 931 NQO1 | 0.670313 | 5.66E-06 | -0.73433 | 2.30E-07 |
| 932 PHLPP | 0.670243 | 5.68E-06 | -0.74633 | 1.14E-07 |
| 933 CARM1 | 0.670138 | 5.70E-06 | -0.47666 | 0.002858 |
| 934 SKP2 | 0.669663 | 5.82E-06 | -0.59514 | 0.000102 |
| 935 POLA1 | 0.669592 | 5.84E-06 | -0.58017 | 0.000167 |
| 936 LOC652924 | 0.669484 | 5.87E-06 | -0.61408 | 5.29E-05 |
| 937 CRSP6 | 0.668404 | 6.15E-06 | -0.55668 | 0.000346 |
| 938 GALNAC4S-6ST | 0.667507 | 6.40E-06 | -0.4226 | 0.009169 |
| 939 RRAGB | 0.66737 | 6.44E-06 | -0.45538 | 0.004624 |
| 940 LOC90639 | 0.667237 | 6.47E-06 | -0.5827 | 0.000154 |
| 941 CCS | 0.666338 | 6.73E-06 | -0.66643 | 6.71E-06 |
| 942 MKL2 | 0.666242 | 6.76E-06 | -0.56211 | 0.000294 |
| 943 ZNF643 | 0.666003 | 6.83E-06 | -0.46576 | 0.003671 |
| 944 RNMTL1 | 0.665921 | 6.85E-06 | -0.67885 | 3.87E-06 |
| 945 FXC1 | 0.665903 | 6.86E-06 | -0.37456 | 0.022372 |
| 946 HCAP-D3 | 0.66529 | 7.04E-06 | -0.55844 | 0.000328 |
| 947 EPHB3 | 0.664934 | 7.15E-06 | -0.52841 | 0.000774 |
| 948 ZNF32 | 0.664895 | 7.16E-06 | -0.67401 | 4.81E-06 |
| 949 GATS | 0.664704 | 7.22E-06 | -0.52354 | 0.000884 |
| 950 KIAA1160 | 0.663916 | 7.47E-06 | -0.62077 | 4.15E-05 |
| 951 SNRPD1 | 0.663526 | 7.60E-06 | -0.52768 | 0.00079 |
| 952 HNRPUL2 | 0.662755 | 7.85E-06 | -0.58239 | 0.000156 |
| 953 C11ORF71 | 0.661678 | 8.22E-06 | -0.49177 | 0.001993 |
| 954 VPS4B | 0.661461 | 8.30E-06 | -0.687 | 2.66E-06 |
| 955 TMEM69 | 0.660965 | 8.48E-06 | -0.45509 | 0.004653 |
| 956 FLJ90396 | 0.659805 | 8.90E-06 | -0.66509 | 7.10E-06 |
| 957 YPEL1 | 0.659474 | 9.03E-06 | -0.52374 | 0.000879 |
| 958 ITGB3 | 0.659324 | 9.08E-06 | -0.63977 | 2.01E-05 |
| 959 MGC20470 | 0.658999 | 9.21E-06 | -0.61913 | 4.40E-05 |
| 960 FRS3 | 0.657662 | 9.74E-06 | -0.42113 | 0.00944 |
| 961 ASB7 | 0.657518 | 9.80E-06 | -0.72395 | 4.11E-07 |
| 962 ATP8B4 | 0.657414 | 9.84E-06 | -0.5717 | 0.000219 |
| 963 ORC1L | 0.657241 | 9.92E-06 | -0.61591 | 4.95E-05 |
| 964 FZD1 | 0.657136 | 9.96E-06 | -0.49788 | 0.001715 |
| 965 GTPBP3 | 0.655479 | 1.07E-05 | -0.64686 | 1.52E-05 |
| 966 AMIGO3 | 0.655274 | 1.08E-05 | -0.5361 | 0.000626 |
| 967 LOC144404 | 0.654634 | 1.11E-05 | -0.56047 | 0.000309 |
| 968 SPPL3 | 0.654568 | 1.11E-05 | -0.63187 | 2.73E-05 |
| 969 DCI | 0.653827 | 1.14E-05 | -0.46124 | 0.004062 |
| 970 RAD54L | 0.65365 | 1.15E-05 | -0.70276 | 1.24E-06 |
| 971 ZNF6 | 0.65363 | 1.15E-05 | -0.47083 | 0.003271 |
| 972 GBGT1 | 0.653512 | 1.16E-05 | -0.50636 | 0.001385 |
| 973 PTPN13 | 0.65349 | 1.16E-05 | -0.40451 | 0.01302 |
| 974 C6ORF64 | 0.652919 | 1.19E-05 | -0.4922 | 0.001973 |
| 975 GRM2 | 0.652291 | 1.22E-05 | -0.6554 | 1.07E-05 |
| 976 DKFZP434K1815 0.651802 | 1.24E-05 | -0.41561 | 0.010521 |
| 977 DHX37 0.651636 | 1.25E-05 | -0.58897 | 0.000126 |
| 978 RNF44 0.650304 | 1.32E-05 | -0.73009 | 2.93E-07 |
| 979 AADAT 0.650042 | 1.33E-05 | -0.57729 | 0.000183 |
| 980 NARG1L 0.650029 | 1.34E-05 | -0.38473 | 0.018712 |
| 981 BTBD12 0.649371 | 1.37E-05 | -0.4768 | 0.002849 |
| 982 C15ORF15 0.649126 | 1.39E-05 | -0.44655 | 0.005597 |
| 983 ACTR5 0.648074 | 1.45E-05 | -0.50262 | 0.001523 |
| 984 SOX12 0.647355 | 1.49E-05 | -0.5795 | 0.000171 |
| 985 WNT5A 0.646968 | 1.51E-05 | -0.64676 | 1.53E-05 |
| 986 HIST1H4J 0.646872 | 1.52E-05 | -0.52911 | 0.00076 |
| 987 JMJD1A 0.646871 | 1.52E-05 | -0.59181 | 0.000114 |
| 988 FAU 0.645106 | 1.63E-05 | -0.77051 | 2.44E-08 |
| 989 DGCR13 0.644699 | 1.66E-05 | -0.47421 | 0.003026 |
| 990 RAB11B 0.644535 | 1.67E-05 | -0.70042 | 1.39E-06 |
| 991 ILF2 0.643502 | 1.74E-05 | -0.57603 | 0.000191 |
| 992 DCLRE1B 0.643323 | 1.75E-05 | -0.64916 | 1.38E-05 |
| 993 C12ORF45 0.643057 | 1.77E-05 | -0.5166 | 0.001063 |
| 994 RNF34 0.642355 | 1.82E-05 | -0.49911 | 0.001663 |
| 995 MGC52057 0.642185 | 1.83E-05 | -0.5084 | 0.001315 |
| 996 KBTBD4 0.641038 | 1.92E-05 | -0.55723 | 0.00034 |
| 997 PTCD1 0.640231 | 1.98E-05 | -0.37328 | 0.022872 |
| 998 HP1BP3 0.6402 | 1.98E-05 | -0.68735 | 2.61E-06 |
| 999 ZNF614 | 0.639424 | 2.04E-05 | -0.6066 | 6.90E-05 |
| 1000 RPL18A | 0.639324 | 2.05E-05 | -0.47913 | 0.002697 |
| 1001 TPST1 | 0.638658 | 2.10E-05 | -0.70085 | 1.36E-06 |
| 1002 USP21 | 0.638609 | 2.11E-05 | -0.69529 | 1.79E-06 |
| 1003 RANBP2 | 0.638342 | 2.13E-05 | -0.52808 | 0.000781 |
| 1004 LOC51035 | 0.638168 | 2.14E-05 | -0.75539 | 6.53E-08 |
| 1005 SAP30BP | 0.637777 | 2.18E-05 | -0.70114 | 1.34E-06 |
| 1006 USP6 | 0.637622 | 2.19E-05 | -0.50692 | 0.001366 |
| 1007 REV1L | 0.637535 | 2.20E-05 | -0.53618 | 0.000625 |
| 1008 CMTM1 | 0.637175 | 2.23E-05 | -0.60119 | 8.32E-05 |
| 1009 EXOSC6 | 0.636589 | 2.28E-05 | -0.74032 | 1.63E-07 |
| 1010 CEP76 | 0.636419 | 2.30E-05 | -0.49027 | 0.002068 |
| 1011 USP48 | 0.636263 | 2.31E-05 | -0.41163 | 0.011367 |
| 1012 ADSL | 0.634489 | 2.47E-05 | -0.43932 | 0.00652 |
| 1013 PDK4 | 0.633089 | 2.61E-05 | -0.70312 | 1.22E-06 |
| 1014 GOSR1 | 0.631607 | 2.76E-05 | -0.53201 | 0.000702 |
| 1015 JMJD2A | 0.631025 | 2.82E-05 | -0.53038 | 0.000734 |
| 1016 LOC654129 | 0.630815 | 2.85E-05 | -0.61441 | 5.23E-05 |
| 1017 SART1 | 0.62928 | 3.02E-05 | -0.63877 | 2.09E-05 |
| 1018 YTHDF1 | 0.629116 | 3.04E-05 | -0.61236 | 5.62E-05 |
| 1019 ZNF16 | 0.628981 | 3.05E-05 | -0.45773 | 0.004392 |
| 1020 C17ORF56 | 0.628737 | 3.08E-05 | -0.71016 | 8.52E-07 |
| 1021 GATA3 | 0.626278 | 3.38E-05 | -0.55435 | 0.000371 |
| 1022 UBQLN2 | 0.625959 | 3.42E-05 | -0.37231 | 0.023257 |
| 1023 ARRB1 | 0.625458 | 3.49E-05 | -0.55363 | 0.000379 |
| 1024 PLEKHA5 | 0.625184 | 3.52E-05 | -0.48141 | 0.002557 |
| 1025 SPIN1 | 0.625136 | 3.53E-05 | -0.55015 | 0.000419 |
| 1026 RSC1A1 | 0.624903 | 3.56E-05 | -0.52122 | 0.00094 |
| 1027 PHLDB1 | 0.624869 | 3.56E-05 | -0.35726 | 0.029953 |
| 1028 H2AFY | 0.624308 | 3.64E-05 | -0.67468 | 4.66E-06 |
| 1029 DDX6 | 0.624292 | 3.64E-05 | -0.55374 | 0.000378 |
| 1030 UIP1 | 0.623175 | 3.79E-05 | -0.53559 | 0.000635 |
| 1031 RMI1 | 0.623109 | 3.80E-05 | -0.41676 | 0.010289 |
| 1032 GNPTG | 0.622192 | 3.93E-05 | -0.4869 | 0.002243 |
| 1033 CXORF15 | 0.622077 | 3.95E-05 | -0.54717 | 0.000457 |
| 1034 ZNF561 | 0.620955 | 4.12E-05 | -0.39392 | 0.015851 |
| 1035 C14ORF101 | 0.619893 | 4.28E-05 | -0.40112 | 0.013874 |
| 1036 MT1H | 0.619285 | 4.38E-05 | -0.45517 | 0.004646 |
| 1037 TBX1 | 0.618677 | 4.48E-05 | -0.52226 | 0.000914 |
| 1038 ZNF512 | 0.618598 | 4.49E-05 | -0.58732 | 0.000133 |
| 1039 NOL11 | 0.617992 | 4.59E-05 | -0.32977 | 0.046236 |
| 1040 BTF3L4 | 0.617258 | 4.71E-05 | -0.39512 | 0.015505 |
| 1041 WDR18 | 0.615962 | 4.94E-05 | -0.42112 | 0.009443 |
| 1042 SYF2 | 0.614449 | 5.22E-05 | -0.46009 | 0.004168 |
| 1043 ALF | 0.614356 | 5.24E-05 | -0.59416 | 0.000106 |
| 1044 CDC7 | 0.614044 | 5.29E-05 | -0.5303 | 0.000735 |
| 1045 ZNF510 | 0.613766 | 5.35E-05 | -0.46504 | 0.003731 |
| 1046 FLJ37464 | 0.612891 | 5.52E-05 | -0.56791 | 0.000246 |
| 1047 DUSP4 | 0.612296 | 5.64E-05 | -0.67496 | 4.61E-06 |
| 1048 STGC3 | 0.61208 | 5.68E-05 | -0.54534 | 0.000482 |
| 1049 NAT11 | 0.610801 | 5.95E-05 | -0.62582 | 3.44E-05 |
| 1050 UBE2O | 0.60963 | 6.20E-05 | -0.48859 | 0.002153 |
| 1051 RPN1 | 0.609562 | 6.21E-05 | -0.48486 | 0.002355 |
| 1052 LOC143543 | 0.609384 | 6.25E-05 | -0.54506 | 0.000486 |
| 1053 PGRMC1 | 0.609055 | 6.32E-05 | -0.34495 | 0.036536 |
| 1054 LOC126536 | 0.607231 | 6.74E-05 | -0.49689 | 0.001758 |
| 1055 SFRS14 | 0.606832 | 6.84E-05 | -0.43693 | 0.006853 |
| 1056 C9ORF112 | 0.606173 | 7.00E-05 | -0.56508 | 0.000269 |
| 1057 EDA2R | 0.605673 | 7.12E-05 | -0.53849 | 0.000586 |
| 1058 SP4 | 0.604855 | 7.33E-05 | -0.35904 | 0.029085 |
| 1059 REPS1 | 0.60472 | 7.36E-05 | -0.44171 | 0.006201 |
| 1060 ZNF694 | 0.604379 | 7.45E-05 | -0.37691 | 0.021478 |
| 1061 SLITRK6 | 0.604027 | 7.54E-05 | -0.41501 | 0.010646 |
| 1062 RAB34 | 0.603971 | 7.56E-05 | -0.52746 | 0.000795 |
| 1063 GANAB | 0.603524 | 7.68E-05 | -0.63792 | 2.17E-05 |
| 1064 MCC | 0.602566 | 7.93E-05 | -0.43118 | 0.007713 |
| 1065 THG1L | 0.600619 | 8.49E-05 | -0.62356 | 3.74E-05 |
| 1066 CD81 | 0.600046 | 8.65E-05 | -0.37508 | 0.022171 |
| 1067 PHF17 | 0.599784 | 8.73E-05 | -0.43434 | 0.00723 |
| 1068 PTMA | 0.599458 | 8.83E-05 | -0.57051 | 0.000227 |
| 1069 DDX27 | 0.599098 | 8.94E-05 | -0.49118 | 0.002022 |
| 1070 UPF3B | 0.596236 | 9.85E-05 | -0.40703 | 0.012412 |
| 1071 WWTR1 | 0.595494 | 0.000101 | -0.56232 | 0.000292 |
| 1072 LRPPRC | 0.595341 | 0.000102 | -0.41126 | 0.011448 |
| 1073 RPS27 | 0.595247 | 0.000102 | -0.56477 | 0.000271 |
| 1074 RPS6KA5 | 0.595002 | 0.000103 | -0.63604 | 2.33E-05 |
| 1075 PGAP1 | 0.593935 | 0.000106 | -0.43821 | 0.006673 |
| 1076 ADORA2A | 0.59238 | 0.000112 | -0.6836 | 3.11E-06 |
| 1077 FLJ14166 | 0.592365 | 0.000112 | -0.63486 | 2.44E-05 |
| 1078 LOC124751 | 0.592285 | 0.000113 | -0.45993 | 0.004182 |
| 1079 FLJ38964 | 0.591807 | 0.000114 | -0.63362 | 2.56E-05 |
| 1080 THBS4 | 0.590566 | 0.000119 | -0.51405 | 0.001136 |
| 1081 UCK1 | 0.590015 | 0.000121 | -0.50744 | 0.001347 |
| 1082 LOC653281 | 0.589898 | 0.000122 | -0.42463 | 0.008805 |
| 1083 GAS1 | 0.589494 | 0.000123 | -0.44711 | 0.00553 |
| 1084 C2ORF29 | 0.588882 | 0.000126 | -0.34117 | 0.038782 |
| 1085 CYCS | 0.587852 | 0.00013 | -0.43669 | 0.006887 |
| 1086 UBE2Q2 | 0.587178 | 0.000133 | -0.53982 | 0.000564 |
| 1087 SHPRH | 0.586195 | 0.000138 | -0.34614 | 0.035854 |
| 1088 ZNF560 | 0.586156 | 0.000138 | -0.49549 | 0.001819 |
| 1089 POLB | 0.585698 | 0.00014 | -0.66495 | 7.15E-06 |
| 1090 NOP5/NOP58 | 0.584254 | 0.000147 | -0.52766 | 0.00079 |
| 1091 CACNG7 | 0.583725 | 0.000149 | -0.43569 | 0.00703 |
| 1092 ZNF236 | 0.583707 | 0.000149 | -0.5406 | 0.000552 |
| 1093 SMARCD2 | 0.582629 | 0.000155 | -0.58944 | 0.000124 |
| 1094 TAF1 | 0.582305 | 0.000156 | -0.49106 | 0.002028 |
| 1095 HIST1H2BH | 0.582037 | 0.000158 | -0.634 | 2.52E-05 |
| 1096 GALT | 0.58184 | 0.000159 | -0.47109 | 0.003252 |
| 1097 ZNF34 | 0.581305 | 0.000161 | -0.65611 | 1.04E-05 |
| 1098 MGC10471 | 0.580876 | 0.000164 | -0.41106 | 0.011491 |
| 1099 CCDC47 | 0.58081 | 0.000164 | -0.53787 | 0.000596 |
| 1100 DOCK1 | 0.58075 | 0.000164 | -0.58143 | 0.000161 |
| 1101 HIST1H4C | 0.580679 | 0.000165 | -0.47972 | 0.00266 |
| 1102 FLCN | 0.580587 | 0.000165 | -0.63604 | 2.33E-05 |
| 1103 ARHGAP4 | 0.580119 | 0.000168 | -0.4601 | 0.004167 |
| 1104 SMPDL3A | 0.579265 | 0.000172 | -0.36481 | 0.026418 |
| 1105 SFPQ | 0.578163 | 0.000178 | -0.59675 | 9.68E-05 |
| 1106 RPL27A | 0.575564 | 0.000194 | -0.419 | 0.009846 |
| 1107 GNB4 | 0.57532 | 0.000195 | -0.56005 | 0.000313 |
| 1108 FLJ30655 | 0.575284 | 0.000196 | -0.5417 | 0.000535 |
| 1109 PRR3 | 0.574661 | 0.000199 | -0.42423 | 0.008875 |
| 1110 FBXL12 | 0.5745 | 0.0002 | -0.56427 | 0.000275 |
| 1111 IFT81 | 0.57402 | 0.000203 | -0.36891 | 0.024648 |
| 1112 XPO4 | 0.57359 | 0.000206 | -0.48986 | 0.002088 |
| 1113 RPL5 | 0.573494 | 0.000207 | -0.3282 | 0.047346 |
| 1114 PSPC1 | 0.573401 | 0.000207 | -0.47825 | 0.002754 |
| 1115 KIAA1576 | 0.57227 | 0.000215 | -0.68693 | 2.66E-06 |
| 1116 HCN3 | 0.571684 | 0.000219 | -0.58062 | 0.000165 |
| 1117 C14ORF2 | 0.571127 | 0.000223 | -0.53547 | 0.000637 |
| 1118 RAD50 | 0.570221 | 0.000229 | -0.42664 | 0.008457 |
| 1119 FZR1 | 0.570069 | 0.00023 | -0.57141 | 0.000221 |
| 1120 C9ORF64 | 0.569331 | 0.000236 | -0.48179 | 0.002534 |
| 1121 MAP3K14 | 0.569167 | 0.000237 | -0.66126 | 8.37E-06 |
| 1122 ATP8B2 | 0.568751 | 0.00024 | -0.36102 | 0.028147 |
| 1123 DDX31 | 0.568656 | 0.000241 | -0.51422 | 0.001131 |
| 1124 WASF1 | 0.568503 | 0.000242 | -0.43794 | 0.006711 |
| 1125 CARD11 | 0.567968 | 0.000246 | -0.53466 | 0.000652 |
| 1126 ITM2C | 0.567321 | 0.000251 | -0.50387 | 0.001476 |
| 1127 ZBTB26 | 0.567184 | 0.000252 | -0.5833 | 0.000151 |
| 1128 LBX2 | 0.566676 | 0.000256 | -0.66606 | 6.81E-06 |
| 1129 SNTB1 | 0.566032 | 0.000261 | -0.42282 | 0.009129 |
| 1130 RPL30 | 0.565172 | 0.000268 | -0.53386 | 0.000667 |
| 1131 ZFYVE1 | 0.564897 | 0.00027 | -0.44419 | 0.005885 |
| 1132 LDLRAD3 | 0.564475 | 0.000274 | -0.34736 | 0.035165 |
| 1133 HIST1H3H | 0.564464 | 0.000274 | -0.52887 | 0.000765 |
| 1134 TMTC2 | 0.562225 | 0.000293 | -0.4013 | 0.013829 |
| 1135 RNF168 | 0.56212 | 0.000294 | -0.45505 | 0.004658 |
| 1136 CAST1 | 0.561629 | 0.000298 | -0.44253 | 0.006096 |
| 1137 LOC390637 | 0.561136 | 0.000303 | -0.35793 | 0.029624 |
| 1138 SNRPD3 | 0.560564 | 0.000308 | -0.3735 | 0.022786 |
| 1139 RCOR3 | 0.558712 | 0.000326 | -0.34923 | 0.034125 |
| 1140 PTPN18 | 0.558628 | 0.000326 | -0.43076 | 0.00778 |
| 1141 PCNX | 0.558369 | 0.000329 | -0.4486 | 0.005356 |
| 1142 DENND4C | 0.5578 | 0.000335 | -0.57389 | 0.000204 |
| 1143 HIST1H2BG | 0.557716 | 0.000335 | -0.5089 | 0.001298 |
| 1144 AHRR | 0.557592 | 0.000337 | -0.62595 | 3.42E-05 |
| 1145 CNTN6 | 0.557344 | 0.000339 | -0.526 | 0.000827 |
| 1146 FAM48A | 0.556495 | 0.000348 | -0.45745 | 0.004419 |
| 1147 RPS15A | 0.556488 | 0.000348 | -0.37295 | 0.023001 |
| 1148 HGF | 0.556105 | 0.000352 | -0.55077 | 0.000412 |
| 1149 PHB2 | 0.555019 | 0.000363 | -0.48131 | 0.002562 |
| 1150 SOS2 | 0.554497 | 0.000369 | -0.56426 | 0.000275 |
| 1151 GSTO2 | 0.55376 | 0.000377 | -0.62221 | 3.93E-05 |
| 1152 GPIAP1 | 0.553515 | 0.00038 | -0.35502 | 0.031069 |
| 1153 FAM76B | 0.553476 | 0.00038 | -0.49415 | 0.00188 |
| 1154 NLGN2 | 0.552996 | 0.000386 | -0.54879 | 0.000436 |
| 1155 CENPO | 0.552908 | 0.000387 | -0.50372 | 0.001481 |
| 1156 G1P3 | 0.55286 | 0.000387 | -0.42669 | 0.008448 |
| 1157 TRAFD1 | 0.552325 | 0.000394 | -0.53459 | 0.000653 |
| 1158 FLJ30834 | 0.55198 | 0.000398 | -0.43425 | 0.007243 |
| 1159 GPC2 | 0.551005 | 0.000409 | -0.5299 | 0.000744 |
| 1160 ZNF212 | 0.54962 | 0.000426 | -0.42434 | 0.008857 |
| 1161 HTRA3 | 0.548894 | 0.000435 | -0.52746 | 0.000795 |
| 1162 KIAA1961 | 0.548551 | 0.000439 | -0.5856 | 0.00014 |
| 1163 TBC1D5 | 0.548054 | 0.000446 | -0.61855 | 4.50E-05 |
| 1164 ACADSB | 0.547455 | 0.000454 | -0.37053 | 0.023975 |
| 1165 MGC10911 | 0.546547 | 0.000466 | -0.41007 | 0.011713 |
| 1166 NVL | 0.545935 | 0.000474 | -0.36665 | 0.025612 |
| 1167 CDC42SE1 | 0.544384 | 0.000496 | -0.61744 | 4.68E-05 |
| 1168 ESPL1 | 0.542737 | 0.000519 | -0.3918 | 0.016476 |
| 1169 CHRNA10 | 0.542108 | 0.000529 | -0.5897 | 0.000123 |
| 1170 LIX1L | 0.541409 | 0.000539 | -0.52775 | 0.000788 |
| 1171 KIAA1875 | 0.540902 | 0.000547 | -0.37365 | 0.022725 |
| 1172 SSH2 | 0.540808 | 0.000549 | -0.45192 | 0.004987 |
| 1173 SLC24A4 | 0.539225 | 0.000574 | -0.49105 | 0.002028 |
| 1174 REXO4 | 0.539165 | 0.000575 | -0.41436 | 0.010782 |
| 1175 EPR1 | 0.538592 | 0.000584 | -0.48707 | 0.002233 |
| 1176 ERH | 0.538412 | 0.000587 | -0.53152 | 0.000711 |
| 1177 DSEL | 0.538343 | 0.000588 | -0.46731 | 0.003544 |
| 1178 IFIT5 | 0.538245 | 0.00059 | -0.48468 | 0.002366 |
| 1179 SSH1 | 0.538118 | 0.000592 | -0.46499 | 0.003735 |
| 1180 WDR5 | 0.537914 | 0.000595 | -0.61697 | 4.76E-05 |
| 1181 MASK-BP3 | 0.536962 | 0.000611 | -0.50472 | 0.001444 |
| 1182 RPS16 | 0.536088 | 0.000627 | -0.39153 | 0.016557 |
| 1183 ZBTB39 | 0.53302 | 0.000682 | -0.40969 | 0.011797 |
| 1184 MTG1 | 0.532442 | 0.000693 | -0.38771 | 0.017741 |
| 1185 ZNF713 | 0.531258 | 0.000716 | -0.4645 | 0.003776 |
| 1186 DHX8 | 0.529749 | 0.000747 | -0.59656 | 9.74E-05 |
| 1187 GTF2IRD2P | 0.528564 | 0.000771 | -0.41137 | 0.011424 |
| 1188 ADAM8 | 0.528338 | 0.000776 | -0.58818 | 0.000129 |
| 1189 ZSCAN5 | 0.528204 | 0.000779 | -0.4013 | 0.013828 |
| 1190 RNF2 | 0.527895 | 0.000785 | -0.49436 | 0.00187 |
| 1191 HSDL2 | 0.527606 | 0.000792 | -0.59924 | 8.90E-05 |
| 1192 RCC1 | 0.527085 | 0.000803 | -0.55012 | 0.00042 |
| 1193 FGFR1OP | 0.526727 | 0.000811 | -0.44162 | 0.006214 |
| 1194 ZNF184 | 0.526346 | 0.000819 | -0.39189 | 0.016448 |
| 1195 RHOBTB1 | 0.526308 | 0.00082 | -0.49887 | 0.001673 |
| 1196 ADRA1B | 0.524557 | 0.00086 | -0.51083 | 0.001235 |
| 1197 HIST1H2AM | 0.523893 | 0.000875 | -0.53869 | 0.000583 |
| 1198 GNB2L1 | 0.523267 | 0.00089 | -0.44162 | 0.006212 |
| 1199 RHBDL3 | 0.522321 | 0.000913 | -0.51792 | 0.001026 |
| 1200 NOL9 | 0.520481 | 0.000959 | -0.44082 | 0.006319 |
| 1201 PRPF40B | 0.519824 | 0.000976 | -0.55832 | 0.000329 |
| 1202 SEMA4C | 0.519734 | 0.000978 | -0.46411 | 0.00381 |
| 1203 STARD8 | 0.519666 | 0.00098 | -0.47452 | 0.003004 |
| 1204 PLA2G6 | 0.519164 | 0.000993 | -0.42203 | 0.009274 |
| 1205 FOXK2 | 0.518984 | 0.000998 | -0.35605 | 0.030551 |
| 1206 CDK5RAP1 | 0.516865 | 0.001055 | -0.51728 | 0.001044 |
| 1207 FAM72A | 0.515117 | 0.001105 | -0.40221 | 0.013595 |
| 1208 FOXI1 | 0.513407 | 0.001155 | -0.40935 | 0.011876 |
| 1209 KLK6 | 0.512827 | 0.001173 | -0.50668 | 0.001374 |
| 1210 ARHGEF9 | 0.51236 | 0.001187 | -0.3596 | 0.028818 |
| 1211 C5ORF13 | 0.511919 | 0.001201 | -0.41663 | 0.010314 |
| 1212 LOC284194 | 0.510922 | 0.001232 | -0.46983 | 0.003347 |
| 1213 KCNS1 | 0.509864 | 0.001266 | -0.43037 | 0.007841 |
| 1214 PUM2 | 0.506801 | 0.00137 | -0.44049 | 0.006362 |
| 1215 March 6 | 0.506401 | 0.001384 | -0.40813 | 0.012155 |
| 1216 KIAA0553 | 0.506187 | 0.001391 | -0.43604 | 0.00698 |
| 1217 ZNF740 | 0.501632 | 0.001561 | -0.3918 | 0.016477 |
| 1218 RABGAP1 | 0.499911 | 0.00163 | -0.44841 | 0.005379 |
| 1219 SLIT1 | 0.498461 | 0.00169 | -0.41424 | 0.010805 |
| 1220 LOC643057 | 0.497398 | 0.001735 | -0.38666 | 0.018078 |
| 1221 HTN3 | 0.49649 | 0.001775 | -0.33404 | 0.043318 |
| 1222 WISP2 | 0.4953 | 0.001828 | -0.4586 | 0.004308 |
| 1223 STOM | 0.494367 | 0.00187 | -0.5214 | 0.000936 |
| 1224 DKC1 | 0.49428 | 0.001874 | -0.46414 | 0.003807 |
| 1225 UBB | 0.493658 | 0.001903 | -0.34344 | 0.037421 |
| 1226 GNAI1 | 0.492611 | 0.001953 | -0.37412 | 0.022543 |
| 1227 JMY | 0.490379 | 0.002062 | -0.52247 | 0.000909 |
| 1228 PPP2R2D | 0.489481 | 0.002107 | -0.40297 | 0.013401 |
| 1229 LLGL1 | 0.487337 | 0.002219 | -0.5181 | 0.001021 |
| 1230 FLJ25102 | 0.485905 | 0.002297 | -0.44668 | 0.005581 |
| 1231 DNAH1 | 0.484373 | 0.002383 | -0.37488 | 0.022248 |
| 1232 LNPEP | 0.483701 | 0.002421 | -0.50729 | 0.001353 |
| 1233 CEP57 | 0.482993 | 0.002462 | -0.32595 | 0.048984 |
| 1234 RPL37 | 0.48242 | 0.002496 | -0.35805 | 0.029564 |
| 1235 PRPF38A | 0.481221 | 0.002568 | -0.47746 | 0.002805 |
| 1236 GLUL | 0.479338 | 0.002685 | -0.38587 | 0.018336 |
| 1237 GABRE | 0.477589 | 0.002797 | -0.3581 | 0.029539 |
| 1238 SSTR3 | 0.47707 | 0.002831 | -0.51179 | 0.001205 |
| 1239 OR1J1 | 0.476757 | 0.002852 | -0.35846 | 0.029363 |
| 1240 SAMD11 | 0.476409 | 0.002875 | -0.37366 | 0.022722 |
| 1241 NFKBIL1 | 0.475512 | 0.002936 | -0.50053 | 0.001605 |
| 1242 MECP2 | 0.475101 | 0.002964 | -0.41516 | 0.010615 |
| 1243 SLC27A6 | 0.475022 | 0.002969 | -0.35557 | 0.030791 |
| 1244 KIF13A | 0.473277 | 0.003092 | -0.59208 | 0.000113 |
| 1245 RPS11 | 0.473053 | 0.003108 | -0.42018 | 0.00962 |
| 1246 THRAP6 | 0.472048 | 0.003181 | -0.38601 | 0.018291 |
| 1247 FLJ20323 | 0.471833 | 0.003196 | -0.33324 | 0.043857 |
| 1248 OR5D16 | 0.471653 | 0.00321 | -0.35221 | 0.032522 |
| 1249 LOC389458 0.469435 | 0.003377 | -0.41221 | 0.011239 |
| 1250 C9ORF90 0.46698 | 0.003571 | -0.54449 | 0.000494 |
| 1251 CTNNBL1 0.465215 | 0.003716 | -0.45268 | 0.004905 |
| 1252 BTNL9 0.46508 | 0.003728 | -0.50027 | 0.001616 |
| 1253 MC1R 0.464166 | 0.003805 | -0.40974 | 0.011786 |
| 1254 ZNF320 0.463866 | 0.003831 | -0.37014 | 0.024136 |
| 1255 ZNF571 0.46371 | 0.003844 | -0.34351 | 0.03738 |
| 1256 DKFZP667G2110 0.462769 | 0.003926 | -0.37043 | 0.024019 |
| 1257 MPND | 0.459581 | 0.004215 | -0.40103 | 0.013897 |
| 1258 BRI3BP | 0.458959 | 0.004274 | -0.39594 | 0.015273 |
| 1259 LOC440686 | 0.458598 | 0.004308 | -0.49688 | 0.001758 |
| 1260 E2F4 | 0.455087 | 0.004654 | -0.50675 | 0.001372 |
| 1261 EMR2 | 0.4549 | 0.004673 | -0.32695 | 0.048253 |
| 1262 DSCR1 | 0.452761 | 0.004896 | -0.34412 | 0.03702 |
| 1263 MARK3 | 0.452065 | 0.004971 | -0.38882 | 0.017391 |
| 1264 TOB2 | 0.451993 | 0.004978 | -0.40667 | 0.012498 |
| 1265 PMP22CD | 0.449918 | 0.005207 | -0.33607 | 0.041989 |
| 1266 NPAS3 | 0.44975 | 0.005226 | -0.50693 | 0.001365 |
| 1267 SMAF1 | 0.448975 | 0.005313 | -0.41417 | 0.010821 |
| 1268 THEM4 | 0.446547 | 0.005597 | -0.44076 | 0.006326 |
| 1269 PET112L | 0.446385 | 0.005617 | -0.36206 | 0.027662 |
| 1270 ZNF673 | 0.443974 | 0.005912 | -0.3805 | 0.020169 |
| 1271 LY6G5C | 0.442159 | 0.006143 | -0.50059 | 0.001603 |
| 1272 NCK2 | 0.44195 | 0.00617 | -0.33953 | 0.039792 |
| 1273 C1ORF91 | 0.435476 | 0.007062 | -0.37667 | 0.021566 |
| 1274 SAV1 | 0.431585 | 0.00765 | -0.49793 | 0.001713 |
| 1275 PLA2G12B | 0.429075 | 0.008051 | -0.41081 | 0.011547 |
| 1276 RFX3 | 0.428128 | 0.008206 | -0.49038 | 0.002062 |
| 1277 KIAA0082 | 0.426849 | 0.008421 | -0.43432 | 0.007232 |
| 1278 ACAT2 | 0.426248 | 0.008524 | -0.4534 | 0.004828 |
| 1279 SERHL | 0.42608 | 0.008552 | -0.35932 | 0.028948 |
| 1280 C22ORF15 | 0.425844 | 0.008593 | -0.32802 | 0.047481 |
| 1281 NFASC | 0.42226 | 0.009231 | -0.32968 | 0.046304 |
| 1282 KIAA1285 | 0.422084 | 0.009263 | -0.3329 | 0.044082 |
| 1283 CCDC28A | 0.419604 | 0.009729 | -0.35398 | 0.031604 |
| 1284 UCN3 | 0.416446 | 0.010352 | -0.3699 | 0.024237 |
| 1285 SLAMF9 | 0.412169 | 0.011248 | -0.40606 | 0.012642 |
| 1286 FLJ13910 | 0.411159 | 0.01147 | -0.42685 | 0.008421 |
| 1287 ANKS1A | 0.405072 | 0.012882 | -0.37394 | 0.022612 |
| 1288 PHYHIP | 0.404938 | 0.012914 | -0.34496 | 0.036529 |
| 1289 RYR2 | 0.403186 | 0.013348 | -0.33216 | 0.044583 |
| 1290 POM121 | 0.394526 | 0.015676 | -0.34852 | 0.034514 |
| 1291 PCDHA2 | 0.394507 | 0.015682 | -0.34414 | 0.03701 |
| 1292 NOVA1 | 0.392562 | 0.016249 | -0.32936 | 0.046527 |
| 1293 DNM1L | 0.392554 | 0.016252 | -0.32642 | 0.048638 |
| 1294 METTL9 | 0.388306 | 0.017552 | -0.3584 | 0.029395 |
| 1295 COL23A1 | 0.385355 | 0.018505 | -0.33724 | 0.041233 |
| 1296 KIF27 | 0.384821 | 0.018682 | -0.40064 | 0.013999 |
| 1297 LOC388524 | 0.381044 | 0.019976 | -0.37328 | 0.022869 |
| 1298 TRIM59 | 0.378691 | 0.020819 | -0.35228 | 0.032488 |
| 1299 COPG2 | 0.378383 | 0.020931 | -0.45194 | 0.004984 |
| 1300 ZNF195 | 0.3761 | 0.021781 | -0.38226 | 0.019551 |
| 1301 RELN | 0.37422 | 0.022503 | -0.32934 | 0.046538 |
| 1302 MRPS18A | 0.373458 | 0.0228 | -0.34087 | 0.038967 |
| 1303 PCDHGB7 | 0.371369 | 0.023634 | -0.40891 | 0.011974 |
| 1304 GCDH | 0.370296 | 0.024072 | -0.41382 | 0.010895 |
| 1305 PTGER1 | 0.363662 | 0.026931 | -0.39469 | 0.01563 |
| 1306 PCSK4 | 0.358895 | 0.029154 | -0.35282 | 0.032202 |
| 1307 BRD4 | 0.356304 | 0.030424 | -0.36264 | 0.027394 |
| 1308 C20ORF14 | 0.344371 | 0.036875 | -0.37601 | 0.021815 |
| 1309 LOC161247 | 0.344269 | 0.036934 | -0.33765 | 0.040973 |
| 1310 RPL38 | 0.340543 | 0.039165 | -0.37592 | 0.021851 |
| 1311 POU2AF1 | 0.328788 | 0.046931 | -0.35121 | 0.033053 |