## Sheet1
| Table S3: EWAS Results for Genes Previously Implicated in Aggression by Human DNA MethylationStudies | Unnamed: 1 | Unnamed: 2 | Unnamed: 3 | Unnamed: 4 | Unnamed: 5 | Unnamed: 6 |
| --- | --- | --- | --- | --- | --- | --- |
| The table is sorted based on EWAS p-value. Genes previously associated with aggression were obtained from Checknita et al. 2015 (MAOA), Wang et al (SLC6A4), Provencal et al 2013 (IL6, IL1A, IL8, IL4, IL10, NFKB1, NFAT5) and Guillemin et al. 2014 (Genes significant in men and women, table 3: AGTR1, AMICA1, ANKRD50, ASPH, ATP2B2, CSHL1, DTNA, GPR84, IL1RN, LTBP1, MGP, NDUFS2, NXF5, PCDH8, PCDHB2, PCDHB8, PITPNM2, PLAC1L, PPARG, SCN11A, TGIF1, UBN1, UCK2, USP44, ZNF366) | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| CpG site | Chr | Position (hg19) | (Nearest) Gene Name | Estimate | Robust SE | P-value |
| cg14260773 | chr2 | 33226136 | LTBP1 | 0.001349 | 0.000402 | 0.000801 |
| cg11326793 | chr13 | 53499096 | PCDH8 | -0.000464 | 0.000147 | 0.0016 |
| cg03036064 | chr1 | 165797085 | UCK2 | -0.000225 | 0.000072 | 0.001899 |
| cg25368824 | chr5 | 132009352 | IL4 | -0.000402 | 0.000142 | 0.004486 |
| cg06874218 | chr18 | 3447454 | TGIF1 | 0.000725 | 0.000262 | 0.00567 |
| cg16663497 | chr5 | 140472925 | PCDHB2 | 0.000986 | 0.000363 | 0.006687 |
| cg00063945 | chr18 | 3450342 | TGIF1 | 0.000177 | 0.000065 | 0.006846 |
| cg05710753 | chr3 | 148415443 | AGTR1 | -0.000503 | 0.000192 | 0.00888 |
| cg08545169 | chr1 | 161169143 | NDUFS2 | -0.000243 | 0.000094 | 0.0095 |
| cg25364652 | chr5 | 71717626 | ZNF366 | 0.000281 | 0.000109 | 0.010055 |
| cg01063813 | chr12 | 57504948 | STAT6 | 0.00042 | 0.000164 | 0.010574 |
| cg07238699 | chr5 | 71929673 | ZNF366 | 0.000238 | 0.000094 | 0.011158 |
| cg16336556 | chr2 | 33295138 | LTBP1 | 0.000388 | 0.000153 | 0.011334 |
| cg01382137 | chr13 | 53423078 | PCDH8 | 0.000361 | 0.000144 | 0.012157 |
| cg04000205 | chr18 | 3450626 | TGIF1 | -0.000153 | 0.000062 | 0.013024 |
| cg23500924 | chr5 | 140465235 | PCDHB2 | 0.001267 | 0.000511 | 0.013103 |
| cg18861140 | chr18 | 3449789 | TGIF1 | 0.000415 | 0.000168 | 0.013694 |
| cg10635149 | chr3 | 10670704 | ATP2B2 | 0.000209 | 0.000085 | 0.014044 |
| cg14065857 | chr2 | 33436054 | LTBP1 | 0.000844 | 0.000348 | 0.015168 |
| cg04729594 | chr2 | 33172444 | LTBP1 | -0.000255 | 0.000106 | 0.015823 |
| cg05443523 | chrX | 43515213 | MAOA | 0.000774 | 0.000321 | 0.015995 |
| cg06844930 | chr4 | 125633631 | ANKRD50 | 0.000362 | 0.000154 | 0.018928 |
| cg14191108 | chrX | 43515457 | MAOA | 0.000442 | 0.000191 | 0.020686 |
| cg14382215 | chr1 | 161169007 | NDUFS2 | -0.000279 | 0.000121 | 0.02104 |
| cg13764828 | chr3 | 10547555 | ATP2B2 | 0.000286 | 0.000126 | 0.022904 |
| cg12115190 | chr3 | 10437269 | ATP2B2 | 0.000377 | 0.000168 | 0.024565 |
| cg23731687 | chr12 | 57522122 | STAT6 | 0.00011 | 0.000049 | 0.02632 |
| cg18637761 | chr12 | 123468780 | PITPNM2 | -0.000393 | 0.000179 | 0.027556 |
| cg27320213 | chr12 | 57504988 | STAT6 | -0.000123 | 0.000056 | 0.028975 |
| cg00317648 | chr4 | 125633640 | ANKRD50 | -0.000296 | 0.000137 | 0.030723 |
| cg21930487 | chr1 | 161172049 | NDUFS2 | -0.000118 | 0.000056 | 0.033639 |
| cg03961580 | chr8 | 62589300 | ASPH | -0.000182 | 0.000086 | 0.033987 |
| cg22802813 | chr12 | 95942761 | USP44 | 0.000388 | 0.000183 | 0.034291 |
| cg15868235 | chr3 | 12486114 | PPARG | 0.000524 | 0.000248 | 0.034341 |
| cg11246580 | chr5 | 71795159 | ZNF366 | 0.000291 | 0.000139 | 0.036346 |
| cg04748988 | chr3 | 12329223 | PPARG | 0.000111 | 0.000053 | 0.036498 |
| cg18275512 | chr3 | 10479218 | ATP2B2 | 0.000533 | 0.000256 | 0.037469 |
| cg14392843 | chr2 | 33428629 | LTBP1 | 0.000179 | 0.000088 | 0.041222 |
| cg10649458 | chrX | 43512216 | MAOA | 0.000338 | 0.000168 | 0.043922 |
| cg23943829 | chr5 | 132009111 | IL4 | -0.000192 | 0.000096 | 0.044557 |
| cg11783497 | chr2 | 113875292 | IL1RN | 0.000228 | 0.000114 | 0.045346 |
| cg21139003 | chr2 | 33173301 | LTBP1 | -0.000279 | 0.00014 | 0.045594 |
| cg26346797 | chr3 | 12326068 | PPARG | 0.000308 | 0.000155 | 0.046859 |
| cg23230910 | chr3 | 10436325 | ATP2B2 | 0.000183 | 0.000093 | 0.048192 |
| cg15254736 | chr3 | 10436496 | ATP2B2 | 0.000181 | 0.000092 | 0.048888 |
| cg22538054 | chr12 | 95941988 | USP44 | 0.000236 | 0.00012 | 0.049892 |
| cg06531661 | chr12 | 57522120 | STAT6 | 0.000133 | 0.000068 | 0.050014 |
| cg00033220 | chr18 | 3451606 | TGIF1 | 0.000142 | 0.000073 | 0.050251 |
| cg18537222 | chr3 | 12435731 | PPARG | -0.000598 | 0.000306 | 0.050957 |
| cg03703171 | chr2 | 113875226 | IL1RN | -0.000157 | 0.000081 | 0.05225 |
| cg09277749 | chr1 | 165826270 | UCK2 | 0.00062 | 0.000322 | 0.054345 |
| cg01958256 | chr5 | 71731780 | ZNF366 | 0.000218 | 0.000114 | 0.055221 |
| cg08289323 | chr8 | 62588462 | ASPH | 0.000196 | 0.000104 | 0.060052 |
| cg20039073 | chr13 | 53510197 | PCDH8 | 0.000418 | 0.000223 | 0.06156 |
| cg06080169 | chr3 | 38991907 | SCN11A | 0.000216 | 0.000116 | 0.062578 |
| cg05192452 | chr5 | 71852759 | ZNF366 | 0.0005 | 0.000269 | 0.063078 |
| cg25801622 | chr12 | 123596413 | PITPNM2 | 0.000354 | 0.000192 | 0.065424 |
| cg21457856 | chr3 | 148367697 | AGTR1 | 0.000209 | 0.000114 | 0.066221 |
| cg21846949 | chr2 | 33500889 | LTBP1 | 0.000207 | 0.000113 | 0.066523 |
| cg22775801 | chr12 | 123636480 | PITPNM2 | -0.000326 | 0.000178 | 0.067179 |
| cg03464689 | chr4 | 103422429 | NFKB1 | -0.000227 | 0.000126 | 0.070543 |
| cg24691167 | chr3 | 10749371 | ATP2B2 | 0.000703 | 0.00039 | 0.071 |
| cg27083787 | chr2 | 113543245 | IL1A | 0.000136 | 0.000076 | 0.072638 |
| cg08804013 | chr16 | 69600791 | NFAT5 | -0.000112 | 0.000063 | 0.074011 |
| cg01814186 | chr16 | 69600788 | NFAT5 | -0.00011 | 0.000061 | 0.074307 |
| cg09811599 | chr3 | 39035756 | SCN11A | -0.000204 | 0.000115 | 0.076044 |
| cg23041410 | chr2 | 113884447 | IL1RN | 0.000185 | 0.000104 | 0.076997 |
| cg03850426 | chr13 | 53422860 | PCDH8 | 0.000162 | 0.000092 | 0.077797 |
| cg09841889 | chr2 | 113552033 | IL1A | -0.000471 | 0.000268 | 0.078544 |
| cg03317455 | chrX | 43514740 | MAOA | 0.000305 | 0.000174 | 0.080428 |
| cg08818866 | chr2 | 33415906 | LTBP1 | -0.000185 | 0.000106 | 0.080602 |
| cg15096505 | chr1 | 206943566 | IL10 | 0.000241 | 0.000138 | 0.081951 |
| cg05128992 | chr18 | 3450160 | TGIF1 | 0.000113 | 0.000065 | 0.083597 |
| cg14352032 | chr17 | 28564834 | SLC6A4 | -0.000404 | 0.000234 | 0.084237 |
| cg11905892 | chr5 | 71756472 | ZNF366 | -0.000194 | 0.000113 | 0.085953 |
| cg07676920 | chr3 | 12447615 | PPARG | 0.000257 | 0.00015 | 0.086619 |
| cg27044622 | chr1 | 165797387 | UCK2 | 0.000142 | 0.000083 | 0.089259 |
| cg14640525 | chr3 | 38876856 | SCN11A | -0.000149 | 0.000088 | 0.08932 |
| cg12667792 | chr5 | 71774656 | ZNF366 | 0.000185 | 0.000109 | 0.090585 |
| cg07847863 | chr13 | 53419963 | PCDH8 | 0.000365 | 0.000217 | 0.092281 |
| cg07546262 | chr12 | 54753490 | GPR84 | -0.000165 | 0.000099 | 0.095113 |
| cg24552844 | chr11 | 118085281 | AMICA1 | -0.000328 | 0.000198 | 0.096657 |
| cg04619120 | chr8 | 62520228 | ASPH | 0.000303 | 0.000186 | 0.102205 |
| cg18145937 | chr5 | 132010740 | IL4 | 0.000161 | 0.0001 | 0.10669 |
| cg04710768 | chr5 | 71803282 | ZNF366 | -0.000281 | 0.000175 | 0.107846 |
| cg22763718 | chr13 | 53422780 | PCDH8 | 0.000211 | 0.000132 | 0.109435 |
| cg27079446 | chr18 | 3449844 | TGIF1 | 0.00019 | 0.000119 | 0.109745 |
| cg27127814 | chr13 | 53425257 | PCDH8 | -0.000148 | 0.000093 | 0.110583 |
| cg22827324 | chr2 | 33612876 | LTBP1 | -0.000182 | 0.000114 | 0.110715 |
| cg00839584 | chr2 | 113542091 | IL1A | 0.000474 | 0.000297 | 0.110786 |
| cg09482816 | chr12 | 57521668 | STAT6 | 0.000063 | 0.000039 | 0.112577 |
| cg03906115 | chr2 | 33359529 | LTBP1 | -0.000434 | 0.000274 | 0.113428 |
| cg03848267 | chr12 | 57506361 | STAT6 | 0.000081 | 0.000051 | 0.113895 |
| cg16389456 | chr12 | 123636548 | PITPNM2 | -0.000261 | 0.000165 | 0.114229 |
| cg17983957 | chr11 | 118083938 | AMICA1 | -0.000242 | 0.000153 | 0.114561 |
| cg09124190 | chr18 | 3448419 | TGIF1 | -0.000113 | 0.000072 | 0.11502 |
| cg22884924 | chr4 | 125660016 | ANKRD50 | 0.000215 | 0.000137 | 0.115141 |
| cg26741576 | chrX | 43513914 | MAOA | 0.000357 | 0.000227 | 0.115773 |
| cg02060846 | chr16 | 4916841 | UBN1 | -0.000117 | 0.000074 | 0.116134 |
| cg24182329 | chr18 | 32334456 | DTNA | -0.000142 | 0.000091 | 0.116264 |
| cg07438288 | chr3 | 10547187 | ATP2B2 | 0.000155 | 0.000099 | 0.118002 |
| cg11289281 | chr16 | 4897921 | UBN1 | -0.000187 | 0.00012 | 0.119132 |
| cg23462788 | chr3 | 38941491 | SCN11A | -0.000153 | 0.0001 | 0.124939 |
| cg07536502 | chr5 | 71852464 | ZNF366 | 0.000406 | 0.000266 | 0.127881 |
| cg15037004 | chr5 | 71803938 | ZNF366 | -0.000327 | 0.000215 | 0.128476 |
| cg00754103 | chr1 | 165910821 | UCK2 | -0.000114 | 0.000075 | 0.128972 |
| cg19409172 | chr4 | 125632747 | ANKRD50 | -0.000351 | 0.000232 | 0.131214 |
| cg05132828 | chr12 | 123560479 | PITPNM2 | 0.000229 | 0.000153 | 0.133819 |
| cg14661148 | chr5 | 71852862 | ZNF366 | 0.000438 | 0.000294 | 0.136059 |
| cg17985281 | chr16 | 69600441 | NFAT5 | 0.000106 | 0.000072 | 0.139582 |
| cg06246843 | chr18 | 32074424 | DTNA | 0.000225 | 0.000152 | 0.14042 |
| cg21504961 | chr3 | 10547537 | ATP2B2 | 0.000146 | 0.000099 | 0.140906 |
| cg11872970 | chr4 | 125571757 | ANKRD50 | -0.000083 | 0.000056 | 0.142733 |
| cg03989987 | chr2 | 113885277 | IL1RN | -0.00024 | 0.000164 | 0.143741 |
| cg06057528 | chr5 | 71757960 | ZNF366 | 0.000168 | 0.000115 | 0.145238 |
| cg06619076 | chr8 | 62627042 | ASPH | -0.000124 | 0.000085 | 0.147647 |
| cg23969338 | chr5 | 140474005 | PCDHB2 | 0.000631 | 0.000437 | 0.148604 |
| cg01097696 | chr13 | 53426032 | PCDH8 | -0.000159 | 0.00011 | 0.148831 |
| cg08136772 | chr13 | 53420933 | PCDH8 | 0.000398 | 0.000277 | 0.150322 |
| cg25789721 | chr3 | 10370264 | ATP2B2 | 0.000466 | 0.000325 | 0.151364 |
| cg16275967 | chr1 | 161172255 | NDUFS2 | -0.000122 | 0.000085 | 0.152266 |
| cg11182018 | chr5 | 140474062 | PCDHB2 | -0.000585 | 0.00041 | 0.153601 |
| cg01687878 | chr12 | 123616817 | PITPNM2 | 0.000244 | 0.000172 | 0.155492 |
| cg15439664 | chr4 | 125794684 | ANKRD50 | -0.00051 | 0.00036 | 0.156391 |
| cg00657287 | chr5 | 71755571 | ZNF366 | 0.000144 | 0.000102 | 0.156559 |
| cg23406451 | chr18 | 32171998 | DTNA | 0.000148 | 0.000105 | 0.157699 |
| cg10784866 | chr3 | 10378024 | ATP2B2 | 0.000108 | 0.000077 | 0.159587 |
| cg00885266 | chr16 | 4897918 | UBN1 | 0.000089 | 0.000063 | 0.160131 |
| cg04207166 | chr3 | 10546830 | ATP2B2 | 0.000312 | 0.000223 | 0.160407 |
| cg22227168 | chr18 | 32470044 | DTNA | 0.000125 | 0.000089 | 0.161036 |
| cg24946729 | chr18 | 32398024 | DTNA | 0.000323 | 0.000233 | 0.166102 |
| cg24279744 | chr3 | 10408402 | ATP2B2 | 0.000215 | 0.000155 | 0.166152 |
| cg14209399 | chr3 | 10370507 | ATP2B2 | 0.000392 | 0.000284 | 0.16742 |
| cg22584138 | chr17 | 28562220 | SLC6A4 | 0.000448 | 0.000324 | 0.167816 |
| cg26670552 | chr16 | 69600032 | NFAT5 | 0.000135 | 0.000099 | 0.170321 |
| cg22366618 | chrX | 43515377 | MAOA | 0.000349 | 0.000257 | 0.175033 |
| cg15703690 | chr7 | 22766992 | IL6 | -0.000205 | 0.000151 | 0.1756 |
| cg13751113 | chr11 | 118085214 | AMICA1 | -0.000298 | 0.000224 | 0.183166 |
| cg23099587 | chr4 | 74570525 | IL8 | 0.000206 | 0.000155 | 0.184466 |
| cg25929976 | chr3 | 12328656 | PPARG | -0.000372 | 0.000287 | 0.194329 |
| cg06957943 | chr11 | 118096372 | AMICA1 | 0.000091 | 0.00007 | 0.195717 |
| cg17297628 | chr2 | 33175761 | LTBP1 | 0.00011 | 0.000085 | 0.195729 |
| cg07118376 | chr8 | 62624872 | ASPH | -0.000372 | 0.000287 | 0.195979 |
| cg02488870 | chr3 | 10413861 | ATP2B2 | 0.000098 | 0.000076 | 0.195984 |
| cg03453449 | chr12 | 95945120 | USP44 | 0.000239 | 0.000185 | 0.196788 |
| cg17788031 | chrX | 43514189 | MAOA | 0.000287 | 0.000222 | 0.197184 |
| cg20121427 | chrX | 43514483 | MAOA | 0.000311 | 0.000243 | 0.200008 |
| cg05908960 | chr12 | 123472150 | PITPNM2 | -0.000107 | 0.000084 | 0.200686 |
| cg27380813 | chr3 | 10370704 | ATP2B2 | 0.000396 | 0.000311 | 0.202333 |
| cg15699085 | chr5 | 140457609 | PCDHB2 | -0.000453 | 0.000356 | 0.203718 |
| cg20592995 | chr17 | 28524160 | SLC6A4 | -0.000135 | 0.000107 | 0.207076 |
| cg17067005 | chr1 | 206945346 | IL10 | -0.00014 | 0.000111 | 0.207307 |
| cg23515686 | chr4 | 125638274 | ANKRD50 | 0.000165 | 0.000132 | 0.209024 |
| cg10318121 | chr1 | 161172291 | NDUFS2 | 0.00012 | 0.000096 | 0.210315 |
| cg02741291 | chr16 | 4901809 | UBN1 | 0.000259 | 0.000207 | 0.210765 |
| cg24880057 | chr4 | 103422246 | NFKB1 | 0.000081 | 0.000064 | 0.21158 |
| cg07252753 | chr3 | 10594951 | ATP2B2 | 0.000151 | 0.000121 | 0.21194 |
| cg13080749 | chr12 | 123483385 | PITPNM2 | 0.000089 | 0.000071 | 0.211968 |
| cg22082709 | chr3 | 148415516 | AGTR1 | -0.00016 | 0.000129 | 0.212184 |
| cg15243578 | chr12 | 123469284 | PITPNM2 | 0.000333 | 0.00027 | 0.216691 |
| cg00602115 | chr18 | 32398987 | DTNA | -0.000204 | 0.000166 | 0.217733 |
| cg23407561 | chr2 | 113544232 | IL1A | -0.000121 | 0.000098 | 0.219357 |
| cg24705741 | chr12 | 123635215 | PITPNM2 | -0.000065 | 0.000053 | 0.219666 |
| cg07376232 | chr11 | 118084920 | AMICA1 | -0.000257 | 0.00021 | 0.220396 |
| cg07926491 | chr12 | 57489971 | STAT6 | 0.000099 | 0.000081 | 0.221493 |
| cg06046705 | chr4 | 125634632 | ANKRD50 | -0.000134 | 0.000109 | 0.221713 |
| cg15655935 | chr11 | 59815177 | PLAC1L | 0.000243 | 0.000199 | 0.222079 |
| cg21457106 | chr4 | 125634258 | ANKRD50 | -0.000089 | 0.000073 | 0.224899 |
| cg05985881 | chr12 | 123472844 | PITPNM2 | -0.000107 | 0.000088 | 0.227914 |
| cg22498996 | chr3 | 148415624 | AGTR1 | 0.000111 | 0.000093 | 0.230414 |
| cg12545687 | chr13 | 53423262 | PCDH8 | 0.000266 | 0.000223 | 0.232719 |
| cg02313795 | chr2 | 113856266 | IL1RN | -0.000212 | 0.000178 | 0.235454 |
| cg25905215 | chr4 | 103537858 | NFKB1 | -0.00018 | 0.000152 | 0.236374 |
| cg23885005 | chr4 | 103520637 | NFKB1 | 0.000122 | 0.000103 | 0.237494 |
| cg00287312 | chr13 | 53420425 | PCDH8 | -0.000139 | 0.000118 | 0.238098 |
| cg07895576 | chr3 | 12442682 | PPARG | -0.000105 | 0.000089 | 0.238703 |
| cg22009464 | chr18 | 32173084 | DTNA | -0.000483 | 0.00041 | 0.239115 |
| cg07063171 | chr13 | 53429468 | PCDH8 | -0.000198 | 0.000169 | 0.242005 |
| cg01075763 | chr18 | 3449181 | TGIF1 | 0.000093 | 0.00008 | 0.243878 |
| cg26678313 | chr12 | 57521867 | STAT6 | -0.000073 | 0.000063 | 0.244729 |
| cg21351852 | chr12 | 54758973 | GPR84 | -0.000175 | 0.00015 | 0.245664 |
| cg00525503 | chr13 | 53425635 | PCDH8 | -0.000094 | 0.000081 | 0.246037 |
| cg17811874 | chr12 | 123485314 | PITPNM2 | -0.000091 | 0.000079 | 0.246377 |
| cg08802607 | chr3 | 10380471 | ATP2B2 | 0.000234 | 0.000202 | 0.247 |
| cg27360326 | chr13 | 53422691 | PCDH8 | 0.000149 | 0.000129 | 0.248425 |
| cg05689028 | chr11 | 118086808 | AMICA1 | 0.000124 | 0.000108 | 0.248878 |
| cg06003169 | chr4 | 103422460 | NFKB1 | -0.000077 | 0.000066 | 0.249315 |
| cg02454264 | chr16 | 4897716 | UBN1 | 0.00012 | 0.000104 | 0.250682 |
| cg07538204 | chr8 | 62612575 | ASPH | -0.000254 | 0.000222 | 0.251148 |
| cg21472737 | chr3 | 10377957 | ATP2B2 | -0.000115 | 0.000101 | 0.253798 |
| cg12210094 | chr2 | 33433039 | LTBP1 | 0.000201 | 0.000176 | 0.254079 |
| cg05260469 | chr8 | 62621327 | ASPH | -0.000221 | 0.000195 | 0.257542 |
| cg04632671 | chr3 | 12329826 | PPARG | 0.000068 | 0.00006 | 0.257597 |
| cg13893459 | chr8 | 62442151 | ASPH | -0.00016 | 0.000141 | 0.258103 |
| cg03084808 | chr16 | 69603300 | NFAT5 | -0.000221 | 0.000196 | 0.259349 |
| cg01175433 | chr3 | 10491709 | ATP2B2 | 0.000206 | 0.000183 | 0.260102 |
| cg25725890 | chr17 | 28563054 | SLC6A4 | -0.000108 | 0.000096 | 0.260675 |
| cg11814672 | chr4 | 74600153 | IL8 | 0.000077 | 0.000069 | 0.260748 |
| cg12579386 | chrX | 101100637 | NXF5 | -0.00013 | 0.000116 | 0.261129 |
| cg01199793 | chr13 | 53508040 | PCDH8 | 0.000158 | 0.000141 | 0.263711 |
| cg08806644 | chr12 | 123632825 | PITPNM2 | 0.000087 | 0.000078 | 0.265592 |
| cg01585036 | chr2 | 33172905 | LTBP1 | -0.000128 | 0.000115 | 0.265895 |
| cg27606396 | chr2 | 113542117 | IL1A | 0.00035 | 0.000315 | 0.267753 |
| cg05951817 | chr17 | 28562142 | SLC6A4 | 0.000269 | 0.000243 | 0.269704 |
| cg20548977 | chr2 | 113537166 | IL1A | 0.000102 | 0.000093 | 0.269829 |
| cg22291942 | chr18 | 32398181 | DTNA | -0.000161 | 0.000146 | 0.271497 |
| cg15409712 | chr4 | 103426288 | NFKB1 | 0.000352 | 0.00032 | 0.271708 |
| cg27569706 | chr2 | 33173163 | LTBP1 | -0.00029 | 0.000266 | 0.275703 |
| cg03172098 | chr2 | 33588519 | LTBP1 | -0.000127 | 0.000117 | 0.277795 |
| cg20777390 | chr12 | 123587316 | PITPNM2 | 0.000135 | 0.000125 | 0.27837 |
| cg20745248 | chr3 | 10436249 | ATP2B2 | -0.000108 | 0.000099 | 0.279426 |
| cg03894242 | chr12 | 57513121 | STAT6 | -0.000102 | 0.000095 | 0.282695 |
| cg12827708 | chr18 | 32172486 | DTNA | -0.00021 | 0.000197 | 0.285958 |
| cg00431549 | chr12 | 15039025 | MGP | 0.000286 | 0.000269 | 0.287694 |
| cg21434114 | chr18 | 3450282 | TGIF1 | -0.000073 | 0.000068 | 0.287705 |
| cg26143515 | chr2 | 113856184 | IL1RN | -0.000082 | 0.000077 | 0.287789 |
| cg22984769 | chr5 | 140464488 | PCDHB2 | 0.000343 | 0.000324 | 0.289539 |
| cg07063032 | chr18 | 3450262 | TGIF1 | 0.000098 | 0.000092 | 0.290087 |
| cg25351763 | chr5 | 71724363 | ZNF366 | 0.000167 | 0.000158 | 0.29101 |
| cg12635662 | chr11 | 59807181 | PLAC1L | 0.00014 | 0.000133 | 0.29148 |
| cg07556134 | chr3 | 12330263 | PPARG | 0.000088 | 0.000083 | 0.293035 |
| cg17033810 | chr5 | 71805533 | ZNF366 | -0.000121 | 0.000115 | 0.293632 |
| cg12508655 | chr5 | 71800767 | ZNF366 | 0.000124 | 0.000118 | 0.294296 |
| cg18002116 | chr13 | 53419596 | PCDH8 | -0.000342 | 0.000326 | 0.294729 |
| cg07119076 | chr2 | 33596547 | LTBP1 | 0.00016 | 0.000154 | 0.296996 |
| cg18138788 | chrX | 43515245 | MAOA | 0.000385 | 0.000369 | 0.297346 |
| cg13528513 | chr3 | 148418460 | AGTR1 | 0.000293 | 0.000281 | 0.29774 |
| cg10580691 | chr18 | 3451079 | TGIF1 | -0.000071 | 0.000069 | 0.299231 |
| cg05629781 | chr18 | 32398287 | DTNA | 0.000113 | 0.000109 | 0.302462 |
| cg26811898 | chr4 | 125824919 | ANKRD50 | 0.000351 | 0.000341 | 0.302641 |
| cg15511625 | chr3 | 10400548 | ATP2B2 | 0.000103 | 0.000101 | 0.308967 |
| cg12931591 | chr18 | 3411821 | TGIF1 | 0.000149 | 0.000146 | 0.309015 |
| cg04799232 | chr4 | 103475833 | NFKB1 | 0.000079 | 0.000078 | 0.313185 |
| cg13709765 | chr18 | 3451484 | TGIF1 | -0.000081 | 0.000081 | 0.313297 |
| cg26210104 | chr18 | 32398246 | DTNA | 0.000078 | 0.000077 | 0.314152 |
| cg08648317 | chr11 | 59807830 | PLAC1L | 0.0001 | 0.0001 | 0.316986 |
| cg17301635 | chr18 | 3451475 | TGIF1 | 0.000078 | 0.000078 | 0.317006 |
| cg11199399 | chr2 | 33172442 | LTBP1 | -0.00009 | 0.00009 | 0.317341 |
| cg07307803 | chr16 | 69600533 | NFAT5 | 0.000032 | 0.000032 | 0.318173 |
| cg06573644 | chr3 | 12329101 | PPARG | 0.000125 | 0.000125 | 0.31818 |
| cg18090447 | chr1 | 165797377 | UCK2 | -0.00005 | 0.00005 | 0.319096 |
| cg20709136 | chr11 | 59811802 | PLAC1L | 0.00022 | 0.000222 | 0.321759 |
| cg01426195 | chr3 | 39028469 | SCN11A | -0.000176 | 0.000178 | 0.323527 |
| cg24560494 | chr13 | 53423037 | PCDH8 | -0.000123 | 0.000125 | 0.327622 |
| cg15772133 | chr2 | 33585815 | LTBP1 | -0.000223 | 0.000228 | 0.328161 |
| cg23818978 | chr11 | 118083239 | AMICA1 | 0.000175 | 0.00018 | 0.330084 |
| cg16838358 | chr3 | 10670923 | ATP2B2 | -0.000122 | 0.000126 | 0.333844 |
| cg04931913 | chr3 | 10394210 | ATP2B2 | 0.000133 | 0.000138 | 0.334195 |
| cg04071270 | chr5 | 140457553 | PCDHB2 | -0.000304 | 0.000316 | 0.335698 |
| cg02075590 | chr4 | 125607552 | ANKRD50 | 0.000099 | 0.000104 | 0.341357 |
| cg19823090 | chr5 | 71713858 | ZNF366 | 0.000137 | 0.000144 | 0.342197 |
| cg25265126 | chr2 | 113891507 | IL1RN | 0.000158 | 0.000166 | 0.342997 |
| cg02279181 | chr5 | 71957579 | ZNF366 | -0.000207 | 0.00022 | 0.348185 |
| cg03538731 | chr18 | 3451548 | TGIF1 | -0.000052 | 0.000055 | 0.35178 |
| cg22899000 | chr5 | 71737716 | ZNF366 | 0.000075 | 0.00008 | 0.35248 |
| cg18538138 | chr2 | 33604572 | LTBP1 | 0.000119 | 0.000128 | 0.354683 |
| cg19712603 | chr13 | 53422777 | PCDH8 | 0.000099 | 0.000108 | 0.359702 |
| cg01983105 | chr4 | 103421224 | NFKB1 | -0.000098 | 0.000107 | 0.359947 |
| cg12899157 | chr18 | 3452302 | TGIF1 | 0.000161 | 0.000177 | 0.360958 |
| cg15135286 | chr2 | 33359281 | LTBP1 | -0.000198 | 0.000217 | 0.361067 |
| cg14102437 | chr2 | 33359688 | LTBP1 | -0.000246 | 0.00027 | 0.36235 |
| cg00357610 | chr4 | 125633704 | ANKRD50 | -0.000088 | 0.000097 | 0.36498 |
| cg05016953 | chr17 | 28562813 | SLC6A4 | 0.000075 | 0.000083 | 0.365876 |
| cg20141108 | chr1 | 165907859 | UCK2 | -0.000206 | 0.00023 | 0.369152 |
| cg18887186 | chr3 | 12330332 | PPARG | -0.000092 | 0.000102 | 0.369274 |
| cg25203286 | chr18 | 32070275 | DTNA | 0.000223 | 0.000249 | 0.369541 |
| cg18063278 | chr3 | 12328740 | PPARG | 0.000258 | 0.000288 | 0.370127 |
| cg00379733 | chr3 | 10486117 | ATP2B2 | -0.000164 | 0.000183 | 0.371224 |
| cg06975592 | chr1 | 165796857 | UCK2 | -0.000078 | 0.000087 | 0.372397 |
| cg03172057 | chr3 | 39033151 | SCN11A | -0.000081 | 0.000091 | 0.373498 |
| cg24335116 | chr12 | 123469507 | PITPNM2 | -0.000149 | 0.000167 | 0.373506 |
| cg24863642 | chr1 | 161171902 | NDUFS2 | 0.000088 | 0.0001 | 0.375013 |
| cg09669411 | chr16 | 4901503 | UBN1 | 0.000113 | 0.000128 | 0.376816 |
| cg20903136 | chr8 | 62575678 | ASPH | -0.000143 | 0.000162 | 0.377197 |
| cg04807594 | chr3 | 148415747 | AGTR1 | -0.000172 | 0.000197 | 0.381678 |
| cg18677812 | chr3 | 38936985 | SCN11A | -0.000085 | 0.000098 | 0.383851 |
| cg07202976 | chr13 | 53417692 | PCDH8 | 0.000135 | 0.000157 | 0.38827 |
| cg13727808 | chr4 | 103499194 | NFKB1 | 0.000078 | 0.00009 | 0.390595 |
| cg10477073 | chr12 | 123477123 | PITPNM2 | -0.000058 | 0.000068 | 0.391316 |
| cg08903619 | chr13 | 53508092 | PCDH8 | -0.00015 | 0.000176 | 0.393525 |
| cg15014034 | chrX | 43515544 | MAOA | -0.0002 | 0.000236 | 0.396075 |
| cg00119197 | chr4 | 103422974 | NFKB1 | -0.000081 | 0.000097 | 0.404329 |
| cg18354686 | chr16 | 4897378 | UBN1 | -0.00005 | 0.00006 | 0.408177 |
| cg03315215 | chr13 | 53422847 | PCDH8 | 0.000045 | 0.000055 | 0.408449 |
| cg16956031 | chr18 | 3451545 | TGIF1 | 0.000029 | 0.000035 | 0.409296 |
| cg27322282 | chr18 | 3411906 | TGIF1 | 0.000208 | 0.000252 | 0.410217 |
| cg20182983 | chr12 | 123470916 | PITPNM2 | -0.000029 | 0.000035 | 0.413311 |
| cg06770082 | chr13 | 53407492 | PCDH8 | 0.000169 | 0.000207 | 0.415104 |
| cg25925669 | chr3 | 10417221 | ATP2B2 | 0.000086 | 0.000107 | 0.417895 |
| cg07128890 | chr11 | 59807164 | PLAC1L | 0.000092 | 0.000113 | 0.418435 |
| cg27095527 | chr3 | 12329080 | PPARG | 0.000095 | 0.000118 | 0.418896 |
| cg16779498 | chr13 | 53442030 | PCDH8 | -0.000335 | 0.000416 | 0.421559 |
| cg25099389 | chr5 | 71706309 | ZNF366 | -0.000087 | 0.00011 | 0.424744 |
| cg13344806 | chr18 | 3450921 | TGIF1 | 0.000036 | 0.000045 | 0.424977 |
| cg11892997 | chr12 | 123482053 | PITPNM2 | 0.000098 | 0.000123 | 0.42665 |
| cg11145412 | chr12 | 123476443 | PITPNM2 | 0.000076 | 0.000095 | 0.426901 |
| cg13518792 | chr3 | 12329590 | PPARG | -0.000077 | 0.000096 | 0.427501 |
| cg22617878 | chr3 | 10417183 | ATP2B2 | -0.000036 | 0.000045 | 0.427731 |
| cg06217072 | chr3 | 10404348 | ATP2B2 | 0.00008 | 0.000101 | 0.429686 |
| cg16221201 | chr5 | 71781569 | ZNF366 | -0.00007 | 0.000089 | 0.431171 |
| cg18893025 | chr8 | 62529801 | ASPH | 0.000073 | 0.000093 | 0.432481 |
| cg01574241 | chr1 | 165873825 | UCK2 | -0.000162 | 0.000207 | 0.432529 |
| cg09646593 | chr4 | 125631168 | ANKRD50 | -0.000059 | 0.000076 | 0.432762 |
| cg16197186 | chr3 | 12413887 | PPARG | -0.000089 | 0.000113 | 0.434023 |
| cg23172911 | chr1 | 165880082 | UCK2 | 0.000102 | 0.000131 | 0.437134 |
| cg07356342 | chr1 | 161183820 | NDUFS2 | -0.000162 | 0.000209 | 0.438467 |
| cg10489463 | chr2 | 33546572 | LTBP1 | 0.000246 | 0.000323 | 0.445801 |
| cg16468843 | chr3 | 10370624 | ATP2B2 | 0.000404 | 0.00053 | 0.445814 |
| cg15946212 | chr13 | 53425831 | PCDH8 | 0.000056 | 0.000074 | 0.446117 |
| cg11902909 | chr5 | 71945205 | ZNF366 | 0.000068 | 0.00009 | 0.448165 |
| cg02380278 | chr5 | 71756236 | ZNF366 | -0.000045 | 0.000059 | 0.449715 |
| cg07414685 | chr18 | 32409242 | DTNA | -0.000073 | 0.000097 | 0.452045 |
| cg17166812 | chr1 | 161169574 | NDUFS2 | 0.000109 | 0.000145 | 0.452275 |
| cg15111475 | chr3 | 10547226 | ATP2B2 | 0.00004 | 0.000053 | 0.452834 |
| cg10784511 | chr3 | 148426295 | AGTR1 | -0.000143 | 0.000191 | 0.454818 |
| cg15722404 | chr3 | 12329242 | PPARG | -0.000049 | 0.000066 | 0.455751 |
| cg21770462 | chr5 | 71803219 | ZNF366 | -0.000185 | 0.000249 | 0.456283 |
| cg10901968 | chr17 | 28563108 | SLC6A4 | 0.000044 | 0.00006 | 0.456588 |
| cg05265512 | chr18 | 3447583 | TGIF1 | 0.000106 | 0.000143 | 0.459625 |
| cg22355554 | chr4 | 125572022 | ANKRD50 | 0.00007 | 0.000095 | 0.459969 |
| cg24619895 | chr12 | 123633728 | PITPNM2 | 0.000064 | 0.000087 | 0.460192 |
| cg10732797 | chr3 | 10397182 | ATP2B2 | 0.000117 | 0.000158 | 0.460702 |
| cg25509732 | chr12 | 123481891 | PITPNM2 | -0.000058 | 0.000079 | 0.46087 |
| cg19343861 | chr12 | 123481935 | PITPNM2 | 0.000071 | 0.000097 | 0.463655 |
| cg02335517 | chr7 | 22768438 | IL6 | 0.000088 | 0.00012 | 0.463694 |
| cg22646528 | chr18 | 32073466 | DTNA | -0.000066 | 0.00009 | 0.465038 |
| cg02080319 | chr8 | 62540385 | ASPH | -0.000082 | 0.000113 | 0.466686 |
| cg23935261 | chr1 | 165811207 | UCK2 | 0.000063 | 0.000087 | 0.46719 |
| cg01347335 | chr3 | 10491630 | ATP2B2 | 0.000088 | 0.000121 | 0.467779 |
| cg03862226 | chr12 | 57521271 | STAT6 | -0.000063 | 0.000087 | 0.468679 |
| cg27582059 | chr5 | 140559871 | PCDHB8 | 0.000296 | 0.000409 | 0.469026 |
| cg21346639 | chr18 | 3447463 | TGIF1 | 0.000152 | 0.00021 | 0.469132 |
| cg08357990 | chr2 | 33359550 | LTBP1 | -0.000156 | 0.000216 | 0.470438 |
| cg10612282 | chr12 | 123479583 | PITPNM2 | 0.000074 | 0.000103 | 0.474399 |
| cg26381457 | chr12 | 95911666 | USP44 | 0.0001 | 0.000141 | 0.474806 |
| cg04878152 | chr3 | 148415960 | AGTR1 | -0.000128 | 0.000179 | 0.475603 |
| cg27383174 | chr3 | 148450860 | AGTR1 | 0.000109 | 0.000153 | 0.476985 |
| cg13224710 | chr18 | 3411743 | TGIF1 | 0.000061 | 0.000087 | 0.478353 |
| cg06460717 | chr13 | 53420135 | PCDH8 | 0.00015 | 0.000213 | 0.480289 |
| cg24952744 | chr3 | 10547584 | ATP2B2 | 0.000189 | 0.000268 | 0.481948 |
| cg14570055 | chr5 | 140557583 | PCDHB8 | 0.000161 | 0.00023 | 0.482075 |
| cg18660409 | chr3 | 10365848 | ATP2B2 | 0.000084 | 0.00012 | 0.483102 |
| cg07895807 | chr2 | 33372733 | LTBP1 | 0.000053 | 0.000077 | 0.485825 |
| cg05265849 | chr7 | 22767390 | IL6 | 0.00031 | 0.000446 | 0.486656 |
| cg20801464 | chr18 | 3454953 | TGIF1 | 0.000201 | 0.000289 | 0.487456 |
| cg06979020 | chr16 | 69660388 | NFAT5 | 0.00012 | 0.000174 | 0.489424 |
| cg25080348 | chr8 | 62596090 | ASPH | -0.000111 | 0.000161 | 0.490126 |
| cg27569822 | chr17 | 28563119 | SLC6A4 | 0.00004 | 0.000058 | 0.491831 |
| cg20103093 | chr3 | 10378433 | ATP2B2 | 0.000091 | 0.000132 | 0.492561 |
| cg27260617 | chr3 | 148447161 | AGTR1 | -0.000171 | 0.000251 | 0.495404 |
| cg01941278 | chr5 | 71895997 | ZNF366 | 0.000082 | 0.000121 | 0.495722 |
| cg01991967 | chr2 | 113884734 | IL1RN | -0.000096 | 0.000141 | 0.497057 |
| cg03238298 | chr18 | 32073112 | DTNA | -0.000127 | 0.000188 | 0.497956 |
| cg02956460 | chr1 | 165910759 | UCK2 | 0.00004 | 0.00006 | 0.498417 |
| cg14692377 | chr17 | 28562685 | SLC6A4 | -0.000108 | 0.000159 | 0.498938 |
| cg03107436 | chr3 | 10400456 | ATP2B2 | 0.000075 | 0.000111 | 0.499482 |
| cg06658391 | chr2 | 113875233 | IL1RN | -0.000072 | 0.000107 | 0.502124 |
| cg09813525 | chr13 | 53420386 | PCDH8 | -0.00006 | 0.000089 | 0.5025 |
| cg10484958 | chr13 | 53424127 | PCDH8 | -0.000149 | 0.000224 | 0.507237 |
| cg18151270 | chr13 | 53401282 | PCDH8 | 0.000058 | 0.000088 | 0.507649 |
| cg04240493 | chr3 | 148414664 | AGTR1 | 0.000083 | 0.000126 | 0.509314 |
| cg07783282 | chr12 | 95942964 | USP44 | 0.000101 | 0.000155 | 0.512206 |
| cg26736099 | chr17 | 61989275 | CSHL1 | -0.000119 | 0.000182 | 0.512372 |
| cg19898448 | chr4 | 125631415 | ANKRD50 | 0.000063 | 0.000097 | 0.512979 |
| cg17535595 | chr13 | 53422808 | PCDH8 | -0.000031 | 0.000047 | 0.513333 |
| cg19456622 | chr13 | 53423132 | PCDH8 | -0.000103 | 0.00016 | 0.519965 |
| cg02260587 | chr5 | 140474248 | PCDHB2 | 0.000151 | 0.000235 | 0.520487 |
| cg16827534 | chr3 | 12332780 | PPARG | -0.00012 | 0.000188 | 0.521639 |
| cg04745820 | chr2 | 33249103 | LTBP1 | -0.000082 | 0.00013 | 0.527667 |
| cg13579374 | chr8 | 62627037 | ASPH | -0.000056 | 0.000088 | 0.529577 |
| cg00119057 | chr18 | 32073462 | DTNA | 0.000056 | 0.000089 | 0.530243 |
| cg15615638 | chr3 | 10401482 | ATP2B2 | 0.00005 | 0.00008 | 0.530703 |
| cg21413133 | chr3 | 10400395 | ATP2B2 | -0.000046 | 0.000073 | 0.530868 |
| cg05659526 | chr1 | 161184528 | NDUFS2 | -0.000061 | 0.000098 | 0.531241 |
| cg01848323 | chr12 | 123482002 | PITPNM2 | -0.000023 | 0.000037 | 0.53143 |
| cg08176694 | chr12 | 123519157 | PITPNM2 | -0.000131 | 0.000211 | 0.535562 |
| cg16386481 | chr12 | 54753072 | GPR84 | -0.000038 | 0.000061 | 0.535862 |
| cg21778229 | chr4 | 125860482 | ANKRD50 | 0.000116 | 0.000187 | 0.53606 |
| cg15463966 | chr3 | 148446998 | AGTR1 | 0.000115 | 0.000186 | 0.536297 |
| cg16144476 | chrX | 101087101 | NXF5 | -0.000144 | 0.000234 | 0.5374 |
| cg00651099 | chr4 | 125599866 | ANKRD50 | -0.000089 | 0.000145 | 0.538087 |
| cg07580762 | chr1 | 161171810 | NDUFS2 | 0.00015 | 0.000245 | 0.53968 |
| cg10189525 | chr4 | 103422196 | NFKB1 | 0.000045 | 0.000073 | 0.540189 |
| cg24920271 | chr4 | 125571982 | ANKRD50 | -0.000049 | 0.00008 | 0.541047 |
| cg04406445 | chrX | 43515575 | MAOA | 0.000111 | 0.000181 | 0.541308 |
| cg06558952 | chrX | 43514718 | MAOA | 0.000117 | 0.000193 | 0.544377 |
| cg10773745 | chr12 | 123633142 | PITPNM2 | 0.000067 | 0.000111 | 0.545412 |
| cg08772028 | chr11 | 118085736 | AMICA1 | -0.000144 | 0.000238 | 0.545813 |
| cg13194045 | chr1 | 165914462 | UCK2 | 0.000119 | 0.000196 | 0.545838 |
| cg06604568 | chr5 | 71712756 | ZNF366 | -0.000057 | 0.000095 | 0.546378 |
| cg14134497 | chr18 | 32074251 | DTNA | -0.000104 | 0.000173 | 0.546834 |
| cg15610027 | chr18 | 32173227 | DTNA | 0.000242 | 0.000403 | 0.547384 |
| cg01412654 | chr3 | 12328084 | PPARG | -0.000111 | 0.000185 | 0.54908 |
| cg12220376 | chr1 | 165823772 | UCK2 | -0.000084 | 0.00014 | 0.550319 |
| cg10499651 | chr3 | 12465415 | PPARG | 0.000143 | 0.00024 | 0.552425 |
| cg13306087 | chr5 | 71713491 | ZNF366 | -0.000172 | 0.000289 | 0.552621 |
| cg09067021 | chr12 | 123637556 | PITPNM2 | -0.00016 | 0.00027 | 0.552717 |
| cg06850158 | chr4 | 74567419 | IL8 | 0.000076 | 0.000128 | 0.552735 |
| cg01565912 | chr16 | 4898226 | UBN1 | 0.000068 | 0.000114 | 0.554718 |
| cg03562855 | chr13 | 53507972 | PCDH8 | -0.000081 | 0.000138 | 0.555455 |
| cg01311567 | chr12 | 123470623 | PITPNM2 | -0.000028 | 0.000048 | 0.555932 |
| cg24365088 | chr3 | 10400512 | ATP2B2 | -0.000017 | 0.000029 | 0.556037 |
| cg18204321 | chr18 | 3453798 | TGIF1 | -0.000109 | 0.000185 | 0.556166 |
| cg14171414 | chr13 | 53422474 | PCDH8 | -0.000151 | 0.000257 | 0.55652 |
| cg05656486 | chr1 | 161171383 | NDUFS2 | -0.000115 | 0.000196 | 0.556942 |
| cg19227924 | chr17 | 28565709 | SLC6A4 | 0.000133 | 0.000226 | 0.557792 |
| cg20609803 | chr1 | 161184305 | NDUFS2 | -0.000126 | 0.000216 | 0.558957 |
| cg27366866 | chr2 | 33611619 | LTBP1 | 0.000048 | 0.000083 | 0.563161 |
| cg00989258 | chr12 | 123527156 | PITPNM2 | 0.000051 | 0.000088 | 0.563562 |
| cg02532341 | chr3 | 10399439 | ATP2B2 | 0.000101 | 0.000175 | 0.564131 |
| cg27473871 | chr12 | 123636279 | PITPNM2 | -0.000101 | 0.000176 | 0.566105 |
| cg23695990 | chr12 | 95967811 | USP44 | 0.000151 | 0.000265 | 0.567459 |
| cg23274951 | chr1 | 161171632 | NDUFS2 | 0.000055 | 0.000097 | 0.570503 |
| cg15314542 | chr3 | 10377872 | ATP2B2 | -0.000041 | 0.000073 | 0.573114 |
| cg01330016 | chr17 | 28549806 | SLC6A4 | -0.000055 | 0.000097 | 0.573753 |
| cg14808132 | chr3 | 10547179 | ATP2B2 | 0.000049 | 0.000087 | 0.574448 |
| cg22397713 | chr13 | 53412782 | PCDH8 | -0.00012 | 0.000215 | 0.576889 |
| cg25125298 | chr5 | 71853215 | ZNF366 | 0.000203 | 0.000365 | 0.577458 |
| cg12074493 | chr17 | 28564117 | SLC6A4 | 0.000083 | 0.00015 | 0.578025 |
| cg01988891 | chr12 | 54758384 | GPR84 | -0.000078 | 0.000141 | 0.580059 |
| cg06068338 | chr8 | 62494502 | ASPH | -0.00011 | 0.0002 | 0.580446 |
| cg23600322 | chr18 | 3457201 | TGIF1 | 0.000079 | 0.000142 | 0.580605 |
| cg20366906 | chr13 | 53422381 | PCDH8 | -0.000106 | 0.000192 | 0.581553 |
| cg08850169 | chr1 | 161171469 | NDUFS2 | -0.000088 | 0.000159 | 0.582473 |
| cg10364374 | chr4 | 125857940 | ANKRD50 | 0.000208 | 0.000381 | 0.584883 |
| cg17302062 | chr18 | 3451564 | TGIF1 | 0.000033 | 0.000061 | 0.58564 |
| cg27227598 | chr3 | 10374415 | ATP2B2 | 0.000044 | 0.000082 | 0.588281 |
| cg18781372 | chr3 | 38937304 | SCN11A | -0.000059 | 0.000109 | 0.589149 |
| cg06085713 | chr18 | 3453726 | TGIF1 | 0.000068 | 0.000126 | 0.590038 |
| cg07899411 | chr12 | 123604434 | PITPNM2 | 0.000102 | 0.000189 | 0.590314 |
| cg21143899 | chr1 | 165866296 | UCK2 | -0.00004 | 0.000075 | 0.590439 |
| cg03363743 | chr17 | 28562474 | SLC6A4 | 0.000095 | 0.000177 | 0.590991 |
| cg26672287 | chr2 | 33391915 | LTBP1 | -0.000092 | 0.000173 | 0.593144 |
| cg14190451 | chr11 | 118083942 | AMICA1 | 0.000077 | 0.000146 | 0.595849 |
| cg05171224 | chr12 | 123471014 | PITPNM2 | -0.000043 | 0.000081 | 0.597911 |
| cg08175640 | chr2 | 33384367 | LTBP1 | 0.000062 | 0.000117 | 0.598931 |
| cg10972897 | chr1 | 165859714 | UCK2 | -0.000091 | 0.000176 | 0.603316 |
| cg06251670 | chr8 | 62561734 | ASPH | -0.000059 | 0.000115 | 0.60818 |
| cg21726079 | chr13 | 53424716 | PCDH8 | 0.000074 | 0.000144 | 0.608971 |
| cg01448947 | chr5 | 71713118 | ZNF366 | -0.000064 | 0.000125 | 0.612099 |
| cg15794034 | chr11 | 118095775 | AMICA1 | 0.00008 | 0.000159 | 0.613788 |
| cg00286188 | chr2 | 33493596 | LTBP1 | 0.000085 | 0.000169 | 0.613805 |
| cg16617257 | chr12 | 15039560 | MGP | 0.000067 | 0.000134 | 0.614502 |
| cg12615753 | chr4 | 103528099 | NFKB1 | -0.000054 | 0.000108 | 0.616867 |
| cg24049880 | chr1 | 161171211 | NDUFS2 | -0.000093 | 0.000185 | 0.617187 |
| cg16996262 | chr16 | 69600303 | NFAT5 | -0.000029 | 0.000058 | 0.620005 |
| cg23460697 | chr16 | 4902898 | UBN1 | 0.000039 | 0.000078 | 0.620183 |
| cg21164232 | chr18 | 3452359 | TGIF1 | -0.000081 | 0.000164 | 0.621174 |
| cg09931783 | chr12 | 123469669 | PITPNM2 | -0.000087 | 0.000177 | 0.624187 |
| cg10323552 | chr13 | 53424032 | PCDH8 | -0.000081 | 0.000167 | 0.625418 |
| cg01590866 | chr2 | 33217152 | LTBP1 | -0.000045 | 0.000093 | 0.629065 |
| cg01467417 | chr2 | 113874068 | IL1RN | -0.00006 | 0.000126 | 0.632181 |
| cg15238467 | chr12 | 57522045 | STAT6 | -0.000058 | 0.000122 | 0.632462 |
| cg18007641 | chr4 | 74641828 | IL8 | -0.000149 | 0.000312 | 0.632784 |
| cg04440724 | chr16 | 4920505 | UBN1 | 0.000033 | 0.000069 | 0.6336 |
| cg09303881 | chr1 | 165910641 | UCK2 | 0.000043 | 0.000092 | 0.635315 |
| cg06976003 | chr16 | 4897242 | UBN1 | 0.000037 | 0.000077 | 0.635999 |
| cg05343713 | chr4 | 103458703 | NFKB1 | -0.000067 | 0.000142 | 0.636475 |
| cg20386586 | chr18 | 3449692 | TGIF1 | -0.000113 | 0.000241 | 0.638093 |
| cg08505647 | chr11 | 59807594 | PLAC1L | -0.000102 | 0.000219 | 0.639754 |
| cg14950829 | chr13 | 53419617 | PCDH8 | 0.000195 | 0.000418 | 0.640026 |
| cg22055119 | chr3 | 10547228 | ATP2B2 | 0.000037 | 0.000079 | 0.641315 |
| cg24675770 | chr2 | 33622300 | LTBP1 | -0.000034 | 0.000072 | 0.641464 |
| cg25157914 | chr12 | 57505529 | STAT6 | 0.00003 | 0.000065 | 0.642957 |
| cg16815379 | chr1 | 165797173 | UCK2 | 0.000028 | 0.000062 | 0.64534 |
| cg08464009 | chr12 | 123535067 | PITPNM2 | 0.000058 | 0.000126 | 0.646212 |
| cg10434653 | chr16 | 4898242 | UBN1 | -0.000029 | 0.000064 | 0.646272 |
| cg08162325 | chr1 | 165910516 | UCK2 | -0.000044 | 0.000095 | 0.646355 |
| cg10940942 | chr8 | 62434052 | ASPH | -0.000039 | 0.000086 | 0.646651 |
| cg12789173 | chr11 | 118084192 | AMICA1 | -0.000143 | 0.000313 | 0.646876 |
| cg03517923 | chr3 | 38870296 | SCN11A | 0.000041 | 0.00009 | 0.647876 |
| cg26823212 | chr1 | 165877307 | UCK2 | 0.000107 | 0.000235 | 0.649677 |
| cg14644204 | chr12 | 123518833 | PITPNM2 | 0.000077 | 0.000171 | 0.650516 |
| cg22221831 | chr12 | 15039397 | MGP | 0.000144 | 0.000318 | 0.650929 |
| cg06898502 | chr18 | 3410587 | TGIF1 | 0.000072 | 0.000161 | 0.652502 |
| cg11865223 | chr2 | 33368461 | LTBP1 | -0.00005 | 0.000111 | 0.652525 |
| cg02482042 | chr3 | 10465412 | ATP2B2 | 0.000097 | 0.000216 | 0.652875 |
| cg10887021 | chr5 | 140474145 | PCDHB2 | -0.000073 | 0.000163 | 0.65322 |
| cg06121450 | chr1 | 165798382 | UCK2 | -0.000071 | 0.000158 | 0.653409 |
| cg20576612 | chr3 | 148411631 | AGTR1 | -0.000062 | 0.00014 | 0.655584 |
| cg04353660 | chr12 | 123471054 | PITPNM2 | -0.000034 | 0.000076 | 0.656366 |
| cg02710004 | chr1 | 165910731 | UCK2 | 0.000038 | 0.000085 | 0.657586 |
| cg26121736 | chrX | 101112845 | NXF5 | 0.000094 | 0.000213 | 0.658902 |
| cg16918595 | chr12 | 57521080 | STAT6 | -0.000058 | 0.000131 | 0.659615 |
| cg26146542 | chr18 | 32073016 | DTNA | 0.00005 | 0.000113 | 0.66083 |
| cg15911328 | chr5 | 140556888 | PCDHB8 | 0.000222 | 0.000509 | 0.662028 |
| cg25968206 | chr4 | 125875296 | ANKRD50 | 0.000061 | 0.000139 | 0.662391 |
| cg25928199 | chr2 | 113884376 | IL1RN | 0.000056 | 0.000129 | 0.664117 |
| cg07998387 | chr7 | 22767571 | IL6 | 0.000081 | 0.00019 | 0.669802 |
| cg06399529 | chr16 | 4896943 | UBN1 | 0.000032 | 0.000076 | 0.67053 |
| cg00636946 | chr16 | 4898667 | UBN1 | 0.000141 | 0.000331 | 0.671261 |
| cg14547335 | chr3 | 10491247 | ATP2B2 | -0.000062 | 0.000146 | 0.671768 |
| cg03234777 | chr11 | 118095544 | AMICA1 | 0.000093 | 0.000219 | 0.67198 |
| cg15466933 | chr12 | 123477147 | PITPNM2 | 0.000026 | 0.000061 | 0.672344 |
| cg00927554 | chr12 | 95941920 | USP44 | -0.000063 | 0.00015 | 0.673727 |
| cg06794323 | chrX | 43518105 | MAOA | 0.000083 | 0.000199 | 0.676149 |
| cg27265617 | chr3 | 10371553 | ATP2B2 | -0.000046 | 0.00011 | 0.676218 |
| cg10606061 | chr8 | 62534440 | ASPH | -0.00005 | 0.00012 | 0.678521 |
| cg20948956 | chr2 | 33317174 | LTBP1 | 0.000061 | 0.000148 | 0.678656 |
| cg01816936 | chr12 | 123518888 | PITPNM2 | 0.000079 | 0.000194 | 0.683017 |
| cg00343433 | chr8 | 62600110 | ASPH | 0.000089 | 0.00022 | 0.68414 |
| cg05737526 | chr18 | 3454175 | TGIF1 | -0.000035 | 0.000087 | 0.685551 |
| cg06415153 | chr12 | 123519476 | PITPNM2 | 0.000076 | 0.000188 | 0.687242 |
| cg12812394 | chr12 | 123473974 | PITPNM2 | 0.000038 | 0.000096 | 0.692484 |
| cg23982858 | chr12 | 95941869 | USP44 | -0.000029 | 0.000076 | 0.696598 |
| cg16192751 | chr12 | 95945767 | USP44 | 0.000102 | 0.000262 | 0.696656 |
| cg11918450 | chr2 | 33359198 | LTBP1 | 0.000093 | 0.000242 | 0.699657 |
| cg09071459 | chr16 | 4903054 | UBN1 | 0.000031 | 0.00008 | 0.700765 |
| cg05696731 | chr8 | 62552657 | ASPH | -0.000035 | 0.000092 | 0.701856 |
| cg22558265 | chr5 | 71756725 | ZNF366 | 0.00005 | 0.00013 | 0.703512 |
| cg10584100 | chr8 | 62604144 | ASPH | 0.000041 | 0.000108 | 0.703612 |
| cg18668511 | chr5 | 140557227 | PCDHB8 | 0.000193 | 0.000509 | 0.703656 |
| cg07314821 | chr3 | 10436688 | ATP2B2 | 0.000035 | 0.000092 | 0.70384 |
| cg21838625 | chr3 | 10378056 | ATP2B2 | -0.00003 | 0.000079 | 0.705594 |
| cg04836428 | chr18 | 32073245 | DTNA | 0.000039 | 0.000103 | 0.70697 |
| cg09477124 | chr3 | 10379281 | ATP2B2 | 0.000041 | 0.000109 | 0.707759 |
| cg05483505 | chr11 | 59785552 | PLAC1L | -0.000038 | 0.000101 | 0.707961 |
| cg14565151 | chr12 | 95945384 | USP44 | -0.000105 | 0.000279 | 0.708037 |
| cg06742321 | chr12 | 123595122 | PITPNM2 | 0.000032 | 0.000087 | 0.710366 |
| cg26561986 | chr12 | 95939442 | USP44 | 0.00006 | 0.000163 | 0.712031 |
| cg13104385 | chr7 | 22767384 | IL6 | 0.000176 | 0.000482 | 0.714041 |
| cg19441691 | chrX | 43515349 | MAOA | 0.000106 | 0.00029 | 0.714293 |
| cg09151061 | chr5 | 71804628 | ZNF366 | -0.000031 | 0.000084 | 0.71441 |
| cg18850124 | chr12 | 123481960 | PITPNM2 | 0.000029 | 0.000079 | 0.715575 |
| cg07830103 | chr4 | 103422050 | NFKB1 | -0.000025 | 0.00007 | 0.721855 |
| cg23286609 | chr18 | 32289474 | DTNA | -0.000031 | 0.000088 | 0.724353 |
| cg02954262 | chr18 | 3451750 | TGIF1 | -0.000028 | 0.000081 | 0.724654 |
| cg18420599 | chr18 | 32173206 | DTNA | -0.00012 | 0.000344 | 0.727415 |
| cg22077046 | chr3 | 10452678 | ATP2B2 | 0.000029 | 0.000083 | 0.728415 |
| cg13468667 | chr18 | 3411996 | TGIF1 | 0.000106 | 0.000307 | 0.730514 |
| cg21691116 | chr1 | 161171819 | NDUFS2 | 0.000075 | 0.000222 | 0.734128 |
| cg26364899 | chr3 | 12329070 | PPARG | -0.000036 | 0.000108 | 0.735225 |
| cg01268021 | chr2 | 33342294 | LTBP1 | -0.000034 | 0.000101 | 0.735874 |
| cg00908117 | chr2 | 33348262 | LTBP1 | -0.000028 | 0.000084 | 0.73725 |
| cg08033262 | chr3 | 38905557 | SCN11A | -0.000041 | 0.000123 | 0.737878 |
| cg04333463 | chr8 | 62626687 | ASPH | 0.000029 | 0.000087 | 0.74266 |
| cg02543462 | chr2 | 113885116 | IL1RN | -0.000059 | 0.000182 | 0.743889 |
| cg15663121 | chr16 | 4898306 | UBN1 | -0.000016 | 0.000051 | 0.745251 |
| cg18397357 | chr17 | 28565258 | SLC6A4 | 0.000053 | 0.000164 | 0.746755 |
| cg10633040 | chr5 | 71915686 | ZNF366 | 0.000061 | 0.000192 | 0.751497 |
| cg15555970 | chr18 | 3452317 | TGIF1 | 0.000047 | 0.00015 | 0.754532 |
| cg02295023 | chr1 | 165910942 | UCK2 | -0.000015 | 0.000046 | 0.754764 |
| cg19721554 | chr5 | 71739365 | ZNF366 | -0.000041 | 0.000132 | 0.757101 |
| cg24351977 | chr2 | 33311428 | LTBP1 | 0.000031 | 0.0001 | 0.759204 |
| cg15803671 | chr18 | 3457981 | TGIF1 | -0.000048 | 0.000159 | 0.760134 |
| cg23514324 | chr3 | 12329213 | PPARG | 0.000043 | 0.00014 | 0.76122 |
| cg09658678 | chr3 | 148448256 | AGTR1 | 0.000029 | 0.000097 | 0.762185 |
| cg11889265 | chr5 | 140474135 | PCDHB2 | 0.000016 | 0.000055 | 0.764985 |
| cg12693595 | chr12 | 57504318 | STAT6 | -0.000019 | 0.000063 | 0.768008 |
| cg00875382 | chr4 | 103542236 | NFKB1 | 0.000034 | 0.000116 | 0.769765 |
| cg18857871 | chr11 | 118064634 | AMICA1 | -0.000023 | 0.000078 | 0.770723 |
| cg23974023 | chr2 | 113544294 | IL1A | 0.00003 | 0.000104 | 0.771224 |
| cg09070378 | chr1 | 161183762 | NDUFS2 | 0.000046 | 0.00016 | 0.77508 |
| cg17368254 | chr12 | 95942847 | USP44 | 0.00003 | 0.000107 | 0.775589 |
| cg05365685 | chr3 | 10436406 | ATP2B2 | 0.00004 | 0.00014 | 0.776146 |
| cg05399718 | chr12 | 123555535 | PITPNM2 | 0.000027 | 0.000097 | 0.77963 |
| cg06820545 | chr3 | 39031761 | SCN11A | -0.00005 | 0.000178 | 0.780366 |
| cg11390489 | chr8 | 62568172 | ASPH | 0.000032 | 0.000116 | 0.780936 |
| cg26530706 | chr18 | 32173093 | DTNA | 0.000137 | 0.000494 | 0.781142 |
| cg22499307 | chr3 | 10561011 | ATP2B2 | -0.000026 | 0.000096 | 0.784242 |
| cg19549714 | chr18 | 3447713 | TGIF1 | -0.000036 | 0.00013 | 0.784425 |
| cg05383328 | chr12 | 123471521 | PITPNM2 | -0.000021 | 0.000077 | 0.787198 |
| cg01301935 | chr16 | 69599904 | NFAT5 | 0.000026 | 0.000101 | 0.793823 |
| cg26491697 | chr18 | 3451447 | TGIF1 | -0.000018 | 0.00007 | 0.794279 |
| cg21249708 | chr12 | 123601893 | PITPNM2 | 0.000022 | 0.000083 | 0.794441 |
| cg20779414 | chr12 | 57505882 | STAT6 | -0.000014 | 0.000055 | 0.799493 |
| cg16335893 | chr12 | 123634159 | PITPNM2 | -0.000032 | 0.000129 | 0.800789 |
| cg18658787 | chr2 | 33541881 | LTBP1 | 0.000028 | 0.000112 | 0.801388 |
| cg15163974 | chr1 | 165797511 | UCK2 | -0.000021 | 0.000083 | 0.80163 |
| cg03050684 | chr1 | 165843584 | UCK2 | -0.00002 | 0.000082 | 0.802684 |
| cg02790691 | chr18 | 32289550 | DTNA | -0.000068 | 0.000274 | 0.803229 |
| cg11069430 | chr12 | 95945082 | USP44 | 0.000051 | 0.000207 | 0.806109 |
| cg25021900 | chr12 | 57522037 | STAT6 | 0.000018 | 0.000073 | 0.807126 |
| cg06706170 | chr1 | 165912313 | UCK2 | 0.000046 | 0.00019 | 0.807201 |
| cg12598211 | chr12 | 123634384 | PITPNM2 | -0.000027 | 0.000112 | 0.808599 |
| cg01137708 | chr4 | 103423368 | NFKB1 | -0.000021 | 0.000086 | 0.810567 |
| cg02783086 | chr13 | 53424812 | PCDH8 | 0.000024 | 0.000101 | 0.812478 |
| cg21843347 | chr2 | 33240386 | LTBP1 | 0.000029 | 0.000123 | 0.812972 |
| cg03162823 | chr12 | 95941571 | USP44 | -0.000074 | 0.000314 | 0.812999 |
| cg12817389 | chr8 | 62602522 | ASPH | 0.000022 | 0.000094 | 0.813022 |
| cg24984698 | chr17 | 28548496 | SLC6A4 | -0.000022 | 0.000098 | 0.821602 |
| cg15646610 | chr1 | 165797892 | UCK2 | -0.000039 | 0.000172 | 0.821954 |
| cg16454588 | chr5 | 140474184 | PCDHB2 | 0.000092 | 0.000411 | 0.822662 |
| cg00500522 | chr12 | 57504387 | STAT6 | 0.000014 | 0.000062 | 0.823134 |
| cg18006411 | chr8 | 62415183 | ASPH | -0.00005 | 0.000223 | 0.824046 |
| cg16723445 | chr18 | 3451456 | TGIF1 | 0.000012 | 0.000056 | 0.826204 |
| cg26741280 | chr17 | 28563089 | SLC6A4 | -0.000029 | 0.000132 | 0.828199 |
| cg01324474 | chr12 | 54758545 | GPR84 | -0.000053 | 0.000247 | 0.830158 |
| cg23958008 | chr5 | 71753548 | ZNF366 | 0.000029 | 0.000135 | 0.830278 |
| cg05043311 | chr1 | 161179735 | NDUFS2 | -0.000045 | 0.00021 | 0.830348 |
| cg20322862 | chr18 | 3412088 | TGIF1 | -0.000074 | 0.000351 | 0.832124 |
| cg05571558 | chr3 | 10436304 | ATP2B2 | 0.000047 | 0.000222 | 0.832232 |
| cg02512286 | chr13 | 53471318 | PCDH8 | -0.000016 | 0.000074 | 0.833029 |
| cg20253659 | chr2 | 33172002 | LTBP1 | -0.000011 | 0.000052 | 0.833542 |
| cg06114087 | chr13 | 53423940 | PCDH8 | -0.000026 | 0.000124 | 0.833862 |
| cg10807003 | chr5 | 71759007 | ZNF366 | 0.000021 | 0.000099 | 0.834427 |
| cg18584905 | chr17 | 28563300 | SLC6A4 | 0.000024 | 0.000115 | 0.834726 |
| cg02131399 | chr12 | 57521155 | STAT6 | -0.000016 | 0.000079 | 0.839802 |
| cg06501333 | chr4 | 103419193 | NFKB1 | -0.000037 | 0.000181 | 0.839969 |
| cg02377053 | chr2 | 113885838 | IL1RN | 0.000016 | 0.000078 | 0.840718 |
| cg14448116 | chr1 | 161170110 | NDUFS2 | 0.000019 | 0.000093 | 0.841268 |
| cg15473346 | chr1 | 165798420 | UCK2 | -0.000038 | 0.000188 | 0.841431 |
| cg04057238 | chr5 | 71713446 | ZNF366 | -0.00004 | 0.000204 | 0.845615 |
| cg06510617 | chr3 | 10378071 | ATP2B2 | 0.000023 | 0.000121 | 0.846086 |
| cg13879483 | chr12 | 95942907 | USP44 | 0.00004 | 0.000208 | 0.84798 |
| cg04454664 | chr5 | 71748552 | ZNF366 | 0.000023 | 0.00012 | 0.848151 |
| cg27447557 | chr1 | 165796797 | UCK2 | -0.000006 | 0.000029 | 0.849026 |
| cg02279212 | chr12 | 123595647 | PITPNM2 | 0.000016 | 0.000087 | 0.850076 |
| cg09405169 | chr3 | 12329745 | PPARG | 0.00001 | 0.000058 | 0.857486 |
| cg15965542 | chr3 | 10547373 | ATP2B2 | -0.000016 | 0.000094 | 0.862106 |
| cg24967811 | chr12 | 123503709 | PITPNM2 | 0.00004 | 0.000233 | 0.864948 |
| cg21441730 | chr2 | 33245988 | LTBP1 | 0.000012 | 0.000071 | 0.869699 |
| cg25385819 | chr18 | 3445098 | TGIF1 | -0.00004 | 0.000242 | 0.86979 |
| cg18468235 | chr11 | 118066105 | AMICA1 | 0.000026 | 0.000158 | 0.870914 |
| cg03308628 | chr12 | 95942287 | USP44 | -0.000022 | 0.000137 | 0.870983 |
| cg05360958 | chr12 | 15038440 | MGP | 0.000046 | 0.000285 | 0.871064 |
| cg14062067 | chr12 | 57499258 | STAT6 | 0.000014 | 0.000089 | 0.873835 |
| cg05384139 | chr12 | 123548027 | PITPNM2 | 0.000027 | 0.000168 | 0.874146 |
| cg08540622 | chr11 | 59806898 | PLAC1L | -0.000026 | 0.000167 | 0.875647 |
| cg05970311 | chr3 | 10749977 | ATP2B2 | 0.000035 | 0.000229 | 0.877617 |
| cg01261535 | chr16 | 4897216 | UBN1 | -0.000016 | 0.000102 | 0.878572 |
| cg06883126 | chr5 | 140457585 | PCDHB2 | -0.000053 | 0.000352 | 0.881219 |
| cg05471842 | chr11 | 118086770 | AMICA1 | 0.000022 | 0.00015 | 0.882804 |
| cg20729768 | chr3 | 10399379 | ATP2B2 | 0.000023 | 0.000154 | 0.883308 |
| cg01619509 | chr12 | 123476380 | PITPNM2 | -0.000018 | 0.000142 | 0.899355 |
| cg21859053 | chr3 | 12330363 | PPARG | -0.000017 | 0.000135 | 0.901859 |
| cg24374013 | chr3 | 10453037 | ATP2B2 | 0.000017 | 0.000144 | 0.904427 |
| cg16572410 | chr2 | 33467199 | LTBP1 | -0.000028 | 0.000232 | 0.905303 |
| cg22000050 | chr13 | 53425961 | PCDH8 | -0.000039 | 0.000332 | 0.905348 |
| cg27422311 | chr12 | 123626132 | PITPNM2 | -0.000012 | 0.000103 | 0.907593 |
| cg09424923 | chr12 | 123635770 | PITPNM2 | 0.000011 | 0.0001 | 0.908643 |
| cg05868413 | chr11 | 59808049 | PLAC1L | 0.000012 | 0.00011 | 0.909873 |
| cg08900137 | chr1 | 165800129 | UCK2 | -0.000011 | 0.000103 | 0.911561 |
| cg24605341 | chr3 | 10436278 | ATP2B2 | -0.000007 | 0.000059 | 0.911826 |
| cg25663524 | chr4 | 103489295 | NFKB1 | 0.000017 | 0.000155 | 0.912337 |
| cg14372466 | chr18 | 3448468 | TGIF1 | 0.000008 | 0.000071 | 0.914955 |
| cg21414595 | chr12 | 123633306 | PITPNM2 | 0.000011 | 0.0001 | 0.915442 |
| cg16050784 | chr8 | 62626992 | ASPH | 0.000011 | 0.000106 | 0.9164 |
| cg20387556 | chr3 | 12326521 | PPARG | 0.000014 | 0.000142 | 0.918518 |
| cg12377972 | chr5 | 132009630 | IL4 | 0.000016 | 0.000168 | 0.925201 |
| cg04110750 | chr16 | 69646130 | NFAT5 | 0.000012 | 0.000123 | 0.925359 |
| cg21946299 | chr3 | 12329166 | PPARG | -0.00001 | 0.00011 | 0.926934 |
| cg13652008 | chr2 | 33359356 | LTBP1 | 0.000018 | 0.000211 | 0.930317 |
| cg20235117 | chr3 | 10368030 | ATP2B2 | 0.000013 | 0.000149 | 0.930414 |
| cg06350404 | chr18 | 3452443 | TGIF1 | -0.000009 | 0.000108 | 0.935088 |
| cg12754671 | chr1 | 161171876 | NDUFS2 | -0.000011 | 0.000143 | 0.940363 |
| cg20701799 | chr3 | 10549576 | ATP2B2 | -0.000015 | 0.000201 | 0.941846 |
| cg02244028 | chr3 | 38992200 | SCN11A | 0.000008 | 0.000118 | 0.942896 |
| cg00168967 | chr8 | 62505560 | ASPH | 0.000013 | 0.000185 | 0.943923 |
| cg11664417 | chr5 | 71883710 | ZNF366 | 0.000008 | 0.000124 | 0.945647 |
| cg27368523 | chr2 | 113544348 | IL1A | -0.000012 | 0.000189 | 0.947916 |
| cg02948656 | chr12 | 123636505 | PITPNM2 | 0.000008 | 0.000122 | 0.948493 |
| cg09823679 | chr13 | 53425813 | PCDH8 | 0.000005 | 0.000086 | 0.952181 |
| cg10815202 | chr12 | 57521184 | STAT6 | -0.000004 | 0.000074 | 0.954535 |
| cg17692230 | chr4 | 103360578 | NFKB1 | 0.000017 | 0.000295 | 0.955156 |
| cg19797308 | chr12 | 123636175 | PITPNM2 | 0.000006 | 0.000104 | 0.955536 |
| cg05915139 | chr12 | 123582277 | PITPNM2 | -0.000004 | 0.000071 | 0.958498 |
| cg03825810 | chr3 | 38888170 | SCN11A | -0.000007 | 0.00013 | 0.959095 |
| cg22030501 | chr13 | 53456603 | PCDH8 | -0.000007 | 0.000143 | 0.959368 |
| cg00087425 | chr7 | 22766829 | IL6 | -0.000007 | 0.000144 | 0.962523 |
| cg21457909 | chr3 | 148416019 | AGTR1 | -0.000011 | 0.000238 | 0.96424 |
| cg01787821 | chr3 | 10400481 | ATP2B2 | -0.000003 | 0.000061 | 0.964289 |
| cg20906621 | chr3 | 148416308 | AGTR1 | -0.000015 | 0.000334 | 0.964774 |
| cg12568898 | chr13 | 53424049 | PCDH8 | -0.000006 | 0.000147 | 0.96648 |
| cg09883286 | chr12 | 95943114 | USP44 | -0.000014 | 0.000347 | 0.967206 |
| cg26229024 | chr5 | 140473857 | PCDHB2 | -0.00001 | 0.000263 | 0.968859 |
| cg26787239 | chr5 | 132008525 | IL4 | 0.000004 | 0.000095 | 0.970392 |
| cg06841846 | chr17 | 28564094 | SLC6A4 | 0.000005 | 0.000136 | 0.971406 |
| cg05490963 | chr4 | 103423146 | NFKB1 | 0.000002 | 0.000066 | 0.971775 |
| cg21131711 | chr3 | 12325303 | PPARG | 0.000006 | 0.000183 | 0.975239 |
| cg04908300 | chr3 | 12330532 | PPARG | 0.000004 | 0.000166 | 0.978941 |
| cg15175608 | chr12 | 123636717 | PITPNM2 | -0.000002 | 0.00008 | 0.979754 |
| cg25600049 | chr13 | 53419729 | PCDH8 | 0.000004 | 0.000143 | 0.979949 |
| cg04525852 | chr4 | 125632538 | ANKRD50 | -0.000006 | 0.000248 | 0.97995 |
| cg07759258 | chr16 | 4930708 | UBN1 | 0.000002 | 0.000082 | 0.98088 |
| cg16468729 | chr4 | 74606465 | IL8 | 0.000004 | 0.000176 | 0.981367 |
| cg10038085 | chr1 | 165797905 | UCK2 | 0.000001 | 0.000055 | 0.982374 |
| cg01973483 | chr12 | 123591123 | PITPNM2 | 0.000003 | 0.00015 | 0.982448 |
| cg10216151 | chr5 | 71756129 | ZNF366 | 0.000002 | 0.000073 | 0.982822 |
| cg25563625 | chr12 | 123491781 | PITPNM2 | -0.000002 | 0.000083 | 0.98312 |
| cg00562976 | chr12 | 95927545 | USP44 | -0.000003 | 0.000177 | 0.985611 |
| cg12945385 | chrX | 43510990 | MAOA | -0.000002 | 0.000121 | 0.988745 |
| cg14499413 | chr3 | 10749947 | ATP2B2 | -0.000002 | 0.00014 | 0.98944 |
| cg11918124 | chr12 | 123481574 | PITPNM2 | 0.000001 | 0.000084 | 0.990209 |
| cg25974277 | chr5 | 71907094 | ZNF366 | 0.000002 | 0.000186 | 0.991097 |
| cg05142030 | chr8 | 62551054 | ASPH | -0.000001 | 0.000139 | 0.991812 |
| cg00709775 | chr3 | 10369677 | ATP2B2 | 0.000002 | 0.000224 | 0.992331 |
| cg07375883 | chr18 | 3448693 | TGIF1 | 0.000001 | 0.000113 | 0.992862 |
| cg03535807 | chr5 | 71710285 | ZNF366 | 0.000001 | 0.00016 | 0.995757 |
| cg11390960 | chrX | 43517029 | MAOA | -0.000001 | 0.000184 | 0.997561 |
| cg13302154 | chr12 | 15039432 | MGP | 0.000001 | 0.00035 | 0.998435 |
| cg09307742 | chr12 | 123634957 | PITPNM2 | 0.0 | 0.000093 | 0.998992 |
| cg04488758 | chr12 | 95945366 | USP44 | 0.0 | 0.000248 | 0.999013 |
| cg07529654 | chr18 | 3447016 | TGIF1 | -0.0 | 0.000267 | 0.999848 |

## Sheet2
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## Sheet3
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