**Figure S1-1.** GSE51981

**Obraz zawierający tekst, czarne i białe, wzór, krzyżówka

Opis wygenerowany automatycznie**

Obraz zawierający tekst, diagram, czarne i białe, wzór

Opis wygenerowany automatycznie**Figure S1-2.** GSE25628

**Obraz zawierający tekst, czarne i białe, diagram, krzyżówka

Opis wygenerowany automatycznie**

**Figure S1-3.** GSE7307

**Figure S1-4.** Correlation analysis of HRGs

The correlation of important HRGs in four datasets (GSE25628,GSE51981,GSE7305 and GSE7307). The lower left of the image is the scatter diagram and correlation curve between each gene, and the upper right part is the correlation coefficient between each gene.

Obraz zawierający tekst, diagram, linia, czarne i białe

Opis wygenerowany automatycznie \* represents P < 0.005

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Table 1**. DEGs（GSE51981） | | | | | | | |
| Genes | logFC | AveExpr | t | p value | adj. p value | B | id |
| ADAT1 | -1.306527 | 6.1333112 | -6.880416 | 1.61E-10 | 1.10E-06 | 13.575709 | ADAT1 |
| FBXO45 | -1.127649 | 7.5460927 | -6.755946 | 3.10E-10 | 1.11E-06 | 12.954322 | FBXO45 |
| PANX1 | -1.094336 | 7.4923421 | -6.671516 | 4.83E-10 | 1.17E-06 | 12.53609 | PANX1 |
| LOX | -1.52285 | 7.4901131 | -6.520583 | 1.06E-09 | 2.09E-06 | 11.795247 | LOX |
| PPP3R1 | -1.12612 | 6.9578489 | -6.280322 | 3.62E-09 | 5.02E-06 | 10.634804 | PPP3R1 |
| CLSTN2 | -1.15175 | 5.8524243 | -6.250356 | 4.22E-09 | 5.10E-06 | 10.491761 | CLSTN2 |
| ELOVL6 | -1.195214 | 6.3420434 | -6.020104 | 1.33E-08 | 7.71E-06 | 9.4057268 | ELOVL6 |
| COPG2 | -1.243809 | 5.0761381 | -6.012987 | 1.38E-08 | 7.71E-06 | 9.3725357 | COPG2 |
| ZNF462 | -1.063571 | 7.9048586 | -5.947394 | 1.91E-08 | 9.45E-06 | 9.0677272 | ZNF462 |
| TIAM2 | -1.136535 | 5.9150165 | -5.854282 | 3.01E-08 | 1.18E-05 | 8.6384736 | TIAM2 |
| RBBP5 | -1.082486 | 6.2591496 | -5.848899 | 3.10E-08 | 1.18E-05 | 8.6137811 | RBBP5 |
| TMEM17 | -1.244425 | 4.8733261 | -5.808509 | 3.77E-08 | 1.20E-05 | 8.4289613 | TMEM17 |
| MAGI1 | -1.011713 | 8.2620388 | -5.764747 | 4.66E-08 | 1.33E-05 | 8.2295919 | MAGI1 |
| PNMA2 | -1.211459 | 4.8737042 | -5.723085 | 5.69E-08 | 1.45E-05 | 8.0406591 | PNMA2 |
| CCNA1 | -1.526825 | 4.0024143 | -5.703693 | 6.25E-08 | 1.47E-05 | 7.9530055 | CCNA1 |
| EML1 | -1.06072 | 6.4281205 | -5.699881 | 6.36E-08 | 1.47E-05 | 7.9357952 | EML1 |
| USP46 | -1.042955 | 6.7861913 | -5.621892 | 9.24E-08 | 1.64E-05 | 7.5853148 | USP46 |
| AREL1 | -1.013271 | 7.2099132 | -5.598381 | 1.03E-07 | 1.76E-05 | 7.480252 | AREL1 |
| UTP20 | -1.069099 | 5.8081161 | -5.590543 | 1.07E-07 | 1.76E-05 | 7.4452923 | UTP20 |
| LOC100507477 | 1.1230311 | 4.399134 | 5.582528 | 1.11E-07 | 1.79E-05 | 7.4095703 | LOC100507477 |
| SSX2IP | -1.285501 | 5.7148747 | -5.548644 | 1.31E-07 | 1.99E-05 | 7.2589213 | SSX2IP |
| TRIM24 | -1.099371 | 7.4267393 | -5.519223 | 1.50E-07 | 2.12E-05 | 7.1285929 | TRIM24 |
| CEP76 | -1.049925 | 5.9590611 | -5.501268 | 1.64E-07 | 2.16E-05 | 7.0492734 | CEP76 |
| BPGM | -1.032958 | 5.6921632 | -5.498816 | 1.65E-07 | 2.17E-05 | 7.0384523 | BPGM |
| ZAK | -1.025531 | 10.932825 | -5.46406 | 1.95E-07 | 2.31E-05 | 6.8854307 | ZAK |
| MOSPD1 | -1.096786 | 7.1370753 | -5.438392 | 2.20E-07 | 2.47E-05 | 6.7728288 | MOSPD1 |
| TEX9 | -1.036631 | 3.8185046 | -5.410447 | 2.50E-07 | 2.68E-05 | 6.6506285 | TEX9 |
| LAMA1 | -1.290688 | 3.577921 | -5.324552 | 3.72E-07 | 3.29E-05 | 6.2776084 | LAMA1 |
| CDC42BPA | -1.079521 | 8.2401754 | -5.320068 | 3.80E-07 | 3.32E-05 | 6.2582434 | CDC42BPA |
| CCDC113 | -1.124657 | 6.717714 | -5.299546 | 4.18E-07 | 3.49E-05 | 6.1697582 | CCDC113 |
| TMEM117 | -1.070202 | 5.9715471 | -5.241602 | 5.45E-07 | 4.20E-05 | 5.9211503 | TMEM117 |
| CEP128 | -1.1175 | 3.2912566 | -5.230152 | 5.74E-07 | 4.32E-05 | 5.8722427 | CEP128 |
| TMEM206 | -1.049364 | 6.0389629 | -5.226703 | 5.83E-07 | 4.33E-05 | 5.8575238 | TMEM206 |
| ZBED6 | -1.02202 | 4.2196118 | -5.223858 | 5.90E-07 | 4.33E-05 | 5.8453881 | ZBED6 |
| NETO2 | -1.13931 | 6.332704 | -5.180346 | 7.19E-07 | 4.80E-05 | 5.6603354 | NETO2 |
| PCSK5 | -1.564445 | 9.4780596 | -5.134428 | 8.85E-07 | 5.47E-05 | 5.4661915 | PCSK5 |
| PPIG | -1.007574 | 9.2137531 | -5.118802 | 9.50E-07 | 5.63E-05 | 5.4003926 | PPIG |
| TMA16 | -1.044472 | 5.1086337 | -5.082815 | 1.12E-06 | 6.27E-05 | 5.2493818 | TMA16 |
| KIAA1211 | -1.280766 | 6.0759245 | -5.080788 | 1.13E-06 | 6.30E-05 | 5.240898 | KIAA1211 |
| TCAF1 | -1.218668 | 3.3246121 | -5.067486 | 1.20E-06 | 6.50E-05 | 5.1852802 | TCAF1 |
| RCAN1 | -1.2343 | 8.6552712 | -5.062583 | 1.22E-06 | 6.55E-05 | 5.1648079 | RCAN1 |
| ERI1 | -1.063976 | 6.2301238 | -5.049849 | 1.29E-06 | 6.69E-05 | 5.1116952 | ERI1 |
| PLK2 | -1.141958 | 7.9572006 | -5.002331 | 1.60E-06 | 7.65E-05 | 4.9143214 | PLK2 |
| GALNT1 | -1.003022 | 9.0504408 | -4.970399 | 1.84E-06 | 8.08E-05 | 4.7824155 | GALNT1 |
| TXLNG | -1.028911 | 7.0626974 | -4.950862 | 2.00E-06 | 8.35E-05 | 4.7020048 | TXLNG |
| NCEH1 | -1.116782 | 6.157896 | -4.949087 | 2.02E-06 | 8.37E-05 | 4.6947111 | NCEH1 |
| INPP5F | -1.048957 | 8.257759 | -4.949043 | 2.02E-06 | 8.37E-05 | 4.6945306 | INPP5F |
| IFIT3 | -1.022072 | 7.827027 | -4.900969 | 2.50E-06 | 9.62E-05 | 4.497669 | IFIT3 |
| SHCBP1 | -1.428299 | 5.4169995 | -4.888885 | 2.63E-06 | 9.88E-05 | 4.4483982 | SHCBP1 |
| WDR76 | -1.038087 | 3.2009327 | -4.886716 | 2.66E-06 | 9.94E-05 | 4.4395635 | WDR76 |
| TTL | -1.140302 | 7.0984478 | -4.877278 | 2.77E-06 | 0.000102 | 4.4011566 | TTL |
| CTSZ | -1.339113 | 7.6127311 | -4.792803 | 3.99E-06 | 0.0001284 | 4.059734 | CTSZ |
| SWAP70 | -1.099792 | 7.8440206 | -4.776731 | 4.28E-06 | 0.0001339 | 3.9952621 | SWAP70 |
| MTFR2 | -1.047346 | 4.0764194 | -4.738788 | 5.03E-06 | 0.0001448 | 3.843674 | MTFR2 |
| GCNT1 | -1.074894 | 6.2654619 | -4.709359 | 5.71E-06 | 0.0001559 | 3.7267037 | GCNT1 |
| LLPH | -1.003649 | 6.9184752 | -4.652514 | 7.26E-06 | 0.0001777 | 3.5022672 | LLPH |
| SLC27A6 | -1.264512 | 3.6348286 | -4.651148 | 7.31E-06 | 0.0001779 | 3.4968972 | SLC27A6 |
| KBTBD7 | -1.01316 | 7.0276715 | -4.647309 | 7.42E-06 | 0.0001792 | 3.4818164 | KBTBD7 |
| HMCN1 | -1.028833 | 3.871399 | -4.639251 | 7.68E-06 | 0.000183 | 3.4501914 | HMCN1 |
| LGALSL | -1.023768 | 6.4962642 | -4.637707 | 7.73E-06 | 0.0001836 | 3.4441361 | LGALSL |
| NAA15 | -1.04941 | 6.4466495 | -4.633891 | 7.86E-06 | 0.000186 | 3.4291745 | NAA15 |
| SCGB3A1 | 1.7591049 | 5.0315387 | 4.6316833 | 7.93E-06 | 0.0001864 | 3.4205243 | SCGB3A1 |
| SGO2 | -1.074225 | 5.480612 | -4.62846 | 8.04E-06 | 0.0001882 | 3.4078988 | SGO2 |
| ECT2 | -1.136011 | 7.3627316 | -4.612247 | 8.61E-06 | 0.0001954 | 3.3444943 | ECT2 |
| CADM1 | -1.317284 | 8.7272833 | -4.60677 | 8.81E-06 | 0.0001985 | 3.3231143 | CADM1 |
| RIT1 | -1.172886 | 7.1236826 | -4.58818 | 9.52E-06 | 0.0002078 | 3.2506829 | RIT1 |
| F13A1 | -1.249148 | 7.813875 | -4.574321 | 1.01E-05 | 0.0002133 | 3.1968237 | F13A1 |
| MORC4 | -1.198472 | 6.7091191 | -4.55588 | 1.09E-05 | 0.0002246 | 3.1253443 | MORC4 |
| EGFL6 | -1.294496 | 7.2972289 | -4.547293 | 1.13E-05 | 0.0002297 | 3.0921358 | EGFL6 |
| TSC22D4 | 1.0227499 | 6.8395006 | 4.5386498 | 1.17E-05 | 0.0002342 | 3.0587541 | TSC22D4 |
| SPAG1 | -1.142378 | 6.0831643 | -4.537847 | 1.17E-05 | 0.0002348 | 3.0556562 | SPAG1 |
| RPGRIP1L | -1.001363 | 5.0381322 | -4.53526 | 1.19E-05 | 0.0002367 | 3.0456766 | RPGRIP1L |
| PHTF1 | -1.009204 | 4.9586003 | -4.534633 | 1.19E-05 | 0.000237 | 3.0432567 | PHTF1 |
| ANKMY2 | -1.110365 | 7.176093 | -4.526486 | 1.23E-05 | 0.0002434 | 3.0118577 | ANKMY2 |
| SNORD3D | 1.3590623 | 3.6699764 | 4.5219377 | 1.25E-05 | 0.0002469 | 2.994345 | SNORD3D |
| HPS5 | -1.148517 | 6.9834043 | -4.501836 | 1.36E-05 | 0.0002627 | 2.9171092 | HPS5 |
| ZFP90 | -1.007455 | 7.6442326 | -4.483576 | 1.47E-05 | 0.0002746 | 2.8471685 | ZFP90 |
| DCDC2 | -1.247934 | 6.9223078 | -4.480851 | 1.49E-05 | 0.0002762 | 2.8367533 | DCDC2 |
| LMNB1 | -1.102907 | 7.9614433 | -4.467857 | 1.57E-05 | 0.0002858 | 2.7871345 | LMNB1 |
| MSANTD3-TMEFF1 | -1.004578 | 8.3318347 | -4.458459 | 1.63E-05 | 0.0002923 | 2.7513194 | MSANTD3-TMEFF1 |
| PTGER3 | 1.188374 | 5.9496915 | 4.4559341 | 1.65E-05 | 0.0002946 | 2.7417054 | PTGER3 |
| PPP2R5E | -1.002298 | 9.2540849 | -4.442294 | 1.74E-05 | 0.000305 | 2.6898453 | PPP2R5E |
| RND3 | -1.016804 | 9.4908994 | -4.43195 | 1.82E-05 | 0.0003134 | 2.650596 | RND3 |
| RAI14 | -1.052318 | 9.6842056 | -4.42461 | 1.87E-05 | 0.000319 | 2.6227868 | RAI14 |
| ST6GAL2 | -1.188109 | 6.6541082 | -4.40461 | 2.03E-05 | 0.0003358 | 2.5471879 | ST6GAL2 |
| C1QTNF7 | -1.051805 | 5.192693 | -4.385328 | 2.20E-05 | 0.0003514 | 2.4745502 | C1QTNF7 |
| PSD3 | -1.035157 | 8.2369912 | -4.37388 | 2.30E-05 | 0.0003631 | 2.4315384 | PSD3 |
| CEP83 | -1.112343 | 5.961461 | -4.354337 | 2.49E-05 | 0.0003777 | 2.3583129 | CEP83 |
| TUNAR | -1.337799 | 7.4686208 | -4.352193 | 2.51E-05 | 0.0003798 | 2.350293 | TUNAR |
| RASGRP1 | -1.103059 | 6.3606954 | -4.347901 | 2.56E-05 | 0.0003851 | 2.3342521 | RASGRP1 |
| ZNF271P | -1.052349 | 7.0520422 | -4.333578 | 2.71E-05 | 0.0004011 | 2.280804 | ZNF271P |
| FRY | -1.002418 | 5.2978663 | -4.330052 | 2.75E-05 | 0.0004049 | 2.2676663 | FRY |
| AURKA | -1.222875 | 5.8783094 | -4.321835 | 2.84E-05 | 0.0004115 | 2.2370842 | AURKA |
| CAPSL | -1.177444 | 5.1638031 | -4.280089 | 3.36E-05 | 0.0004566 | 2.0823957 | CAPSL |
| EZH2 | -1.266918 | 6.0869095 | -4.27254 | 3.46E-05 | 0.0004646 | 2.0545477 | EZH2 |
| GRB14 | -1.01601 | 3.0344886 | -4.233406 | 4.04E-05 | 0.0005177 | 1.9107889 | GRB14 |
| BUB1 | -1.175993 | 4.3280192 | -4.23307 | 4.05E-05 | 0.0005181 | 1.9095579 | BUB1 |
| RGS7BP | -1.220041 | 3.6429246 | -4.226248 | 4.16E-05 | 0.0005263 | 1.8846023 | RGS7BP |
| MSRB3 | -1.005185 | 7.4616291 | -4.219998 | 4.26E-05 | 0.0005368 | 1.8617668 | MSRB3 |
| JUNB | 1.2474991 | 9.5259069 | 4.2083107 | 4.46E-05 | 0.0005538 | 1.819138 | JUNB |
| PLPPR4 | -1.003639 | 6.1166112 | -4.192753 | 4.75E-05 | 0.0005763 | 1.7625332 | PLPPR4 |
| BPIFB1 | 1.7427432 | 3.5347465 | 4.1925715 | 4.75E-05 | 0.0005764 | 1.7618737 | BPIFB1 |
| MUC5B | 1.8426975 | 4.881132 | 4.1742063 | 5.10E-05 | 0.0006063 | 1.6952663 | MUC5B |
| EPB41L3 | -1.018314 | 6.5171683 | -4.166412 | 5.26E-05 | 0.0006184 | 1.6670653 | EPB41L3 |
| CDH2 | -1.001677 | 8.0527748 | -4.141946 | 5.79E-05 | 0.0006577 | 1.578815 | CDH2 |
| CCNE2 | -1.051403 | 4.2789439 | -4.116856 | 6.38E-05 | 0.0007082 | 1.4887404 | CCNE2 |
| FAM72A | -1.119985 | 5.9996075 | -4.091505 | 7.04E-05 | 0.0007545 | 1.3981599 | FAM72A |
| UPF3B | -1.089705 | 6.4582272 | -4.088805 | 7.12E-05 | 0.00076 | 1.3885387 | UPF3B |
| RSPH1 | -1.003725 | 7.5277687 | -4.084415 | 7.24E-05 | 0.0007675 | 1.372906 | RSPH1 |
| C9orf135 | -1.236136 | 5.477893 | -4.067436 | 7.73E-05 | 0.0008026 | 1.3125717 | C9orf135 |
| NEDD9 | -1.003684 | 9.455343 | -4.053848 | 8.15E-05 | 0.0008334 | 1.2644276 | NEDD9 |
| LOC102724951 | -1.138242 | 8.356203 | -4.028845 | 8.97E-05 | 0.0008882 | 1.1761774 | LOC102724951 |
| IQCG | -1.012828 | 5.2226438 | -4.008963 | 9.67E-05 | 0.0009356 | 1.1063094 | IQCG |
| BAG2 | -1.156565 | 6.6505962 | -3.996053 | 0.0001016 | 0.0009668 | 1.0610894 | BAG2 |
| BRIP1 | -1.046751 | 3.6380044 | -3.989114 | 0.0001043 | 0.0009862 | 1.0368319 | BRIP1 |
| ETV1 | -1.251339 | 4.7784764 | -3.973915 | 0.0001105 | 0.001034 | 0.9838162 | ETV1 |
| CENPE | -1.098731 | 3.5743499 | -3.965113 | 0.0001143 | 0.0010581 | 0.9531872 | CENPE |
| LOC107985971 | -1.008003 | 5.149153 | -3.964773 | 0.0001144 | 0.0010581 | 0.9520045 | LOC107985971 |
| IFI44L | -1.065818 | 4.2679022 | -3.951441 | 0.0001203 | 0.0010977 | 0.9057212 | IFI44L |
| MSH2 | -1.069659 | 6.8412072 | -3.944862 | 0.0001233 | 0.0011156 | 0.8829258 | MSH2 |
| ZNF23 | -1.08706 | 4.829775 | -3.936277 | 0.0001274 | 0.0011425 | 0.8532284 | ZNF23 |
| PIP5K1B | -1.188887 | 7.5022818 | -3.923778 | 0.0001335 | 0.0011822 | 0.8100816 | PIP5K1B |
| CPM | -1.718156 | 8.5853697 | -3.914756 | 0.0001381 | 0.0012094 | 0.779008 | CPM |
| EPHA5 | -1.056035 | 3.6321985 | -3.906253 | 0.0001426 | 0.0012349 | 0.7497726 | EPHA5 |
| ENPP5 | -1.064162 | 5.2738575 | -3.903084 | 0.0001443 | 0.0012439 | 0.7388916 | ENPP5 |
| ORM2 | -1.230743 | 4.4046467 | -3.885807 | 0.0001539 | 0.0012979 | 0.6796852 | ORM2 |
| EIF4G3 | -1.099502 | 7.3634894 | -3.859183 | 0.00017 | 0.0013962 | 0.5888672 | EIF4G3 |
| SPATA18 | -1.020788 | 7.0671009 | -3.855374 | 0.0001724 | 0.0014134 | 0.575914 | SPATA18 |
| ANK2 | -1.556427 | 5.5914039 | -3.84785 | 0.0001773 | 0.0014446 | 0.5503624 | ANK2 |
| PAG1 | -1.10188 | 6.5218849 | -3.844578 | 0.0001794 | 0.0014562 | 0.5392602 | PAG1 |
| OLFM4 | -1.707977 | 6.2089417 | -3.824078 | 0.0001935 | 0.0015336 | 0.4698899 | OLFM4 |
| LRRC3B | -1.187514 | 4.6834942 | -3.813894 | 0.0002009 | 0.0015742 | 0.4355413 | LRRC3B |
| CA2 | -1.064568 | 4.6743556 | -3.808727 | 0.0002048 | 0.0015955 | 0.4181418 | CA2 |
| NUF2 | -1.084786 | 5.7401698 | -3.808392 | 0.000205 | 0.0015969 | 0.4170131 | NUF2 |
| PMAIP1 | -1.246577 | 6.747375 | -3.784655 | 0.0002237 | 0.0017056 | 0.337333 | PMAIP1 |
| ARHGEF26 | -1.033961 | 6.0931397 | -3.783958 | 0.0002243 | 0.0017088 | 0.3350004 | ARHGEF26 |
| VTCN1 | -1.222503 | 6.24729 | -3.765521 | 0.0002399 | 0.0017848 | 0.2734006 | VTCN1 |
| SNTN | -1.229343 | 5.4991464 | -3.7604 | 0.0002444 | 0.0018066 | 0.2563342 | SNTN |
| WIF1 | -1.515132 | 4.5592644 | -3.754678 | 0.0002496 | 0.0018353 | 0.2372893 | WIF1 |
| GCLC | -1.022438 | 8.8920975 | -3.744603 | 0.0002589 | 0.0018847 | 0.2038103 | GCLC |
| CDK1 | -1.02573 | 8.6162946 | -3.733635 | 0.0002694 | 0.0019334 | 0.1674486 | CDK1 |
| ITGA9 | -1.013221 | 6.6455588 | -3.71333 | 0.0002899 | 0.0020351 | 0.1003649 | ITGA9 |
| MTUS2 | -1.108724 | 3.3721743 | -3.711884 | 0.0002915 | 0.0020414 | 0.0955981 | MTUS2 |
| ELN | 1.3084047 | 7.7979119 | 3.6533048 | 0.0003597 | 0.0023751 | -0.096187 | ELN |
| TNFRSF19 | -1.115909 | 5.5924349 | -3.630725 | 0.0003898 | 0.0025286 | -0.169439 | TNFRSF19 |
| FKBP8 | 1.0491157 | 7.4243489 | 3.6181333 | 0.0004076 | 0.0026115 | -0.210124 | FKBP8 |
| FCGBP | 1.1376478 | 6.8476965 | 3.6007481 | 0.0004334 | 0.0027297 | -0.266104 | FCGBP |
| CDC20B | -1.42722 | 4.0186689 | -3.58213 | 0.0004629 | 0.0028724 | -0.325806 | CDC20B |
| TFF3 | 1.2379296 | 5.9576709 | 3.5273836 | 0.0005606 | 0.0033126 | -0.499862 | TFF3 |
| KIF11 | -1.178151 | 5.2470692 | -3.522622 | 0.0005699 | 0.0033524 | -0.514893 | KIF11 |
| ANLN | -1.219009 | 6.3169975 | -3.507513 | 0.0006006 | 0.0034857 | -0.562482 | ANLN |
| DIO2 | -1.125819 | 8.9344602 | -3.490363 | 0.0006373 | 0.0036259 | -0.616289 | DIO2 |
| E2F7 | -1.074879 | 4.1653022 | -3.489907 | 0.0006383 | 0.0036273 | -0.617714 | E2F7 |
| FAM81B | -1.003847 | 4.9878549 | -3.485212 | 0.0006488 | 0.0036759 | -0.632405 | FAM81B |
| FOS | 1.8753313 | 8.9592571 | 3.4825561 | 0.0006547 | 0.0037001 | -0.640708 | FOS |
| TSIX | -1.043987 | 5.7938086 | -3.459623 | 0.0007085 | 0.0039242 | -0.712175 | TSIX |
| APOD | 1.2527691 | 10.69531 | 3.4478044 | 0.0007377 | 0.0040432 | -0.748852 | APOD |
| PRC1 | -1.10705 | 6.6547515 | -3.379176 | 0.0009315 | 0.0048149 | -0.959718 | PRC1 |
| LOC100505984 | -1.392921 | 4.8053575 | -3.365618 | 0.000975 | 0.0049814 | -1.000952 | LOC100505984 |
| ADAM12 | -1.375374 | 7.4386997 | -3.362726 | 0.0009845 | 0.0050128 | -1.009727 | ADAM12 |
| APOBEC3B | -1.027838 | 7.1622738 | -3.361924 | 0.0009872 | 0.0050217 | -1.012162 | APOBEC3B |
| NEFM | -1.067312 | 5.2749528 | -3.361649 | 0.0009881 | 0.0050228 | -1.012995 | NEFM |
| DLGAP5 | -1.193649 | 5.3626529 | -3.356465 | 0.0010054 | 0.0050872 | -1.028708 | DLGAP5 |
| PNMAL1 | -1.086355 | 6.4947867 | -3.342138 | 0.0010549 | 0.0052894 | -1.072025 | PNMAL1 |
| PPP2R2C | -1.252989 | 7.5554136 | -3.316662 | 0.0011484 | 0.0056492 | -1.148658 | PPP2R2C |
| LINC00645 | -1.116161 | 4.2815201 | -3.28743 | 0.0012653 | 0.0060933 | -1.235971 | LINC00645 |
| CCNB1 | -1.068842 | 7.3425297 | -3.265431 | 0.0013605 | 0.0064321 | -1.301242 | CCNB1 |
| CENPU | -1.048187 | 7.6990752 | -3.264605 | 0.0013642 | 0.006444 | -1.303685 | CENPU |
| LGR5 | -1.203828 | 7.1821635 | -3.263162 | 0.0013707 | 0.0064592 | -1.307951 | LGR5 |
| EXOSC7 | 1.2388333 | 9.80314 | 3.2366581 | 0.0014951 | 0.006921 | -1.386042 | EXOSC7 |
| CRISPLD1 | -1.22133 | 7.2351497 | -3.205887 | 0.0016527 | 0.0074276 | -1.476015 | CRISPLD1 |
| CA4 | 1.144317 | 5.2164884 | 3.1855971 | 0.0017649 | 0.0078029 | -1.534935 | CA4 |
| RRM2 | -1.020326 | 8.5785792 | -3.166466 | 0.0018772 | 0.0081893 | -1.590194 | RRM2 |
| LTF | 1.0655804 | 5.2167906 | 3.1361542 | 0.0020686 | 0.0088161 | -1.677154 | LTF |
| HSPB6 | 1.0668943 | 7.495675 | 3.0998417 | 0.0023218 | 0.0095961 | -1.780371 | HSPB6 |
| NPAS3 | -1.009776 | 7.1624899 | -3.038313 | 0.0028172 | 0.0111275 | -1.952865 | NPAS3 |
| FOSB | 1.7688214 | 7.3849232 | 3.0344132 | 0.0028516 | 0.011231 | -1.963695 | FOSB |
| ASPM | -1.139129 | 5.784294 | -2.995311 | 0.0032194 | 0.0123943 | -2.071616 | ASPM |
| GALNT12 | -1.015043 | 5.63765 | -2.982085 | 0.0033533 | 0.0128282 | -2.107842 | GALNT12 |
| STXBP6 | -1.016087 | 7.9396079 | -2.938378 | 0.0038333 | 0.0142386 | -2.226543 | STXBP6 |
| CCDC146 | -1.010177 | 7.3438205 | -2.908511 | 0.0041967 | 0.0152934 | -2.306765 | CCDC146 |
| PBK | -1.067858 | 5.6195037 | -2.89326 | 0.0043942 | 0.0158564 | -2.347448 | PBK |
| MTCL1 | -1.002481 | 6.9041564 | -2.85002 | 0.0050013 | 0.0176033 | -2.46176 | MTCL1 |
| CTSW | 1.3116998 | 7.5091285 | 2.8451149 | 0.0050748 | 0.0177787 | -2.474631 | CTSW |
| KMO | -1.273504 | 6.0240238 | -2.762125 | 0.0064776 | 0.0215412 | -2.689383 | KMO |
| FXYD2 | 1.1086466 | 5.0681821 | 2.6714267 | 0.0084065 | 0.0263749 | -2.917543 | FXYD2 |
| MMP7 | -1.309169 | 8.1680643 | -2.570314 | 0.0111567 | 0.032955 | -3.163769 | MMP7 |
| CFD | 1.1313282 | 9.3950532 | 2.4911762 | 0.0138459 | 0.0389368 | -3.350438 | CFD |
| OVGP1 | -1.115121 | 6.1095815 | -2.445141 | 0.0156637 | 0.0427714 | -3.456564 | OVGP1 |
| ACKR1 | 1.081953 | 6.3452335 | 2.3759829 | 0.0187937 | 0.0493602 | -3.612573 | ACKR1 |
| POSTN | -1.072016 | 7.6376488 | -2.330048 | 0.0211669 | 0.054236 | -3.71391 | POSTN |
| LEFTY1 | 1.3695677 | 7.3257286 | 2.3101647 | 0.0222733 | 0.056537 | -3.757205 | LEFTY1 |
| CST1 | 1.0609407 | 6.3005413 | 2.2650027 | 0.0249771 | 0.0619359 | -3.854266 | CST1 |
| MMP26 | -1.286892 | 8.777679 | -1.996885 | 0.0476874 | 0.1025441 | -4.393516 | MMP26 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Table 2.** DEGs（GSE25628） | | | | | | | |
| Genes | logFC | AveExpr | t | P value | adj. p value | B | id |
| LMO3 | 3.3941141 | 4.5799546 | 7.1648122 | 3.03E-07 | 0.0039748 | 6.6785404 | LMO3 |
| MYOM1 | 1.1688648 | 5.3598866 | 6.7794328 | 7.22E-07 | 0.0047284 | 5.9045954 | MYOM1 |
| TACR2 | 1.0484267 | 5.0770375 | 6.5449554 | 1.23E-06 | 0.0047955 | 5.4225107 | TACR2 |
| MMP28 | 1.6944036 | 4.3383245 | 6.2370177 | 2.52E-06 | 0.0047955 | 4.7770777 | MMP28 |
| PLVAP | 2.3141798 | 7.6261802 | 6.1736568 | 2.93E-06 | 0.0047955 | 4.6426056 | PLVAP |
| SCRG1 | 2.7454035 | 5.6124312 | 6.1487238 | 3.10E-06 | 0.0047955 | 4.5895385 | SCRG1 |
| HSPB7 | 2.3277491 | 5.8549277 | 6.127418 | 3.26E-06 | 0.0047955 | 4.5441243 | HSPB7 |
| MYOT | 1.2058846 | 3.0426912 | 6.0964509 | 3.51E-06 | 0.0047955 | 4.4780071 | MYOT |
| CASQ2 | 1.8054632 | 5.4965325 | 6.0515456 | 3.90E-06 | 0.0047955 | 4.3819022 | CASQ2 |
| DPT | 3.1326376 | 7.6647565 | 6.0418921 | 3.99E-06 | 0.0047955 | 4.3612072 | DPT |
| LOC100996693 | 1.2480968 | 6.9667724 | 6.0383122 | 4.03E-06 | 0.0047955 | 4.3535294 | LOC100996693 |
| SOAT1 | -1.144433 | 5.5392699 | -5.986653 | 4.55E-06 | 0.0047962 | 4.24255 | SOAT1 |
| ITGA7 | 1.8674878 | 7.0951324 | 5.9510355 | 4.95E-06 | 0.0047962 | 4.1658315 | ITGA7 |
| SUPT20H | 2.5287407 | 8.1292702 | 5.9211346 | 5.32E-06 | 0.0047962 | 4.1013 | SUPT20H |
| PIR-FIGF | 1.8630662 | 4.2841975 | 5.907129 | 5.50E-06 | 0.0047962 | 4.0710345 | PIR-FIGF |
| MEGF6 | 1.0476997 | 6.7311243 | 5.8701488 | 6.00E-06 | 0.0047962 | 3.9910027 | MEGF6 |
| DES | 3.516951 | 7.277247 | 5.842389 | 6.41E-06 | 0.0047962 | 3.9308135 | DES |
| COLGALT2 | 1.3032833 | 5.239514 | 5.7585756 | 7.83E-06 | 0.0053989 | 3.7485153 | COLGALT2 |
| SLITRK3 | 1.9237835 | 3.6834122 | 5.57126 | 1.23E-05 | 0.0076589 | 3.3381173 | SLITRK3 |
| GCLM | -1.024316 | 6.9963254 | -5.519427 | 1.39E-05 | 0.0082844 | 3.2238642 | GCLM |
| CHRDL1 | 2.8954762 | 7.5519842 | 5.3950156 | 1.88E-05 | 0.0087333 | 2.9484887 | CHRDL1 |
| SELP | 2.2004894 | 6.6320888 | 5.3899776 | 1.90E-05 | 0.0087333 | 2.9373049 | SELP |
| SGCA | 1.5727191 | 4.2326031 | 5.3713197 | 1.99E-05 | 0.0087333 | 2.8958646 | SGCA |
| SGCG | 1.6692868 | 3.9589339 | 5.369521 | 2.00E-05 | 0.0087333 | 2.891868 | SGCG |
| NGFR | 1.759041 | 5.1406874 | 5.3262259 | 2.22E-05 | 0.0088957 | 2.7955721 | NGFR |
| PDE2A | 2.1183803 | 6.6279461 | 5.3226973 | 2.24E-05 | 0.0088957 | 2.7877164 | PDE2A |
| EPHA3 | 2.2008051 | 3.2481185 | 5.2678618 | 2.56E-05 | 0.0098664 | 2.6654869 | EPHA3 |
| LIMS2 | 1.988714 | 7.9590381 | 5.2529611 | 2.66E-05 | 0.0099388 | 2.6322266 | LIMS2 |
| FLNC | 1.3920587 | 7.6762336 | 5.2310232 | 2.80E-05 | 0.0101933 | 2.583223 | FLNC |
| MEOX2 | 2.5511422 | 3.324702 | 5.1887791 | 3.11E-05 | 0.0108083 | 2.4887457 | MEOX2 |
| NRN1 | 1.8491604 | 6.3666691 | 5.1724574 | 3.23E-05 | 0.0108083 | 2.4522032 | NRN1 |
| FXYD1 | 2.3513746 | 8.3751988 | 5.1573537 | 3.35E-05 | 0.0108083 | 2.4183684 | FXYD1 |
| PTGFR | 1.4738513 | 5.1956024 | 5.134952 | 3.54E-05 | 0.0108083 | 2.3681518 | PTGFR |
| CSPG4 | 1.2128814 | 6.1334281 | 5.1314713 | 3.57E-05 | 0.0108083 | 2.3603458 | CSPG4 |
| KCNMB1 | 3.3050693 | 6.6075107 | 5.1312838 | 3.57E-05 | 0.0108083 | 2.3599253 | KCNMB1 |
| ADH1B | 4.0630403 | 5.2385019 | 5.1170986 | 3.70E-05 | 0.0108083 | 2.3281026 | ADH1B |
| HOXC10 | 1.9000847 | 4.6520263 | 5.1052416 | 3.81E-05 | 0.0108083 | 2.3014913 | HOXC10 |
| LRRD1 | -1.289941 | 7.2129398 | -5.096199 | 3.89E-05 | 0.0108083 | 2.2811889 | LRRD1 |
| HOXA7 | 1.1312257 | 6.5607391 | 5.0954059 | 3.90E-05 | 0.0108083 | 2.2794086 | HOXA7 |
| GAS6 | 1.3589108 | 10.745381 | 5.0892734 | 3.96E-05 | 0.0108083 | 2.2656363 | GAS6 |
| NDUFA4L2 | 1.2211315 | 6.6363713 | 5.0623231 | 4.23E-05 | 0.0111078 | 2.2050796 | NDUFA4L2 |
| PCP4 | 3.221539 | 5.8765419 | 5.0614346 | 4.24E-05 | 0.0111078 | 2.2030823 | PCP4 |
| NXPH3 | 1.1196977 | 6.6549601 | 5.0302393 | 4.58E-05 | 0.0115289 | 2.1329201 | NXPH3 |
| GSN | 1.0211282 | 11.758528 | 4.9677064 | 5.34E-05 | 0.0129423 | 1.992077 | GSN |
| AGTR1 | 2.3452937 | 4.7369627 | 4.9476304 | 5.60E-05 | 0.013349 | 1.9468064 | AGTR1 |
| CNN1 | 3.5489042 | 8.076822 | 4.9388369 | 5.73E-05 | 0.0133968 | 1.9269695 | CNN1 |
| BMP4 | 1.1226895 | 7.2306149 | 4.9286061 | 5.87E-05 | 0.0134967 | 1.9038844 | BMP4 |
| MEOX1 | 1.8308401 | 5.9424788 | 4.8972352 | 6.34E-05 | 0.0140842 | 1.8330598 | MEOX1 |
| AQP1 | 3.0484386 | 8.3077012 | 4.856607 | 7.01E-05 | 0.0148109 | 1.7412535 | AQP1 |
| ACACB | 1.3301498 | 7.5076848 | 4.804399 | 7.97E-05 | 0.0165744 | 1.6231547 | ACACB |
| PDE1A | 1.7224087 | 5.6504074 | 4.7781536 | 8.50E-05 | 0.0171791 | 1.5637361 | PDE1A |
| HIGD1B | 1.0736048 | 6.8556756 | 4.7768028 | 8.53E-05 | 0.0171791 | 1.5606772 | HIGD1B |
| PDLIM3 | 3.1908038 | 7.0531765 | 4.7692346 | 8.69E-05 | 0.0171791 | 1.5435368 | PDLIM3 |
| CPEB1 | 1.2706303 | 6.2435844 | 4.764461 | 8.80E-05 | 0.0171791 | 1.5327244 | CPEB1 |
| SERINC5 | -1.295508 | 9.7850571 | -4.758847 | 8.92E-05 | 0.0171791 | 1.520007 | SERINC5 |
| PRPH | 1.0210306 | 5.8788224 | 4.7510161 | 9.09E-05 | 0.01726 | 1.5022658 | PRPH |
| LOC101930241 | 1.5629282 | 6.5611625 | 4.7284233 | 9.61E-05 | 0.0179877 | 1.4510664 | LOC101930241 |
| AGT | 1.2873833 | 5.3765488 | 4.6909325 | 0.0001054 | 0.0187352 | 1.3660622 | AGT |
| S100B | 1.8569755 | 4.7021649 | 4.6893747 | 0.0001058 | 0.0187352 | 1.3625291 | S100B |
| CDH19 | 1.352396 | 2.6903514 | 4.6772059 | 0.0001091 | 0.0189877 | 1.334927 | CDH19 |
| COX7A1 | 1.3395837 | 9.5309796 | 4.6687314 | 0.0001114 | 0.0189877 | 1.3157015 | COX7A1 |
| LGALS2 | 1.0273521 | 5.6223907 | 4.6667764 | 0.0001119 | 0.0189877 | 1.3112662 | LGALS2 |
| CCL15-CCL14 | 2.8592455 | 8.574379 | 4.6626085 | 0.0001131 | 0.0189877 | 1.3018096 | CCL15-CCL14 |
| MN1 | 2.3235791 | 6.6759573 | 4.6448017 | 0.0001181 | 0.0194399 | 1.261402 | MN1 |
| STARD8 | 1.0630096 | 6.7894505 | 4.6398339 | 0.0001196 | 0.0194399 | 1.250127 | STARD8 |
| AOC3 | 2.9203927 | 6.7425644 | 4.6280834 | 0.0001231 | 0.0194399 | 1.2234556 | AOC3 |
| RBM47 | -2.006205 | 9.0855924 | -4.623834 | 0.0001244 | 0.0194399 | 1.2138093 | RBM47 |
| CSRP1 | 1.6016231 | 10.835981 | 4.6170749 | 0.0001265 | 0.0194962 | 1.1984649 | CSRP1 |
| ZFHX4 | 1.8697014 | 5.4677232 | 4.6030279 | 0.000131 | 0.0197356 | 1.1665719 | ZFHX4 |
| BCHE | 2.5742177 | 5.5317786 | 4.5809407 | 0.0001383 | 0.0197356 | 1.116414 | BCHE |
| SYNM | 2.2654597 | 6.6210666 | 4.5735496 | 0.0001409 | 0.0197356 | 1.0996271 | SYNM |
| HSPB8 | 1.7466973 | 7.874231 | 4.5665643 | 0.0001433 | 0.0197356 | 1.0837609 | HSPB8 |
| PHYHIP | 1.4192107 | 6.6255932 | 4.5604692 | 0.0001455 | 0.0197356 | 1.0699158 | PHYHIP |
| ADIRF | 2.5885563 | 8.8751153 | 4.5586625 | 0.0001461 | 0.0197356 | 1.0658115 | ADIRF |
| ARFGAP3 | -1.250773 | 9.0406496 | -4.551674 | 0.0001487 | 0.0197356 | 1.0499359 | ARFGAP3 |
| MCM9 | -1.201868 | 6.5321481 | -4.542285 | 0.0001522 | 0.0197356 | 1.0286057 | MCM9 |
| ETNK1 | -1.294525 | 6.9496347 | -4.526997 | 0.000158 | 0.0200824 | 0.9938697 | ETNK1 |
| GFPT1 | -1.259403 | 7.8808203 | -4.523384 | 0.0001594 | 0.0200824 | 0.9856614 | GFPT1 |
| PKP2 | -2.006712 | 6.6549234 | -4.499502 | 0.0001691 | 0.0209914 | 0.9313916 | PKP2 |
| SNX24 | -1.01793 | 6.7560118 | -4.497754 | 0.0001699 | 0.0209914 | 0.9274187 | SNX24 |
| MMRN2 | 1.9636597 | 7.3401073 | 4.4591735 | 0.0001869 | 0.0224553 | 0.8397349 | MMRN2 |
| HSPB2 | 1.4852966 | 7.0363243 | 4.4332798 | 0.0001992 | 0.0235078 | 0.7808783 | HSPB2 |
| CCL19 | 2.3755985 | 6.2044798 | 4.4284933 | 0.0002016 | 0.0235751 | 0.7699982 | CCL19 |
| SRPX | 1.8200007 | 9.2722115 | 4.4236483 | 0.000204 | 0.0236319 | 0.758985 | SRPX |
| DMPK | 1.0643402 | 6.7356925 | 4.395225 | 0.0002188 | 0.0238479 | 0.6943755 | DMPK |
| PLN | 2.5950106 | 6.2025798 | 4.3892076 | 0.0002221 | 0.0238479 | 0.6806974 | PLN |
| RNF170 | -1.055265 | 5.5473034 | -4.383078 | 0.0002255 | 0.0238479 | 0.6667648 | RNF170 |
| PRELP | 3.4862581 | 7.2497011 | 4.3801169 | 0.0002272 | 0.0238479 | 0.6600335 | PRELP |
| TPSB2 | 2.2926985 | 7.2638789 | 4.3741713 | 0.0002305 | 0.0238479 | 0.6465187 | TPSB2 |
| CPE | 2.0952699 | 7.6541831 | 4.3729769 | 0.0002312 | 0.0238479 | 0.6438037 | CPE |
| RELN | 1.1982022 | 6.6560414 | 4.3601336 | 0.0002387 | 0.0243074 | 0.6146107 | RELN |
| PTGER3 | 1.3208701 | 5.9333261 | 4.3250204 | 0.0002603 | 0.0244709 | 0.5348039 | PTGER3 |
| NNT | -1.184455 | 6.7005623 | -4.319291 | 0.000264 | 0.0244709 | 0.5217833 | NNT |
| ITGB1BP2 | 1.3304908 | 5.0060817 | 4.3162775 | 0.000266 | 0.0244709 | 0.5149346 | ITGB1BP2 |
| ZNF217 | -1.161349 | 7.965156 | -4.311318 | 0.0002693 | 0.0244709 | 0.5036634 | ZNF217 |
| MMP23A | 2.2436844 | 6.5230943 | 4.3088313 | 0.0002709 | 0.0244709 | 0.498013 | MMP23A |
| MPZ | 1.6728952 | 4.8652426 | 4.3030395 | 0.0002748 | 0.0244709 | 0.4848514 | MPZ |
| SYNE3 | 1.3792195 | 7.740769 | 4.266903 | 0.0003005 | 0.0256883 | 0.4027452 | SYNE3 |
| ISL1 | 1.3509723 | 3.6377907 | 4.2648824 | 0.000302 | 0.0256883 | 0.3981548 | ISL1 |
| KCNH2 | 1.4571356 | 7.4132634 | 4.259012 | 0.0003064 | 0.0258954 | 0.384819 | KCNH2 |
| IL11RA | 1.3398803 | 7.0512099 | 4.2123924 | 0.0003438 | 0.028074 | 0.2789407 | IL11RA |
| CMA1 | 1.411074 | 4.8032182 | 4.2109324 | 0.0003451 | 0.028074 | 0.2756259 | CMA1 |
| GPC3 | 3.0900277 | 6.4768213 | 4.2062208 | 0.0003491 | 0.0281329 | 0.2649285 | GPC3 |
| MGP | 2.2684918 | 11.357654 | 4.2050832 | 0.0003501 | 0.0281329 | 0.2623458 | MGP |
| TSPAN7 | 1.6531482 | 7.7328137 | 4.1965309 | 0.0003575 | 0.0283851 | 0.2429304 | TSPAN7 |
| NKX3-2 | 1.1718887 | 3.9519225 | 4.1919425 | 0.0003616 | 0.0285356 | 0.2325146 | NKX3-2 |
| RPRD1A | -1.069863 | 6.398561 | -4.179836 | 0.0003726 | 0.0290566 | 0.2050364 | RPRD1A |
| KCNA5 | 1.1926676 | 4.9599825 | 4.1774742 | 0.0003748 | 0.0290566 | 0.1996759 | KCNA5 |
| ADIPOQ | 1.633509 | 2.9406617 | 4.1773604 | 0.0003749 | 0.0290566 | 0.1994175 | ADIPOQ |
| NGF | 1.2808523 | 6.4027046 | 4.1662744 | 0.0003853 | 0.0292368 | 0.1742603 | NGF |
| FOS | 3.3534021 | 8.201466 | 4.1653802 | 0.0003861 | 0.0292368 | 0.1722313 | FOS |
| JAM2 | 1.7019133 | 8.4857946 | 4.1514937 | 0.0003996 | 0.0299105 | 0.140725 | JAM2 |
| FMO2 | 1.2167373 | 5.067605 | 4.1474146 | 0.0004036 | 0.0299144 | 0.1314715 | FMO2 |
| RERGL | 1.6017327 | 5.3984664 | 4.1452399 | 0.0004058 | 0.0299144 | 0.1265385 | RERGL |
| EPB41L4B | -1.62163 | 7.3775867 | -4.144553 | 0.0004065 | 0.0299144 | 0.1249809 | EPB41L4B |
| RCOR1 | -1.137042 | 7.5525024 | -4.135836 | 0.0004153 | 0.0302293 | 0.105208 | RCOR1 |
| FZD7 | 2.9429205 | 7.0993146 | 4.135368 | 0.0004158 | 0.0302293 | 0.1041474 | FZD7 |
| TPSAB1 | 2.2402649 | 7.1331698 | 4.1335375 | 0.0004177 | 0.0302293 | 0.099996 | TPSAB1 |
| LOC100653057 | 1.5381716 | 7.3876134 | 4.1309315 | 0.0004204 | 0.0302572 | 0.094086 | LOC100653057 |
| ELOVL5 | -1.028353 | 9.83821 | -4.12412 | 0.0004275 | 0.0304355 | 0.0786397 | ELOVL5 |
| FOSB | 3.2132816 | 7.0363358 | 4.1193396 | 0.0004326 | 0.0306302 | 0.0678006 | FOSB |
| CLDN5 | 1.6107926 | 7.9856932 | 4.0883728 | 0.0004669 | 0.0321915 | -0.00239 | CLDN5 |
| PCOLCE2 | 2.1480861 | 5.6754819 | 4.0774841 | 0.0004796 | 0.0327647 | -0.027061 | PCOLCE2 |
| GPER1 | 1.0147181 | 6.633542 | 4.0734396 | 0.0004845 | 0.0328799 | -0.036223 | GPER1 |
| HCFC1R1 | 1.1486555 | 9.1707731 | 4.0609462 | 0.0004996 | 0.03321 | -0.06452 | HCFC1R1 |
| DCLK1 | 1.7872325 | 6.6331567 | 4.0547517 | 0.0005073 | 0.03321 | -0.078547 | DCLK1 |
| LTC4S | 1.5113046 | 6.3423466 | 4.054406 | 0.0005077 | 0.03321 | -0.07933 | LTC4S |
| TLN1 | 1.0348378 | 7.9779671 | 4.0533661 | 0.000509 | 0.03321 | -0.081685 | TLN1 |
| DLAT | -1.305679 | 6.5020799 | -4.0516 | 0.0005112 | 0.03321 | -0.085684 | DLAT |
| MFNG | 1.120692 | 7.1188101 | 4.0413805 | 0.0005243 | 0.0334728 | -0.108819 | MFNG |
| DUSP1 | 1.9320281 | 10.166599 | 4.0397432 | 0.0005264 | 0.0334728 | -0.112525 | DUSP1 |
| MYH11 | 3.5850641 | 9.4737693 | 4.0240303 | 0.0005472 | 0.0344596 | -0.148085 | MYH11 |
| TPM2 | 1.6976596 | 11.037379 | 4.0147026 | 0.0005599 | 0.0349248 | -0.169187 | TPM2 |
| VAMP5 | 1.2517962 | 7.5381192 | 4.0065011 | 0.0005713 | 0.0353392 | -0.187738 | VAMP5 |
| ITPKB | 1.1204208 | 7.3850925 | 3.9994543 | 0.0005813 | 0.0354774 | -0.203674 | ITPKB |
| ACKR1 | 2.8520524 | 7.8411486 | 3.9940156 | 0.0005892 | 0.0354774 | -0.215971 | ACKR1 |
| PLAA | -1.034752 | 7.1599817 | -3.993922 | 0.0005893 | 0.0354774 | -0.216183 | PLAA |
| MEX3C | -1.057379 | 7.0401025 | -3.992664 | 0.0005911 | 0.0354774 | -0.219027 | MEX3C |
| CPB1 | 1.0461125 | 3.4304294 | 3.9618886 | 0.0006377 | 0.0366342 | -0.288572 | CPB1 |
| MAB21L2 | 1.1313339 | 3.3490267 | 3.957437 | 0.0006447 | 0.0367155 | -0.298626 | MAB21L2 |
| FHL1 | 1.424035 | 10.462856 | 3.9468115 | 0.0006617 | 0.0375248 | -0.32262 | FHL1 |
| MYO10 | -1.000836 | 8.2449478 | -3.939697 | 0.0006734 | 0.0376602 | -0.338681 | MYO10 |
| ZFP36 | 1.8520494 | 9.6603729 | 3.936019 | 0.0006795 | 0.0376602 | -0.346983 | ZFP36 |
| ITIH5 | 1.2873432 | 8.0814895 | 3.9358069 | 0.0006799 | 0.0376602 | -0.347461 | ITIH5 |
| PDLIM7 | 1.4117072 | 6.7280502 | 3.9349201 | 0.0006814 | 0.0376602 | -0.349463 | PDLIM7 |
| DPEP2 | 1.1427619 | 5.1507597 | 3.926797 | 0.0006951 | 0.0379398 | -0.367793 | DPEP2 |
| KIF2A | -1.283108 | 6.7762389 | -3.921046 | 0.000705 | 0.0381117 | -0.380768 | KIF2A |
| ACTG2 | 3.706307 | 8.2456861 | 3.9199045 | 0.000707 | 0.0381117 | -0.383343 | ACTG2 |
| TCEAL2 | 2.7651004 | 6.2581099 | 3.8955854 | 0.0007506 | 0.0387948 | -0.438179 | TCEAL2 |
| MYOZ3 | 1.6654347 | 5.5756646 | 3.8954898 | 0.0007507 | 0.0387948 | -0.438395 | MYOZ3 |
| KLF2 | 2.4359095 | 8.5058285 | 3.893283 | 0.0007548 | 0.0387948 | -0.443368 | KLF2 |
| CAAP1 | -1.294468 | 7.1190071 | -3.888124 | 0.0007644 | 0.0389625 | -0.454994 | CAAP1 |
| VWA1 | 1.1771349 | 7.8575242 | 3.8859761 | 0.0007685 | 0.0390168 | -0.459834 | VWA1 |
| PPP1R12B | 1.7338334 | 7.667181 | 3.8789311 | 0.0007819 | 0.0393742 | -0.475706 | PPP1R12B |
| RALA | -1.024643 | 7.5826749 | -3.871211 | 0.0007969 | 0.0395021 | -0.493094 | RALA |
| HK2 | -1.349915 | 7.239707 | -3.858328 | 0.0008225 | 0.0395021 | -0.522098 | HK2 |
| APOL3 | 1.0556284 | 6.3128115 | 3.8567052 | 0.0008257 | 0.0395021 | -0.525751 | APOL3 |
| RRAS | 1.2829303 | 8.9800572 | 3.8543229 | 0.0008306 | 0.0395021 | -0.531112 | RRAS |
| ENOPH1 | -1.01842 | 8.5324439 | -3.852258 | 0.0008348 | 0.0395021 | -0.535759 | ENOPH1 |
| F2RL1 | -2.243303 | 7.7126711 | -3.826321 | 0.0008896 | 0.0412899 | -0.594097 | F2RL1 |
| PTRF | 1.4396556 | 10.261463 | 3.8240827 | 0.0008945 | 0.0412899 | -0.599128 | PTRF |
| SOX18 | 1.5757171 | 5.1078259 | 3.8214325 | 0.0009004 | 0.0412899 | -0.605085 | SOX18 |
| EGR1 | 2.2067275 | 9.6679094 | 3.8131461 | 0.0009188 | 0.0412959 | -0.623706 | EGR1 |
| FABP4 | 2.7550392 | 6.6017293 | 3.8110274 | 0.0009236 | 0.0412959 | -0.628466 | FABP4 |
| REEP1 | 1.2897882 | 5.8067705 | 3.8096014 | 0.0009269 | 0.0412959 | -0.631669 | REEP1 |
| NLK | -1.056265 | 7.0200277 | -3.80515 | 0.000937 | 0.0413946 | -0.641669 | NLK |
| SVEP1 | 1.3611431 | 7.9833553 | 3.8025247 | 0.0009431 | 0.0413946 | -0.647565 | SVEP1 |
| CTSG | 1.7479915 | 5.8721345 | 3.8015673 | 0.0009453 | 0.0413946 | -0.649715 | CTSG |
| SDHAF3 | -1.000877 | 5.7857588 | -3.788926 | 0.000975 | 0.0413946 | -0.678096 | SDHAF3 |
| ARPC3 | -1.392647 | 9.8493443 | -3.788111 | 0.000977 | 0.0413946 | -0.679924 | ARPC3 |
| TIE1 | 1.4036904 | 7.4093054 | 3.7872999 | 0.0009789 | 0.0413946 | -0.681745 | TIE1 |
| GIMAP1-GIMAP5 | 1.0257436 | 7.9335952 | 3.7856447 | 0.0009829 | 0.0413946 | -0.68546 | GIMAP1-GIMAP5 |
| SEMA3G | 1.5761174 | 6.910357 | 3.7853037 | 0.0009837 | 0.0413946 | -0.686225 | SEMA3G |
| LYPLA1 | -1.755999 | 7.9271775 | -3.782722 | 0.00099 | 0.0413946 | -0.692018 | LYPLA1 |
| FABP3 | 1.6727173 | 6.3689981 | 3.7772769 | 0.0010032 | 0.0417189 | -0.704235 | FABP3 |
| PRSS12 | -1.624702 | 6.3318203 | -3.774842 | 0.0010092 | 0.041754 | -0.709696 | PRSS12 |
| TNS1 | 1.2947733 | 10.700719 | 3.7609441 | 0.0010442 | 0.042345 | -0.740861 | TNS1 |
| SLC30A5 | -1.272165 | 7.4820948 | -3.753582 | 0.0010631 | 0.0427179 | -0.75736 | SLC30A5 |
| WIF1 | 2.8994155 | 6.4020837 | 3.7450624 | 0.0010855 | 0.043308 | -0.776449 | WIF1 |
| AMMECR1 | -1.262139 | 7.662066 | -3.736211 | 0.0011093 | 0.043635 | -0.796272 | AMMECR1 |
| TMEM204 | 1.1663418 | 8.9394193 | 3.7320838 | 0.0011205 | 0.0436612 | -0.805511 | TMEM204 |
| PLXDC1 | 1.5184498 | 6.6292614 | 3.7310808 | 0.0011233 | 0.0436612 | -0.807757 | PLXDC1 |
| FAIM | -1.125842 | 7.7277626 | -3.72283 | 0.0011462 | 0.044225 | -0.826222 | FAIM |
| ENTPD4 | -1.014477 | 8.717665 | -3.721735 | 0.0011492 | 0.044225 | -0.828672 | ENTPD4 |
| NFASC | 2.3796249 | 5.046359 | 3.7171923 | 0.0011621 | 0.044225 | -0.838835 | NFASC |
| MRPL19 | -1.040099 | 6.9767788 | -3.716507 | 0.001164 | 0.044225 | -0.840367 | MRPL19 |
| ABHD3 | -1.113489 | 5.4207758 | -3.706199 | 0.0011937 | 0.0448027 | -0.86342 | ABHD3 |
| SLCO2A1 | 1.4827578 | 7.6458299 | 3.7010831 | 0.0012087 | 0.045092 | -0.874855 | SLCO2A1 |
| PTGIS | 3.7175544 | 8.1951573 | 3.6952752 | 0.001226 | 0.0451131 | -0.887834 | PTGIS |
| SYNPO | 2.4428412 | 7.9712151 | 3.6951532 | 0.0012263 | 0.0451131 | -0.888107 | SYNPO |
| PLIN1 | 1.1308502 | 5.3351482 | 3.6935923 | 0.001231 | 0.0451131 | -0.891594 | PLIN1 |
| TNXB | 1.5279124 | 9.4521618 | 3.6906608 | 0.0012398 | 0.0451131 | -0.898144 | TNXB |
| LOC654342 | 1.0297135 | 8.2220529 | 3.6873492 | 0.0012499 | 0.0453159 | -0.905541 | LOC654342 |
| PRKCDBP | 1.3711282 | 7.9715656 | 3.6844148 | 0.0012589 | 0.0454275 | -0.912094 | PRKCDBP |
| MFAP4 | 2.0355926 | 8.39636 | 3.6760866 | 0.0012847 | 0.0459252 | -0.930688 | MFAP4 |
| 03.mar | 1.2034848 | 5.6957764 | 3.6684496 | 0.0013089 | 0.0464637 | -0.947731 | 03.mar |
| TMEM251 | -1.127843 | 8.005127 | -3.665667 | 0.0013178 | 0.0466226 | -0.95394 | TMEM251 |
| FRMD4B | -1.540138 | 6.9165529 | -3.660855 | 0.0013334 | 0.0468791 | -0.964674 | FRMD4B |
| C7 | 3.9858387 | 7.7869521 | 3.6525178 | 0.0013607 | 0.0474982 | -0.983263 | C7 |
| SLIT2 | 1.4867463 | 8.0760766 | 3.6521051 | 0.0013621 | 0.0474982 | -0.984183 | SLIT2 |
| GSTM5 | 1.6186939 | 7.9201983 | 3.6470999 | 0.0013788 | 0.0477238 | -0.995339 | GSTM5 |
| MICAL2 | 1.1878881 | 9.3025685 | 3.6425789 | 0.0013941 | 0.0480158 | -1.005413 | MICAL2 |
| RGS2 | 1.9751601 | 8.7480903 | 3.6413259 | 0.0013983 | 0.0480158 | -1.008205 | RGS2 |
| CBX7 | 1.19592 | 8.5213615 | 3.6389738 | 0.0014064 | 0.0480158 | -1.013445 | CBX7 |
| MYLK | 1.8294657 | 10.005942 | 3.6354559 | 0.0014185 | 0.0480158 | -1.02128 | MYLK |
| NLGN4X | -1.219521 | 9.3679596 | -3.633307 | 0.0014259 | 0.0480158 | -1.026066 | NLGN4X |
| ADCY7 | -1.027593 | 7.1882846 | -3.628367 | 0.0014432 | 0.0482516 | -1.037064 | ADCY7 |
| S1PR1 | 1.0003392 | 5.8248452 | 3.6250085 | 0.001455 | 0.0482516 | -1.044541 | S1PR1 |
| CNOT6 | -1.028724 | 7.1720749 | -3.620507 | 0.0014711 | 0.0485374 | -1.054558 | CNOT6 |
| ACTC1 | 1.739267 | 5.7338559 | 3.6124697 | 0.0015001 | 0.0491249 | -1.072439 | ACTC1 |
| UPK3B | 1.3634443 | 6.093482 | 3.6096567 | 0.0015104 | 0.0493389 | -1.078694 | UPK3B |
| TFB2M | -1.08683 | 7.5617834 | -3.606575 | 0.0015218 | 0.0493667 | -1.085547 | TFB2M |
| DSG2 | -1.584855 | 8.5369116 | -3.60468 | 0.0015288 | 0.0493681 | -1.08976 | DSG2 |
| CLEC1A | 1.0997849 | 5.8986006 | 3.6002403 | 0.0015454 | 0.0493681 | -1.099628 | CLEC1A |
| PDGFRL | 1.8012653 | 8.1256256 | 3.599403 | 0.0015486 | 0.0493681 | -1.101489 | PDGFRL |
| PYGM | 1.2241471 | 5.994376 | 3.5944889 | 0.0015672 | 0.0493952 | -1.112408 | PYGM |
| C1QA | 1.2002641 | 8.0501539 | 3.5917248 | 0.0015777 | 0.0493952 | -1.118548 | C1QA |
| SPAG1 | -1.334714 | 5.4246182 | -3.58987 | 0.0015849 | 0.0493952 | -1.122668 | SPAG1 |
| SPOCK2 | 1.2544104 | 6.9033164 | 3.5797655 | 0.0016243 | 0.0497107 | -1.145104 | SPOCK2 |
| ROBO3 | 1.0403691 | 6.9215942 | 3.57869 | 0.0016285 | 0.0497246 | -1.147491 | ROBO3 |
| EZH2 | -1.778573 | 6.0968557 | -3.576191 | 0.0016384 | 0.0497318 | -1.153038 | EZH2 |
| EEF1E1 | -1.028252 | 8.0809632 | -3.558632 | 0.0017098 | 0.0502639 | -1.191981 | EEF1E1 |
| RAMP2 | 1.0401229 | 6.9842337 | 3.5571569 | 0.0017159 | 0.0502717 | -1.195251 | RAMP2 |
| NAA50 | -1.083544 | 8.3875109 | -3.550038 | 0.0017458 | 0.0505939 | -1.211024 | NAA50 |
| TOM1L1 | -1.647714 | 7.1378204 | -3.541141 | 0.0017839 | 0.0509093 | -1.230731 | TOM1L1 |
| AKR1C1 | 1.5832025 | 8.1001678 | 3.5383263 | 0.0017961 | 0.0510356 | -1.236962 | AKR1C1 |
| HSPB6 | 1.8016106 | 6.2760802 | 3.5343857 | 0.0018134 | 0.0511049 | -1.245683 | HSPB6 |
| MYL9 | 2.3186595 | 9.8882103 | 3.5278043 | 0.0018425 | 0.051461 | -1.260245 | MYL9 |
| PLA2G7 | -1.595467 | 7.1500491 | -3.523479 | 0.0018619 | 0.0518279 | -1.269813 | PLA2G7 |
| GADD45B | 1.3973166 | 8.1388232 | 3.5186496 | 0.0018838 | 0.0520602 | -1.28049 | GADD45B |
| SLC11A2 | -1.255174 | 8.1103596 | -3.510377 | 0.001922 | 0.0526108 | -1.298774 | SLC11A2 |
| APOBEC3B | -1.479526 | 6.2022512 | -3.509973 | 0.0019239 | 0.0526108 | -1.299667 | APOBEC3B |
| STAB2 | 1.2182252 | 5.2583219 | 3.5036003 | 0.0019538 | 0.0528517 | -1.313743 | STAB2 |
| CLINT1 | -1.036137 | 8.5711787 | -3.502861 | 0.0019573 | 0.0528517 | -1.315375 | CLINT1 |
| MYO18A | 1.0270241 | 7.2547072 | 3.4992915 | 0.0019742 | 0.0531019 | -1.323257 | MYO18A |
| ACTA2 | 2.2349009 | 11.262551 | 3.4934083 | 0.0020025 | 0.0532714 | -1.336243 | ACTA2 |
| MFAP5 | 2.2111838 | 7.3196291 | 3.4932983 | 0.0020031 | 0.0532714 | -1.336485 | MFAP5 |
| ACSM3 | -2.011488 | 7.4008034 | -3.486369 | 0.0020369 | 0.0533636 | -1.351772 | ACSM3 |
| SLC22A17 | 1.1178808 | 7.2118119 | 3.4794181 | 0.0020715 | 0.0536044 | -1.3671 | SLC22A17 |
| IGKV1OR2-108 | 1.8210117 | 7.0964164 | 3.4793866 | 0.0020716 | 0.0536044 | -1.36717 | IGKV1OR2-108 |
| KANK3 | 1.0017147 | 6.8686571 | 3.4746056 | 0.0020957 | 0.0538538 | -1.377708 | KANK3 |
| APITD1-CORT | -1.003168 | 7.340444 | -3.471551 | 0.0021112 | 0.0541192 | -1.38444 | APITD1-CORT |
| HLX | 1.2990322 | 7.0633208 | 3.4637229 | 0.0021515 | 0.0542847 | -1.401682 | HLX |
| FLNA | 1.1968559 | 10.748827 | 3.4636005 | 0.0021522 | 0.0542847 | -1.401951 | FLNA |
| FXYD6 | 1.579565 | 9.0786811 | 3.4630203 | 0.0021552 | 0.0542847 | -1.403229 | FXYD6 |
| HSPH1 | -1.080614 | 9.1931184 | -3.443576 | 0.0022588 | 0.0556155 | -1.446012 | HSPH1 |
| UGDH | -1.004286 | 8.0820347 | -3.439407 | 0.0022816 | 0.0556895 | -1.455176 | UGDH |
| TAF1B | -1.123364 | 6.3613686 | -3.436396 | 0.0022982 | 0.0556895 | -1.461795 | TAF1B |
| OLA1 | -1.004828 | 9.6131559 | -3.436291 | 0.0022988 | 0.0556895 | -1.462024 | OLA1 |
| DONSON | -1.460463 | 6.4908562 | -3.43607 | 0.0023 | 0.0556895 | -1.462511 | DONSON |
| LOC101930400 | 1.3616299 | 7.3190021 | 3.4334135 | 0.0023148 | 0.0559439 | -1.468347 | LOC101930400 |
| HBEGF | 1.2805699 | 6.1905485 | 3.4277934 | 0.0023464 | 0.0564986 | -1.480691 | HBEGF |
| VSNL1 | 1.3941356 | 5.3694039 | 3.4174365 | 0.0024057 | 0.0571048 | -1.503425 | VSNL1 |
| CALHM2 | 1.1859773 | 8.5109592 | 3.4162166 | 0.0024128 | 0.0571514 | -1.506102 | CALHM2 |
| TGFB3 | 1.1777819 | 7.6537994 | 3.4093289 | 0.0024531 | 0.0578198 | -1.521209 | TGFB3 |
| MYOC | 1.6130287 | 5.4575316 | 3.4070906 | 0.0024664 | 0.0578198 | -1.526117 | MYOC |
| GBAS | -1.156919 | 8.8858501 | -3.405357 | 0.0024767 | 0.0578198 | -1.529918 | GBAS |
| FAM129A | 1.6889267 | 7.4617592 | 3.4024886 | 0.0024938 | 0.0578198 | -1.536204 | FAM129A |
| LMCD1 | 1.4552225 | 8.2022256 | 3.4008556 | 0.0025037 | 0.0578198 | -1.539783 | LMCD1 |
| ICAM2 | 1.2023242 | 9.0216875 | 3.3924617 | 0.0025547 | 0.0583437 | -1.558169 | ICAM2 |
| NAALADL1 | 1.016603 | 6.2601709 | 3.391651 | 0.0025597 | 0.0583437 | -1.559945 | NAALADL1 |
| COL8A2 | 1.970863 | 6.231163 | 3.3908643 | 0.0025646 | 0.0583437 | -1.561667 | COL8A2 |
| TIMP4 | 1.6055115 | 5.1038228 | 3.3859294 | 0.0025952 | 0.0583437 | -1.57247 | TIMP4 |
| TNS2 | 1.0735279 | 8.4157917 | 3.3849738 | 0.0026012 | 0.0583437 | -1.574561 | TNS2 |
| LTBP3 | 1.188485 | 9.2086774 | 3.3835345 | 0.0026102 | 0.058362 | -1.57771 | LTBP3 |
| UCHL3 | -1.027388 | 8.0249258 | -3.382005 | 0.0026198 | 0.058362 | -1.581058 | UCHL3 |
| NEK4 | -1.183672 | 6.8135017 | -3.36338 | 0.0027397 | 0.0601127 | -1.621773 | NEK4 |
| SLC35F2 | -1.031572 | 7.3525077 | -3.359645 | 0.0027644 | 0.0604048 | -1.629932 | SLC35F2 |
| BTBD3 | -1.083907 | 9.3547107 | -3.358932 | 0.0027691 | 0.0604048 | -1.631489 | BTBD3 |
| HMGCR | -1.212521 | 8.5059153 | -3.356516 | 0.0027852 | 0.0605682 | -1.636764 | HMGCR |
| PLS1 | -1.616363 | 6.7323222 | -3.352869 | 0.0028097 | 0.0606331 | -1.644723 | PLS1 |
| RCAN2 | 1.4052556 | 6.1142096 | 3.348771 | 0.0028375 | 0.0609726 | -1.653666 | RCAN2 |
| MPZL2 | -1.987271 | 8.1165735 | -3.343099 | 0.0028763 | 0.0613634 | -1.666038 | MPZL2 |
| CD34 | 1.1895162 | 8.1660619 | 3.337302 | 0.0029166 | 0.0617303 | -1.678675 | CD34 |
| MINPP1 | -1.085939 | 7.0072933 | -3.337212 | 0.0029172 | 0.0617303 | -1.67887 | MINPP1 |
| LYRM2 | -1.314693 | 7.2786517 | -3.332101 | 0.0029532 | 0.0618165 | -1.690006 | LYRM2 |
| YEATS4 | -1.104731 | 5.4886094 | -3.331191 | 0.0029596 | 0.0618165 | -1.691991 | YEATS4 |
| TPD52 | -1.9045 | 8.2706977 | -3.328347 | 0.0029799 | 0.0618594 | -1.698185 | TPD52 |
| BNIP3 | -1.037473 | 9.2306208 | -3.327454 | 0.0029862 | 0.0618937 | -1.700129 | BNIP3 |
| C2 | 1.0312772 | 7.4886159 | 3.3237951 | 0.0030125 | 0.0620459 | -1.708095 | C2 |
| KPNA2 | -1.494733 | 8.6444996 | -3.321529 | 0.0030289 | 0.0622857 | -1.713028 | KPNA2 |
| RAMP3 | 1.6204792 | 7.2565347 | 3.314376 | 0.0030812 | 0.062868 | -1.72859 | RAMP3 |
| PECAM1 | 1.121794 | 9.1325196 | 3.3063204 | 0.0031412 | 0.0630932 | -1.746104 | PECAM1 |
| TSPAN4 | 1.0457459 | 8.4210516 | 3.3063034 | 0.0031413 | 0.0630932 | -1.746141 | TSPAN4 |
| CDC42EP1 | 1.0258175 | 7.0403528 | 3.2996869 | 0.0031915 | 0.0635192 | -1.760517 | CDC42EP1 |
| LYVE1 | 1.8507026 | 6.2454659 | 3.2963573 | 0.003217 | 0.0637505 | -1.767748 | LYVE1 |
| SLIT3 | 1.1719517 | 7.5748311 | 3.2956821 | 0.0032222 | 0.063757 | -1.769214 | SLIT3 |
| DHFR | -1.742744 | 7.438574 | -3.284929 | 0.003306 | 0.0642588 | -1.792549 | DHFR |
| HSD17B6 | 2.3071432 | 4.9009036 | 3.2844342 | 0.0033099 | 0.0642588 | -1.793623 | HSD17B6 |
| OSBPL3 | -1.173684 | 7.2196155 | -3.284264 | 0.0033113 | 0.0642588 | -1.793993 | OSBPL3 |
| CYR61 | 1.831358 | 8.9798303 | 3.276704 | 0.0033716 | 0.0652362 | -1.810383 | CYR61 |
| LHFP | 1.2006557 | 8.7448681 | 3.2744262 | 0.00339 | 0.0652739 | -1.815319 | LHFP |
| HACD3 | -1.164996 | 7.3451402 | -3.273379 | 0.0033985 | 0.0652739 | -1.817587 | HACD3 |
| NCF1C | 1.0252935 | 5.7699989 | 3.2702165 | 0.0034242 | 0.0654315 | -1.824439 | NCF1C |
| HPRT1 | -1.237897 | 9.3615989 | -3.269919 | 0.0034267 | 0.0654315 | -1.825084 | HPRT1 |
| CFP | 1.0693648 | 5.3534207 | 3.2665177 | 0.0034546 | 0.0656739 | -1.83245 | CFP |
| ZBTB10 | -1.182136 | 5.4862508 | -3.262941 | 0.0034842 | 0.0657068 | -1.840193 | ZBTB10 |
| FXYD5 | 1.287339 | 9.0357641 | 3.2612084 | 0.0034986 | 0.0657344 | -1.843943 | FXYD5 |
| FZD5 | -1.795895 | 7.4077766 | -3.260565 | 0.003504 | 0.0657344 | -1.845336 | FZD5 |
| LACTB2 | -1.079898 | 5.8043917 | -3.255799 | 0.003544 | 0.0657344 | -1.855646 | LACTB2 |
| LGR4 | -1.501922 | 6.7406091 | -3.255622 | 0.0035455 | 0.0657344 | -1.856029 | LGR4 |
| NUP50 | -1.068508 | 8.9025997 | -3.251207 | 0.003583 | 0.0657344 | -1.865576 | NUP50 |
| GYPC | 1.0705356 | 9.2286972 | 3.2347085 | 0.0037267 | 0.0661157 | -1.901217 | GYPC |
| EMCN | 1.1368827 | 6.066744 | 3.2337614 | 0.0037351 | 0.0661157 | -1.903261 | EMCN |
| ACSL4 | -1.534286 | 4.3676748 | -3.228975 | 0.0037779 | 0.0661174 | -1.913589 | ACSL4 |
| CLEC10A | 1.1505941 | 6.298794 | 3.2268208 | 0.0037973 | 0.0661174 | -1.918235 | CLEC10A |
| COPZ2 | 1.2400823 | 8.6837834 | 3.2244545 | 0.0038187 | 0.0661174 | -1.923338 | COPZ2 |
| ZDHHC13 | -1.171227 | 7.3681764 | -3.216099 | 0.0038953 | 0.0662836 | -1.941346 | ZDHHC13 |
| NME5 | -1.19917 | 7.8177477 | -3.210441 | 0.0039481 | 0.0662836 | -1.953533 | NME5 |
| PCDH8 | 1.821208 | 3.0893474 | 3.2085926 | 0.0039654 | 0.0662836 | -1.957512 | PCDH8 |
| KCNE4 | 1.565042 | 6.9938479 | 3.205955 | 0.0039904 | 0.0662836 | -1.963189 | KCNE4 |
| ARMC1 | -1.021858 | 7.6865427 | -3.203785 | 0.004011 | 0.0662836 | -1.967859 | ARMC1 |
| LMOD1 | 2.3437691 | 8.10239 | 3.2034913 | 0.0040138 | 0.0662836 | -1.968491 | LMOD1 |
| NDC1 | -1.218765 | 4.8078463 | -3.198679 | 0.0040599 | 0.0662836 | -1.978843 | NDC1 |
| PLP1 | 1.8783433 | 4.059498 | 3.1949665 | 0.0040958 | 0.0662836 | -1.986824 | PLP1 |
| C1GALT1 | -1.057226 | 6.4146179 | -3.194428 | 0.0041011 | 0.0662836 | -1.987981 | C1GALT1 |
| F2R | -1.326328 | 7.0495609 | -3.193529 | 0.0041098 | 0.0662836 | -1.989914 | F2R |
| ADAM9 | -1.130071 | 8.4908595 | -3.190761 | 0.0041369 | 0.0662836 | -1.995863 | ADAM9 |
| TCF21 | 3.0957605 | 6.6962623 | 3.1874225 | 0.0041698 | 0.0662836 | -2.003035 | TCF21 |
| SYNCRIP | -1.144561 | 9.1696363 | -3.185602 | 0.0041879 | 0.0662836 | -2.006945 | SYNCRIP |
| PRMT3 | -1.028522 | 5.7180305 | -3.183284 | 0.0042109 | 0.0662836 | -2.011921 | PRMT3 |
| FCN1 | 1.5335732 | 6.1122846 | 3.1795508 | 0.0042484 | 0.0662836 | -2.019936 | FCN1 |
| NUP160 | -1.029281 | 6.1546208 | -3.177749 | 0.0042666 | 0.0662836 | -2.023803 | NUP160 |
| MAP1A | 1.0564463 | 7.2250258 | 3.1768814 | 0.0042753 | 0.0662836 | -2.025664 | MAP1A |
| MXRA5 | 1.4445923 | 9.0983176 | 3.1738919 | 0.0043057 | 0.0662836 | -2.032077 | MXRA5 |
| PPP1R15A | 1.2087088 | 8.0531879 | 3.173346 | 0.0043113 | 0.0662836 | -2.033247 | PPP1R15A |
| SRD5A3 | -1.295144 | 4.5530527 | -3.170978 | 0.0043356 | 0.0663112 | -2.038326 | SRD5A3 |
| CX3CL1 | 1.3463789 | 7.0904186 | 3.1700175 | 0.0043454 | 0.0663174 | -2.040385 | CX3CL1 |
| ASPN | 2.1499045 | 7.1498868 | 3.165577 | 0.0043914 | 0.0668092 | -2.049903 | ASPN |
| ELMO1 | 1.0224791 | 5.5524875 | 3.1591424 | 0.0044588 | 0.0670558 | -2.063686 | ELMO1 |
| LRP1 | 1.1190914 | 8.6534497 | 3.1559139 | 0.004493 | 0.0672734 | -2.070598 | LRP1 |
| HPD | 1.0541182 | 4.0572802 | 3.1529228 | 0.0045249 | 0.0672734 | -2.077 | HPD |
| SLC33A1 | -1.230308 | 7.4201088 | -3.152704 | 0.0045272 | 0.0672734 | -2.077468 | SLC33A1 |
| TRIM24 | -1.026651 | 7.3461868 | -3.151962 | 0.0045352 | 0.0672734 | -2.079056 | TRIM24 |
| RNASE1 | 1.3373456 | 10.467614 | 3.1454038 | 0.0046061 | 0.0672734 | -2.093083 | RNASE1 |
| FRZB | 1.7933592 | 7.1815756 | 3.1448878 | 0.0046117 | 0.0672734 | -2.094187 | FRZB |
| TSPAN12 | -1.331198 | 6.5457523 | -3.141899 | 0.0046444 | 0.0675833 | -2.100576 | TSPAN12 |
| TAGLN | 2.7312691 | 10.773538 | 3.1326935 | 0.0047465 | 0.0680613 | -2.12024 | TAGLN |
| LOC102724200 | -1.038092 | 6.7090192 | -3.127042 | 0.0048103 | 0.0682499 | -2.132304 | LOC102724200 |
| RCBTB1 | -1.090285 | 6.1693762 | -3.120473 | 0.0048854 | 0.0687367 | -2.146315 | RCBTB1 |
| COL4A6 | 1.6452064 | 6.7303787 | 3.1140541 | 0.0049599 | 0.0691676 | -2.159994 | COL4A6 |
| IGLJ3 | 1.6321154 | 7.642087 | 3.1127587 | 0.0049751 | 0.0692548 | -2.162754 | IGLJ3 |
| GGT5 | 1.350157 | 6.9851949 | 3.1095453 | 0.0050129 | 0.0695531 | -2.169598 | GGT5 |
| TOP2A | -2.61477 | 6.9325058 | -3.109136 | 0.0050178 | 0.0695531 | -2.17047 | TOP2A |
| CPQ | 1.0026979 | 8.2931003 | 3.1074944 | 0.0050372 | 0.0695889 | -2.173964 | CPQ |
| HMGB3 | -1.047779 | 8.4466278 | -3.105758 | 0.0050579 | 0.0695889 | -2.17766 | HMGB3 |
| PRELID3B | -1.632282 | 5.1928303 | -3.104729 | 0.0050701 | 0.0695889 | -2.17985 | PRELID3B |
| ZWINT | -1.792715 | 8.1545826 | -3.104006 | 0.0050788 | 0.0695889 | -2.181389 | ZWINT |
| RRM2 | -2.218896 | 7.9603954 | -3.102089 | 0.0051018 | 0.0696483 | -2.185468 | RRM2 |
| BMS1P20 | 1.4739911 | 6.1606453 | 3.1012882 | 0.0051114 | 0.0696483 | -2.187172 | BMS1P20 |
| TIPIN | -1.129891 | 5.8454341 | -3.099321 | 0.0051351 | 0.0697653 | -2.191356 | TIPIN |
| BGN | 1.8969867 | 8.7076066 | 3.0952651 | 0.0051844 | 0.0700833 | -2.19998 | BGN |
| SMTN | 1.2725694 | 8.4022012 | 3.0869405 | 0.005287 | 0.071176 | -2.217668 | SMTN |
| CCL23 | 1.1589437 | 4.9797884 | 3.085139 | 0.0053094 | 0.071245 | -2.221494 | CCL23 |
| RNASE6 | 1.000966 | 7.7589465 | 3.0847843 | 0.0053139 | 0.071245 | -2.222247 | RNASE6 |
| SHTN1 | -1.28311 | 7.4956078 | -3.081331 | 0.0053572 | 0.0715331 | -2.229578 | SHTN1 |
| LRRN3 | 1.3355213 | 4.5666739 | 3.0803568 | 0.0053695 | 0.0715513 | -2.231645 | LRRN3 |
| PCNA | -1.286304 | 9.4533833 | -3.076671 | 0.0054162 | 0.0716753 | -2.239464 | PCNA |
| NUS1P3 | -1.78802 | 4.0783792 | -3.070061 | 0.005501 | 0.0719477 | -2.253479 | NUS1P3 |
| GATA6 | 2.9655086 | 5.5416648 | 3.0685037 | 0.0055211 | 0.0720334 | -2.25678 | GATA6 |
| MCAM | 1.3772409 | 8.1264181 | 3.0676949 | 0.0055316 | 0.0720985 | -2.258494 | MCAM |
| MEIS2 | 1.1481335 | 8.0862266 | 3.0670545 | 0.00554 | 0.0721353 | -2.25985 | MEIS2 |
| TGFB1I1 | 1.1424162 | 10.121841 | 3.0653063 | 0.0055628 | 0.0722883 | -2.263554 | TGFB1I1 |
| WNT2B | 1.8200982 | 4.7777939 | 3.0643636 | 0.0055751 | 0.072305 | -2.265551 | WNT2B |
| PPA1 | -1.031805 | 11.186772 | -3.061461 | 0.0056132 | 0.0726555 | -2.271697 | PPA1 |
| STIL | -1.140446 | 5.7531774 | -3.060659 | 0.0056238 | 0.0727205 | -2.273394 | STIL |
| IGHM | 1.825285 | 6.7392177 | 3.0581406 | 0.0056571 | 0.0729356 | -2.278726 | IGHM |
| ANK3 | -1.635148 | 8.6493499 | -3.054099 | 0.005711 | 0.0732294 | -2.287278 | ANK3 |
| MAP7 | -1.362177 | 7.2817249 | -3.054051 | 0.0057117 | 0.0732294 | -2.287378 | MAP7 |
| ENO2 | 1.182021 | 6.3683014 | 3.0524559 | 0.0057331 | 0.0732698 | -2.290752 | ENO2 |
| CPA3 | 1.3624238 | 5.9594984 | 3.0441581 | 0.0058457 | 0.0737694 | -2.308291 | CPA3 |
| EIF4E | -1.093843 | 6.5263599 | -3.040341 | 0.0058982 | 0.0739562 | -2.316354 | EIF4E |
| NTRK2 | 2.2707199 | 4.7647229 | 3.0363936 | 0.005953 | 0.0740535 | -2.324687 | NTRK2 |
| SH3YL1 | -1.382718 | 9.8369104 | -3.034849 | 0.0059746 | 0.0740884 | -2.327948 | SH3YL1 |
| XPOT | -1.029019 | 7.9508484 | -3.034796 | 0.0059753 | 0.0740884 | -2.328059 | XPOT |
| RCN2 | -1.063016 | 9.1150088 | -3.033617 | 0.0059918 | 0.0741142 | -2.330546 | RCN2 |
| MTR | -1.326387 | 8.3312036 | -3.031272 | 0.0060248 | 0.0741442 | -2.335494 | MTR |
| PRG4 | 1.382788 | 2.6760048 | 3.0304853 | 0.0060359 | 0.0741442 | -2.337152 | PRG4 |
| JUNB | 1.4221067 | 8.0094332 | 3.0294452 | 0.0060506 | 0.0741442 | -2.339346 | JUNB |
| SPA17 | -1.173935 | 7.3151175 | -3.029143 | 0.0060549 | 0.0741442 | -2.339984 | SPA17 |
| TSC22D3 | 1.209595 | 9.9544151 | 3.0287018 | 0.0060612 | 0.0741442 | -2.340914 | TSC22D3 |
| NCAM1 | 2.056368 | 7.1157987 | 3.0282406 | 0.0060677 | 0.0741442 | -2.341886 | NCAM1 |
| UBE2V2 | -1.129909 | 8.0836736 | -3.024407 | 0.0061224 | 0.0742566 | -2.349967 | UBE2V2 |
| KIAA0101 | -2.134089 | 8.5354636 | -3.021467 | 0.0061646 | 0.0745838 | -2.35616 | KIAA0101 |
| TMEM30A | -1.067008 | 7.0567452 | -3.017595 | 0.0062207 | 0.0748537 | -2.364315 | TMEM30A |
| AHNAK2 | 1.6535226 | 7.8654411 | 3.0163407 | 0.006239 | 0.0748537 | -2.366957 | AHNAK2 |
| CHORDC1 | -1.434515 | 6.8529723 | -3.013145 | 0.0062857 | 0.074899 | -2.373683 | CHORDC1 |
| CSF1R | 1.0109265 | 7.6254067 | 3.0130223 | 0.0062875 | 0.074899 | -2.373941 | CSF1R |
| DPYSL3 | 1.8579958 | 8.3574168 | 3.0052882 | 0.0064022 | 0.0752801 | -2.390208 | DPYSL3 |
| RARRES2 | 1.2812778 | 10.386232 | 3.0010039 | 0.0064665 | 0.0754862 | -2.399211 | RARRES2 |
| WNT5A | -1.25028 | 9.1235058 | -3.000921 | 0.0064678 | 0.0754862 | -2.399386 | WNT5A |
| APOD | 1.5844852 | 9.1472941 | 2.9988187 | 0.0064996 | 0.0754862 | -2.403802 | APOD |
| AVL9 | -1.033266 | 7.7420472 | -2.9981 | 0.0065105 | 0.0754862 | -2.405312 | AVL9 |
| ADSS | -1.293579 | 6.6012231 | -2.997617 | 0.0065178 | 0.0754862 | -2.406326 | ADSS |
| ANXA6 | 1.2846101 | 9.0865438 | 2.99725 | 0.0065234 | 0.0754862 | -2.407097 | ANXA6 |
| MAN1C1 | 1.2415413 | 7.7381987 | 2.9941872 | 0.0065702 | 0.0756272 | -2.413527 | MAN1C1 |
| ECT2 | -1.974277 | 5.6197253 | -2.992693 | 0.0065932 | 0.0756272 | -2.416663 | ECT2 |
| CTSF | 1.0648352 | 9.0624919 | 2.9856588 | 0.0067022 | 0.0759115 | -2.431419 | CTSF |
| CRYAB | 1.56345 | 8.9956556 | 2.9850546 | 0.0067116 | 0.0759202 | -2.432686 | CRYAB |
| KCNN3 | 1.3028468 | 5.1247731 | 2.9837367 | 0.0067323 | 0.0760398 | -2.435449 | KCNN3 |
| CXCL12 | 1.4463253 | 9.9553495 | 2.9821792 | 0.0067567 | 0.0760398 | -2.438713 | CXCL12 |
| PLEKHF2 | -1.266986 | 6.8212629 | -2.980335 | 0.0067858 | 0.076233 | -2.442578 | PLEKHF2 |
| GALNT3 | -1.496687 | 6.7719399 | -2.975809 | 0.0068577 | 0.0765805 | -2.452058 | GALNT3 |
| RHOB | 1.1221603 | 10.743978 | 2.9742247 | 0.0068831 | 0.0766468 | -2.455375 | RHOB |
| IVNS1ABP | -1.267682 | 8.1642765 | -2.972952 | 0.0069035 | 0.0766468 | -2.45804 | IVNS1ABP |
| XAF1 | -1.288252 | 7.6929303 | -2.972368 | 0.0069129 | 0.0766468 | -2.459261 | XAF1 |
| CCL11 | 1.092809 | 4.012266 | 2.9717839 | 0.0069223 | 0.0766487 | -2.460484 | CCL11 |
| BRCC3 | -1.057043 | 6.65817 | -2.965751 | 0.0070202 | 0.077275 | -2.473104 | BRCC3 |
| MLIP | 1.8006601 | 6.6555641 | 2.9603486 | 0.0071089 | 0.077286 | -2.484398 | MLIP |
| TGFB1 | 1.0245924 | 7.5422568 | 2.9585401 | 0.0071389 | 0.077286 | -2.488176 | TGFB1 |
| WISP2 | 2.635065 | 7.1579102 | 2.9560654 | 0.0071801 | 0.0773991 | -2.493345 | WISP2 |
| FMOD | 1.4390262 | 9.7354528 | 2.9549947 | 0.007198 | 0.0773991 | -2.495581 | FMOD |
| BCAP29 | -1.511497 | 6.9412554 | -2.947829 | 0.0073188 | 0.077942 | -2.510536 | BCAP29 |
| NUSAP1 | -2.179787 | 7.7330291 | -2.947109 | 0.007331 | 0.0779823 | -2.512038 | NUSAP1 |
| FEZ1 | 1.4739353 | 7.7907821 | 2.9459543 | 0.0073507 | 0.078039 | -2.514446 | FEZ1 |
| SEL1L3 | -1.22534 | 9.2297591 | -2.937768 | 0.0074917 | 0.0786844 | -2.531508 | SEL1L3 |
| ARMT1 | -1.511184 | 7.7071292 | -2.937485 | 0.0074966 | 0.0786844 | -2.532097 | ARMT1 |
| IDH1 | -1.122669 | 10.759225 | -2.935579 | 0.0075298 | 0.0786999 | -2.536066 | IDH1 |
| MELK | -2.024507 | 7.4325219 | -2.930672 | 0.007616 | 0.0788325 | -2.546283 | MELK |
| MYO6 | -1.412248 | 8.1112184 | -2.920383 | 0.0077997 | 0.0796947 | -2.567676 | MYO6 |
| FCER1A | 1.2615741 | 5.8554061 | 2.9194677 | 0.0078163 | 0.0798016 | -2.569579 | FCER1A |
| QPCT | -1.260592 | 8.3110844 | -2.91394 | 0.0079169 | 0.0802662 | -2.581058 | QPCT |
| SOD3 | 1.272609 | 8.1096776 | 2.9111222 | 0.0079687 | 0.0804798 | -2.586908 | SOD3 |
| ATMIN | -1.026047 | 8.1711343 | -2.909832 | 0.0079926 | 0.080531 | -2.589586 | ATMIN |
| NAA15 | -1.355498 | 7.4353397 | -2.907298 | 0.0080395 | 0.0806011 | -2.594841 | NAA15 |
| AGPAT5 | -1.01662 | 8.0646229 | -2.905304 | 0.0080767 | 0.0806011 | -2.598976 | AGPAT5 |
| HLA-DPB1 | 1.0632104 | 10.321147 | 2.9048878 | 0.0080845 | 0.0806011 | -2.599839 | HLA-DPB1 |
| AEBP1 | 1.786315 | 10.091457 | 2.9036041 | 0.0081085 | 0.0806011 | -2.6025 | AEBP1 |
| SLITRK5 | 1.0915224 | 5.6001694 | 2.9035595 | 0.0081093 | 0.0806011 | -2.602593 | SLITRK5 |
| IGFBP6 | 1.886941 | 9.8712295 | 2.9026579 | 0.0081262 | 0.0806011 | -2.604462 | IGFBP6 |
| CDS1 | -1.48175 | 6.5784212 | -2.899999 | 0.0081763 | 0.0808129 | -2.609972 | CDS1 |
| ITM2A | 1.7291672 | 8.3057434 | 2.8963082 | 0.0082463 | 0.081081 | -2.617616 | ITM2A |
| GREM1 | 1.7826063 | 3.8594438 | 2.8747119 | 0.0086676 | 0.0831934 | -2.662264 | GREM1 |
| PLCH1 | -1.222417 | 6.2029292 | -2.872404 | 0.0087139 | 0.0833657 | -2.667027 | PLCH1 |
| PAIP1 | -1.027648 | 8.274224 | -2.872181 | 0.0087184 | 0.0833657 | -2.667487 | PAIP1 |
| ELOVL6 | -1.053921 | 6.1970886 | -2.869928 | 0.0087637 | 0.0835486 | -2.672134 | ELOVL6 |
| AGGF1 | -1.106359 | 6.7467515 | -2.864734 | 0.0088692 | 0.0841254 | -2.682844 | AGGF1 |
| IPO7 | -1.053998 | 8.7279729 | -2.861165 | 0.0089423 | 0.084235 | -2.690196 | IPO7 |
| PUS7 | -1.002124 | 7.5329415 | -2.859803 | 0.0089704 | 0.084235 | -2.693003 | PUS7 |
| CLIP3 | 1.1352428 | 8.8053078 | 2.8597069 | 0.0089724 | 0.084235 | -2.6932 | CLIP3 |
| DERA | -1.006031 | 8.5628272 | -2.857552 | 0.009017 | 0.084235 | -2.697637 | DERA |
| NAT1 | -1.043667 | 6.785831 | -2.848845 | 0.0091993 | 0.0847408 | -2.71555 | NAT1 |
| LOC389906 | -1.652042 | 6.9263777 | -2.844336 | 0.0092951 | 0.0853232 | -2.724817 | LOC389906 |
| BBOF1 | -1.267529 | 6.0405871 | -2.842888 | 0.009326 | 0.0854112 | -2.727792 | BBOF1 |
| FBXO5 | -1.341188 | 5.2498663 | -2.841817 | 0.009349 | 0.0854808 | -2.729992 | FBXO5 |
| LOC728392 | 1.0646993 | 9.1795626 | 2.8392381 | 0.0094045 | 0.0856955 | -2.735287 | LOC728392 |
| BAMBI | 1.1851219 | 8.1899719 | 2.8370668 | 0.0094515 | 0.0857973 | -2.739744 | BAMBI |
| CFH | 1.9046398 | 7.4585495 | 2.8194464 | 0.0098412 | 0.0872024 | -2.775855 | CFH |
| ANXA8L1 | 1.2519207 | 6.7941351 | 2.8047456 | 0.0101779 | 0.0884296 | -2.805906 | ANXA8L1 |
| TCERG1 | -1.134563 | 8.1185871 | -2.802753 | 0.0102244 | 0.0885189 | -2.809972 | TCERG1 |
| MALT1 | -1.048194 | 6.0579024 | -2.79199 | 0.0104789 | 0.0891289 | -2.831921 | MALT1 |
| NETO2 | -1.088178 | 6.675892 | -2.787308 | 0.0105915 | 0.0895725 | -2.841458 | NETO2 |
| OLFML3 | 1.0052235 | 10.831017 | 2.7828692 | 0.0106993 | 0.089744 | -2.850492 | OLFML3 |
| PDZD8 | -1.286409 | 8.0241345 | -2.781929 | 0.0107223 | 0.089744 | -2.852405 | PDZD8 |
| DNAJC15 | -1.053293 | 10.341892 | -2.781518 | 0.0107323 | 0.089744 | -2.853241 | DNAJC15 |
| MIR6756 | 1.3340497 | 8.3938964 | 2.7814314 | 0.0107345 | 0.089744 | -2.853417 | MIR6756 |
| ACSL5 | -1.568818 | 9.1087439 | -2.781095 | 0.0107427 | 0.089744 | -2.854101 | ACSL5 |
| CYAT1 | 2.4801864 | 9.4710476 | 2.7702391 | 0.0110118 | 0.0909608 | -2.876161 | CYAT1 |
| GGCT | -1.021288 | 9.7529942 | -2.76757 | 0.0110789 | 0.0913296 | -2.881579 | GGCT |
| IGLV1-44 | 2.3410752 | 8.4670301 | 2.7668479 | 0.0110971 | 0.0914223 | -2.883044 | IGLV1-44 |
| AVIL | -1.105494 | 5.5968475 | -2.763552 | 0.0111807 | 0.0915024 | -2.88973 | AVIL |
| DKK3 | 1.4298754 | 9.7843127 | 2.7617071 | 0.0112277 | 0.0916338 | -2.893471 | DKK3 |
| CWH43 | -1.358945 | 6.9898451 | -2.757035 | 0.0113477 | 0.0918425 | -2.902938 | CWH43 |
| LOC102724250 | -1.093365 | 7.3774647 | -2.755077 | 0.0113983 | 0.0919986 | -2.906905 | LOC102724250 |
| GAS1 | 1.7708108 | 9.1109294 | 2.7544872 | 0.0114136 | 0.0920609 | -2.908099 | GAS1 |
| SLC16A6 | -1.171378 | 6.2147743 | -2.754174 | 0.0114217 | 0.0920697 | -2.908733 | SLC16A6 |
| EMILIN1 | 1.3409267 | 8.3733327 | 2.7496132 | 0.0115407 | 0.0924034 | -2.917964 | EMILIN1 |
| KIAA1462 | 1.1012713 | 6.2082786 | 2.7455933 | 0.0116466 | 0.0926339 | -2.926094 | KIAA1462 |
| ADAM28 | -1.541234 | 6.5571266 | -2.742514 | 0.0117283 | 0.0927151 | -2.932319 | ADAM28 |
| ITGA6 | -1.033862 | 8.4385229 | -2.741267 | 0.0117615 | 0.0927183 | -2.934839 | ITGA6 |
| CKS2 | -1.444726 | 9.1784356 | -2.740584 | 0.0117798 | 0.0927183 | -2.936217 | CKS2 |
| GPM6A | 1.0581542 | 4.9296608 | 2.7376182 | 0.0118593 | 0.0929653 | -2.942207 | GPM6A |
| UGT8 | -1.361856 | 5.6364865 | -2.73643 | 0.0118913 | 0.0931605 | -2.944607 | UGT8 |
| RACGAP1 | -1.316615 | 7.693398 | -2.732032 | 0.0120105 | 0.0937417 | -2.953481 | RACGAP1 |
| GMNN | -1.287272 | 8.4828235 | -2.728798 | 0.0120989 | 0.093888 | -2.960003 | GMNN |
| PPP1R1A | 1.2890952 | 5.1147407 | 2.7279943 | 0.0121209 | 0.0939912 | -2.961622 | PPP1R1A |
| IGLC1 | 2.7371727 | 9.4650313 | 2.7262508 | 0.0121689 | 0.0940968 | -2.965136 | IGLC1 |
| GALNT7 | -1.229614 | 8.5360488 | -2.723265 | 0.0122514 | 0.0945122 | -2.971151 | GALNT7 |
| MPHOSPH9 | -1.219886 | 5.3884202 | -2.722096 | 0.0122839 | 0.0945399 | -2.973505 | MPHOSPH9 |
| TRIL | 1.0333767 | 6.7197214 | 2.7174604 | 0.0124135 | 0.0949236 | -2.982836 | TRIL |
| CDC7 | -1.511755 | 5.6234612 | -2.71616 | 0.0124501 | 0.0949747 | -2.985452 | CDC7 |
| DBF4 | -1.446122 | 5.7378634 | -2.715415 | 0.0124711 | 0.0949747 | -2.98695 | DBF4 |
| ZNF195 | -1.134502 | 6.1706101 | -2.715163 | 0.0124782 | 0.0949747 | -2.987456 | ZNF195 |
| RSRP1 | -1.341588 | 9.3677516 | -2.713985 | 0.0125115 | 0.0949968 | -2.989825 | RSRP1 |
| BAZ1A | -1.144734 | 7.0459414 | -2.71321 | 0.0125334 | 0.0949968 | -2.991385 | BAZ1A |
| HOXC6 | 2.2134432 | 6.7888591 | 2.7108891 | 0.0125994 | 0.0949968 | -2.996049 | HOXC6 |
| SPDL1 | -1.121529 | 5.6680958 | -2.710386 | 0.0126137 | 0.0949968 | -2.997061 | SPDL1 |
| PTPN3 | -1.241304 | 7.560824 | -2.704257 | 0.0127896 | 0.0954818 | -3.00937 | PTPN3 |
| GEM | 1.2908557 | 7.3422118 | 2.6989497 | 0.0129438 | 0.0957377 | -3.020018 | GEM |
| BNC2 | 1.2930314 | 7.3984249 | 2.697298 | 0.0129922 | 0.0960401 | -3.023329 | BNC2 |
| PPP1R3C | 1.0485432 | 6.5569635 | 2.6970522 | 0.0129994 | 0.0960401 | -3.023822 | PPP1R3C |
| TNFRSF1B | 1.005055 | 7.9168744 | 2.693794 | 0.0130953 | 0.0965294 | -3.030352 | TNFRSF1B |
| ZWILCH | -1.398755 | 5.1819619 | -2.69245 | 0.0131351 | 0.096631 | -3.033045 | ZWILCH |
| SELE | 1.4740091 | 3.2264874 | 2.6914791 | 0.0131639 | 0.0966557 | -3.034989 | SELE |
| SYN2 | 1.0050298 | 6.183195 | 2.6869531 | 0.0132989 | 0.0969731 | -3.044049 | SYN2 |
| LRRC1 | -1.338632 | 7.9268343 | -2.68638 | 0.0133161 | 0.097012 | -3.045196 | LRRC1 |
| THAP9-AS1 | -1.169337 | 6.6338457 | -2.682579 | 0.0134306 | 0.0975751 | -3.052798 | THAP9-AS1 |
| ISYNA1 | 1.0113592 | 8.1915209 | 2.6812029 | 0.0134723 | 0.0977283 | -3.05555 | ISYNA1 |
| KIF11 | -2.118456 | 5.0146465 | -2.679116 | 0.0135358 | 0.0980129 | -3.05972 | KIF11 |
| PMP22 | 1.0282903 | 10.6208 | 2.6772701 | 0.0135922 | 0.0982665 | -3.063409 | PMP22 |
| CHD7 | -1.05843 | 6.9304257 | -2.67302 | 0.0137228 | 0.098731 | -3.071895 | CHD7 |
| ADAMTS3 | 1.1010633 | 5.1202216 | 2.672492 | 0.0137391 | 0.0987755 | -3.072949 | ADAMTS3 |
| KCNMA1 | 1.2224385 | 8.8362391 | 2.6635669 | 0.0140176 | 0.0998587 | -3.090747 | KCNMA1 |
| IL20RA | -1.975574 | 7.1879964 | -2.663338 | 0.0140248 | 0.0998587 | -3.091202 | IL20RA |
| CTAGE5 | -1.09922 | 6.1155675 | -2.660494 | 0.0141147 | 0.0998839 | -3.096867 | CTAGE5 |
| HMGCS1 | -1.089633 | 7.0420782 | -2.660307 | 0.0141207 | 0.0998839 | -3.09724 | HMGCS1 |
| TWF1 | -1.12304 | 7.3934421 | -2.659783 | 0.0141373 | 0.0998839 | -3.098284 | TWF1 |
| SHCBP1 | -1.6023 | 4.9239458 | -2.653172 | 0.0143487 | 0.1008335 | -3.111438 | SHCBP1 |
| DIRAS2 | -1.348122 | 3.961731 | -2.651988 | 0.0143869 | 0.1009393 | -3.113792 | DIRAS2 |
| IGKC | 2.0916678 | 8.61009 | 2.6511954 | 0.0144125 | 0.1009491 | -3.115368 | IGKC |
| RAD51 | -1.131443 | 6.5706918 | -2.650703 | 0.0144284 | 0.1009491 | -3.116347 | RAD51 |
| LTBP2 | 1.4857867 | 8.7571641 | 2.6484087 | 0.0145029 | 0.101211 | -3.120907 | LTBP2 |
| LIMS4 | -1.032664 | 10.184547 | -2.645936 | 0.0145835 | 0.1016055 | -3.125818 | LIMS4 |
| GOLGA8A | -1.432736 | 8.9441583 | -2.6442 | 0.0146404 | 0.1016055 | -3.129265 | GOLGA8A |
| ESRP1 | -1.345542 | 6.966585 | -2.644097 | 0.0146438 | 0.1016055 | -3.129471 | ESRP1 |
| ZFPM2 | 1.5234783 | 7.1883594 | 2.6439761 | 0.0146477 | 0.1016055 | -3.12971 | ZFPM2 |
| MFSD6 | -1.070699 | 5.1716316 | -2.637079 | 0.0148758 | 0.1021624 | -3.143394 | MFSD6 |
| DNAJC10 | -1.20502 | 6.6507053 | -2.636987 | 0.0148789 | 0.1021624 | -3.143576 | DNAJC10 |
| MAD2L1 | -1.725247 | 5.4439671 | -2.636974 | 0.0148793 | 0.1021624 | -3.143601 | MAD2L1 |
| TYMS | -1.504443 | 9.1334245 | -2.6321 | 0.0150425 | 0.1026175 | -3.15326 | TYMS |
| FRY | 1.0152609 | 7.6964211 | 2.6305688 | 0.0150942 | 0.1027424 | -3.156293 | FRY |
| TRDV3 | -1.577512 | 5.4417476 | -2.622429 | 0.0153714 | 0.1035189 | -3.172398 | TRDV3 |
| S100A4 | 1.0628052 | 10.347246 | 2.6204497 | 0.0154396 | 0.1036079 | -3.176311 | S100A4 |
| CD46 | -1.047016 | 9.0933318 | -2.619362 | 0.0154771 | 0.1037537 | -3.17846 | CD46 |
| PLTP | 1.1019574 | 9.2003232 | 2.6177943 | 0.0155314 | 0.1040607 | -3.181557 | PLTP |
| RIMS3 | 1.0055718 | 5.968318 | 2.6152754 | 0.015619 | 0.1042025 | -3.186532 | RIMS3 |
| CFD | 1.9442188 | 8.613395 | 2.6142607 | 0.0156544 | 0.1042025 | -3.188535 | CFD |
| PDGFA | 1.0096308 | 6.7987736 | 2.6133743 | 0.0156854 | 0.1042025 | -3.190284 | PDGFA |
| BUB1B | -1.904163 | 7.1430462 | -2.612869 | 0.0157032 | 0.1042025 | -3.191282 | BUB1B |
| CEP55 | -1.983352 | 5.7602362 | -2.612092 | 0.0157304 | 0.104312 | -3.192814 | CEP55 |
| VWF | 1.2673956 | 9.7662743 | 2.6117925 | 0.0157409 | 0.104312 | -3.193406 | VWF |
| LBH | 1.1259901 | 8.8457435 | 2.6091186 | 0.0158351 | 0.1045872 | -3.19868 | LBH |
| SERPIND1 | 1.1012416 | 3.8281088 | 2.6084214 | 0.0158598 | 0.1045872 | -3.200055 | SERPIND1 |
| DSP | -1.118977 | 9.6300756 | -2.604087 | 0.0160138 | 0.1050649 | -3.208596 | DSP |
| PLEKHA1 | -1.08563 | 7.8686278 | -2.602584 | 0.0160675 | 0.1051818 | -3.211559 | PLEKHA1 |
| PAGE4 | 1.722923 | 8.1095989 | 2.5999199 | 0.0161632 | 0.1053342 | -3.216803 | PAGE4 |
| GRHL2 | -1.369642 | 6.666232 | -2.59684 | 0.0162745 | 0.1053548 | -3.222863 | GRHL2 |
| MSANTD3-TMEFF1 | -1.189877 | 4.6814225 | -2.596716 | 0.016279 | 0.1053548 | -3.223108 | MSANTD3-TMEFF1 |
| CCNB2 | -1.74279 | 7.3635174 | -2.596209 | 0.0162974 | 0.1053866 | -3.224106 | CCNB2 |
| TPX2 | -1.685463 | 6.5863284 | -2.594253 | 0.0163685 | 0.105621 | -3.227951 | TPX2 |
| 04.wrz | 1.1253326 | 6.0483703 | 2.5926129 | 0.0164283 | 0.1058371 | -3.231176 | 04.wrz |
| IQGAP2 | -1.133472 | 6.7522551 | -2.59078 | 0.0164955 | 0.1059707 | -3.234777 | IQGAP2 |
| NUP62CL | -1.14686 | 4.6260208 | -2.584639 | 0.0167223 | 0.1067912 | -3.246837 | NUP62CL |
| AOX1 | 2.2535992 | 6.0849522 | 2.5835474 | 0.016763 | 0.1067912 | -3.248979 | AOX1 |
| CYP2J2 | -1.073838 | 6.5149226 | -2.582189 | 0.0168137 | 0.1068147 | -3.251644 | CYP2J2 |
| CENPU | -1.941848 | 6.6938297 | -2.579122 | 0.0169286 | 0.1070496 | -3.257658 | CENPU |
| BORA | -1.154 | 5.7667179 | -2.578378 | 0.0169566 | 0.1070496 | -3.259115 | BORA |
| ORC6 | -1.09392 | 7.7285689 | -2.575181 | 0.0170775 | 0.1072376 | -3.265381 | ORC6 |
| ST3GAL6 | -1.241119 | 5.4094231 | -2.573909 | 0.0171257 | 0.107335 | -3.267872 | ST3GAL6 |
| CCL21 | 1.5807417 | 8.4100091 | 2.5725654 | 0.0171769 | 0.107431 | -3.270502 | CCL21 |
| CEACAM1 | -1.324602 | 7.6852384 | -2.571512 | 0.0172171 | 0.1075473 | -3.272565 | CEACAM1 |
| POLI | -1.241179 | 6.560082 | -2.568988 | 0.0173138 | 0.1077697 | -3.277503 | POLI |
| FOXA2 | -1.063701 | 6.9126547 | -2.568027 | 0.0173507 | 0.1078677 | -3.279384 | FOXA2 |
| PPM1H | -1.39847 | 7.7379019 | -2.558226 | 0.0177317 | 0.108813 | -3.298534 | PPM1H |
| RAD51AP1 | -1.653126 | 5.2885974 | -2.557657 | 0.0177541 | 0.1088524 | -3.299644 | RAD51AP1 |
| TOPBP1 | -1.040434 | 6.9436308 | -2.55694 | 0.0177823 | 0.108876 | -3.301044 | TOPBP1 |
| CRISP2 | -1.122588 | 4.3331684 | -2.556454 | 0.0178015 | 0.1089125 | -3.301993 | CRISP2 |
| MIR6883 | 1.0520245 | 8.1543483 | 2.5524579 | 0.0179596 | 0.109199 | -3.309787 | MIR6883 |
| COL4A4 | 1.0693823 | 3.9617428 | 2.5519034 | 0.0179817 | 0.109199 | -3.310868 | COL4A4 |
| RASL12 | 1.1085461 | 7.8024428 | 2.5442187 | 0.0182899 | 0.1100503 | -3.325837 | RASL12 |
| CKAP2 | -1.495273 | 6.4956076 | -2.543936 | 0.0183013 | 0.1100684 | -3.326386 | CKAP2 |
| TRIP13 | -1.135168 | 6.9426165 | -2.542963 | 0.0183407 | 0.1101033 | -3.328281 | TRIP13 |
| PRKX | -1.346371 | 7.4307286 | -2.541729 | 0.0183908 | 0.1101447 | -3.330681 | PRKX |
| CA11 | 1.2553987 | 7.3475238 | 2.5416331 | 0.0183947 | 0.1101447 | -3.330868 | CA11 |
| LAG3 | 1.075566 | 5.5393728 | 2.5407556 | 0.0184304 | 0.1102878 | -3.332575 | LAG3 |
| ZNF165 | -1.215359 | 5.0372928 | -2.539003 | 0.0185019 | 0.1104672 | -3.335982 | ZNF165 |
| KIF4A | -1.551674 | 6.0921184 | -2.538301 | 0.0185306 | 0.110476 | -3.337348 | KIF4A |
| IGLL5 | 1.1474879 | 6.5458328 | 2.5372101 | 0.0185753 | 0.1106493 | -3.339468 | IGLL5 |
| GHR | 1.0615658 | 6.6031481 | 2.5343779 | 0.0186918 | 0.1110907 | -3.344971 | GHR |
| MINOS1-NBL1 | 1.4230667 | 10.608014 | 2.5319306 | 0.018793 | 0.1113387 | -3.349723 | MINOS1-NBL1 |
| YTHDC2 | -1.088461 | 6.6668234 | -2.52937 | 0.0188995 | 0.1116817 | -3.354693 | YTHDC2 |
| MDM1 | -1.101991 | 5.5132762 | -2.529103 | 0.0189106 | 0.1116817 | -3.355211 | MDM1 |
| NR2C1 | -1.019857 | 6.9529374 | -2.525238 | 0.0190724 | 0.1119724 | -3.362707 | NR2C1 |
| VSIG4 | 1.0988294 | 8.0049028 | 2.5250479 | 0.0190804 | 0.1119724 | -3.363076 | VSIG4 |
| DOK5 | 1.3138967 | 6.9724801 | 2.5232961 | 0.0191542 | 0.1120991 | -3.366471 | DOK5 |
| SFRP1 | 1.5449544 | 10.536198 | 2.5232201 | 0.0191574 | 0.1120991 | -3.366618 | SFRP1 |
| RPAP3 | -1.111606 | 6.2342892 | -2.522813 | 0.0191746 | 0.1121288 | -3.367407 | RPAP3 |
| PDIA3 | -1.024176 | 10.216612 | -2.521231 | 0.0192416 | 0.1122311 | -3.370472 | PDIA3 |
| ZNF117 | -1.06926 | 4.8463374 | -2.520476 | 0.0192736 | 0.1123066 | -3.371935 | ZNF117 |
| FMO1 | 1.9854437 | 5.8049551 | 2.5164466 | 0.0194454 | 0.1126968 | -3.379735 | FMO1 |
| LY96 | 1.010397 | 7.0378358 | 2.5136629 | 0.0195649 | 0.1130037 | -3.38512 | LY96 |
| TMEM47 | 1.0785744 | 8.3036565 | 2.5076795 | 0.019824 | 0.113901 | -3.396683 | TMEM47 |
| SLC18A2 | -1.002261 | 6.24689 | -2.507043 | 0.0198518 | 0.113901 | -3.397913 | SLC18A2 |
| ADAM22 | 1.3230742 | 5.7836097 | 2.5047244 | 0.0199532 | 0.1139857 | -3.402389 | ADAM22 |
| PLA2G5 | 1.8334915 | 4.0816766 | 2.500504 | 0.0201391 | 0.1144522 | -3.410532 | PLA2G5 |
| IGFBP4 | 1.2285273 | 10.712034 | 2.4993305 | 0.020191 | 0.1146434 | -3.412794 | IGFBP4 |
| MYO5C | -1.055197 | 8.9241025 | -2.498066 | 0.0202472 | 0.1148239 | -3.415232 | MYO5C |
| CDA | 1.1241097 | 6.307241 | 2.4935218 | 0.0204501 | 0.1148377 | -3.423986 | CDA |
| LOC102725263 | -1.304033 | 7.2991388 | -2.491172 | 0.0205557 | 0.115019 | -3.428509 | LOC102725263 |
| DTL | -1.537635 | 6.9145697 | -2.483635 | 0.0208981 | 0.1161903 | -3.443003 | DTL |
| POLE2 | -1.172743 | 5.4890636 | -2.483301 | 0.0209134 | 0.1162258 | -3.443643 | POLE2 |
| LOC101060386 | -1.114271 | 3.5988956 | -2.482225 | 0.0209627 | 0.1163521 | -3.445712 | LOC101060386 |
| SERPINF1 | 1.0590829 | 11.224597 | 2.4713308 | 0.0214684 | 0.1173687 | -3.466611 | SERPINF1 |
| PLA2G2A | 2.5261672 | 7.4754316 | 2.4711841 | 0.0214753 | 0.1173687 | -3.466892 | PLA2G2A |
| IGLL3P | 1.3206701 | 7.4154787 | 2.4698431 | 0.0215383 | 0.1175201 | -3.469461 | IGLL3P |
| MIR8071-2 | 2.7948817 | 9.4346503 | 2.4693659 | 0.0215608 | 0.1175303 | -3.470375 | MIR8071-2 |
| PRKCQ | -1.108845 | 7.2662961 | -2.468351 | 0.0216087 | 0.1176549 | -3.472318 | PRKCQ |
| SCYL2 | -1.03125 | 4.0821206 | -2.462359 | 0.0218934 | 0.1184275 | -3.483785 | SCYL2 |
| PIGA | -1.043979 | 4.5843621 | -2.461979 | 0.0219115 | 0.1184275 | -3.484511 | PIGA |
| APLNR | 1.1898918 | 7.6226567 | 2.4604879 | 0.021983 | 0.1186657 | -3.487362 | APLNR |
| ATAD2 | -1.352571 | 4.4503723 | -2.455007 | 0.0222474 | 0.1192872 | -3.497833 | ATAD2 |
| NBL1 | 1.4478908 | 9.8626344 | 2.4529183 | 0.0223489 | 0.119426 | -3.501819 | NBL1 |
| SLC15A2 | -2.028268 | 6.5957041 | -2.44941 | 0.0225205 | 0.1199657 | -3.508511 | SLC15A2 |
| ANXA3 | -1.039773 | 6.973519 | -2.443407 | 0.0228168 | 0.1206051 | -3.519949 | ANXA3 |
| KYNU | -1.456168 | 6.40286 | -2.435614 | 0.0232069 | 0.1214239 | -3.534774 | KYNU |
| TMEM260 | -1.192817 | 7.2498093 | -2.431985 | 0.0233906 | 0.1217629 | -3.541669 | TMEM260 |
| CCNA2 | -1.453971 | 6.1889038 | -2.428078 | 0.0235899 | 0.1221836 | -3.549086 | CCNA2 |
| IGK | 2.0868571 | 10.180414 | 2.4263008 | 0.0236811 | 0.1223851 | -3.552457 | IGK |
| COMP | 1.8821705 | 5.9245239 | 2.4237509 | 0.0238125 | 0.1226102 | -3.557292 | COMP |
| DDX52 | -1.128159 | 7.908788 | -2.422811 | 0.0238611 | 0.1228122 | -3.559073 | DDX52 |
| NR4A1 | 1.1242233 | 7.560994 | 2.4065326 | 0.0247177 | 0.1244339 | -3.589863 | NR4A1 |
| LOC100996809 | 1.0290721 | 11.11638 | 2.4022839 | 0.0249459 | 0.1247564 | -3.59788 | LOC100996809 |
| ITGB8 | -1.187475 | 5.3009101 | -2.400706 | 0.0250311 | 0.1248882 | -3.600855 | ITGB8 |
| LRRC32 | 1.1617677 | 7.2685161 | 2.397561 | 0.0252018 | 0.1252378 | -3.606782 | LRRC32 |
| SLC7A1 | -1.113011 | 10.623267 | -2.397215 | 0.0252207 | 0.1252378 | -3.607435 | SLC7A1 |
| EHF | -1.895654 | 4.9439033 | -2.393486 | 0.0254246 | 0.1259594 | -3.614455 | EHF |
| CENPN | -1.475835 | 6.6438649 | -2.392197 | 0.0254955 | 0.1261198 | -3.616882 | CENPN |
| IFT74 | -1.180375 | 5.4468725 | -2.390752 | 0.0255751 | 0.126267 | -3.6196 | IFT74 |
| BLM | -1.062482 | 5.6596732 | -2.387459 | 0.0257575 | 0.1265555 | -3.625791 | BLM |
| HLA-DRB1 | 1.0046024 | 11.490737 | 2.3864856 | 0.0258116 | 0.1265623 | -3.627619 | HLA-DRB1 |
| ERI2 | -1.159296 | 6.1883338 | -2.384948 | 0.0258973 | 0.1265777 | -3.630507 | ERI2 |
| AURKA | -1.251162 | 6.8710631 | -2.377851 | 0.0262963 | 0.1274309 | -3.643825 | AURKA |
| RBBP8 | -1.13598 | 8.9117012 | -2.377842 | 0.0262969 | 0.1274309 | -3.643843 | RBBP8 |
| C8orf4 | -1.019305 | 7.2698087 | -2.372391 | 0.0266072 | 0.128371 | -3.654055 | C8orf4 |
| COL14A1 | 1.4801103 | 8.4129494 | 2.3688006 | 0.0268135 | 0.1288335 | -3.660776 | COL14A1 |
| MT1M | 1.9493132 | 7.3012076 | 2.3663595 | 0.0269545 | 0.1291022 | -3.665342 | MT1M |
| LOXL1 | 1.0183244 | 8.5315381 | 2.358604 | 0.0274073 | 0.1303587 | -3.679828 | LOXL1 |
| DPP6 | 1.3013926 | 7.4442348 | 2.3571558 | 0.0274926 | 0.1304865 | -3.68253 | DPP6 |
| NCAPH | -1.012361 | 5.3810159 | -2.351876 | 0.0278057 | 0.1309226 | -3.692373 | NCAPH |
| CDK1 | -1.612152 | 7.4760539 | -2.348687 | 0.0279964 | 0.1311605 | -3.698312 | CDK1 |
| OFD1 | -1.300874 | 8.6845767 | -2.343238 | 0.0283251 | 0.1315299 | -3.70845 | OFD1 |
| PBK | -2.027965 | 5.4452814 | -2.343052 | 0.0283363 | 0.1315299 | -3.708795 | PBK |
| GCNT3 | -1.384395 | 7.0328586 | -2.341424 | 0.0284353 | 0.1316917 | -3.711821 | GCNT3 |
| MAP2K6 | -1.274284 | 7.8385169 | -2.340652 | 0.0284823 | 0.1316917 | -3.713255 | MAP2K6 |
| COLEC12 | 1.0191159 | 7.3286161 | 2.3379991 | 0.0286444 | 0.1320277 | -3.718182 | COLEC12 |
| TMEM144 | -1.133431 | 4.446778 | -2.337986 | 0.0286451 | 0.1320277 | -3.718206 | TMEM144 |
| LMNB1 | -1.884882 | 6.0749611 | -2.32909 | 0.029195 | 0.132925 | -3.734705 | LMNB1 |
| SPAG5 | -1.09411 | 7.1039483 | -2.326011 | 0.0293875 | 0.1334766 | -3.740405 | SPAG5 |
| CCNB1 | -1.441476 | 7.236489 | -2.323124 | 0.0295691 | 0.133939 | -3.745747 | CCNB1 |
| TIMP1 | 1.0020893 | 12.015954 | 2.3213181 | 0.0296832 | 0.1342069 | -3.749086 | TIMP1 |
| PRKY | -1.092022 | 7.4981465 | -2.316813 | 0.0299697 | 0.1346271 | -3.757411 | PRKY |
| ATF3 | 1.3986488 | 7.2040933 | 2.3154056 | 0.0300596 | 0.1348002 | -3.760009 | ATF3 |
| IGFBP5 | 1.2290849 | 11.819695 | 2.3130789 | 0.030209 | 0.1348843 | -3.764303 | IGFBP5 |
| ACPP | -1.693374 | 6.2404306 | -2.313072 | 0.0302094 | 0.1348843 | -3.764315 | ACPP |
| MIR15A | -1.119619 | 3.8578118 | -2.312594 | 0.0302402 | 0.1349421 | -3.765197 | MIR15A |
| KLRC2 | -1.275922 | 6.0034704 | -2.29965 | 0.0310842 | 0.1364565 | -3.789034 | KLRC2 |
| COL6A2 | 1.0847793 | 11.073714 | 2.2961167 | 0.0313184 | 0.1368833 | -3.795527 | COL6A2 |
| IL15 | -1.187787 | 7.2730378 | -2.290238 | 0.0317115 | 0.1375033 | -3.806317 | IL15 |
| SHANK2 | -1.459091 | 6.944615 | -2.290072 | 0.0317226 | 0.1375033 | -3.806621 | SHANK2 |
| KIF20A | -1.802546 | 6.7484043 | -2.288916 | 0.0318005 | 0.1376408 | -3.80874 | KIF20A |
| HPR | 1.4988927 | 6.4935498 | 2.2885794 | 0.0318232 | 0.1376408 | -3.809357 | HPR |
| OLFML1 | 1.2694689 | 8.6861194 | 2.2865059 | 0.0319634 | 0.1377597 | -3.813157 | OLFML1 |
| DLGAP5 | -2.036955 | 5.251103 | -2.283392 | 0.032175 | 0.1380478 | -3.81886 | DLGAP5 |
| TOX3 | -1.501402 | 5.0523537 | -2.276963 | 0.0326158 | 0.1385409 | -3.830619 | TOX3 |
| PERP | -1.414493 | 8.2884571 | -2.276403 | 0.0326545 | 0.1385622 | -3.831643 | PERP |
| RASL11B | 1.1349694 | 8.2647699 | 2.2751762 | 0.0327393 | 0.1386975 | -3.833884 | RASL11B |
| LRRC31 | -1.4853 | 3.9491871 | -2.273503 | 0.0328554 | 0.1388298 | -3.836939 | LRRC31 |
| ZNF277 | -1.020428 | 6.7927137 | -2.27036 | 0.0330744 | 0.1393474 | -3.842675 | ZNF277 |
| C3 | 1.6612109 | 11.301904 | 2.2677376 | 0.0332581 | 0.1396578 | -3.847458 | C3 |
| CXCL13 | -1.548515 | 3.9130085 | -2.267653 | 0.0332641 | 0.1396578 | -3.847612 | CXCL13 |
| MSH2 | -1.035853 | 6.5038697 | -2.26566 | 0.0334044 | 0.1397967 | -3.851244 | MSH2 |
| HMGB2 | -1.090198 | 9.8686378 | -2.261614 | 0.0336908 | 0.1404125 | -3.858613 | HMGB2 |
| ELN | 1.2162514 | 7.6206147 | 2.2558816 | 0.0341005 | 0.1407797 | -3.869037 | ELN |
| FCGR2B | 1.2794144 | 5.9302848 | 2.2535122 | 0.0342712 | 0.140944 | -3.873341 | FCGR2B |
| UBXN8 | -1.070986 | 6.559781 | -2.249651 | 0.034551 | 0.1415207 | -3.880349 | UBXN8 |
| NES | 1.0829691 | 9.2396017 | 2.246305 | 0.0347951 | 0.1419465 | -3.886417 | NES |
| HP | 1.4109054 | 7.2880702 | 2.2413962 | 0.0351561 | 0.1423696 | -3.895308 | HP |
| OIP5 | -1.380331 | 5.8028646 | -2.238187 | 0.035394 | 0.1427118 | -3.901114 | OIP5 |
| CCDC88A | -1.144381 | 6.538026 | -2.236835 | 0.0354946 | 0.1429278 | -3.903558 | CCDC88A |
| TIMP3 | 1.2200065 | 10.234265 | 2.2349852 | 0.0356328 | 0.143176 | -3.906902 | TIMP3 |
| ZNF750 | -1.194224 | 3.303243 | -2.234223 | 0.0356899 | 0.1432292 | -3.908279 | ZNF750 |
| HMMR | -1.771196 | 5.9016398 | -2.231664 | 0.035882 | 0.1434992 | -3.912899 | HMMR |
| TANK | -1.055083 | 7.4792883 | -2.230464 | 0.0359724 | 0.1436687 | -3.915065 | TANK |
| ZNF273 | -1.02971 | 4.3943492 | -2.229822 | 0.0360209 | 0.1438092 | -3.916224 | ZNF273 |
| CLU | 1.6249762 | 9.6579664 | 2.2287587 | 0.0361013 | 0.1440424 | -3.918142 | CLU |
| HELLS | -1.143478 | 5.7853446 | -2.228377 | 0.0361302 | 0.1441138 | -3.918831 | HELLS |
| LOC102724093 | -1.204428 | 6.698475 | -2.211669 | 0.0374163 | 0.1469935 | -3.948894 | LOC102724093 |
| E2F8 | -1.565046 | 4.6418307 | -2.202166 | 0.0381661 | 0.1480587 | -3.96593 | E2F8 |
| CTNNA2 | -1.687943 | 7.3393681 | -2.201086 | 0.0382522 | 0.1482654 | -3.967864 | CTNNA2 |
| MCM10 | -1.225583 | 4.8710576 | -2.200546 | 0.0382953 | 0.1482654 | -3.96883 | MCM10 |
| EFHC2 | -1.742263 | 6.622354 | -2.19589 | 0.0386688 | 0.1487716 | -3.977155 | EFHC2 |
| GGH | -1.191961 | 6.9200602 | -2.195847 | 0.0386722 | 0.1487716 | -3.977232 | GGH |
| EGR2 | 1.3336837 | 5.7952141 | 2.1905649 | 0.0391 | 0.149465 | -3.986665 | EGR2 |
| GINS1 | -1.185509 | 6.9408523 | -2.185706 | 0.0394972 | 0.1503558 | -3.995329 | GINS1 |
| PRC1 | -1.297656 | 7.3700594 | -2.184298 | 0.039613 | 0.150534 | -3.997837 | PRC1 |
| ATR | -1.009642 | 7.7072181 | -2.183148 | 0.0397078 | 0.1508057 | -3.999885 | ATR |
| IGHA2 | 2.369676 | 7.8616036 | 2.1821492 | 0.0397903 | 0.1509244 | -4.001663 | IGHA2 |
| LEFTY1 | 2.1644444 | 8.3094343 | 2.1724332 | 0.0406011 | 0.1527818 | -4.018933 | LEFTY1 |
| FBLN5 | 1.1992355 | 9.1317745 | 2.1710193 | 0.0407203 | 0.1530918 | -4.021442 | FBLN5 |
| BTG3 | -1.012476 | 9.6055096 | -2.169827 | 0.0408211 | 0.1531758 | -4.023558 | BTG3 |
| MT1E | 1.0072983 | 10.592291 | 2.1696496 | 0.0408361 | 0.1531758 | -4.023872 | MT1E |
| NCAPG | -1.434908 | 5.886382 | -2.160165 | 0.0416461 | 0.1547582 | -4.04067 | NCAPG |
| ARHGAP6 | 1.0642273 | 6.6810062 | 2.1545745 | 0.0421304 | 0.1554551 | -4.050549 | ARHGAP6 |
| ST6GALNAC5 | 1.0084708 | 4.0469536 | 2.1539161 | 0.0421877 | 0.1556229 | -4.051711 | ST6GALNAC5 |
| CEP83 | -1.159103 | 5.7613901 | -2.15258 | 0.0423043 | 0.1558841 | -4.054069 | CEP83 |
| MREG | -1.081587 | 6.670702 | -2.148682 | 0.0426462 | 0.1565027 | -4.060944 | MREG |
| NCAPG2 | -1.106821 | 5.4401448 | -2.147969 | 0.042709 | 0.1565759 | -4.0622 | NCAPG2 |
| LOC100506123 | -1.114049 | 5.6984639 | -2.145777 | 0.0429027 | 0.1568906 | -4.066062 | LOC100506123 |
| PIP5K1B | -1.508351 | 7.246545 | -2.1441 | 0.0430513 | 0.1571099 | -4.069014 | PIP5K1B |
| TTK | -1.72306 | 4.7127008 | -2.142501 | 0.0431935 | 0.1573849 | -4.071828 | TTK |
| STX18 | -1.065843 | 10.057051 | -2.14046 | 0.0433756 | 0.1576079 | -4.075417 | STX18 |
| ADAMTS2 | 1.0730673 | 6.7461974 | 2.1394909 | 0.0434623 | 0.1576705 | -4.077122 | ADAMTS2 |
| FAM134B | -1.031031 | 6.7012163 | -2.130562 | 0.0442686 | 0.1593498 | -4.092796 | FAM134B |
| HJURP | -1.116526 | 6.0534113 | -2.125629 | 0.0447197 | 0.1599579 | -4.101436 | HJURP |
| EPCAM | -1.533393 | 9.5373068 | -2.123828 | 0.0448854 | 0.1602492 | -4.104588 | EPCAM |
| CDKN3 | -1.565955 | 6.5460881 | -2.112975 | 0.0458961 | 0.1620385 | -4.123543 | CDKN3 |
| NEK2 | -1.426635 | 5.5509099 | -2.11062 | 0.046118 | 0.1623923 | -4.127647 | NEK2 |
| PTCH1 | -1.276541 | 9.3985238 | -2.106187 | 0.0465385 | 0.1632149 | -4.135366 | PTCH1 |
| SLC39A8 | -1.135847 | 8.2326029 | -2.091511 | 0.047955 | 0.1659089 | -4.160842 | SLC39A8 |
| CDC6 | -1.064359 | 5.1504926 | -2.086369 | 0.0484605 | 0.1666975 | -4.169741 | CDC6 |
| IDO1 | -1.749011 | 8.4148074 | -2.082641 | 0.0488299 | 0.167353 | -4.176184 | IDO1 |
| GSAP | -1.188696 | 6.5845899 | -2.081215 | 0.0489718 | 0.1674019 | -4.178645 | GSAP |
| PTER | -1.082608 | 5.7732652 | -2.080957 | 0.0489975 | 0.1674019 | -4.17909 | PTER |
| FANCI | -1.105185 | 6.9531031 | -2.079502 | 0.0491429 | 0.1676628 | -4.181602 | FANCI |
| KLF5 | -1.108352 | 7.9945748 | -2.078275 | 0.0492657 | 0.1678483 | -4.183719 | KLF5 |
| DMTF1 | -1.083261 | 7.7561794 | -2.077359 | 0.0493575 | 0.168062 | -4.185297 | DMTF1 |
| MKI67 | -1.184689 | 6.1992038 | -2.075412 | 0.0495534 | 0.168335 | -4.188654 | MKI67 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Table 3.** DEGs(GSE7307） | | | | | | | |
| Genes | logFC | AveExpr | t | P value | adj. p value | B | id |
| CLDN11 | 6.268089032 | 7.636470269 | 56.38894457 | 2.28E-25 | 4.96E-21 | 44.71035584 | CLDN11 |
| C7 | 6.270309235 | 8.436140358 | 45.09440826 | 3.05E-23 | 3.32E-19 | 41.26410211 | C7 |
| CSTA | 3.94335872 | 7.351798593 | 35.14627699 | 6.97E-21 | 5.05E-17 | 36.91359594 | CSTA |
| LINC01116 | 2.318497737 | 6.631187263 | 32.71250707 | 3.31E-20 | 1.80E-16 | 35.58201498 | LINC01116 |
| SCN7A | 5.013774854 | 6.436989093 | 31.49948545 | 7.49E-20 | 3.26E-16 | 34.86921302 | SCN7A |
| PTGIS | 4.905540449 | 8.140399346 | 30.5270424 | 1.47E-19 | 5.35E-16 | 34.27209077 | PTGIS |
| GATA6 | 4.878194698 | 6.815837778 | 28.77301985 | 5.28E-19 | 1.61E-15 | 33.13267752 | GATA6 |
| SERPINE2 | 4.106051416 | 9.045948782 | 28.62461265 | 5.91E-19 | 1.61E-15 | 33.0323763 | SERPINE2 |
| ITPR1 | 2.905089666 | 7.332136303 | 28.19222217 | 8.20E-19 | 1.86E-15 | 32.73651345 | ITPR1 |
| ZFPM2 | 3.138109315 | 7.547384897 | 28.140305 | 8.53E-19 | 1.86E-15 | 32.70062087 | ZFPM2 |
| ARX | 4.601612615 | 6.598587384 | 27.92526289 | 1.01E-18 | 1.99E-15 | 32.5510999 | ARX |
| DLK1 | 5.932192056 | 7.662974048 | 27.164072 | 1.82E-18 | 3.30E-15 | 32.01055406 | DLK1 |
| DPYSL3 | 3.502390913 | 8.874616784 | 26.96786234 | 2.13E-18 | 3.56E-15 | 31.86829626 | DPYSL3 |
| WNT2B | 3.512836176 | 6.984780399 | 26.38957171 | 3.39E-18 | 5.26E-15 | 31.44181802 | WNT2B |
| CFHR1 | 4.356218741 | 8.38400425 | 25.61336187 | 6.42E-18 | 9.31E-15 | 30.85189776 | CFHR1 |
| TCF21 | 4.448976346 | 7.652383488 | 25.01941117 | 1.06E-17 | 1.37E-14 | 30.38637251 | TCF21 |
| SYNPO | 2.573063745 | 7.319956989 | 25.01154255 | 1.07E-17 | 1.37E-14 | 30.38012053 | SYNPO |
| CHL1 | 4.690197185 | 6.729498944 | 24.4283182 | 1.77E-17 | 2.14E-14 | 29.91038678 | CHL1 |
| FIBIN | 3.572707565 | 6.907872597 | 24.27491477 | 2.02E-17 | 2.31E-14 | 29.78472199 | FIBIN |
| CREBL2 | 1.335944484 | 8.45459003 | 22.03310368 | 1.58E-16 | 1.72E-13 | 27.84058405 | CREBL2 |
| PRR5-ARHGAP8 | -2.30098904 | 6.452193856 | -21.8553884 | 1.88E-16 | 1.95E-13 | 27.67729326 | PRR5-ARHGAP8 |
| CFH | 4.136388584 | 8.040738381 | 21.80604415 | 1.97E-16 | 1.95E-13 | 27.63170037 | CFH |
| WIPF3 | 3.280473891 | 7.32401973 | 21.64797657 | 2.30E-16 | 2.17E-13 | 27.4849002 | WIPF3 |
| NFASC | 3.517033779 | 6.242953801 | 21.57693901 | 2.46E-16 | 2.21E-13 | 27.41855163 | NFASC |
| PRELP | 3.46182772 | 7.564553637 | 21.54541001 | 2.54E-16 | 2.21E-13 | 27.38902882 | PRELP |
| NRK | 3.789975956 | 6.039125125 | 21.08239088 | 4.02E-16 | 3.33E-13 | 26.9500881 | NRK |
| MAST4 | 1.575425651 | 7.758342442 | 21.05545446 | 4.13E-16 | 3.33E-13 | 26.92423803 | MAST4 |
| TWIST2 | -1.98940786 | 8.346619894 | -20.8074707 | 5.30E-16 | 4.12E-13 | 26.68460028 | TWIST2 |
| LY96 | 2.804022815 | 7.268235 | 20.57395375 | 6.72E-16 | 5.04E-13 | 26.4561766 | LY96 |
| DIRAS3 | 4.521145917 | 6.964931647 | 20.33584305 | 8.59E-16 | 6.23E-13 | 26.22044482 | DIRAS3 |
| KCNT2 | 3.56390488 | 5.870505048 | 20.16157092 | 1.03E-15 | 7.22E-13 | 26.04608198 | KCNT2 |
| VCAM1 | 3.860506976 | 7.476310923 | 20.07655751 | 1.12E-15 | 7.64E-13 | 25.96045507 | VCAM1 |
| AQP1 | 1.768639687 | 8.033625394 | 19.65493105 | 1.75E-15 | 1.16E-12 | 25.53016896 | AQP1 |
| DLX6 | -3.7163727 | 5.831149611 | -19.505513 | 2.06E-15 | 1.32E-12 | 25.37539877 | DLX6 |
| SIGLEC11 | 3.457010571 | 6.572227354 | 19.33869611 | 2.46E-15 | 1.53E-12 | 25.20116674 | SIGLEC11 |
| PRSS8 | -2.11611732 | 6.266223133 | -19.2324703 | 2.76E-15 | 1.67E-12 | 25.08941834 | PRSS8 |
| MARVELD2 | -2.14372717 | 6.545981839 | -19.0666491 | 3.31E-15 | 1.95E-12 | 24.91371592 | MARVELD2 |
| GDF7 | -3.37419766 | 8.246665147 | -18.8811143 | 4.06E-15 | 2.33E-12 | 24.7152811 | GDF7 |
| MEIS2 | 1.776808138 | 8.060156913 | 18.69512455 | 4.99E-15 | 2.78E-12 | 24.51437576 | MEIS2 |
| PPP1R12B | 1.86096849 | 8.411814971 | 18.62490123 | 5.40E-15 | 2.88E-12 | 24.43799796 | PPP1R12B |
| FOXA2 | -2.1223699 | 6.274763611 | -18.6216736 | 5.42E-15 | 2.88E-12 | 24.43448055 | FOXA2 |
| NID2 | 2.015099317 | 8.240613089 | 18.57345494 | 5.72E-15 | 2.96E-12 | 24.38185939 | NID2 |
| RAB25 | -2.79624179 | 6.65155323 | -18.2738897 | 8.02E-15 | 4.06E-12 | 24.05185332 | RAB25 |
| DUBR | 1.789325184 | 6.159441456 | 18.09620784 | 9.82E-15 | 4.86E-12 | 23.85356392 | DUBR |
| GRHL2 | -2.0480204 | 5.831524536 | -17.9591578 | 1.15E-14 | 5.56E-12 | 23.6992981 | GRHL2 |
| LOC400043 | 2.575344589 | 7.117934355 | 17.82989238 | 1.34E-14 | 6.32E-12 | 23.55272738 | LOC400043 |
| TCEAL4 | 1.651532819 | 10.33675963 | 17.79310877 | 1.39E-14 | 6.45E-12 | 23.5108284 | TCEAL4 |
| FIGN | 2.373024359 | 6.058781987 | 17.55393724 | 1.84E-14 | 8.36E-12 | 23.23630813 | FIGN |
| KIAA1324 | -3.54125673 | 7.692670637 | -17.4011345 | 2.21E-14 | 9.81E-12 | 23.05900356 | KIAA1324 |
| WISP2 | 3.338900281 | 7.452730854 | 17.32574617 | 2.42E-14 | 1.05E-11 | 22.97096836 | WISP2 |
| SEMA6D | 2.657186174 | 6.532626966 | 17.29343153 | 2.51E-14 | 1.07E-11 | 22.93311895 | SEMA6D |
| NUAK1 | 1.898955034 | 7.937189669 | 17.17114495 | 2.91E-14 | 1.22E-11 | 22.78926506 | NUAK1 |
| SGCE | 2.662190187 | 8.167466012 | 17.058123 | 3.33E-14 | 1.37E-11 | 22.6554275 | SGCE |
| CHMP4C | -1.96551598 | 5.975194711 | -16.9873355 | 3.63E-14 | 1.46E-11 | 22.57116737 | CHMP4C |
| HOXB6 | -2.86753293 | 6.786631244 | -16.9051441 | 4.01E-14 | 1.58E-11 | 22.47290881 | HOXB6 |
| STX18 | -2.98001351 | 9.452661973 | -16.8911099 | 4.08E-14 | 1.58E-11 | 22.45608536 | STX18 |
| PPM1H | -2.84668765 | 6.856451139 | -16.7447171 | 4.88E-14 | 1.86E-11 | 22.27979592 | PPM1H |
| JAM3 | 1.203375585 | 8.461736685 | 16.61879824 | 5.70E-14 | 2.13E-11 | 22.12698128 | JAM3 |
| PDLIM3 | 3.193880355 | 7.471778876 | 16.6067611 | 5.78E-14 | 2.13E-11 | 22.11231541 | PDLIM3 |
| TCEAL2 | 2.995113791 | 6.815547923 | 16.48060601 | 6.76E-14 | 2.41E-11 | 21.95800024 | TCEAL2 |
| NTRK2 | 3.289590774 | 6.565413978 | 16.4779309 | 6.78E-14 | 2.41E-11 | 21.95471588 | NTRK2 |
| ESRP1 | -2.88850668 | 6.24757419 | -16.4671268 | 6.88E-14 | 2.41E-11 | 21.94144611 | ESRP1 |
| HOOK1 | -2.78666535 | 5.685380162 | -16.4496169 | 7.03E-14 | 2.43E-11 | 21.91992263 | HOOK1 |
| CDON | 2.641772289 | 6.795727907 | 16.38428076 | 7.62E-14 | 2.59E-11 | 21.83941863 | CDON |
| DLX5 | -2.94789745 | 7.266909428 | -16.3528105 | 7.93E-14 | 2.65E-11 | 21.80053434 | DLX5 |
| ARHGAP6 | 2.853250888 | 6.93503715 | 16.33780127 | 8.08E-14 | 2.66E-11 | 21.7819642 | ARHGAP6 |
| PEG3 | 2.90301869 | 9.840984659 | 16.29528881 | 8.52E-14 | 2.77E-11 | 21.72927847 | PEG3 |
| PLSCR4 | 2.607039625 | 7.659574105 | 16.24154133 | 9.12E-14 | 2.92E-11 | 21.66248368 | PLSCR4 |
| DMD | 2.754350935 | 7.022848398 | 16.11713987 | 1.07E-13 | 3.36E-11 | 21.50708384 | DMD |
| FOXC1 | 2.173721548 | 6.577943471 | 16.09360817 | 1.10E-13 | 3.41E-11 | 21.47756213 | FOXC1 |
| PLCXD3 | 3.337901227 | 6.999259338 | 16.07659912 | 1.12E-13 | 3.41E-11 | 21.45619827 | PLCXD3 |
| RCAN2 | 3.123507626 | 7.211952279 | 16.07249523 | 1.13E-13 | 3.41E-11 | 21.4510405 | RCAN2 |
| BICC1 | 2.312761443 | 7.425361491 | 16.06075587 | 1.15E-13 | 3.42E-11 | 21.43627966 | BICC1 |
| GATA4 | 2.669401259 | 6.255959943 | 16.04605631 | 1.17E-13 | 3.43E-11 | 21.4177825 | GATA4 |
| LOC100506388 | 2.175989415 | 5.589443707 | 15.94363351 | 1.33E-13 | 3.86E-11 | 21.28845834 | LOC100506388 |
| MSX1 | -4.463626 | 8.706800113 | -15.8155789 | 1.57E-13 | 4.49E-11 | 21.12567786 | MSX1 |
| PLXDC2 | 1.633292198 | 7.74357117 | 15.68435934 | 1.86E-13 | 5.25E-11 | 20.95760149 | PLXDC2 |
| SH3BP5 | 1.639663261 | 9.136414042 | 15.55906618 | 2.19E-13 | 6.10E-11 | 20.79589975 | SH3BP5 |
| RPP25 | 1.556708492 | 7.212686456 | 15.48096353 | 2.42E-13 | 6.61E-11 | 20.69449422 | RPP25 |
| ALDH1A2 | -1.75432105 | 6.823630686 | -15.475019 | 2.44E-13 | 6.61E-11 | 20.68675689 | ALDH1A2 |
| UGT8 | -3.06157964 | 5.473111664 | -15.4685339 | 2.46E-13 | 6.61E-11 | 20.67831274 | UGT8 |
| CELSR1 | -1.95542262 | 6.436838479 | -15.4207844 | 2.62E-13 | 6.96E-11 | 20.61603927 | CELSR1 |
| SLC16A4 | 2.448147063 | 6.66021143 | 15.38081783 | 2.76E-13 | 7.24E-11 | 20.56378016 | SLC16A4 |
| RASSF3 | 1.452861058 | 8.018328024 | 15.36150785 | 2.84E-13 | 7.34E-11 | 20.53848651 | RASSF3 |
| HOXA11 | -3.12835714 | 7.89698684 | -15.2696733 | 3.20E-13 | 8.19E-11 | 20.41779605 | HOXA11 |
| MMP23A | 1.547024359 | 5.989837841 | 15.22428126 | 3.40E-13 | 8.57E-11 | 20.3578967 | MMP23A |
| FAM162A | 1.077089673 | 9.601277764 | 15.21271745 | 3.45E-13 | 8.57E-11 | 20.34261112 | FAM162A |
| PDE7B | 1.727463786 | 7.343841295 | 15.20942065 | 3.47E-13 | 8.57E-11 | 20.33825132 | PDE7B |
| POC1B-GALNT4 | -3.26538371 | 8.469382326 | -15.172399 | 3.64E-13 | 8.91E-11 | 20.28923367 | POC1B-GALNT4 |
| HS6ST2 | 2.953278633 | 6.61062584 | 15.11349346 | 3.94E-13 | 9.45E-11 | 20.21101686 | HS6ST2 |
| GPR160 | -2.46390917 | 6.669917755 | -15.1111902 | 3.95E-13 | 9.45E-11 | 20.20795289 | GPR160 |
| TMEM150C | 1.88920385 | 7.495340843 | 15.07932054 | 4.13E-13 | 9.76E-11 | 20.16551421 | TMEM150C |
| BNC2 | 2.6017597 | 7.913446479 | 15.00030638 | 4.59E-13 | 1.07E-10 | 20.05994551 | BNC2 |
| PAPSS1 | -2.03940262 | 9.894105204 | -14.924294 | 5.08E-13 | 1.18E-10 | 19.95791288 | PAPSS1 |
| LINC01279 | 2.94171172 | 7.080708577 | 14.90812938 | 5.20E-13 | 1.19E-10 | 19.93615452 | LINC01279 |
| MKX | 3.214144608 | 5.23293552 | 14.83193687 | 5.76E-13 | 1.29E-10 | 19.83330946 | MKX |
| CDCA7 | -3.91536468 | 8.012892729 | -14.8314604 | 5.77E-13 | 1.29E-10 | 19.83266483 | CDCA7 |
| KRTCAP3 | -1.36038291 | 6.570146601 | -14.8262292 | 5.81E-13 | 1.29E-10 | 19.82558609 | KRTCAP3 |
| MSRB3 | 2.418870468 | 8.195153325 | 14.76559871 | 6.31E-13 | 1.39E-10 | 19.74337926 | MSRB3 |
| PLD1 | 1.828211457 | 6.564871545 | 14.7514267 | 6.43E-13 | 1.40E-10 | 19.72412033 | PLD1 |
| BST2 | 2.781803532 | 8.652766855 | 14.71138142 | 6.79E-13 | 1.45E-10 | 19.66961165 | BST2 |
| MAP2K6 | -1.79401545 | 6.875607768 | -14.7094334 | 6.81E-13 | 1.45E-10 | 19.66695671 | MAP2K6 |
| C4orf19 | -1.32104327 | 5.843597672 | -14.6791837 | 7.10E-13 | 1.50E-10 | 19.62568873 | C4orf19 |
| TMEM101 | -2.34602567 | 7.960466669 | -14.6482839 | 7.41E-13 | 1.55E-10 | 19.58345548 | TMEM101 |
| RYR2 | 1.433361851 | 5.888636886 | 14.59272449 | 7.99E-13 | 1.66E-10 | 19.50731807 | RYR2 |
| LINC01541 | -5.57619315 | 6.842251655 | -14.561349 | 8.35E-13 | 1.71E-10 | 19.46420789 | LINC01541 |
| GABRP | -4.81697354 | 7.400618774 | -14.556545 | 8.40E-13 | 1.71E-10 | 19.45759982 | GABRP |
| MEF2C | 1.428278473 | 7.987538266 | 14.48963033 | 9.22E-13 | 1.86E-10 | 19.36535526 | MEF2C |
| PDZRN4 | 1.42085472 | 4.745124845 | 14.37509021 | 1.08E-12 | 2.16E-10 | 19.20657873 | PDZRN4 |
| PARD3B | 1.675604336 | 6.951369731 | 14.33350469 | 1.15E-12 | 2.26E-10 | 19.14865621 | PARD3B |
| STEAP2 | 1.879018515 | 6.857141575 | 14.30455421 | 1.19E-12 | 2.34E-10 | 19.10824507 | STEAP2 |
| AP1M2 | -1.50638031 | 6.59558103 | -14.2874472 | 1.22E-12 | 2.37E-10 | 19.08433204 | AP1M2 |
| RBMS3 | 2.447857939 | 7.977311066 | 14.2769495 | 1.24E-12 | 2.39E-10 | 19.06964541 | RBMS3 |
| LHFP | 1.895890783 | 8.916183729 | 14.26869349 | 1.25E-12 | 2.39E-10 | 19.05808831 | LHFP |
| PLPP2 | -2.32876374 | 7.015263083 | -14.224648 | 1.33E-12 | 2.52E-10 | 18.99633231 | PLPP2 |
| ASRGL1 | -3.53088919 | 8.774348795 | -14.2148818 | 1.35E-12 | 2.54E-10 | 18.98261642 | ASRGL1 |
| LOC101930363 | 2.534257002 | 5.881594063 | 14.19649124 | 1.39E-12 | 2.56E-10 | 18.9567659 | LOC101930363 |
| ARHGEF6 | 1.476096368 | 7.136603847 | 14.19142674 | 1.40E-12 | 2.56E-10 | 18.94964188 | ARHGEF6 |
| CAV2 | 1.853725995 | 8.119062076 | 14.19001769 | 1.40E-12 | 2.56E-10 | 18.94765944 | CAV2 |
| ARHGAP25 | 1.053461492 | 6.678895027 | 14.16371501 | 1.45E-12 | 2.64E-10 | 18.91062155 | ARHGAP25 |
| RASGRF2 | 2.952998861 | 6.618535787 | 14.1225201 | 1.54E-12 | 2.77E-10 | 18.85249234 | RASGRF2 |
| HOXA10 | -3.85970497 | 7.60279898 | -14.0523645 | 1.70E-12 | 3.03E-10 | 18.75315602 | HOXA10 |
| DSE | 2.282337091 | 8.237335193 | 14.04023428 | 1.73E-12 | 3.06E-10 | 18.73593655 | DSE |
| CAPS | -2.52607153 | 8.200494594 | -14.0032831 | 1.83E-12 | 3.20E-10 | 18.68340265 | CAPS |
| RERG | 2.248578408 | 7.0022901 | 13.98222336 | 1.88E-12 | 3.27E-10 | 18.65340783 | RERG |
| GATM | 2.862399164 | 7.41607177 | 13.97320086 | 1.91E-12 | 3.29E-10 | 18.64054534 | GATM |
| FMO1 | 2.486101463 | 7.262333491 | 13.95325722 | 1.96E-12 | 3.34E-10 | 18.61208808 | FMO1 |
| CCDC69 | 1.73464456 | 6.581077826 | 13.95215157 | 1.96E-12 | 3.34E-10 | 18.61050942 | CCDC69 |
| HERC5 | 1.97327377 | 6.792997923 | 13.93900133 | 2.00E-12 | 3.37E-10 | 18.59172498 | HERC5 |
| XPR1 | -1.26764948 | 8.020541501 | -13.9146795 | 2.07E-12 | 3.47E-10 | 18.55694206 | XPR1 |
| SHE | 1.442773598 | 6.676008165 | 13.89040184 | 2.14E-12 | 3.55E-10 | 18.5221697 | SHE |
| KLHDC8A | 2.934714585 | 6.788715397 | 13.8876104 | 2.15E-12 | 3.55E-10 | 18.51816822 | KLHDC8A |
| ESR1 | -2.91664763 | 9.614616683 | -13.8760241 | 2.19E-12 | 3.58E-10 | 18.50155206 | ESR1 |
| SH3D19 | 2.33243745 | 8.338118409 | 13.77370843 | 2.54E-12 | 4.12E-10 | 18.35429679 | SH3D19 |
| TNS1 | 1.968679846 | 9.658109075 | 13.7649378 | 2.57E-12 | 4.14E-10 | 18.34163009 | TNS1 |
| P2RY14 | -3.623051 | 7.679520314 | -13.7217973 | 2.73E-12 | 4.37E-10 | 18.27922469 | P2RY14 |
| APCDD1 | -2.87456609 | 9.327178846 | -13.7091174 | 2.78E-12 | 4.42E-10 | 18.26085032 | APCDD1 |
| IRF6 | -1.4509638 | 6.969138873 | -13.6937054 | 2.85E-12 | 4.48E-10 | 18.23849732 | IRF6 |
| STXBP6 | -2.11881568 | 6.491979973 | -13.6785138 | 2.91E-12 | 4.48E-10 | 18.2164429 | STXBP6 |
| TSPAN18 | 1.259832933 | 6.986248594 | 13.67839717 | 2.91E-12 | 4.48E-10 | 18.21627351 | TSPAN18 |
| SERPINA3 | 2.388908954 | 7.828363589 | 13.67434668 | 2.93E-12 | 4.48E-10 | 18.21038961 | SERPINA3 |
| PODN | 1.889903387 | 7.437550902 | 13.67295132 | 2.93E-12 | 4.48E-10 | 18.20836231 | PODN |
| CCDC80 | 2.494353692 | 8.306481027 | 13.67087934 | 2.94E-12 | 4.48E-10 | 18.20535162 | CCDC80 |
| FXYD6 | 1.804593888 | 7.911614093 | 13.62761773 | 3.13E-12 | 4.70E-10 | 18.14240124 | FXYD6 |
| EYA2 | -3.5121513 | 7.433675684 | -13.6274636 | 3.14E-12 | 4.70E-10 | 18.14217665 | EYA2 |
| CREG1 | 1.433096907 | 9.377675328 | 13.61793973 | 3.18E-12 | 4.74E-10 | 18.1282953 | CREG1 |
| MGC24103 | 2.364176055 | 8.037732579 | 13.52783403 | 3.63E-12 | 5.37E-10 | 17.99655166 | MGC24103 |
| PPFIBP1 | 2.66440144 | 7.61818752 | 13.49421124 | 3.81E-12 | 5.60E-10 | 17.94720022 | PPFIBP1 |
| CPXM2 | 2.841342378 | 7.659732184 | 13.46658236 | 3.97E-12 | 5.79E-10 | 17.90656836 | CPXM2 |
| JADE2 | 1.345506589 | 7.452267965 | 13.45425712 | 4.04E-12 | 5.86E-10 | 17.88841967 | JADE2 |
| PEG3-AS1 | 2.226778952 | 7.456741291 | 13.44203865 | 4.11E-12 | 5.92E-10 | 17.87041426 | PEG3-AS1 |
| P2RX7 | 1.631443243 | 5.659844581 | 13.41165485 | 4.30E-12 | 6.15E-10 | 17.82557983 | P2RX7 |
| TMEM255A | 4.093545304 | 5.58836091 | 13.37813001 | 4.52E-12 | 6.42E-10 | 17.77601059 | TMEM255A |
| PLLP | -1.93846223 | 7.031779214 | -13.342606 | 4.76E-12 | 6.67E-10 | 17.72337069 | PLLP |
| INMT | 2.230863723 | 6.503707335 | 13.3366067 | 4.81E-12 | 6.67E-10 | 17.71446922 | INMT |
| WWC3 | 1.039456271 | 7.646140725 | 13.33652403 | 4.81E-12 | 6.67E-10 | 17.71434653 | WWC3 |
| PTPN3 | -1.46867415 | 6.503546633 | -13.335202 | 4.82E-12 | 6.67E-10 | 17.71238446 | PTPN3 |
| HOXC6 | 3.487499137 | 8.156688122 | 13.32975398 | 4.85E-12 | 6.68E-10 | 17.70429731 | HOXC6 |
| LOC101928635 | -3.33485298 | 8.797329688 | -13.3081949 | 5.01E-12 | 6.86E-10 | 17.67226713 | LOC101928635 |
| DCLK1 | 1.808045444 | 6.191023631 | 13.28041516 | 5.22E-12 | 7.10E-10 | 17.63093032 | DCLK1 |
| SALL1 | -3.15228878 | 6.59079962 | -13.2672268 | 5.33E-12 | 7.20E-10 | 17.61128033 | SALL1 |
| DHRS2 | 3.730774424 | 5.780700878 | 13.25905527 | 5.39E-12 | 7.24E-10 | 17.59909692 | DHRS2 |
| CLDN3 | -2.07780492 | 7.788348517 | -13.2391092 | 5.55E-12 | 7.41E-10 | 17.56933163 | CLDN3 |
| GATA6-AS1 | 1.313255807 | 6.176774107 | 13.21692901 | 5.74E-12 | 7.61E-10 | 17.53618812 | GATA6-AS1 |
| EMX2 | -1.74514599 | 8.011160391 | -13.1803723 | 6.06E-12 | 7.99E-10 | 17.48146002 | EMX2 |
| FLRT3 | 2.478609885 | 6.803711158 | 13.16738024 | 6.18E-12 | 8.10E-10 | 17.46197939 | FLRT3 |
| PBX3 | 2.075471795 | 8.024863696 | 13.14057646 | 6.43E-12 | 8.33E-10 | 17.42173812 | PBX3 |
| DENND5B | 2.086580985 | 7.340648252 | 13.12111072 | 6.63E-12 | 8.48E-10 | 17.39247061 | DENND5B |
| PDGFD | 2.621209804 | 8.047227899 | 13.11186858 | 6.72E-12 | 8.48E-10 | 17.37856199 | PDGFD |
| SYTL2 | 2.295713453 | 7.099732201 | 13.10787332 | 6.76E-12 | 8.48E-10 | 17.37254694 | SYTL2 |
| PLN | 3.093514415 | 6.870242895 | 13.10656833 | 6.77E-12 | 8.48E-10 | 17.37058188 | PLN |
| TGFBR3 | 2.910258879 | 8.919455134 | 13.10618002 | 6.78E-12 | 8.48E-10 | 17.36999713 | TGFBR3 |
| CPNE8 | 1.547607973 | 6.079792212 | 13.10501635 | 6.79E-12 | 8.48E-10 | 17.3682447 | CPNE8 |
| NECTIN3 | 1.390616215 | 5.535174567 | 13.06410332 | 7.22E-12 | 8.97E-10 | 17.30654878 | NECTIN3 |
| VWF | 1.224796087 | 9.24044491 | 13.04660139 | 7.41E-12 | 9.16E-10 | 17.28010711 | VWF |
| RNASE1 | 1.788327458 | 9.264965941 | 12.98570421 | 8.12E-12 | 9.93E-10 | 17.187874 | RNASE1 |
| NRP2 | 1.986863831 | 7.419413964 | 12.97273723 | 8.28E-12 | 1.01E-09 | 17.16818823 | NRP2 |
| FZD7 | 3.336278425 | 6.833270052 | 12.96134891 | 8.43E-12 | 1.02E-09 | 17.15088564 | FZD7 |
| NXN | -1.15267481 | 9.332924937 | -12.9413065 | 8.69E-12 | 1.04E-09 | 17.12040399 | NXN |
| FCHSD2 | 1.191510556 | 7.427244956 | 12.93449717 | 8.78E-12 | 1.05E-09 | 17.1100391 | FCHSD2 |
| ABCA9 | 2.089555112 | 6.086902762 | 12.91173429 | 9.09E-12 | 1.08E-09 | 17.0753575 | ABCA9 |
| FHL2 | 2.322230222 | 9.810612017 | 12.90258508 | 9.21E-12 | 1.09E-09 | 17.06140348 | FHL2 |
| CSDC2 | 1.376527143 | 7.153133249 | 12.88239631 | 9.50E-12 | 1.11E-09 | 17.03058343 | CSDC2 |
| GNG12 | 1.021908231 | 9.089241862 | 12.8805979 | 9.53E-12 | 1.11E-09 | 17.02783604 | GNG12 |
| ALDH3B2 | -1.11877855 | 4.774338373 | -12.8382612 | 1.02E-11 | 1.18E-09 | 16.96306796 | ALDH3B2 |
| FGF7 | 2.767369188 | 6.243894514 | 12.78300397 | 1.11E-11 | 1.28E-09 | 16.87826858 | FGF7 |
| LOC100506098 | -1.06681449 | 5.450342684 | -12.7498205 | 1.16E-11 | 1.34E-09 | 16.82719941 | LOC100506098 |
| TMC4 | -1.8801986 | 6.809989443 | -12.7414284 | 1.18E-11 | 1.35E-09 | 16.81426672 | TMC4 |
| PAPSS2 | 1.972987296 | 9.544491573 | 12.68251161 | 1.29E-11 | 1.47E-09 | 16.7232759 | PAPSS2 |
| FMO2 | 2.446167963 | 6.449768483 | 12.65332469 | 1.35E-11 | 1.53E-09 | 16.67807173 | FMO2 |
| EPCAM | -4.60497791 | 8.241381586 | -12.5912784 | 1.49E-11 | 1.67E-09 | 16.58169235 | EPCAM |
| COLEC11 | 2.567975417 | 7.805265657 | 12.57067624 | 1.53E-11 | 1.72E-09 | 16.54960458 | COLEC11 |
| TMEM30B | -2.17879782 | 6.4505368 | -12.5645876 | 1.55E-11 | 1.73E-09 | 16.54011332 | TMEM30B |
| FZD4 | 1.121943546 | 7.409153025 | 12.55214093 | 1.58E-11 | 1.75E-09 | 16.52069939 | FZD4 |
| FAM46A | 1.775885556 | 8.501738295 | 12.53849548 | 1.61E-11 | 1.78E-09 | 16.49939764 | FAM46A |
| GPM6B | -2.51476194 | 7.013286088 | -12.5349089 | 1.62E-11 | 1.78E-09 | 16.49379548 | GPM6B |
| HSPA12A | 1.050473583 | 7.284500005 | 12.50042108 | 1.71E-11 | 1.86E-09 | 16.43986059 | HSPA12A |
| LOC102724156 | -1.52038865 | 5.74689232 | -12.4788641 | 1.77E-11 | 1.91E-09 | 16.40608677 | LOC102724156 |
| CCDC3 | 2.187290108 | 8.178975748 | 12.4713535 | 1.79E-11 | 1.93E-09 | 16.39430866 | CCDC3 |
| JAK3 | 1.780770841 | 6.853309551 | 12.46775631 | 1.80E-11 | 1.93E-09 | 16.38866553 | JAK3 |
| CDK1 | -2.79829932 | 7.091306051 | -12.4632876 | 1.81E-11 | 1.93E-09 | 16.38165342 | CDK1 |
| CTAGE5 | -1.07855499 | 6.144546301 | -12.4600617 | 1.82E-11 | 1.93E-09 | 16.37659007 | CTAGE5 |
| AEBP1 | 2.718756395 | 10.00697889 | 12.45248569 | 1.84E-11 | 1.95E-09 | 16.3646949 | AEBP1 |
| STRBP | -1.13312689 | 6.63243727 | -12.4308588 | 1.91E-11 | 2.00E-09 | 16.33070604 | STRBP |
| MAN1C1 | 1.615789704 | 7.260486673 | 12.42583179 | 1.92E-11 | 2.01E-09 | 16.32279879 | MAN1C1 |
| SERINC2 | -1.82585832 | 6.938929627 | -12.374554 | 2.08E-11 | 2.16E-09 | 16.24199334 | SERINC2 |
| PRKAR2B | 2.756820734 | 7.984060432 | 12.36773756 | 2.10E-11 | 2.16E-09 | 16.23123156 | PRKAR2B |
| TMEM176B | 2.817971629 | 8.035831367 | 12.36389892 | 2.12E-11 | 2.16E-09 | 16.22516898 | TMEM176B |
| HMGB3 | -1.71573901 | 7.827518028 | -12.3615264 | 2.13E-11 | 2.16E-09 | 16.2214211 | HMGB3 |
| ERBB3 | -2.9502259 | 6.477730899 | -12.3604486 | 2.13E-11 | 2.16E-09 | 16.21971841 | ERBB3 |
| C10orf54 | 1.442454681 | 6.926373189 | 12.33885423 | 2.20E-11 | 2.22E-09 | 16.18557736 | C10orf54 |
| GAS1 | 2.966111926 | 9.198223717 | 12.2380943 | 2.58E-11 | 2.59E-09 | 16.02563877 | GAS1 |
| ABCA6 | 2.756115887 | 5.47396331 | 12.22402384 | 2.64E-11 | 2.63E-09 | 16.00322076 | ABCA6 |
| OVOL2 | -1.54043601 | 6.132994121 | -12.219881 | 2.66E-11 | 2.64E-09 | 15.99661613 | OVOL2 |
| PROS1 | 2.899254277 | 8.20243903 | 12.17419749 | 2.86E-11 | 2.83E-09 | 15.92366849 | PROS1 |
| CNDP2 | -1.62382997 | 9.39077779 | -12.154485 | 2.95E-11 | 2.90E-09 | 15.89212427 | CNDP2 |
| EXPH5 | -1.47903269 | 6.24026151 | -12.1505729 | 2.97E-11 | 2.91E-09 | 15.88585912 | EXPH5 |
| FAM129A | 2.186029135 | 7.218752962 | 12.14500853 | 2.99E-11 | 2.92E-09 | 15.87694537 | FAM129A |
| ANGPT1 | 1.720873197 | 6.19501613 | 12.10713942 | 3.18E-11 | 3.07E-09 | 15.8161949 | ANGPT1 |
| IP6K2 | -1.21186187 | 8.220802803 | -12.105717 | 3.19E-11 | 3.07E-09 | 15.81391012 | IP6K2 |
| TXN | -1.4841019 | 10.2832558 | -12.1057073 | 3.19E-11 | 3.07E-09 | 15.81389446 | TXN |
| MYH11 | 3.708376486 | 8.74784932 | 12.08781316 | 3.28E-11 | 3.14E-09 | 15.78513327 | MYH11 |
| ENOX1 | 1.52583436 | 6.241738652 | 12.07251685 | 3.36E-11 | 3.21E-09 | 15.76052083 | ENOX1 |
| PALM2-AKAP2 | 1.721741697 | 8.575471978 | 12.06448006 | 3.40E-11 | 3.23E-09 | 15.74757939 | PALM2-AKAP2 |
| TMEM245 | 1.051579898 | 8.78217911 | 12.05079024 | 3.48E-11 | 3.28E-09 | 15.72551936 | TMEM245 |
| MAL2 | -3.41424221 | 6.542335926 | -12.0496103 | 3.49E-11 | 3.28E-09 | 15.72361698 | MAL2 |
| TACC1 | 1.065831241 | 9.66477966 | 12.02782036 | 3.61E-11 | 3.38E-09 | 15.68846081 | TACC1 |
| LGALS8 | 1.097447119 | 7.634455057 | 12.00274282 | 3.76E-11 | 3.51E-09 | 15.64793813 | LGALS8 |
| SHANK2 | -2.27348193 | 5.21031018 | -11.9998132 | 3.78E-11 | 3.51E-09 | 15.64319988 | SHANK2 |
| PAMR1 | -2.96828249 | 9.3996507 | -11.9946269 | 3.81E-11 | 3.52E-09 | 15.63480933 | PAMR1 |
| UCA1 | -3.54599734 | 7.511561029 | -11.98977 | 3.84E-11 | 3.53E-09 | 15.6269492 | UCA1 |
| TSPAN5 | 1.279944762 | 8.299360125 | 11.98789709 | 3.85E-11 | 3.53E-09 | 15.62391758 | TSPAN5 |
| WDR72 | -2.21139938 | 5.322240745 | -11.9830658 | 3.88E-11 | 3.54E-09 | 15.61609539 | WDR72 |
| HOXD8 | 1.371205682 | 6.955687376 | 11.97395147 | 3.94E-11 | 3.57E-09 | 15.60133211 | HOXD8 |
| DPYD | 1.963773925 | 7.476922561 | 11.97385208 | 3.94E-11 | 3.57E-09 | 15.60117107 | DPYD |
| SDPR | 2.248288772 | 6.8502635 | 11.96405676 | 4.00E-11 | 3.61E-09 | 15.58529471 | SDPR |
| STAR | 4.716876926 | 7.765767901 | 11.9156817 | 4.32E-11 | 3.89E-09 | 15.50673807 | STAR |
| KLF2 | 2.681672902 | 8.788399992 | 11.89634741 | 4.46E-11 | 3.98E-09 | 15.4752711 | KLF2 |
| MOGAT1 | -1.6337674 | 6.455881908 | -11.8902361 | 4.50E-11 | 4.00E-09 | 15.46531653 | MOGAT1 |
| LIMS4 | -1.14474295 | 9.999553921 | -11.879576 | 4.58E-11 | 4.05E-09 | 15.44794281 | LIMS4 |
| SGK223 | 1.445503471 | 7.472637206 | 11.87084126 | 4.65E-11 | 4.09E-09 | 15.4336981 | SGK223 |
| LOC101928269 | 1.783887599 | 7.93052199 | 11.86013908 | 4.73E-11 | 4.15E-09 | 15.41623362 | LOC101928269 |
| CDH3 | 2.775338929 | 8.103163579 | 11.85136793 | 4.80E-11 | 4.19E-09 | 15.40191115 | CDH3 |
| HTRA1 | 1.811313932 | 9.748561813 | 11.84062304 | 4.88E-11 | 4.25E-09 | 15.38435447 | HTRA1 |
| FRZB | 2.447304611 | 6.988690501 | 11.83525975 | 4.92E-11 | 4.27E-09 | 15.37558645 | FRZB |
| TSC22D3 | 1.573254121 | 8.869545254 | 11.83051744 | 4.96E-11 | 4.28E-09 | 15.36783104 | TSC22D3 |
| CMYA5 | 1.313603379 | 7.194950587 | 11.81573095 | 5.08E-11 | 4.37E-09 | 15.3436342 | CMYA5 |
| TFCP2L1 | -1.19190835 | 6.272610884 | -11.8114487 | 5.12E-11 | 4.38E-09 | 15.33662225 | TFCP2L1 |
| OPTN | 1.994960342 | 7.687384812 | 11.80902398 | 5.14E-11 | 4.38E-09 | 15.33265102 | OPTN |
| CSGALNACT1 | 2.565669058 | 6.53423787 | 11.79392979 | 5.27E-11 | 4.47E-09 | 15.30791541 | CSGALNACT1 |
| RASSF9 | 1.404279781 | 5.657239834 | 11.77611396 | 5.42E-11 | 4.57E-09 | 15.27868806 | RASSF9 |
| TMEM176A | 1.756362248 | 7.962152326 | 11.77249351 | 5.45E-11 | 4.57E-09 | 15.27274443 | TMEM176A |
| RPL23AP32 | 1.223131203 | 7.763809709 | 11.77197707 | 5.46E-11 | 4.57E-09 | 15.27189647 | RPL23AP32 |
| DOCK4 | 1.557607781 | 7.520528381 | 11.76514615 | 5.52E-11 | 4.60E-09 | 15.26067801 | DOCK4 |
| CLDN7 | -1.37312035 | 6.907430799 | -11.7443932 | 5.71E-11 | 4.74E-09 | 15.22656429 | CLDN7 |
| CACNA1D | -2.85175131 | 6.553559625 | -11.7400435 | 5.75E-11 | 4.75E-09 | 15.21940828 | CACNA1D |
| SHROOM3 | -2.09951654 | 7.274091878 | -11.7305704 | 5.84E-11 | 4.81E-09 | 15.20381645 | SHROOM3 |
| PCOLCE | -1.51131582 | 9.946187559 | -11.7100983 | 6.04E-11 | 4.96E-09 | 15.17008785 | PCOLCE |
| MCCC2 | -1.33417972 | 8.04136862 | -11.688937 | 6.25E-11 | 5.11E-09 | 15.13517586 | MCCC2 |
| RAB29 | 1.392343267 | 7.254566037 | 11.68632864 | 6.28E-11 | 5.11E-09 | 15.13086926 | RAB29 |
| ADAMTS9 | -2.09373511 | 8.676751964 | -11.6842511 | 6.30E-11 | 5.11E-09 | 15.12743856 | ADAMTS9 |
| ARHGEF28 | 1.288220646 | 7.223844907 | 11.67589109 | 6.38E-11 | 5.16E-09 | 15.11362843 | ARHGEF28 |
| MMP26 | -4.51909556 | 7.607533495 | -11.6485697 | 6.68E-11 | 5.38E-09 | 15.06844235 | MMP26 |
| AOC3 | 2.0985463 | 7.338739737 | 11.61206474 | 7.09E-11 | 5.67E-09 | 15.00794052 | AOC3 |
| LY75-CD302 | 1.84560968 | 8.331127706 | 11.58290401 | 7.44E-11 | 5.93E-09 | 14.95950565 | LY75-CD302 |
| MN1 | 1.894865873 | 6.912133055 | 11.52579524 | 8.17E-11 | 6.44E-09 | 14.86437893 | MN1 |
| SLC48A1 | 1.02776605 | 7.591275353 | 11.52398068 | 8.20E-11 | 6.44E-09 | 14.8613505 | SLC48A1 |
| UBE2QL1 | 1.47517405 | 6.273393122 | 11.5182156 | 8.28E-11 | 6.48E-09 | 14.85172638 | UBE2QL1 |
| ZNF275 | 1.429911828 | 9.020000521 | 11.49905442 | 8.54E-11 | 6.66E-09 | 14.81971262 | ZNF275 |
| ECM1 | -2.89152364 | 8.79405567 | -11.4958443 | 8.59E-11 | 6.67E-09 | 14.81434533 | ECM1 |
| GRK5 | 1.717144691 | 8.126312785 | 11.47523382 | 8.89E-11 | 6.88E-09 | 14.77985737 | GRK5 |
| CD248 | -1.17531485 | 8.377883726 | -11.4563254 | 9.17E-11 | 7.08E-09 | 14.74817599 | CD248 |
| HS3ST1 | 2.876731654 | 7.991214121 | 11.44504144 | 9.35E-11 | 7.17E-09 | 14.72925066 | HS3ST1 |
| SNX29P1 | 1.276913122 | 4.677843178 | 11.44414121 | 9.36E-11 | 7.17E-09 | 14.72774019 | SNX29P1 |
| SLC22A5 | -1.36521961 | 6.690814845 | -11.4386899 | 9.45E-11 | 7.19E-09 | 14.7185917 | SLC22A5 |
| TMEM139 | -1.49425676 | 5.716168661 | -11.4349146 | 9.51E-11 | 7.20E-09 | 14.71225399 | TMEM139 |
| FYCO1 | 1.145884553 | 7.997882851 | 11.42381033 | 9.68E-11 | 7.29E-09 | 14.69360356 | FYCO1 |
| MYO5B | -1.61967413 | 6.457119417 | -11.4232499 | 9.69E-11 | 7.29E-09 | 14.69266199 | MYO5B |
| KLHL13 | -1.21691037 | 7.217063789 | -11.4195248 | 9.75E-11 | 7.31E-09 | 14.68640206 | KLHL13 |
| ECI1 | -1.81071225 | 8.351806497 | -11.4147087 | 9.83E-11 | 7.33E-09 | 14.67830645 | ECI1 |
| GCNT2 | -1.91476417 | 6.80660995 | -11.3942545 | 1.02E-10 | 7.55E-09 | 14.64389545 | GCNT2 |
| PROK1 | 2.908335078 | 7.742970348 | 11.38419654 | 1.03E-10 | 7.65E-09 | 14.6269574 | PROK1 |
| NR1H4 | 1.872801455 | 5.506550945 | 11.37212545 | 1.06E-10 | 7.78E-09 | 14.60661414 | NR1H4 |
| TPD52 | -2.11946038 | 7.421261553 | -11.362683 | 1.07E-10 | 7.88E-09 | 14.59068958 | TPD52 |
| PDGFRL | 1.72126773 | 7.995807316 | 11.35402674 | 1.09E-10 | 7.94E-09 | 14.57608203 | PDGFRL |
| NOD1 | 1.03424531 | 7.612076995 | 11.33502471 | 1.12E-10 | 8.17E-09 | 14.54398647 | NOD1 |
| PTCH1 | -3.07529757 | 9.230172835 | -11.329534 | 1.13E-10 | 8.22E-09 | 14.53470472 | PTCH1 |
| MMRN2 | 1.200520164 | 6.815886364 | 11.32713876 | 1.14E-10 | 8.22E-09 | 14.53065473 | MMRN2 |
| GIMAP8 | 2.090823175 | 6.333187808 | 11.30523346 | 1.18E-10 | 8.50E-09 | 14.49358559 | GIMAP8 |
| TIMP1 | 2.337165118 | 11.38105001 | 11.28297748 | 1.23E-10 | 8.80E-09 | 14.45586766 | TIMP1 |
| RFPL1S | 1.126563113 | 4.82578171 | 11.26696542 | 1.26E-10 | 9.01E-09 | 14.42869693 | RFPL1S |
| POC1B | -1.57012771 | 7.40751532 | -11.2617815 | 1.27E-10 | 9.06E-09 | 14.41989421 | POC1B |
| ITM2A | 2.460269745 | 8.3741391 | 11.25903723 | 1.28E-10 | 9.07E-09 | 14.41523292 | ITM2A |
| TCEAL3 | 1.135664539 | 9.367593806 | 11.23681855 | 1.32E-10 | 9.34E-09 | 14.37746228 | TCEAL3 |
| NEXN | 2.772850652 | 7.198634809 | 11.23593171 | 1.33E-10 | 9.34E-09 | 14.37595353 | NEXN |
| PCNX1 | 1.229069227 | 7.335681831 | 11.22546499 | 1.35E-10 | 9.45E-09 | 14.3581402 | PCNX1 |
| ST3GAL4 | 1.107796332 | 7.01476619 | 11.22385059 | 1.35E-10 | 9.45E-09 | 14.35539154 | ST3GAL4 |
| ST6GALNAC5 | 2.387475913 | 5.475498307 | 11.22324929 | 1.36E-10 | 9.45E-09 | 14.3543677 | ST6GALNAC5 |
| REV3L | -1.76693395 | 9.001306731 | -11.1927925 | 1.43E-10 | 9.81E-09 | 14.3024549 | REV3L |
| TRABD2A | 1.820275669 | 6.881281558 | 11.19236214 | 1.43E-10 | 9.81E-09 | 14.30172053 | TRABD2A |
| CDK2AP1 | -1.06611642 | 10.45187569 | -11.1905108 | 1.43E-10 | 9.81E-09 | 14.2985614 | CDK2AP1 |
| BOC | 1.955843694 | 8.309412223 | 11.18938691 | 1.43E-10 | 9.81E-09 | 14.29664353 | BOC |
| HOMER2 | -1.64184106 | 5.98173428 | -11.1476593 | 1.54E-10 | 1.05E-08 | 14.22533227 | HOMER2 |
| RCAN3 | -1.56522508 | 6.493052274 | -11.1476452 | 1.54E-10 | 1.05E-08 | 14.22530812 | RCAN3 |
| UBXN8 | 1.969574609 | 7.497726822 | 11.14251152 | 1.55E-10 | 1.05E-08 | 14.21652112 | UBXN8 |
| MAP3K1 | -1.23294967 | 8.427865148 | -11.1357673 | 1.57E-10 | 1.06E-08 | 14.20497286 | MAP3K1 |
| ID1 | -2.32921216 | 10.16885574 | -11.131551 | 1.58E-10 | 1.06E-08 | 14.1977505 | ID1 |
| COL8A1 | 4.329881143 | 6.94507272 | 11.1266077 | 1.60E-10 | 1.07E-08 | 14.18928032 | COL8A1 |
| PPP1R3C | 1.607933154 | 6.445271317 | 11.12617123 | 1.60E-10 | 1.07E-08 | 14.18853231 | PPP1R3C |
| ACTG2 | 3.548158459 | 8.059583178 | 11.11450085 | 1.63E-10 | 1.08E-08 | 14.16852376 | ACTG2 |
| ANGPTL1 | 2.701548767 | 5.968782524 | 11.10691412 | 1.65E-10 | 1.09E-08 | 14.15550815 | ANGPTL1 |
| SIPA1L2 | 1.486468801 | 8.480734097 | 11.10532815 | 1.65E-10 | 1.09E-08 | 14.15278646 | SIPA1L2 |
| AOX1 | 3.319804088 | 7.046255052 | 11.10378097 | 1.66E-10 | 1.09E-08 | 14.15013108 | AOX1 |
| SNX18 | 1.164343535 | 9.173452339 | 11.08907407 | 1.70E-10 | 1.12E-08 | 14.12487622 | SNX18 |
| PCED1B | 1.259878623 | 6.682170938 | 11.08211749 | 1.72E-10 | 1.13E-08 | 14.11292165 | PCED1B |
| MSANTD3-TMEFF1 | -1.9693012 | 6.967391044 | -11.0812989 | 1.72E-10 | 1.13E-08 | 14.11151457 | MSANTD3-TMEFF1 |
| MSC-AS1 | 1.924908939 | 5.586720391 | 11.0624025 | 1.78E-10 | 1.16E-08 | 14.07901215 | MSC-AS1 |
| HOXA10-HOXA9 | -3.01647867 | 7.006830574 | -11.0309975 | 1.88E-10 | 1.22E-08 | 14.02490372 | HOXA10-HOXA9 |
| TNFSF13B | 2.380366374 | 6.890803626 | 11.01178522 | 1.94E-10 | 1.26E-08 | 13.99174631 | TNFSF13B |
| CMTM6 | -1.35033655 | 9.755474268 | -11.0100238 | 1.95E-10 | 1.26E-08 | 13.98870427 | CMTM6 |
| PGM1 | 1.040616652 | 9.310116382 | 11.00561601 | 1.96E-10 | 1.26E-08 | 13.98109019 | PGM1 |
| HOXB8 | -1.27122919 | 4.738723207 | -11.0003026 | 1.98E-10 | 1.27E-08 | 13.97190878 | HOXB8 |
| SPTBN1 | 1.20030058 | 10.42156053 | 10.98799717 | 2.02E-10 | 1.29E-08 | 13.95063281 | SPTBN1 |
| SCNN1A | -2.65046619 | 7.09545024 | -10.9771347 | 2.06E-10 | 1.31E-08 | 13.93183725 | SCNN1A |
| CYBRD1 | 2.149894216 | 9.340663827 | 10.96979237 | 2.08E-10 | 1.32E-08 | 13.91912479 | CYBRD1 |
| FREM2 | -2.4052183 | 5.265312868 | -10.9691689 | 2.09E-10 | 1.32E-08 | 13.91804501 | FREM2 |
| C9orf152 | -2.32589207 | 5.35644922 | -10.9689616 | 2.09E-10 | 1.32E-08 | 13.91768604 | C9orf152 |
| ST3GAL4-AS1 | 1.058862216 | 6.74905411 | 10.96786297 | 2.09E-10 | 1.32E-08 | 13.91578322 | ST3GAL4-AS1 |
| GATA2 | -1.76599036 | 7.699178804 | -10.9562709 | 2.13E-10 | 1.34E-08 | 13.89569767 | GATA2 |
| IDH2 | -1.17309892 | 7.893486743 | -10.9438072 | 2.18E-10 | 1.37E-08 | 13.87408437 | IDH2 |
| SOX17 | -3.58703993 | 8.44510805 | -10.9398597 | 2.19E-10 | 1.37E-08 | 13.86723517 | SOX17 |
| CXADR | -2.5482286 | 7.642323411 | -10.8748684 | 2.45E-10 | 1.53E-08 | 13.75421126 | CXADR |
| SDK1 | -1.92789261 | 6.788754503 | -10.8658924 | 2.49E-10 | 1.54E-08 | 13.73856269 | SDK1 |
| ACSS3 | 1.476137786 | 7.481211711 | 10.86467816 | 2.50E-10 | 1.54E-08 | 13.73644514 | ACSS3 |
| LOC101929219 | -4.81095303 | 8.739915406 | -10.859552 | 2.52E-10 | 1.55E-08 | 13.72750342 | LOC101929219 |
| ENPP6 | 2.385922983 | 4.638475069 | 10.8471474 | 2.57E-10 | 1.58E-08 | 13.70585282 | ENPP6 |
| PLPP1 | -1.74737317 | 9.513929532 | -10.8450994 | 2.58E-10 | 1.58E-08 | 13.70227662 | PLPP1 |
| CLIP4 | 2.275906652 | 7.747810278 | 10.8447118 | 2.59E-10 | 1.58E-08 | 13.70159969 | CLIP4 |
| CHST15 | 1.469862211 | 8.291772721 | 10.83245523 | 2.64E-10 | 1.60E-08 | 13.68018632 | CHST15 |
| C16orf46 | -1.27728351 | 5.945873886 | -10.8311287 | 2.65E-10 | 1.60E-08 | 13.67786762 | C16orf46 |
| IL4R | 1.33602486 | 7.065870274 | 10.82559583 | 2.67E-10 | 1.61E-08 | 13.66819462 | IL4R |
| PRSS35 | 2.525523592 | 5.908970278 | 10.81393099 | 2.73E-10 | 1.64E-08 | 13.64778932 | PRSS35 |
| SLC23A2 | 1.151346613 | 7.633738699 | 10.8109896 | 2.74E-10 | 1.65E-08 | 13.64264143 | SLC23A2 |
| F8 | 1.540065 | 6.690049863 | 10.79812631 | 2.80E-10 | 1.67E-08 | 13.62011671 | F8 |
| FAM19A2 | 2.22827759 | 5.779382531 | 10.79675473 | 2.81E-10 | 1.67E-08 | 13.61771382 | FAM19A2 |
| CCDC181 | 1.365466037 | 5.67472421 | 10.78953866 | 2.84E-10 | 1.68E-08 | 13.60506821 | CCDC181 |
| PCGF5 | 1.134203783 | 7.918705172 | 10.78927559 | 2.85E-10 | 1.68E-08 | 13.60460708 | PCGF5 |
| MINOS1-NBL1 | 1.929692981 | 9.788384207 | 10.78452273 | 2.87E-10 | 1.69E-08 | 13.59627455 | MINOS1-NBL1 |
| CTSL | 1.2648154 | 8.999855781 | 10.76990648 | 2.94E-10 | 1.73E-08 | 13.57063329 | CTSL |
| PON3 | 1.72574458 | 6.334470952 | 10.75733264 | 3.01E-10 | 1.76E-08 | 13.54855488 | PON3 |
| HAND2-AS1 | -1.74899258 | 7.297388423 | -10.7554982 | 3.02E-10 | 1.76E-08 | 13.54533217 | HAND2-AS1 |
| PLCH1 | -1.5684052 | 5.319019934 | -10.7537266 | 3.03E-10 | 1.76E-08 | 13.54221956 | PLCH1 |
| WBP1L | 1.153382304 | 8.615665409 | 10.75209746 | 3.04E-10 | 1.76E-08 | 13.53935694 | WBP1L |
| PIP5K1B | -2.90542277 | 6.639130113 | -10.7405872 | 3.10E-10 | 1.79E-08 | 13.51912257 | PIP5K1B |
| QSOX1 | 1.129763372 | 7.81556921 | 10.7301131 | 3.15E-10 | 1.82E-08 | 13.50069621 | QSOX1 |
| AKAP12 | 2.064510443 | 9.050354868 | 10.72403838 | 3.19E-10 | 1.83E-08 | 13.49000342 | AKAP12 |
| ESYT2 | 1.21547341 | 8.573621066 | 10.71834376 | 3.22E-10 | 1.84E-08 | 13.47997572 | ESYT2 |
| MYO1D | 1.380537774 | 6.094644306 | 10.71785119 | 3.22E-10 | 1.84E-08 | 13.47910818 | MYO1D |
| LRP1 | 1.302073644 | 8.124776857 | 10.7075644 | 3.28E-10 | 1.87E-08 | 13.46098377 | LRP1 |
| LPAR4 | 1.355264043 | 4.975940428 | 10.66124893 | 3.56E-10 | 2.01E-08 | 13.37922474 | LPAR4 |
| ROBO3 | 1.34045597 | 6.761294443 | 10.65937658 | 3.57E-10 | 2.02E-08 | 13.3759142 | ROBO3 |
| RAMP1 | -1.3417234 | 8.017492621 | -10.6502463 | 3.63E-10 | 2.04E-08 | 13.35976478 | RAMP1 |
| ST6GALNAC1 | -2.20324348 | 6.811579726 | -10.6444532 | 3.66E-10 | 2.06E-08 | 13.34951289 | ST6GALNAC1 |
| TENM4 | 1.504127981 | 7.111734529 | 10.63173786 | 3.75E-10 | 2.10E-08 | 13.32699707 | TENM4 |
| AKR1C1 | 1.193253199 | 7.694323906 | 10.62537329 | 3.79E-10 | 2.12E-08 | 13.31571969 | AKR1C1 |
| AGR2 | -3.80464337 | 7.419673437 | -10.6184335 | 3.83E-10 | 2.14E-08 | 13.3034175 | AGR2 |
| TJP3 | -1.09119883 | 6.253688289 | -10.6176579 | 3.84E-10 | 2.14E-08 | 13.30204226 | TJP3 |
| AQP11 | 1.841391414 | 6.44221544 | 10.58451763 | 4.07E-10 | 2.26E-08 | 13.24321253 | AQP11 |
| NGF | 1.297480318 | 6.415890838 | 10.56862053 | 4.18E-10 | 2.32E-08 | 13.21494583 | NGF |
| TMEM47 | 1.957275016 | 8.233703967 | 10.56710332 | 4.20E-10 | 2.32E-08 | 13.21224648 | TMEM47 |
| CD47 | 1.431617376 | 8.530548258 | 10.56439956 | 4.22E-10 | 2.32E-08 | 13.20743541 | CD47 |
| FRY | 1.975939067 | 7.223500282 | 10.55900576 | 4.26E-10 | 2.33E-08 | 13.1978351 | FRY |
| ACSL5 | -2.09736275 | 8.116550443 | -10.5491103 | 4.33E-10 | 2.37E-08 | 13.18021333 | ACSL5 |
| LINC00261 | -1.16579591 | 6.307168351 | -10.5412697 | 4.39E-10 | 2.39E-08 | 13.16624234 | LINC00261 |
| ARSJ | -1.2242484 | 5.555085172 | -10.5348155 | 4.44E-10 | 2.41E-08 | 13.1547363 | ARSJ |
| CAB39L | 1.301045315 | 6.470147743 | 10.53250758 | 4.46E-10 | 2.42E-08 | 13.1506208 | CAB39L |
| HOXB3 | -3.18186892 | 7.31536859 | -10.5286344 | 4.49E-10 | 2.42E-08 | 13.1437125 | HOXB3 |
| RNASET2 | -1.89239705 | 10.13332061 | -10.5208763 | 4.55E-10 | 2.45E-08 | 13.12986965 | RNASET2 |
| MSX2 | -3.98197869 | 5.919369248 | -10.5169363 | 4.58E-10 | 2.46E-08 | 13.12283678 | MSX2 |
| MIR10A | -1.38581786 | 6.513822154 | -10.5064188 | 4.67E-10 | 2.50E-08 | 13.10405376 | MIR10A |
| IRF2BPL | 1.247618328 | 9.677789652 | 10.50154699 | 4.71E-10 | 2.51E-08 | 13.09534868 | IRF2BPL |
| HPN | -1.29272836 | 6.048402187 | -10.4982291 | 4.74E-10 | 2.52E-08 | 13.0894187 | HPN |
| FOXP1 | 1.718367589 | 9.642863977 | 10.49332967 | 4.78E-10 | 2.54E-08 | 13.08065945 | FOXP1 |
| ZC3H12C | 1.089375066 | 6.682928501 | 10.49079566 | 4.80E-10 | 2.54E-08 | 13.07612802 | ZC3H12C |
| DPP6 | -2.26776488 | 6.670954579 | -10.4741083 | 4.94E-10 | 2.61E-08 | 13.0462677 | DPP6 |
| AFAP1-AS1 | 1.171540155 | 6.12571553 | 10.46965438 | 4.98E-10 | 2.62E-08 | 13.03829214 | AFAP1-AS1 |
| ECM2 | 2.384557633 | 8.058923857 | 10.46773949 | 5.00E-10 | 2.62E-08 | 13.03486246 | ECM2 |
| FGFR1 | 1.073523676 | 8.70747114 | 10.46764934 | 5.00E-10 | 2.62E-08 | 13.03470097 | FGFR1 |
| RORB | -3.12810465 | 7.499962883 | -10.4628645 | 5.04E-10 | 2.64E-08 | 13.026129 | RORB |
| ENG | 1.223228435 | 8.706621875 | 10.4610304 | 5.06E-10 | 2.64E-08 | 13.0228426 | ENG |
| HAPLN4 | -1.10868571 | 6.037864751 | -10.4562679 | 5.10E-10 | 2.65E-08 | 13.01430699 | HAPLN4 |
| CD24 | -4.6916212 | 9.926473913 | -10.455192 | 5.11E-10 | 2.65E-08 | 13.01237816 | CD24 |
| DSP | -2.01758038 | 8.251873726 | -10.4501635 | 5.16E-10 | 2.67E-08 | 13.0033622 | DSP |
| MYLK | 2.125367821 | 10.377785 | 10.44777477 | 5.18E-10 | 2.68E-08 | 12.99907814 | MYLK |
| FBLN7 | -1.09090056 | 6.280366736 | -10.4125293 | 5.51E-10 | 2.84E-08 | 12.93578744 | FBLN7 |
| MPDZ | 1.340296687 | 8.294824858 | 10.39892463 | 5.65E-10 | 2.88E-08 | 12.9113171 | MPDZ |
| FABP4 | 2.923897847 | 6.284497029 | 10.39640225 | 5.67E-10 | 2.88E-08 | 12.9067777 | FABP4 |
| ELMO1 | 1.020101854 | 5.544927358 | 10.3835442 | 5.81E-10 | 2.94E-08 | 12.88362576 | ELMO1 |
| PLSCR1 | 1.449529699 | 8.871809846 | 10.3755267 | 5.89E-10 | 2.97E-08 | 12.86917948 | PLSCR1 |
| LOC100507547 | 1.314679183 | 6.648861499 | 10.37498983 | 5.89E-10 | 2.97E-08 | 12.86821183 | LOC100507547 |
| EPHX1 | 1.064133238 | 9.355777686 | 10.36141919 | 6.04E-10 | 3.04E-08 | 12.84374097 | EPHX1 |
| LYVE1 | 1.939877693 | 6.70099634 | 10.32388497 | 6.46E-10 | 3.24E-08 | 12.77594178 | LYVE1 |
| PDLIM1 | -1.60656242 | 10.02106034 | -10.3163524 | 6.55E-10 | 3.27E-08 | 12.76231477 | PDLIM1 |
| SLC4A3 | 1.136089577 | 6.743092909 | 10.30641994 | 6.66E-10 | 3.32E-08 | 12.74433565 | SLC4A3 |
| PRR15 | -2.5896086 | 7.041007014 | -10.3063298 | 6.66E-10 | 3.32E-08 | 12.74417248 | PRR15 |
| MRC1 | 2.212474964 | 7.192730544 | 10.30518311 | 6.68E-10 | 3.32E-08 | 12.74209596 | MRC1 |
| IDS | 1.161867054 | 8.207399138 | 10.27896354 | 7.00E-10 | 3.47E-08 | 12.69457304 | IDS |
| RNASE4 | 2.751677014 | 7.732236978 | 10.27575582 | 7.04E-10 | 3.48E-08 | 12.68875328 | RNASE4 |
| CDCP1 | -1.02090713 | 6.273015257 | -10.2748827 | 7.05E-10 | 3.48E-08 | 12.68716897 | CDCP1 |
| SHISA6 | -2.6377277 | 5.601050739 | -10.2706707 | 7.10E-10 | 3.50E-08 | 12.6795247 | SHISA6 |
| HOXA11-AS | -1.92527995 | 5.70297014 | -10.2253261 | 7.71E-10 | 3.78E-08 | 12.59709313 | HOXA11-AS |
| CNOT11 | -1.00591346 | 7.864996782 | -10.2238032 | 7.73E-10 | 3.78E-08 | 12.59432019 | CNOT11 |
| C2orf88 | -3.29651276 | 7.147396684 | -10.2149833 | 7.85E-10 | 3.82E-08 | 12.57825569 | C2orf88 |
| DAPK1 | 1.876856611 | 8.375898945 | 10.2148661 | 7.85E-10 | 3.82E-08 | 12.57804215 | DAPK1 |
| TNXB | 1.808363068 | 9.359274057 | 10.20505 | 7.99E-10 | 3.88E-08 | 12.56015169 | TNXB |
| TSPAN1 | -1.86053908 | 7.189774412 | -10.186693 | 8.26E-10 | 3.98E-08 | 12.52666303 | TSPAN1 |
| C14orf132 | -1.09302511 | 8.148612265 | -10.1834225 | 8.31E-10 | 3.99E-08 | 12.52069232 | C14orf132 |
| APOA1 | 1.330585538 | 6.139330078 | 10.17865366 | 8.38E-10 | 4.02E-08 | 12.51198391 | APOA1 |
| NEK7 | 1.379976432 | 8.297856463 | 10.17143991 | 8.49E-10 | 4.05E-08 | 12.4988054 | NEK7 |
| ADGRF5 | 1.091771867 | 7.316607364 | 10.17080536 | 8.50E-10 | 4.05E-08 | 12.49764585 | ADGRF5 |
| SP100 | 1.029866759 | 8.175470019 | 10.16899464 | 8.53E-10 | 4.05E-08 | 12.49433677 | SP100 |
| WISP1 | 3.156886592 | 7.401295895 | 10.16626563 | 8.57E-10 | 4.06E-08 | 12.48934876 | WISP1 |
| TPD52L1 | -1.72447115 | 8.671091595 | -10.1474887 | 8.87E-10 | 4.18E-08 | 12.45500383 | TPD52L1 |
| TAGLN | 2.815676431 | 10.86858756 | 10.14689744 | 8.88E-10 | 4.18E-08 | 12.45392169 | TAGLN |
| VTCN1 | -1.89328136 | 6.019537672 | -10.1293498 | 9.16E-10 | 4.30E-08 | 12.42178467 | VTCN1 |
| ZWINT | -2.53687184 | 7.814967253 | -10.1106349 | 9.48E-10 | 4.42E-08 | 12.38746787 | ZWINT |
| SLC26A7 | -3.25118712 | 5.439274383 | -10.1104848 | 9.48E-10 | 4.42E-08 | 12.38719247 | SLC26A7 |
| ABLIM1 | 2.174710359 | 9.543363558 | 10.1092588 | 9.50E-10 | 4.42E-08 | 12.3849429 | ABLIM1 |
| EHF | -4.41597566 | 7.537799236 | -10.090408 | 9.83E-10 | 4.56E-08 | 12.35033001 | EHF |
| TMEM159 | 1.240630153 | 6.865993372 | 10.0870719 | 9.89E-10 | 4.58E-08 | 12.34419974 | TMEM159 |
| PTPN5 | 1.026408615 | 5.558615668 | 10.08514846 | 9.93E-10 | 4.58E-08 | 12.34066474 | PTPN5 |
| PHACTR3 | 1.600494503 | 5.298349843 | 10.08229856 | 9.98E-10 | 4.60E-08 | 12.33542619 | PHACTR3 |
| AGRN | -1.02729646 | 7.618710168 | -10.0809855 | 1.00E-09 | 4.60E-08 | 12.33301221 | AGRN |
| HN1L | -1.16962793 | 8.600678414 | -10.0681204 | 1.02E-09 | 4.69E-08 | 12.30934955 | HN1L |
| TSPAN4 | 1.154607374 | 8.280517494 | 10.06450706 | 1.03E-09 | 4.71E-08 | 12.30269993 | TSPAN4 |
| GATSL2 | 1.085493088 | 7.722083602 | 10.06053062 | 1.04E-09 | 4.73E-08 | 12.29538015 | GATSL2 |
| SLCO3A1 | 1.266176585 | 7.011733244 | 10.05094245 | 1.06E-09 | 4.81E-08 | 12.27772233 | SLCO3A1 |
| LOC100506558 | 2.183476054 | 8.776118301 | 10.03824575 | 1.08E-09 | 4.90E-08 | 12.25432215 | LOC100506558 |
| FMOD | 1.393231764 | 8.686332605 | 10.0287137 | 1.10E-09 | 4.97E-08 | 12.23674127 | FMOD |
| OMD | 2.07815462 | 6.474650394 | 10.02814378 | 1.10E-09 | 4.97E-08 | 12.23568976 | OMD |
| WASF3 | 1.165045553 | 7.195737582 | 10.01734687 | 1.12E-09 | 5.06E-08 | 12.21576155 | WASF3 |
| HOXB7 | -1.65691407 | 6.917242591 | -10.0007476 | 1.16E-09 | 5.18E-08 | 12.18509548 | HOXB7 |
| BAMBI | 1.46773804 | 8.086234829 | 9.998739044 | 1.16E-09 | 5.19E-08 | 12.1813824 | BAMBI |
| FAM162B | -1.49356093 | 7.070761722 | -9.98788755 | 1.19E-09 | 5.28E-08 | 12.16131361 | FAM162B |
| VLDLR | 1.812370248 | 7.963403601 | 9.987280679 | 1.19E-09 | 5.28E-08 | 12.16019083 | VLDLR |
| C1S | 1.918387973 | 10.99688194 | 9.98217725 | 1.20E-09 | 5.32E-08 | 12.15074707 | C1S |
| AMD1 | -1.33171476 | 7.925137239 | -9.95576492 | 1.26E-09 | 5.56E-08 | 12.10181971 | AMD1 |
| C3 | 4.056657827 | 10.65180427 | 9.944171833 | 1.28E-09 | 5.64E-08 | 12.0803166 | C3 |
| LOC100507334 | -2.74995452 | 8.369031354 | -9.94339285 | 1.29E-09 | 5.64E-08 | 12.07887113 | LOC100507334 |
| DCDC2 | -2.73477775 | 6.529780214 | -9.94296272 | 1.29E-09 | 5.64E-08 | 12.07807294 | DCDC2 |
| CLDN5 | 1.625532657 | 7.227880333 | 9.941038637 | 1.29E-09 | 5.65E-08 | 12.0745022 | CLDN5 |
| VSIG2 | -1.09565159 | 6.298268228 | -9.93951034 | 1.29E-09 | 5.66E-08 | 12.07166563 | VSIG2 |
| CENPK | -2.14321081 | 5.672295165 | -9.93757251 | 1.30E-09 | 5.66E-08 | 12.06806852 | CENPK |
| PERP | -2.68656487 | 8.505505921 | -9.90898448 | 1.37E-09 | 5.96E-08 | 12.0149472 | PERP |
| NEURL1B | 1.559880687 | 8.44695719 | 9.901408921 | 1.39E-09 | 6.03E-08 | 12.00085337 | NEURL1B |
| LIFR | 1.512574778 | 8.224713039 | 9.887182029 | 1.43E-09 | 6.18E-08 | 11.97436567 | LIFR |
| DACT2 | -1.2239303 | 6.501182343 | -9.87932243 | 1.45E-09 | 6.25E-08 | 11.95972172 | DACT2 |
| PLA2G5 | 2.620457025 | 6.142270859 | 9.878846725 | 1.45E-09 | 6.25E-08 | 11.95883514 | PLA2G5 |
| GPC3 | 2.198386413 | 6.768905289 | 9.871418807 | 1.47E-09 | 6.31E-08 | 11.94498791 | GPC3 |
| TTYH2 | 1.203097856 | 7.08146353 | 9.868615027 | 1.47E-09 | 6.32E-08 | 11.93975925 | TTYH2 |
| TOR1AIP1 | 1.012741292 | 8.53671266 | 9.867642127 | 1.48E-09 | 6.32E-08 | 11.9379447 | TOR1AIP1 |
| ITGA11 | 1.87420869 | 7.446057223 | 9.867230868 | 1.48E-09 | 6.32E-08 | 11.93717763 | ITGA11 |
| TCF12 | -1.08001441 | 9.73024032 | -9.85213708 | 1.52E-09 | 6.47E-08 | 11.90901022 | TCF12 |
| RRM2 | -3.33807829 | 7.325132211 | -9.85089345 | 1.52E-09 | 6.47E-08 | 11.90668811 | RRM2 |
| APOL3 | 1.172703808 | 6.522159035 | 9.825011249 | 1.60E-09 | 6.78E-08 | 11.85831689 | APOL3 |
| MGARP | 2.768972793 | 7.062978019 | 9.81864897 | 1.62E-09 | 6.84E-08 | 11.84641349 | MGARP |
| SLC46A3 | 1.710433673 | 6.838270689 | 9.815523135 | 1.63E-09 | 6.87E-08 | 11.84056338 | SLC46A3 |
| SCGB2A1 | -5.72345833 | 8.383168035 | -9.7954256 | 1.69E-09 | 7.06E-08 | 11.8029207 | SCGB2A1 |
| ANKDD1A | 1.520751697 | 6.637193118 | 9.772151411 | 1.76E-09 | 7.34E-08 | 11.75926427 | ANKDD1A |
| JAZF1 | -1.33075844 | 7.806568248 | -9.76421302 | 1.79E-09 | 7.44E-08 | 11.74435819 | JAZF1 |
| SPINT2 | -1.44369108 | 8.872714587 | -9.7563996 | 1.81E-09 | 7.53E-08 | 11.72967898 | SPINT2 |
| TPX2 | -2.15418785 | 6.232631613 | -9.7555758 | 1.82E-09 | 7.53E-08 | 11.72813084 | TPX2 |
| SPG20 | 1.268177094 | 8.858382469 | 9.747410802 | 1.85E-09 | 7.63E-08 | 11.71278198 | SPG20 |
| ATP6V1C2 | -1.60126689 | 6.164060947 | -9.7392855 | 1.87E-09 | 7.73E-08 | 11.69749934 | ATP6V1C2 |
| POU5F1P3 | -1.20100981 | 5.955229552 | -9.73767922 | 1.88E-09 | 7.74E-08 | 11.69447714 | POU5F1P3 |
| ARHGAP24 | 1.071639951 | 6.347516782 | 9.733734118 | 1.89E-09 | 7.76E-08 | 11.6870531 | ARHGAP24 |
| ANO4 | -1.68699219 | 6.711130767 | -9.73360609 | 1.89E-09 | 7.76E-08 | 11.68681214 | ANO4 |
| CCNA2 | -2.09088707 | 6.947602281 | -9.7332465 | 1.89E-09 | 7.76E-08 | 11.68613535 | CCNA2 |
| MECOM | -1.96299627 | 8.490460503 | -9.71798667 | 1.95E-09 | 7.94E-08 | 11.65739923 | MECOM |
| TPM2 | 1.482356502 | 10.05464628 | 9.692215268 | 2.04E-09 | 8.31E-08 | 11.60880132 | TPM2 |
| OCIAD2 | -1.20664565 | 8.389967025 | -9.68978359 | 2.05E-09 | 8.34E-08 | 11.60421147 | OCIAD2 |
| EFEMP1 | 2.441465845 | 9.730168609 | 9.687128853 | 2.06E-09 | 8.36E-08 | 11.59919972 | EFEMP1 |
| KIAA0101 | -3.63394069 | 7.951033652 | -9.65907691 | 2.18E-09 | 8.76E-08 | 11.54618701 | KIAA0101 |
| SPA17 | -1.91356738 | 6.332083211 | -9.64992208 | 2.21E-09 | 8.90E-08 | 11.52886444 | SPA17 |
| SP110 | 1.000054962 | 7.793718543 | 9.645938331 | 2.23E-09 | 8.95E-08 | 11.52132314 | SP110 |
| COL7A1 | -2.34522825 | 8.657491709 | -9.63019807 | 2.30E-09 | 9.17E-08 | 11.49150673 | COL7A1 |
| TOP2A | -3.75041708 | 7.185457974 | -9.629609 | 2.30E-09 | 9.17E-08 | 11.49039026 | TOP2A |
| LOC101930400 | 1.359407774 | 6.636640316 | 9.623686814 | 2.32E-09 | 9.26E-08 | 11.47916336 | LOC101930400 |
| HSD11B2 | -1.77003091 | 6.407394677 | -9.61776234 | 2.35E-09 | 9.33E-08 | 11.46792763 | HSD11B2 |
| ANKRD6 | 1.380522925 | 6.891687978 | 9.616270925 | 2.36E-09 | 9.34E-08 | 11.46509846 | ANKRD6 |
| PLXNA2 | 1.112333333 | 6.846778877 | 9.612492139 | 2.37E-09 | 9.38E-08 | 11.45792896 | PLXNA2 |
| PGR | -2.436111 | 10.32836748 | -9.60136035 | 2.42E-09 | 9.57E-08 | 11.43679794 | PGR |
| HOXD11 | -1.30689821 | 6.141264484 | -9.58097029 | 2.52E-09 | 9.92E-08 | 11.39805118 | HOXD11 |
| EPAS1 | 1.754617194 | 9.353989613 | 9.577577265 | 2.53E-09 | 9.97E-08 | 11.39159831 | EPAS1 |
| CELF2 | 1.579905188 | 8.59096398 | 9.548046707 | 2.68E-09 | 1.05E-07 | 11.33537469 | CELF2 |
| PLCB1 | -1.78426769 | 7.440294234 | -9.54738138 | 2.68E-09 | 1.05E-07 | 11.33410668 | PLCB1 |
| CEACAM1 | -1.82134936 | 6.419219915 | -9.54604468 | 2.69E-09 | 1.05E-07 | 11.33155894 | CEACAM1 |
| HOXC4 | 1.035077036 | 6.89765664 | 9.527686253 | 2.78E-09 | 1.08E-07 | 11.29654492 | HOXC4 |
| TCEAL1 | 1.037495966 | 8.7443137 | 9.510520376 | 2.87E-09 | 1.11E-07 | 11.26376616 | TCEAL1 |
| TRPC1 | 1.154544402 | 8.010560908 | 9.509848321 | 2.88E-09 | 1.11E-07 | 11.26248208 | TRPC1 |
| LAMB2 | 1.083650851 | 8.802596711 | 9.509809306 | 2.88E-09 | 1.11E-07 | 11.26240753 | LAMB2 |
| NFIX | 1.231069657 | 8.343240478 | 9.499673855 | 2.93E-09 | 1.13E-07 | 11.24303485 | NFIX |
| FN1 | 1.474081863 | 11.5232299 | 9.496505901 | 2.95E-09 | 1.13E-07 | 11.23697697 | FN1 |
| COL8A2 | 1.771960273 | 6.111620862 | 9.49068595 | 2.98E-09 | 1.14E-07 | 11.22584448 | COL8A2 |
| RNF183 | -1.07271748 | 6.065827952 | -9.48422997 | 3.02E-09 | 1.15E-07 | 11.21349028 | RNF183 |
| BOK | -1.1795635 | 7.63819472 | -9.46617321 | 3.13E-09 | 1.19E-07 | 11.17890822 | BOK |
| CRABP2 | -2.29454866 | 8.170300288 | -9.45801085 | 3.17E-09 | 1.20E-07 | 11.16326198 | CRABP2 |
| C1R | 2.208552292 | 10.55321264 | 9.449762107 | 3.22E-09 | 1.22E-07 | 11.1474414 | C1R |
| MYL9 | 1.789233328 | 9.86385192 | 9.438004687 | 3.30E-09 | 1.24E-07 | 11.12487621 | MYL9 |
| TLE1 | -1.15759653 | 8.934933521 | -9.43637526 | 3.31E-09 | 1.24E-07 | 11.12174756 | TLE1 |
| MCM2 | -1.29006191 | 7.279908095 | -9.43447652 | 3.32E-09 | 1.24E-07 | 11.11810136 | MCM2 |
| PEG10 | 2.371442601 | 7.158443087 | 9.428741353 | 3.35E-09 | 1.26E-07 | 11.10708516 | PEG10 |
| ZSWIM5 | 1.037531928 | 6.530289396 | 9.425742411 | 3.37E-09 | 1.26E-07 | 11.10132304 | ZSWIM5 |
| UBE2C | -2.28626311 | 6.910903304 | -9.42426973 | 3.38E-09 | 1.26E-07 | 11.09849304 | UBE2C |
| IRAK3 | 1.721328637 | 5.110222192 | 9.420936442 | 3.40E-09 | 1.27E-07 | 11.09208652 | IRAK3 |
| CAV1 | 1.275547976 | 9.732735601 | 9.401367038 | 3.53E-09 | 1.31E-07 | 11.05444548 | CAV1 |
| LTBP2 | 2.388379488 | 8.666799219 | 9.393566871 | 3.59E-09 | 1.32E-07 | 11.03942831 | LTBP2 |
| TRAF3IP2 | -1.20563966 | 7.974292231 | -9.39284138 | 3.59E-09 | 1.32E-07 | 11.03803118 | TRAF3IP2 |
| CENPW | -1.82668312 | 7.551703787 | -9.39135767 | 3.60E-09 | 1.32E-07 | 11.03517365 | CENPW |
| ST6GALNAC2 | -1.12727271 | 6.448239955 | -9.38799801 | 3.62E-09 | 1.32E-07 | 11.02870213 | ST6GALNAC2 |
| LRRK2 | 1.417517514 | 6.044551736 | 9.384108891 | 3.65E-09 | 1.33E-07 | 11.02120889 | LRRK2 |
| CCDC144NL-AS1 | 1.561926691 | 5.937424766 | 9.380174256 | 3.68E-09 | 1.34E-07 | 11.01362597 | CCDC144NL-AS1 |
| CHN2 | 2.001012351 | 7.041280091 | 9.371438093 | 3.74E-09 | 1.36E-07 | 10.99678226 | CHN2 |
| HSD11B1 | 3.571169976 | 6.991420856 | 9.371391604 | 3.74E-09 | 1.36E-07 | 10.99669261 | HSD11B1 |
| KRT19 | -2.05072288 | 8.805392504 | -9.36492457 | 3.79E-09 | 1.37E-07 | 10.98421747 | KRT19 |
| MIR6773 | -1.05367813 | 5.928964203 | -9.35465807 | 3.86E-09 | 1.40E-07 | 10.96440186 | MIR6773 |
| IGLC1 | 4.27329672 | 9.306783275 | 9.339545026 | 3.97E-09 | 1.43E-07 | 10.93520692 | IGLC1 |
| FLJ30901 | 1.231527889 | 6.541057134 | 9.324494637 | 4.09E-09 | 1.47E-07 | 10.90610351 | FLJ30901 |
| PHACTR2 | 1.062040638 | 8.415763011 | 9.297323876 | 4.31E-09 | 1.54E-07 | 10.85348793 | PHACTR2 |
| TGFBR2 | 1.365311376 | 8.468963014 | 9.292808443 | 4.35E-09 | 1.55E-07 | 10.84473458 | TGFBR2 |
| NUSAP1 | -2.38233969 | 7.867276439 | -9.29270243 | 4.35E-09 | 1.55E-07 | 10.84452904 | NUSAP1 |
| SCD5 | 1.397965994 | 8.839470231 | 9.290857962 | 4.36E-09 | 1.55E-07 | 10.84095267 | SCD5 |
| TPBG | -1.62107806 | 9.217979079 | -9.29031528 | 4.37E-09 | 1.55E-07 | 10.83990034 | TPBG |
| ADIRF | 2.917729258 | 8.308129512 | 9.288926951 | 4.38E-09 | 1.55E-07 | 10.83720803 | ADIRF |
| HNF1B | -1.01071839 | 7.306704969 | -9.28044466 | 4.45E-09 | 1.57E-07 | 10.82075329 | HNF1B |
| PHLDB2 | 1.661044549 | 7.286103038 | 9.277728816 | 4.47E-09 | 1.58E-07 | 10.81548285 | PHLDB2 |
| PLA2G2A | 3.927417058 | 8.710123426 | 9.271329149 | 4.53E-09 | 1.60E-07 | 10.80305971 | PLA2G2A |
| PDLIM5 | 1.496258775 | 9.438533372 | 9.270690403 | 4.53E-09 | 1.60E-07 | 10.80181947 | PDLIM5 |
| RAB9B | 1.556640417 | 6.69228589 | 9.268949033 | 4.55E-09 | 1.60E-07 | 10.79843802 | RAB9B |
| PTRF | 1.160430886 | 9.482794748 | 9.268461645 | 4.55E-09 | 1.60E-07 | 10.79749152 | PTRF |
| CALD1 | 1.509457848 | 11.35133798 | 9.26474507 | 4.59E-09 | 1.60E-07 | 10.790273 | CALD1 |
| TXK | -1.10894746 | 4.64876343 | -9.26199401 | 4.61E-09 | 1.61E-07 | 10.78492858 | TXK |
| DNAJB4 | 1.414120407 | 7.557952805 | 9.261921902 | 4.61E-09 | 1.61E-07 | 10.78478849 | DNAJB4 |
| HOXB2 | -1.98559788 | 7.450513217 | -9.25498928 | 4.67E-09 | 1.63E-07 | 10.77131622 | HOXB2 |
| MKI67 | -2.03780489 | 6.699201817 | -9.2498077 | 4.72E-09 | 1.64E-07 | 10.76124268 | MKI67 |
| BGN | 2.085092634 | 8.345884645 | 9.248809788 | 4.73E-09 | 1.64E-07 | 10.75930223 | BGN |
| LOC100505915 | 1.17856744 | 7.055593561 | 9.243555202 | 4.78E-09 | 1.65E-07 | 10.7490825 | LOC100505915 |
| CTNNA2 | -1.78035919 | 5.885647966 | -9.23882237 | 4.82E-09 | 1.66E-07 | 10.73987445 | CTNNA2 |
| CD163 | 2.113343087 | 7.590977076 | 9.232178722 | 4.88E-09 | 1.68E-07 | 10.72694382 | CD163 |
| KIF11 | -2.62659624 | 5.843145426 | -9.22497383 | 4.95E-09 | 1.70E-07 | 10.71291432 | KIF11 |
| GNG2 | 1.423972636 | 6.993112955 | 9.220927015 | 4.99E-09 | 1.71E-07 | 10.70503132 | GNG2 |
| LOC90246 | -1.21676943 | 6.209864264 | -9.21863232 | 5.01E-09 | 1.71E-07 | 10.70056042 | LOC90246 |
| RACGAP1 | -2.20172401 | 7.153118864 | -9.21714173 | 5.02E-09 | 1.71E-07 | 10.69765583 | RACGAP1 |
| LOC101060817 | -1.22575047 | 9.331998678 | -9.1901873 | 5.29E-09 | 1.79E-07 | 10.64508183 | LOC101060817 |
| CCNB1 | -2.37689838 | 6.75987452 | -9.1794873 | 5.40E-09 | 1.82E-07 | 10.62418535 | CCNB1 |
| TIMP2 | 1.419211367 | 11.16152944 | 9.1720321 | 5.48E-09 | 1.84E-07 | 10.6096169 | TIMP2 |
| NREP | -2.14601556 | 10.13715248 | -9.16719564 | 5.53E-09 | 1.86E-07 | 10.60016192 | NREP |
| IGSF11 | 1.409921032 | 4.644810314 | 9.165298802 | 5.55E-09 | 1.86E-07 | 10.59645288 | IGSF11 |
| ASPM | -2.5348142 | 5.710111801 | -9.16298854 | 5.58E-09 | 1.87E-07 | 10.5919348 | ASPM |
| C3orf70 | 1.605984478 | 6.704823266 | 9.151486522 | 5.70E-09 | 1.89E-07 | 10.56943041 | C3orf70 |
| STAB1 | 1.345269816 | 8.316626337 | 9.144097364 | 5.78E-09 | 1.91E-07 | 10.55496392 | STAB1 |
| TBC1D4 | 1.500951891 | 8.053966068 | 9.139787349 | 5.83E-09 | 1.93E-07 | 10.54652246 | TBC1D4 |
| GIMAP7 | 1.830765964 | 6.42231751 | 9.136189458 | 5.87E-09 | 1.94E-07 | 10.53947388 | GIMAP7 |
| BCAS1 | -1.14955295 | 5.918608247 | -9.13586405 | 5.88E-09 | 1.94E-07 | 10.53883629 | BCAS1 |
| TSHZ1 | 1.318024943 | 8.860767882 | 9.134817919 | 5.89E-09 | 1.94E-07 | 10.53678647 | TSHZ1 |
| MAP7 | -1.60096181 | 6.183471661 | -9.12927383 | 5.95E-09 | 1.95E-07 | 10.52592079 | MAP7 |
| ST8SIA2 | -1.11391463 | 5.177306874 | -9.11628417 | 6.10E-09 | 2.00E-07 | 10.50044697 | ST8SIA2 |
| MME | -1.88816044 | 7.618989961 | -9.11080876 | 6.17E-09 | 2.01E-07 | 10.48970258 | MME |
| TYMS | -2.97615649 | 8.190199817 | -9.10916129 | 6.19E-09 | 2.01E-07 | 10.48646897 | TYMS |
| GCNT1 | -1.00474343 | 6.825334158 | -9.10547092 | 6.23E-09 | 2.03E-07 | 10.47922435 | GCNT1 |
| PLA2G16 | 1.38179929 | 7.976135475 | 9.104384432 | 6.24E-09 | 2.03E-07 | 10.47709111 | PLA2G16 |
| CCL15-CCL14 | 1.538164973 | 7.293897366 | 9.101762363 | 6.28E-09 | 2.03E-07 | 10.47194222 | CCL15-CCL14 |
| WFDC2 | -3.67112931 | 8.709456308 | -9.09889283 | 6.31E-09 | 2.04E-07 | 10.46630634 | WFDC2 |
| RGS2 | 2.342910685 | 8.69756153 | 9.097734706 | 6.33E-09 | 2.04E-07 | 10.46403144 | RGS2 |
| LOC101929500 | 1.721906233 | 8.587742424 | 9.085964157 | 6.47E-09 | 2.08E-07 | 10.44090053 | LOC101929500 |
| SGMS1 | 1.28599681 | 7.222186378 | 9.081866293 | 6.52E-09 | 2.10E-07 | 10.43284332 | SGMS1 |
| GPC6 | 2.065358738 | 8.288770678 | 9.080167634 | 6.54E-09 | 2.10E-07 | 10.42950278 | GPC6 |
| LOC643733 | 1.991950542 | 5.77923903 | 9.076452633 | 6.59E-09 | 2.11E-07 | 10.42219562 | LOC643733 |
| PLEKHH1 | -2.04431014 | 6.978867874 | -9.06916085 | 6.69E-09 | 2.13E-07 | 10.40784787 | PLEKHH1 |
| PDE1A | 1.648498049 | 6.130338061 | 9.063311788 | 6.76E-09 | 2.15E-07 | 10.39633385 | PDE1A |
| FAM102B | 1.215010124 | 7.548510586 | 9.062317121 | 6.78E-09 | 2.15E-07 | 10.39437538 | FAM102B |
| RXFP1 | -2.59931901 | 6.119123065 | -9.05661452 | 6.85E-09 | 2.18E-07 | 10.38314458 | RXFP1 |
| DDR2 | 1.070316959 | 8.930351439 | 9.05445699 | 6.88E-09 | 2.18E-07 | 10.37889439 | DDR2 |
| WWTR1 | 1.20564721 | 9.976589049 | 9.048199535 | 6.96E-09 | 2.20E-07 | 10.36656415 | WWTR1 |
| DLX6-AS1 | -1.25195403 | 5.399009726 | -9.04575785 | 7.00E-09 | 2.21E-07 | 10.36175142 | DLX6-AS1 |
| ADRA2C | -1.34558202 | 6.750061993 | -9.04259373 | 7.04E-09 | 2.22E-07 | 10.3555136 | ADRA2C |
| ABI3BP | 2.211073032 | 8.15847854 | 9.007568144 | 7.54E-09 | 2.37E-07 | 10.28637478 | ABI3BP |
| RGN | 1.214726236 | 6.694253469 | 8.998585306 | 7.67E-09 | 2.41E-07 | 10.268617 | RGN |
| LTC4S | 1.041360305 | 6.309281763 | 8.996329246 | 7.70E-09 | 2.41E-07 | 10.26415542 | LTC4S |
| NBL1 | 1.713652575 | 8.877879051 | 8.995305887 | 7.72E-09 | 2.41E-07 | 10.2621314 | NBL1 |
| 04.wrz | 1.341614031 | 6.273597342 | 8.995097728 | 7.72E-09 | 2.41E-07 | 10.26171968 | 04.wrz |
| EPS8 | 1.337540058 | 9.298785858 | 8.988690682 | 7.82E-09 | 2.43E-07 | 10.2490444 | EPS8 |
| KIAA1462 | 1.420806157 | 6.334807686 | 8.984673022 | 7.88E-09 | 2.45E-07 | 10.24109336 | KIAA1462 |
| CENPF | -2.0728844 | 6.747007126 | -8.97736914 | 7.99E-09 | 2.48E-07 | 10.22663334 | CENPF |
| NEK2 | -2.08121892 | 5.226159845 | -8.96679375 | 8.16E-09 | 2.52E-07 | 10.20568399 | NEK2 |
| CENPE | -1.52677287 | 5.278867628 | -8.95967889 | 8.28E-09 | 2.55E-07 | 10.19158145 | CENPE |
| IGLV1-44 | 3.688777752 | 8.548698919 | 8.957826668 | 8.31E-09 | 2.56E-07 | 10.18790901 | IGLV1-44 |
| ZNF521 | 1.757110891 | 6.856477014 | 8.942766712 | 8.55E-09 | 2.63E-07 | 10.15803251 | ZNF521 |
| PAICS | -1.30562532 | 8.513459916 | -8.93281102 | 8.72E-09 | 2.67E-07 | 10.13826555 | PAICS |
| ABCA8 | 3.500453166 | 7.87138038 | 8.932557624 | 8.73E-09 | 2.67E-07 | 10.13776226 | ABCA8 |
| SELE | 1.716934088 | 4.950810177 | 8.930253679 | 8.77E-09 | 2.68E-07 | 10.13318584 | SELE |
| FGFR2 | -1.62780378 | 7.305223354 | -8.90482303 | 9.21E-09 | 2.80E-07 | 10.0826252 | FGFR2 |
| FGF7P3 | 2.483612259 | 7.202498253 | 8.901643159 | 9.27E-09 | 2.81E-07 | 10.07629703 | FGF7P3 |
| DEPDC1B | -1.4828932 | 4.261604633 | -8.8968556 | 9.36E-09 | 2.83E-07 | 10.06676691 | DEPDC1B |
| CAMK1D | 1.081332754 | 6.752558188 | 8.890477577 | 9.48E-09 | 2.86E-07 | 10.05406606 | CAMK1D |
| PRRG4 | -2.04403026 | 6.028212675 | -8.88215031 | 9.63E-09 | 2.89E-07 | 10.0374755 | PRRG4 |
| BIRC5 | -2.17367191 | 6.035029747 | -8.88208468 | 9.63E-09 | 2.89E-07 | 10.03734471 | BIRC5 |
| TSPAN13 | -1.8386186 | 8.407078093 | -8.86816933 | 9.90E-09 | 2.97E-07 | 10.00960022 | TSPAN13 |
| KIF2C | -1.78289909 | 7.028937038 | -8.86015771 | 1.01E-08 | 3.01E-07 | 9.993614946 | KIF2C |
| VIT | 1.399923438 | 6.469117397 | 8.856523196 | 1.01E-08 | 3.02E-07 | 9.986360325 | VIT |
| PTGR1 | -1.16465467 | 8.651145797 | -8.83626704 | 1.05E-08 | 3.13E-07 | 9.945896181 | PTGR1 |
| FOXM1 | -1.29787147 | 6.134574675 | -8.83612768 | 1.05E-08 | 3.13E-07 | 9.945617604 | FOXM1 |
| MAML2 | 1.119604499 | 7.963889267 | 8.833167725 | 1.06E-08 | 3.14E-07 | 9.939700111 | MAML2 |
| RAD54B | -1.27139625 | 6.002537959 | -8.83190211 | 1.06E-08 | 3.15E-07 | 9.937169557 | RAD54B |
| NUDT15 | -1.07318218 | 7.339496662 | -8.82754865 | 1.07E-08 | 3.17E-07 | 9.928463342 | NUDT15 |
| DOCK10 | 1.180749889 | 6.017248138 | 8.81447173 | 1.10E-08 | 3.24E-07 | 9.902296451 | DOCK10 |
| NDC80 | -2.29116835 | 6.23954254 | -8.80990996 | 1.11E-08 | 3.26E-07 | 9.893163007 | NDC80 |
| SVIL | 1.550649128 | 8.20727669 | 8.803469142 | 1.12E-08 | 3.29E-07 | 9.880262664 | SVIL |
| SKAP2 | 1.093246853 | 6.938486568 | 8.802616017 | 1.13E-08 | 3.29E-07 | 9.878553522 | SKAP2 |
| RAPGEF5 | 1.338765018 | 7.348590911 | 8.801995954 | 1.13E-08 | 3.29E-07 | 9.877311234 | RAPGEF5 |
| NUS1P3 | -2.22792813 | 5.504144736 | -8.7928961 | 1.15E-08 | 3.34E-07 | 9.859073893 | NUS1P3 |
| SELM | 1.080443938 | 8.938266592 | 8.789737904 | 1.16E-08 | 3.36E-07 | 9.852741872 | SELM |
| PGBD5 | -1.9665274 | 6.185754571 | -8.78369045 | 1.17E-08 | 3.39E-07 | 9.840613321 | PGBD5 |
| TSPAN2 | 1.535404661 | 5.477756981 | 8.782957811 | 1.17E-08 | 3.39E-07 | 9.83914363 | TSPAN2 |
| TNFSF14 | 1.72484432 | 6.549877742 | 8.780179027 | 1.18E-08 | 3.40E-07 | 9.833568695 | TNFSF14 |
| CDC42BPA | 1.045251392 | 8.589845625 | 8.780168251 | 1.18E-08 | 3.40E-07 | 9.833547075 | CDC42BPA |
| KRT8 | -1.23277045 | 7.460098742 | -8.77851963 | 1.18E-08 | 3.40E-07 | 9.830239049 | KRT8 |
| DIO2 | -2.82313011 | 7.927912721 | -8.77748868 | 1.18E-08 | 3.41E-07 | 9.828170211 | DIO2 |
| AKT3 | 1.238449979 | 7.794273722 | 8.76130106 | 1.22E-08 | 3.50E-07 | 9.795667538 | AKT3 |
| CYAT1 | 3.7226923 | 8.507295687 | 8.757002136 | 1.23E-08 | 3.53E-07 | 9.787029979 | CYAT1 |
| ANAPC4 | -1.73556895 | 9.594714675 | -8.71370713 | 1.34E-08 | 3.81E-07 | 9.699902583 | ANAPC4 |
| KIAA1210 | -2.67509303 | 6.145672044 | -8.71364754 | 1.34E-08 | 3.81E-07 | 9.699782485 | KIAA1210 |
| TRPV2 | 1.144694504 | 6.5469389 | 8.698982022 | 1.38E-08 | 3.90E-07 | 9.67021256 | TRPV2 |
| SIRPA | 1.167500314 | 7.127412164 | 8.698759992 | 1.38E-08 | 3.90E-07 | 9.669764663 | SIRPA |
| HMGA1 | -1.25321576 | 6.83924242 | -8.69764535 | 1.39E-08 | 3.90E-07 | 9.667516023 | HMGA1 |
| CEP55 | -2.39880397 | 5.560372707 | -8.69197563 | 1.40E-08 | 3.94E-07 | 9.656075498 | CEP55 |
| FGL2 | 1.833332486 | 7.268480868 | 8.678753385 | 1.44E-08 | 4.03E-07 | 9.629378627 | FGL2 |
| GPRASP1 | 1.518904125 | 7.870341855 | 8.675534987 | 1.45E-08 | 4.04E-07 | 9.622876862 | GPRASP1 |
| PDGFA | 1.163632977 | 6.42371184 | 8.662783795 | 1.49E-08 | 4.14E-07 | 9.597103457 | PDGFA |
| PLTP | 1.080371679 | 8.808809783 | 8.649123234 | 1.53E-08 | 4.24E-07 | 9.569467858 | PLTP |
| PDIA6 | -1.10737796 | 10.04206235 | -8.64122306 | 1.55E-08 | 4.30E-07 | 9.553474239 | PDIA6 |
| TK1 | -1.80830275 | 6.34016938 | -8.64098985 | 1.55E-08 | 4.30E-07 | 9.553001993 | TK1 |
| MREG | -1.07807461 | 5.958935647 | -8.64071211 | 1.55E-08 | 4.30E-07 | 9.552439555 | MREG |
| SNHG24 | 1.433603175 | 7.374635653 | 8.635684526 | 1.57E-08 | 4.33E-07 | 9.542256712 | SNHG24 |
| MIR8071-2 | 4.13592174 | 9.336156757 | 8.633585694 | 1.58E-08 | 4.35E-07 | 9.538004743 | MIR8071-2 |
| LMOD1 | 2.476035697 | 7.771086609 | 8.628041306 | 1.59E-08 | 4.39E-07 | 9.52676968 | LMOD1 |
| SNX29P2 | 1.406950038 | 5.74297111 | 8.624286481 | 1.61E-08 | 4.41E-07 | 9.519158621 | SNX29P2 |
| PDE10A | 1.562484953 | 5.555535996 | 8.619732384 | 1.62E-08 | 4.45E-07 | 9.5099249 | PDE10A |
| C2orf40 | 1.929541169 | 6.23924635 | 8.615076278 | 1.64E-08 | 4.48E-07 | 9.500481479 | C2orf40 |
| COBL | -1.60571453 | 6.883451169 | -8.60200016 | 1.68E-08 | 4.58E-07 | 9.473945236 | COBL |
| RAPGEF3 | 1.297843762 | 6.816817369 | 8.598872041 | 1.69E-08 | 4.59E-07 | 9.467593731 | RAPGEF3 |
| SOWAHC | 1.051700745 | 7.678940452 | 8.598592758 | 1.69E-08 | 4.59E-07 | 9.467026595 | SOWAHC |
| SLC39A6 | -1.3131367 | 10.2820879 | -8.59463849 | 1.70E-08 | 4.60E-07 | 9.458995622 | SLC39A6 |
| ANO6 | 1.114166541 | 8.66329615 | 8.588513591 | 1.73E-08 | 4.66E-07 | 9.446552027 | ANO6 |
| MAD2L1 | -2.64686124 | 6.836445692 | -8.58273019 | 1.75E-08 | 4.70E-07 | 9.434797627 | MAD2L1 |
| RNASEH2A | -1.30149011 | 7.199149868 | -8.57748136 | 1.76E-08 | 4.74E-07 | 9.424125821 | RNASEH2A |
| MTSS1 | 1.059498633 | 7.489904556 | 8.572740929 | 1.78E-08 | 4.78E-07 | 9.41448451 | MTSS1 |
| MDFIC | 1.248548065 | 8.481577125 | 8.569723934 | 1.79E-08 | 4.80E-07 | 9.408346834 | MDFIC |
| LINC00312 | 1.380636942 | 6.434553918 | 8.568995007 | 1.79E-08 | 4.80E-07 | 9.406863747 | LINC00312 |
| DLGAP5 | -2.64623786 | 5.881499908 | -8.56534604 | 1.81E-08 | 4.82E-07 | 9.399438419 | DLGAP5 |
| MPHOSPH8 | 1.075357663 | 9.234943273 | 8.555499461 | 1.84E-08 | 4.91E-07 | 9.379392596 | MPHOSPH8 |
| PLPPR4 | -2.06143909 | 5.957259284 | -8.55112159 | 1.86E-08 | 4.94E-07 | 9.37047587 | PLPPR4 |
| TSPAN7 | 1.100348843 | 6.808564759 | 8.547294904 | 1.87E-08 | 4.97E-07 | 9.362679694 | TSPAN7 |
| NCAM1 | 2.536953862 | 7.137758329 | 8.543800049 | 1.89E-08 | 5.00E-07 | 9.355557838 | NCAM1 |
| GDA | -2.54307887 | 6.601325879 | -8.54297559 | 1.89E-08 | 5.00E-07 | 9.3538775 | GDA |
| CPXM1 | -1.1816631 | 9.114737106 | -8.53460931 | 1.92E-08 | 5.07E-07 | 9.336821022 | CPXM1 |
| CNTN3 | -1.85265251 | 5.856682067 | -8.53431873 | 1.92E-08 | 5.07E-07 | 9.33622844 | CNTN3 |
| IGHA2 | 4.108100548 | 7.996060589 | 8.531159848 | 1.94E-08 | 5.08E-07 | 9.329785809 | IGHA2 |
| LOC401317 | -1.77433465 | 5.83439952 | -8.53000272 | 1.94E-08 | 5.08E-07 | 9.327425482 | LOC401317 |
| ECT2 | -2.13622885 | 5.972329912 | -8.51847019 | 1.99E-08 | 5.19E-07 | 9.303891374 | ECT2 |
| SOBP | 1.210067085 | 8.074153735 | 8.513788933 | 2.00E-08 | 5.23E-07 | 9.294333374 | SOBP |
| N4BP2L1 | 1.464507275 | 7.475366108 | 8.512083784 | 2.01E-08 | 5.25E-07 | 9.290851139 | N4BP2L1 |
| GCLC | -2.33563866 | 8.460084295 | -8.49610798 | 2.08E-08 | 5.40E-07 | 9.258206579 | GCLC |
| RAD54L | -1.01611047 | 6.214019269 | -8.48335194 | 2.13E-08 | 5.52E-07 | 9.232116601 | RAD54L |
| RHOBTB3 | 1.492458611 | 8.742820556 | 8.48227026 | 2.14E-08 | 5.52E-07 | 9.229903226 | RHOBTB3 |
| LXN | 2.138160103 | 8.583478872 | 8.482051231 | 2.14E-08 | 5.52E-07 | 9.229455023 | LXN |
| TTK | -2.26993836 | 5.195776545 | -8.46816499 | 2.20E-08 | 5.66E-07 | 9.201026152 | TTK |
| TIMELESS | -1.62076602 | 6.82724107 | -8.46597565 | 2.21E-08 | 5.67E-07 | 9.196541626 | TIMELESS |
| MEX3D | -1.32053251 | 6.626573354 | -8.45944753 | 2.24E-08 | 5.74E-07 | 9.183165939 | MEX3D |
| FAM72A | -1.53765231 | 6.286298856 | -8.45054665 | 2.28E-08 | 5.83E-07 | 9.164919392 | FAM72A |
| EZH2 | -1.62674835 | 6.457670313 | -8.44955193 | 2.28E-08 | 5.84E-07 | 9.162879575 | EZH2 |
| RARRES2 | 1.768723022 | 9.570510851 | 8.442964958 | 2.31E-08 | 5.91E-07 | 9.149368738 | RARRES2 |
| SGCD | 1.811256809 | 7.289735879 | 8.441403351 | 2.32E-08 | 5.92E-07 | 9.146164798 | SGCD |
| KAT2B | 1.223657318 | 7.223227145 | 8.43584366 | 2.35E-08 | 5.98E-07 | 9.134755355 | KAT2B |
| MIR6756 | 1.082874715 | 8.119544424 | 8.425106007 | 2.40E-08 | 6.09E-07 | 9.112708075 | MIR6756 |
| PRSS16 | -1.01955553 | 5.458199665 | -8.4213764 | 2.42E-08 | 6.13E-07 | 9.105046559 | PRSS16 |
| CTSF | 1.028418068 | 8.020107109 | 8.418627665 | 2.43E-08 | 6.16E-07 | 9.099398803 | CTSF |
| TUNAR | -2.38317131 | 6.360908931 | -8.41727377 | 2.44E-08 | 6.17E-07 | 9.096616611 | TUNAR |
| LOC158863 | 1.245198993 | 6.46527477 | 8.408177992 | 2.48E-08 | 6.27E-07 | 9.077918832 | LOC158863 |
| GINS4 | -1.53646888 | 6.052229958 | -8.39944675 | 2.53E-08 | 6.36E-07 | 9.059959941 | GINS4 |
| CYP2J2 | -1.15107727 | 6.101410707 | -8.39858909 | 2.53E-08 | 6.36E-07 | 9.058195305 | CYP2J2 |
| NSG1 | 1.670028062 | 7.335961447 | 8.392184417 | 2.56E-08 | 6.42E-07 | 9.045014566 | NSG1 |
| LOC101930241 | 1.130065218 | 5.995193128 | 8.384741509 | 2.60E-08 | 6.51E-07 | 9.029690219 | LOC101930241 |
| CDCA3 | -1.23860257 | 6.062532629 | -8.36637575 | 2.70E-08 | 6.73E-07 | 8.991844713 | CDCA3 |
| ZNF395 | 1.230371061 | 7.932937796 | 8.362750179 | 2.72E-08 | 6.77E-07 | 8.984368287 | ZNF395 |
| KPNA2 | -1.64378546 | 9.236489473 | -8.35746043 | 2.75E-08 | 6.82E-07 | 8.973456927 | KPNA2 |
| GINS1 | -1.72509646 | 6.078529335 | -8.35443895 | 2.77E-08 | 6.85E-07 | 8.96722273 | GINS1 |
| ESPL1 | -1.19399514 | 6.16965427 | -8.35365903 | 2.77E-08 | 6.86E-07 | 8.965613323 | ESPL1 |
| DAPK1-IT1 | 1.703425468 | 6.792163302 | 8.352379361 | 2.78E-08 | 6.87E-07 | 8.962972479 | DAPK1-IT1 |
| CA12 | -2.03973576 | 7.871007714 | -8.34863219 | 2.80E-08 | 6.90E-07 | 8.95523822 | CA12 |
| CCDC68 | 1.011150131 | 5.3544936 | 8.337595481 | 2.86E-08 | 7.04E-07 | 8.932447146 | CCDC68 |
| TMEM132C | -1.22611077 | 6.308724854 | -8.33698256 | 2.87E-08 | 7.04E-07 | 8.931180972 | TMEM132C |
| RHPN2 | -2.54077933 | 6.488712913 | -8.33143857 | 2.90E-08 | 7.10E-07 | 8.919725846 | RHPN2 |
| PRC1 | -2.14910898 | 6.445181974 | -8.33110544 | 2.90E-08 | 7.10E-07 | 8.919037392 | PRC1 |
| ZEB2 | 1.173094077 | 7.637557143 | 8.325101043 | 2.94E-08 | 7.17E-07 | 8.90662604 | ZEB2 |
| NFIB | 1.194008713 | 9.279167107 | 8.324697543 | 2.94E-08 | 7.17E-07 | 8.905791815 | NFIB |
| KNL1 | -2.29401612 | 5.403505677 | -8.32050118 | 2.96E-08 | 7.22E-07 | 8.897114635 | KNL1 |
| FANCD2 | -1.27978568 | 5.983099102 | -8.31854118 | 2.98E-08 | 7.24E-07 | 8.893060948 | FANCD2 |
| RAD51AP1 | -1.83711743 | 5.640308397 | -8.29285585 | 3.14E-08 | 7.59E-07 | 8.839890709 | RAD51AP1 |
| IQGAP3 | -1.65341844 | 5.927383865 | -8.2918331 | 3.14E-08 | 7.60E-07 | 8.837771727 | IQGAP3 |
| ASXL3 | 1.424348712 | 5.826972956 | 8.288628383 | 3.16E-08 | 7.64E-07 | 8.831131074 | ASXL3 |
| MELK | -2.02810939 | 6.809500171 | -8.27520411 | 3.25E-08 | 7.82E-07 | 8.803298969 | MELK |
| LOC100507387 | 1.072570492 | 4.775597116 | 8.269983412 | 3.29E-08 | 7.88E-07 | 8.792468517 | LOC100507387 |
| AIFM1 | -1.36660202 | 7.502860441 | -8.26683271 | 3.31E-08 | 7.93E-07 | 8.785930539 | AIFM1 |
| CRIM1 | 1.572691798 | 8.037182641 | 8.26425407 | 3.33E-08 | 7.96E-07 | 8.78057864 | CRIM1 |
| ELP3 | -1.20495699 | 8.742472746 | -8.25196955 | 3.41E-08 | 8.12E-07 | 8.75507014 | ELP3 |
| EPS8L1 | -1.13586651 | 6.918302235 | -8.24949659 | 3.43E-08 | 8.14E-07 | 8.749932657 | EPS8L1 |
| NRTN | -1.35444841 | 4.620216446 | -8.2484404 | 3.44E-08 | 8.15E-07 | 8.747738199 | NRTN |
| FILIP1L | 2.016875015 | 8.855572693 | 8.247479796 | 3.44E-08 | 8.16E-07 | 8.745742213 | FILIP1L |
| PLS3 | 1.075334207 | 10.31139691 | 8.246872034 | 3.45E-08 | 8.16E-07 | 8.744479314 | PLS3 |
| ACTA2 | 1.791676748 | 11.46448365 | 8.234496766 | 3.53E-08 | 8.34E-07 | 8.718753321 | ACTA2 |
| STOM | 1.298794642 | 8.801907031 | 8.230142 | 3.57E-08 | 8.41E-07 | 8.709695621 | STOM |
| FOLH1B | -1.13919462 | 6.168969661 | -8.22583627 | 3.60E-08 | 8.47E-07 | 8.700737398 | FOLH1B |
| SPINT1 | -1.56749618 | 7.037128408 | -8.22509641 | 3.60E-08 | 8.47E-07 | 8.699197854 | SPINT1 |
| THBS2 | 2.397111323 | 8.623594202 | 8.21852626 | 3.65E-08 | 8.57E-07 | 8.685522952 | THBS2 |
| C4orf32 | 1.353778213 | 6.698002798 | 8.211601528 | 3.70E-08 | 8.67E-07 | 8.671103744 | C4orf32 |
| KIF20A | -2.93663911 | 6.466465499 | -8.20833394 | 3.73E-08 | 8.71E-07 | 8.664297473 | KIF20A |
| DEPDC1 | -1.72435612 | 5.966413279 | -8.20831482 | 3.73E-08 | 8.71E-07 | 8.664257642 | DEPDC1 |
| PDE2A | 1.057864063 | 6.211714112 | 8.201056592 | 3.79E-08 | 8.81E-07 | 8.649133853 | PDE2A |
| ZDBF2 | 1.360461626 | 5.791421106 | 8.195710085 | 3.83E-08 | 8.90E-07 | 8.637988923 | ZDBF2 |
| IGK | 3.429689731 | 10.32503276 | 8.194748574 | 3.84E-08 | 8.90E-07 | 8.635984221 | IGK |
| CMAHP | 1.907488788 | 6.43463142 | 8.193303485 | 3.85E-08 | 8.92E-07 | 8.632971047 | CMAHP |
| PCNA | -1.39673301 | 8.8653096 | -8.18514426 | 3.91E-08 | 9.05E-07 | 8.615952853 | PCNA |
| GGT5 | 1.025424882 | 7.168615902 | 8.184470235 | 3.92E-08 | 9.05E-07 | 8.614546604 | GGT5 |
| PEAR1 | 1.250177239 | 7.349248912 | 8.180302262 | 3.95E-08 | 9.12E-07 | 8.60584937 | PEAR1 |
| MGLL | -1.55876664 | 8.032951869 | -8.16997474 | 4.04E-08 | 9.29E-07 | 8.58428902 | MGLL |
| HMMR | -2.43864233 | 5.773903332 | -8.16818787 | 4.05E-08 | 9.31E-07 | 8.580557199 | HMMR |
| S100A10 | 1.83701143 | 9.643521473 | 8.157430611 | 4.14E-08 | 9.47E-07 | 8.558081817 | S100A10 |
| LMCD1 | 1.669889863 | 7.81958242 | 8.151176306 | 4.20E-08 | 9.57E-07 | 8.54500739 | LMCD1 |
| EGFL6 | -1.94561844 | 6.777396767 | -8.13398136 | 4.35E-08 | 9.87E-07 | 8.509034718 | EGFL6 |
| PBK | -2.63489798 | 5.992114348 | -8.13088856 | 4.37E-08 | 9.91E-07 | 8.502560192 | PBK |
| FRAS1 | -2.31085896 | 6.371878215 | -8.11785991 | 4.49E-08 | 1.02E-06 | 8.475271646 | FRAS1 |
| QPCT | -1.80542265 | 6.45145539 | -8.11398251 | 4.53E-08 | 1.02E-06 | 8.467146 | QPCT |
| BTBD11 | -1.90248431 | 6.162535663 | -8.09448716 | 4.72E-08 | 1.06E-06 | 8.426259968 | BTBD11 |
| KIF15 | -2.04314902 | 5.601370371 | -8.09222672 | 4.74E-08 | 1.06E-06 | 8.421516027 | KIF15 |
| OLFML1 | 1.557896758 | 8.074371162 | 8.091437769 | 4.75E-08 | 1.06E-06 | 8.419860103 | OLFML1 |
| FXYD1 | 1.407276178 | 7.685360814 | 8.08700006 | 4.79E-08 | 1.07E-06 | 8.41054427 | FXYD1 |
| AGTR1 | 1.418558212 | 5.408312661 | 8.079416195 | 4.87E-08 | 1.08E-06 | 8.394617745 | AGTR1 |
| LOC286191 | 1.446377789 | 6.552496918 | 8.074589096 | 4.91E-08 | 1.09E-06 | 8.384476538 | LOC286191 |
| TNC | -2.8591565 | 8.138011458 | -8.07165801 | 4.94E-08 | 1.10E-06 | 8.378317111 | TNC |
| FAM49A | 1.028075846 | 5.90814108 | 8.069385139 | 4.97E-08 | 1.10E-06 | 8.373540077 | FAM49A |
| DNAJC10 | -1.63038927 | 8.857624012 | -8.06670976 | 5.00E-08 | 1.11E-06 | 8.367916166 | DNAJC10 |
| GIMAP4 | 1.222560423 | 6.252687994 | 8.062356594 | 5.04E-08 | 1.12E-06 | 8.358763325 | GIMAP4 |
| HGD | -2.10193705 | 6.271504468 | -8.05933103 | 5.07E-08 | 1.12E-06 | 8.352400358 | HGD |
| LAMC3 | -1.14238396 | 6.9318939 | -8.05861307 | 5.08E-08 | 1.12E-06 | 8.350890259 | LAMC3 |
| CARD16 | 1.265809927 | 7.028490014 | 8.04692682 | 5.20E-08 | 1.14E-06 | 8.326300548 | CARD16 |
| C14orf28 | 1.122770017 | 6.402172986 | 8.033949723 | 5.35E-08 | 1.17E-06 | 8.298973125 | C14orf28 |
| HSPB2-C11orf52 | -1.0585305 | 5.865233068 | -8.02090908 | 5.49E-08 | 1.19E-06 | 8.271489016 | HSPB2-C11orf52 |
| ANG | 1.794075618 | 6.977386165 | 8.017925957 | 5.53E-08 | 1.20E-06 | 8.265198649 | ANG |
| ADAMTS19 | -1.73252251 | 6.579187066 | -8.0115675 | 5.60E-08 | 1.21E-06 | 8.251786869 | ADAMTS19 |
| CPE | 1.548340886 | 8.233848851 | 8.009192188 | 5.63E-08 | 1.21E-06 | 8.246775269 | CPE |
| GIMAP6 | 1.5389343 | 6.304020771 | 7.993089451 | 5.82E-08 | 1.25E-06 | 8.212780533 | GIMAP6 |
| DNAJC15 | -1.65349685 | 7.957464573 | -7.98064145 | 5.97E-08 | 1.28E-06 | 8.18647743 | DNAJC15 |
| JCHAIN | 3.953011962 | 6.14171478 | 7.97468317 | 6.05E-08 | 1.29E-06 | 8.173879956 | JCHAIN |
| DCN | 1.529484781 | 11.91640445 | 7.963545031 | 6.19E-08 | 1.32E-06 | 8.150318 | DCN |
| ADGRG1 | -1.41633832 | 7.569661588 | -7.96285109 | 6.20E-08 | 1.32E-06 | 8.148849453 | ADGRG1 |
| PMAIP1 | -2.37413993 | 7.169535404 | -7.95730508 | 6.27E-08 | 1.33E-06 | 8.137110516 | PMAIP1 |
| CLU | 2.044619742 | 9.082410261 | 7.951447026 | 6.35E-08 | 1.34E-06 | 8.124706581 | CLU |
| WDR17 | 1.162750289 | 4.026716571 | 7.950490079 | 6.36E-08 | 1.34E-06 | 8.122679889 | WDR17 |
| CDCA5 | -1.30219227 | 6.474218991 | -7.95032538 | 6.36E-08 | 1.34E-06 | 8.122331067 | CDCA5 |
| KIF4A | -1.96352837 | 6.090828759 | -7.95025131 | 6.36E-08 | 1.34E-06 | 8.122174191 | KIF4A |
| TTF2 | -1.12036878 | 5.748877862 | -7.940576 | 6.49E-08 | 1.37E-06 | 8.101675848 | TTF2 |
| BMP6 | 1.808554039 | 6.631033966 | 7.932497164 | 6.61E-08 | 1.38E-06 | 8.084550199 | BMP6 |
| PPM1L | -1.07427437 | 6.076506038 | -7.93039692 | 6.63E-08 | 1.39E-06 | 8.080096628 | PPM1L |
| MFAP3L | -1.42660915 | 5.696707924 | -7.92850837 | 6.66E-08 | 1.39E-06 | 8.076091451 | MFAP3L |
| MFSD2A | -1.5502467 | 7.261333953 | -7.91714583 | 6.82E-08 | 1.42E-06 | 8.051983961 | MFSD2A |
| DTL | -1.94233098 | 6.383129026 | -7.91406959 | 6.86E-08 | 1.43E-06 | 8.045454218 | DTL |
| NPR2 | -1.59332373 | 7.426911097 | -7.91316723 | 6.88E-08 | 1.43E-06 | 8.043538596 | NPR2 |
| FAM83D | -1.92129877 | 5.934887962 | -7.91246287 | 6.89E-08 | 1.43E-06 | 8.04204323 | FAM83D |
| HEY2 | -2.19878438 | 7.441210333 | -7.91080985 | 6.91E-08 | 1.44E-06 | 8.038533603 | HEY2 |
| PPT2-EGFL8 | 1.076253803 | 7.278411238 | 7.908102022 | 6.95E-08 | 1.44E-06 | 8.032783621 | PPT2-EGFL8 |
| ELF3 | -1.98967444 | 7.659381673 | -7.90796668 | 6.95E-08 | 1.44E-06 | 8.032496211 | ELF3 |
| LAMC2 | -1.56010963 | 6.825741861 | -7.90542667 | 6.99E-08 | 1.45E-06 | 8.02710165 | LAMC2 |
| FKBP5 | 1.990355817 | 8.258549171 | 7.904951385 | 7.00E-08 | 1.45E-06 | 8.026092118 | FKBP5 |
| ANO1 | -2.39619345 | 6.92807016 | -7.90210417 | 7.04E-08 | 1.45E-06 | 8.020043881 | ANO1 |
| CRIP1 | -1.58648484 | 8.338428101 | -7.89690095 | 7.12E-08 | 1.47E-06 | 8.008988081 | CRIP1 |
| PDIA4 | -1.02675477 | 9.162114922 | -7.8954064 | 7.14E-08 | 1.47E-06 | 8.00581177 | PDIA4 |
| DPYSL2 | 1.114396024 | 10.27058053 | 7.894706078 | 7.15E-08 | 1.47E-06 | 8.004323312 | DPYSL2 |
| HELLS | -1.51838145 | 6.82460642 | -7.89156625 | 7.20E-08 | 1.48E-06 | 7.997649103 | HELLS |
| MYOCD | 3.441041169 | 7.162821665 | 7.88703472 | 7.26E-08 | 1.49E-06 | 7.98801428 | MYOCD |
| THBS4 | 1.768718319 | 7.418249601 | 7.883676341 | 7.32E-08 | 1.50E-06 | 7.980871994 | THBS4 |
| WDR77 | -1.71511869 | 7.985546852 | -7.88289765 | 7.33E-08 | 1.50E-06 | 7.979215739 | WDR77 |
| TMEM120B | -1.54916082 | 7.221809948 | -7.87821188 | 7.40E-08 | 1.51E-06 | 7.969247454 | TMEM120B |
| LRCH2 | 1.118490408 | 6.86237967 | 7.868471857 | 7.55E-08 | 1.54E-06 | 7.948517542 | LRCH2 |
| GOLM1 | -1.24227787 | 8.524957714 | -7.86316819 | 7.64E-08 | 1.55E-06 | 7.937224264 | GOLM1 |
| CCL2 | 2.149165131 | 7.428936513 | 7.849079826 | 7.87E-08 | 1.59E-06 | 7.907207065 | CCL2 |
| CD22 | 1.419866363 | 6.124109945 | 7.842524062 | 7.98E-08 | 1.61E-06 | 7.89323001 | CD22 |
| FBXO32 | 2.273923147 | 7.650217381 | 7.82932697 | 8.20E-08 | 1.66E-06 | 7.865075956 | FBXO32 |
| NUF2 | -2.08003182 | 5.125339133 | -7.82583714 | 8.26E-08 | 1.67E-06 | 7.857626999 | NUF2 |
| SERPING1 | 2.424791429 | 9.615997339 | 7.821827768 | 8.33E-08 | 1.68E-06 | 7.849067082 | SERPING1 |
| PIGR | -3.11872635 | 7.481181076 | -7.8073029 | 8.59E-08 | 1.72E-06 | 7.818038732 | PIGR |
| CXCL12 | 1.517014761 | 9.98809175 | 7.790268959 | 8.90E-08 | 1.78E-06 | 7.781614331 | CXCL12 |
| CDS1 | -1.12335716 | 6.924964859 | -7.78548535 | 8.99E-08 | 1.80E-06 | 7.771378337 | CDS1 |
| MOXD1 | -1.7945447 | 7.545304678 | -7.77544249 | 9.19E-08 | 1.83E-06 | 7.749878553 | MOXD1 |
| GNLY | -3.22872358 | 8.037319067 | -7.77405135 | 9.21E-08 | 1.83E-06 | 7.746899332 | GNLY |
| FCGR1CP | 1.38532696 | 6.343983852 | 7.768194042 | 9.33E-08 | 1.85E-06 | 7.734352655 | FCGR1CP |
| C17orf58 | -1.51954321 | 7.792336604 | -7.76763346 | 9.34E-08 | 1.86E-06 | 7.733151623 | C17orf58 |
| FGFR3 | -1.46348766 | 6.518867747 | -7.76094959 | 9.47E-08 | 1.88E-06 | 7.71882826 | FGFR3 |
| CBS | 1.194347671 | 6.979636461 | 7.746480891 | 9.77E-08 | 1.93E-06 | 7.687801727 | CBS |
| NEGR1 | 1.635020987 | 5.862791097 | 7.74507935 | 9.80E-08 | 1.93E-06 | 7.684794785 | NEGR1 |
| FANCI | -1.42000443 | 6.375484562 | -7.74491506 | 9.80E-08 | 1.93E-06 | 7.68444228 | FANCI |
| NLGN1 | -1.45928555 | 5.538337721 | -7.7173704 | 1.04E-07 | 2.03E-06 | 7.625292412 | NLGN1 |
| SH3YL1 | -1.07538536 | 9.50324189 | -7.71037728 | 1.05E-07 | 2.06E-06 | 7.610259089 | SH3YL1 |
| FOXN3 | 1.139509121 | 8.504614069 | 7.702460279 | 1.07E-07 | 2.09E-06 | 7.593231771 | FOXN3 |
| KITLG | 1.108044437 | 7.674435117 | 7.696515874 | 1.09E-07 | 2.11E-06 | 7.580441448 | KITLG |
| HOXA5 | -1.91623057 | 7.107171124 | -7.69583996 | 1.09E-07 | 2.11E-06 | 7.57898681 | HOXA5 |
| ZNF367 | -1.70712072 | 5.827443763 | -7.69309068 | 1.09E-07 | 2.12E-06 | 7.573069447 | ZNF367 |
| ENO2 | 1.118525433 | 6.21794495 | 7.692816996 | 1.09E-07 | 2.12E-06 | 7.572480344 | ENO2 |
| SLC44A4 | -1.58926724 | 5.382505813 | -7.69238509 | 1.10E-07 | 2.12E-06 | 7.571550641 | SLC44A4 |
| PRIM2B | -1.14846471 | 5.681102113 | -7.68314262 | 1.12E-07 | 2.15E-06 | 7.551649492 | PRIM2B |
| HEY1 | -1.2172694 | 7.388528101 | -7.67634123 | 1.13E-07 | 2.18E-06 | 7.536997266 | HEY1 |
| AURKB | -1.73629345 | 6.201351778 | -7.6627765 | 1.17E-07 | 2.24E-06 | 7.507756296 | AURKB |
| C10orf128 | 1.133144037 | 6.058563431 | 7.660218848 | 1.17E-07 | 2.25E-06 | 7.502240095 | C10orf128 |
| LRRN3 | 1.155033006 | 6.16135347 | 7.655626498 | 1.18E-07 | 2.27E-06 | 7.492333394 | LRRN3 |
| GFRA1 | 1.383310755 | 6.360933074 | 7.634774462 | 1.24E-07 | 2.35E-06 | 7.447315549 | GFRA1 |
| KLF7 | 1.05027224 | 7.527708622 | 7.633357214 | 1.24E-07 | 2.35E-06 | 7.444253717 | KLF7 |
| IHH | -2.69964586 | 7.48210377 | -7.63200256 | 1.25E-07 | 2.36E-06 | 7.441326866 | IHH |
| TOM1L1 | -1.48330243 | 7.409697227 | -7.62005465 | 1.28E-07 | 2.41E-06 | 7.415501706 | TOM1L1 |
| RBM24 | -1.4685152 | 6.254610709 | -7.61391266 | 1.29E-07 | 2.43E-06 | 7.402218501 | RBM24 |
| HNRNPAB | -1.10318773 | 9.84008829 | -7.61136375 | 1.30E-07 | 2.44E-06 | 7.396704532 | HNRNPAB |
| H2AFX | -1.77835349 | 8.444457396 | -7.59649811 | 1.34E-07 | 2.51E-06 | 7.364528913 | H2AFX |
| ANKRD12 | 1.219901209 | 7.095988416 | 7.596159081 | 1.34E-07 | 2.51E-06 | 7.363794773 | ANKRD12 |
| RIPK4 | -1.01654546 | 6.877863628 | -7.58204074 | 1.39E-07 | 2.58E-06 | 7.333208716 | RIPK4 |
| GPX7 | -1.11117072 | 7.645924333 | -7.57931852 | 1.39E-07 | 2.59E-06 | 7.327308218 | GPX7 |
| STON1 | 1.801865108 | 7.877656627 | 7.578759857 | 1.40E-07 | 2.59E-06 | 7.326097187 | STON1 |
| KCTD12 | 1.856144374 | 9.81999677 | 7.576217087 | 1.40E-07 | 2.61E-06 | 7.320584581 | KCTD12 |
| SERPINA1 | -2.41371657 | 8.273868447 | -7.57489768 | 1.41E-07 | 2.61E-06 | 7.317723831 | SERPINA1 |
| IGKC | 3.201025307 | 8.888841776 | 7.56964109 | 1.42E-07 | 2.64E-06 | 7.306324132 | IGKC |
| COL14A1 | 1.235499898 | 8.639943657 | 7.569635849 | 1.42E-07 | 2.64E-06 | 7.306312763 | COL14A1 |
| SLC16A9 | 1.67816685 | 7.701445984 | 7.557381282 | 1.46E-07 | 2.70E-06 | 7.279722615 | SLC16A9 |
| NTF3 | 1.041357611 | 6.263469856 | 7.553675085 | 1.47E-07 | 2.72E-06 | 7.271676915 | NTF3 |
| PROM1 | -2.24750928 | 6.460270883 | -7.54814102 | 1.49E-07 | 2.75E-06 | 7.259659732 | PROM1 |
| ERG | 1.060516711 | 6.391049846 | 7.546754617 | 1.49E-07 | 2.75E-06 | 7.256648531 | ERG |
| MEG3 | 2.605214406 | 8.426702931 | 7.541941428 | 1.51E-07 | 2.78E-06 | 7.246192524 | MEG3 |
| C3AR1 | 1.056488594 | 6.694754035 | 7.537232452 | 1.52E-07 | 2.80E-06 | 7.235959925 | C3AR1 |
| LRFN5 | -1.10421368 | 5.506809701 | -7.53241587 | 1.54E-07 | 2.83E-06 | 7.225490454 | LRFN5 |
| TRIP13 | -1.36241806 | 6.736222625 | -7.53017981 | 1.55E-07 | 2.84E-06 | 7.220629024 | TRIP13 |
| MIR29C | 1.804934275 | 6.337121832 | 7.520473028 | 1.58E-07 | 2.89E-06 | 7.199517801 | MIR29C |
| LOC101927809 | 1.441217455 | 5.469193539 | 7.514021627 | 1.60E-07 | 2.92E-06 | 7.18547976 | LOC101927809 |
| LAMA4 | 1.110835724 | 8.36306751 | 7.50799989 | 1.62E-07 | 2.95E-06 | 7.172371666 | LAMA4 |
| HJURP | -1.35115247 | 6.053861487 | -7.50474461 | 1.63E-07 | 2.96E-06 | 7.165283589 | HJURP |
| PRR15L | -1.16013255 | 6.404715868 | -7.49457985 | 1.67E-07 | 3.02E-06 | 7.143141642 | PRR15L |
| PPM1K | 1.156420249 | 8.029132659 | 7.491906916 | 1.68E-07 | 3.03E-06 | 7.137316916 | PPM1K |
| SPATA17 | -1.27767026 | 5.034948634 | -7.48967833 | 1.69E-07 | 3.04E-06 | 7.132459748 | SPATA17 |
| NCAPH | -1.12216758 | 6.201679034 | -7.48389701 | 1.71E-07 | 3.07E-06 | 7.119856426 | NCAPH |
| CDC20 | -1.80844178 | 6.799046854 | -7.48189328 | 1.72E-07 | 3.08E-06 | 7.115487238 | CDC20 |
| IGF1 | -1.74313769 | 10.05338833 | -7.48100621 | 1.72E-07 | 3.08E-06 | 7.113552775 | IGF1 |
| CLDN10 | -2.64430495 | 7.234055125 | -7.47139362 | 1.76E-07 | 3.14E-06 | 7.092583729 | CLDN10 |
| EMID1 | -1.14219971 | 7.65697512 | -7.47103413 | 1.76E-07 | 3.14E-06 | 7.091799304 | EMID1 |
| FCGR2B | 1.870078435 | 6.061702251 | 7.46697376 | 1.77E-07 | 3.16E-06 | 7.082938075 | FCGR2B |
| ABHD17C | -1.36188471 | 6.442179024 | -7.46247745 | 1.79E-07 | 3.18E-06 | 7.073122919 | ABHD17C |
| TGFBI | -1.8196425 | 10.183753 | -7.44628198 | 1.85E-07 | 3.28E-06 | 7.037747069 | TGFBI |
| SCNN1G | -2.24578675 | 5.449138494 | -7.44472633 | 1.86E-07 | 3.29E-06 | 7.034347234 | SCNN1G |
| APOBEC3B | -2.31905122 | 5.657935373 | -7.42962495 | 1.92E-07 | 3.38E-06 | 7.001326842 | APOBEC3B |
| AASS | 1.267897756 | 6.937047163 | 7.429112958 | 1.92E-07 | 3.38E-06 | 7.000206797 | AASS |
| PLS1 | -1.70280411 | 5.98601969 | -7.42546337 | 1.94E-07 | 3.40E-06 | 6.992221903 | PLS1 |
| WFIKKN2 | 1.168358434 | 5.999431386 | 7.424476045 | 1.94E-07 | 3.40E-06 | 6.990061447 | WFIKKN2 |
| PODXL | -1.33849395 | 8.506065295 | -7.42435004 | 1.94E-07 | 3.40E-06 | 6.989785717 | PODXL |
| KIF5A | -1.05881588 | 5.899111333 | -7.41726293 | 1.97E-07 | 3.45E-06 | 6.97427384 | KIF5A |
| SYNPO2 | 1.961663296 | 9.321105072 | 7.416637234 | 1.98E-07 | 3.45E-06 | 6.972904029 | SYNPO2 |
| LOC100288570 | -1.19616859 | 7.220177206 | -7.40935 | 2.01E-07 | 3.50E-06 | 6.95694661 | LOC100288570 |
| C4BPB | 1.421662794 | 6.013668788 | 7.409051325 | 2.01E-07 | 3.50E-06 | 6.956292433 | C4BPB |
| SLC25A15 | -1.03303488 | 6.898399494 | -7.39187672 | 2.09E-07 | 3.62E-06 | 6.918655482 | SLC25A15 |
| DDIAS | -1.0434352 | 5.93851137 | -7.38986263 | 2.09E-07 | 3.64E-06 | 6.914239185 | DDIAS |
| CKAP2 | -1.87535922 | 7.058601172 | -7.38769506 | 2.10E-07 | 3.65E-06 | 6.909485777 | CKAP2 |
| ANLN | -2.0310892 | 5.877506495 | -7.38761363 | 2.10E-07 | 3.65E-06 | 6.909307185 | ANLN |
| SIGLEC16 | 1.490009627 | 5.997013385 | 7.378746855 | 2.15E-07 | 3.72E-06 | 6.88985606 | SIGLEC16 |
| COL4A3 | 1.633006916 | 4.936276385 | 7.373161262 | 2.17E-07 | 3.75E-06 | 6.877597573 | COL4A3 |
| MAP2 | 1.605411616 | 6.57017693 | 7.364861853 | 2.21E-07 | 3.81E-06 | 6.85937559 | MAP2 |
| CPM | -3.31605581 | 9.023887355 | -7.36429474 | 2.21E-07 | 3.81E-06 | 6.858130117 | CPM |
| ITGA6 | -1.43626267 | 8.525662121 | -7.34758415 | 2.30E-07 | 3.91E-06 | 6.821412006 | ITGA6 |
| CBX7 | 1.414448804 | 8.216491442 | 7.346569637 | 2.30E-07 | 3.91E-06 | 6.819181639 | CBX7 |
| PATJ | -1.17207727 | 6.838615591 | -7.34457465 | 2.31E-07 | 3.92E-06 | 6.814795352 | PATJ |
| VSIG4 | 1.349722751 | 6.955175996 | 7.336266206 | 2.35E-07 | 3.98E-06 | 6.79652228 | VSIG4 |
| CCDC146 | -1.62568352 | 7.162617614 | -7.33391383 | 2.36E-07 | 4.00E-06 | 6.79134696 | CCDC146 |
| MND1 | -1.39950077 | 4.976977566 | -7.32942212 | 2.39E-07 | 4.03E-06 | 6.781463014 | MND1 |
| CCL26 | 1.334882422 | 5.592924992 | 7.32597583 | 2.41E-07 | 4.05E-06 | 6.773877715 | CCL26 |
| SERPINF1 | 1.263349623 | 10.73947406 | 7.32481894 | 2.41E-07 | 4.06E-06 | 6.771331042 | SERPINF1 |
| IGDCC4 | 1.487876762 | 6.867363598 | 7.314886513 | 2.46E-07 | 4.14E-06 | 6.749459477 | IGDCC4 |
| SPC25 | -1.87733151 | 4.958380938 | -7.30918114 | 2.49E-07 | 4.17E-06 | 6.736890186 | SPC25 |
| GPSM2 | -1.00926823 | 6.129023397 | -7.3058723 | 2.51E-07 | 4.19E-06 | 6.729598643 | GPSM2 |
| CTNNAL1 | 1.343096452 | 8.870407841 | 7.274733551 | 2.69E-07 | 4.44E-06 | 6.660909421 | CTNNAL1 |
| PAQR8 | 1.134868411 | 7.657644145 | 7.261724956 | 2.77E-07 | 4.55E-06 | 6.632176095 | PAQR8 |
| ZMAT1 | 1.43690495 | 6.151094579 | 7.258970832 | 2.78E-07 | 4.58E-06 | 6.626089964 | ZMAT1 |
| GALNT12 | -2.09449823 | 6.454192352 | -7.25298939 | 2.82E-07 | 4.63E-06 | 6.612868616 | GALNT12 |
| ECEL1 | 1.454470381 | 6.943739917 | 7.250518575 | 2.83E-07 | 4.65E-06 | 6.607405772 | ECEL1 |
| LRRC1 | -1.12427858 | 6.270978722 | -7.24899926 | 2.84E-07 | 4.66E-06 | 6.604046243 | LRRC1 |
| NUP62CL | -1.32898599 | 4.444898499 | -7.24210737 | 2.89E-07 | 4.71E-06 | 6.588803068 | NUP62CL |
| NCAPG2 | -1.05518132 | 6.099959487 | -7.24171625 | 2.89E-07 | 4.72E-06 | 6.587937833 | NCAPG2 |
| CREBRF | 1.373602316 | 8.057132615 | 7.238068642 | 2.91E-07 | 4.75E-06 | 6.57986752 | CREBRF |
| SORD | -2.2897485 | 7.967057707 | -7.23731527 | 2.92E-07 | 4.75E-06 | 6.578200482 | SORD |
| NRN1 | 1.175988846 | 6.035520973 | 7.236132199 | 2.93E-07 | 4.76E-06 | 6.575582447 | NRN1 |
| SSX2IP | -1.03262296 | 6.46001671 | -7.23310337 | 2.94E-07 | 4.78E-06 | 6.5688791 | SSX2IP |
| PLXNA4 | 1.081229699 | 6.150325087 | 7.225585966 | 2.99E-07 | 4.85E-06 | 6.552236561 | PLXNA4 |
| SPAG5 | -1.23955018 | 6.294168524 | -7.22196568 | 3.02E-07 | 4.89E-06 | 6.544219095 | SPAG5 |
| AHR | 1.023571316 | 8.165849755 | 7.220041655 | 3.03E-07 | 4.90E-06 | 6.539957475 | AHR |
| KIF21A | -1.40027766 | 7.334445976 | -7.20923259 | 3.10E-07 | 5.01E-06 | 6.516006933 | KIF21A |
| TFAP2C | -1.54112578 | 6.722906382 | -7.20546416 | 3.13E-07 | 5.04E-06 | 6.507653358 | TFAP2C |
| COLEC12 | 1.33070358 | 6.932520096 | 7.201958764 | 3.15E-07 | 5.07E-06 | 6.499881178 | COLEC12 |
| C9orf24 | -1.67777843 | 6.101939532 | -7.1873342 | 3.25E-07 | 5.21E-06 | 6.46743835 | C9orf24 |
| UBE2T | -1.92845438 | 6.179993413 | -7.17177384 | 3.37E-07 | 5.37E-06 | 6.432889091 | UBE2T |
| MPPED2 | -1.97457605 | 5.991955279 | -7.16956934 | 3.38E-07 | 5.39E-06 | 6.427991821 | MPPED2 |
| MCM8 | -1.0130331 | 5.971983861 | -7.16893397 | 3.39E-07 | 5.39E-06 | 6.426580223 | MCM8 |
| GLA | -2.09558115 | 8.876214763 | -7.16035216 | 3.45E-07 | 5.48E-06 | 6.407509142 | GLA |
| SMC4 | -1.33921806 | 8.282866245 | -7.1366026 | 3.64E-07 | 5.73E-06 | 6.354681552 | SMC4 |
| CENPH | -1.1579969 | 5.634495713 | -7.1356557 | 3.64E-07 | 5.74E-06 | 6.352573795 | CENPH |
| PGRMC1 | -1.54122568 | 10.87386536 | -7.119842 | 3.77E-07 | 5.91E-06 | 6.317356095 | PGRMC1 |
| NR0B1 | 1.113081771 | 5.438513686 | 7.118349506 | 3.79E-07 | 5.93E-06 | 6.314030592 | NR0B1 |
| ABCA1 | 1.247345104 | 8.217051751 | 7.108907091 | 3.87E-07 | 6.04E-06 | 6.292984795 | ABCA1 |
| TPK1 | 1.059852387 | 5.888072308 | 7.106590789 | 3.89E-07 | 6.06E-06 | 6.287820335 | TPK1 |
| CITED2 | 2.034838377 | 8.84295054 | 7.09974236 | 3.94E-07 | 6.13E-06 | 6.27254694 | CITED2 |
| SLCO2B1 | 1.041996364 | 7.057113252 | 7.099616671 | 3.95E-07 | 6.13E-06 | 6.272266571 | SLCO2B1 |
| CDKN3 | -2.12771884 | 6.514193583 | -7.09092826 | 4.02E-07 | 6.20E-06 | 6.25288081 | CDKN3 |
| SPAG1 | -1.30359426 | 4.99314836 | -7.08636626 | 4.06E-07 | 6.25E-06 | 6.242698105 | SPAG1 |
| TMEM110-MUSTN1 | 1.502509699 | 6.742189149 | 7.076247253 | 4.15E-07 | 6.36E-06 | 6.220102233 | TMEM110-MUSTN1 |
| NCAPD2 | -1.0495329 | 6.738221083 | -7.07444239 | 4.17E-07 | 6.38E-06 | 6.216070578 | NCAPD2 |
| ING2 | 1.370418096 | 7.862889878 | 7.072347049 | 4.19E-07 | 6.40E-06 | 6.211389516 | ING2 |
| PLA2G4A | -1.56427192 | 6.222352478 | -7.06886345 | 4.22E-07 | 6.44E-06 | 6.203605805 | PLA2G4A |
| ANTXR2 | 1.459166037 | 8.895704551 | 7.068009852 | 4.23E-07 | 6.44E-06 | 6.201698306 | ANTXR2 |
| GINS2 | -1.51874277 | 6.72441337 | -7.0665025 | 4.24E-07 | 6.46E-06 | 6.198329649 | GINS2 |
| COL10A1 | 2.273368892 | 6.808161334 | 7.062753164 | 4.28E-07 | 6.50E-06 | 6.189949314 | COL10A1 |
| PAX8 | -1.05488407 | 8.315169944 | -7.06034625 | 4.30E-07 | 6.54E-06 | 6.184568543 | PAX8 |
| EDNRA | -1.30363106 | 9.50050981 | -7.0576976 | 4.33E-07 | 6.56E-06 | 6.178646516 | EDNRA |
| BTBD3 | -1.20853402 | 8.550400435 | -7.05411815 | 4.36E-07 | 6.60E-06 | 6.170641884 | BTBD3 |
| CCNB2 | -2.0640241 | 6.247971666 | -7.04932318 | 4.41E-07 | 6.66E-06 | 6.15991647 | CCNB2 |
| C20orf85 | -2.0715005 | 5.867568191 | -7.04837742 | 4.42E-07 | 6.67E-06 | 6.157800641 | C20orf85 |
| PTGDR | 1.69700723 | 5.485702177 | 7.042497645 | 4.48E-07 | 6.74E-06 | 6.144644014 | PTGDR |
| HLF | 1.681667508 | 6.311990797 | 7.040201948 | 4.50E-07 | 6.76E-06 | 6.139505944 | HLF |
| PPARG | 1.329712301 | 6.123328646 | 7.03167177 | 4.58E-07 | 6.87E-06 | 6.120408389 | PPARG |
| LMNB1 | -1.84348684 | 6.661014053 | -7.02884395 | 4.61E-07 | 6.91E-06 | 6.114075353 | LMNB1 |
| MMP16 | -1.60996301 | 7.324325512 | -7.00479272 | 4.86E-07 | 7.24E-06 | 6.060170264 | MMP16 |
| ATP8B3 | -2.0961801 | 6.181302904 | -7.00228166 | 4.89E-07 | 7.26E-06 | 6.054538072 | ATP8B3 |
| SOD3 | 1.420721725 | 7.345741525 | 7.002087422 | 4.89E-07 | 7.26E-06 | 6.054102372 | SOD3 |
| CDCA8 | -1.20455264 | 6.556724112 | -6.99469714 | 4.97E-07 | 7.35E-06 | 6.037521477 | CDCA8 |
| FAS | 1.103363137 | 7.834787743 | 6.991426965 | 5.01E-07 | 7.40E-06 | 6.030182283 | FAS |
| KMO | -3.36390855 | 6.775383304 | -6.97134135 | 5.24E-07 | 7.68E-06 | 5.985074664 | KMO |
| AGR3 | -2.88996481 | 6.178929018 | -6.96243205 | 5.34E-07 | 7.80E-06 | 5.965050086 | AGR3 |
| SMIM3 | 1.177850483 | 7.337229892 | 6.962307078 | 5.34E-07 | 7.80E-06 | 5.964769131 | SMIM3 |
| GGH | -1.68324182 | 6.64850503 | -6.95354116 | 5.45E-07 | 7.95E-06 | 5.945056875 | GGH |
| RNASE6 | 1.252681883 | 6.804011474 | 6.951483619 | 5.47E-07 | 7.98E-06 | 5.940428588 | RNASE6 |
| MLPH | -1.16076307 | 7.672308328 | -6.94875764 | 5.51E-07 | 8.02E-06 | 5.934295889 | MLPH |
| PEMT | -1.18957568 | 7.577457563 | -6.94426415 | 5.56E-07 | 8.08E-06 | 5.924184708 | PEMT |
| TNNC1 | -1.1906978 | 5.41195025 | -6.94110427 | 5.60E-07 | 8.12E-06 | 5.917072874 | TNNC1 |
| STRA6 | -1.20997317 | 7.321370747 | -6.93885806 | 5.63E-07 | 8.16E-06 | 5.912016644 | STRA6 |
| PGM5 | 2.247061171 | 7.077832103 | 6.933184287 | 5.70E-07 | 8.23E-06 | 5.899242117 | PGM5 |
| MEOX2 | 1.584945761 | 4.561838209 | 6.922819275 | 5.83E-07 | 8.38E-06 | 5.875894752 | MEOX2 |
| KIAA0895 | 1.272358957 | 5.490408462 | 6.920384849 | 5.87E-07 | 8.41E-06 | 5.870409204 | KIAA0895 |
| ADAMTS3 | 1.088333418 | 5.382082711 | 6.914341218 | 5.95E-07 | 8.50E-06 | 5.856787729 | ADAMTS3 |
| SCG2 | 1.989854031 | 5.509732317 | 6.899644335 | 6.14E-07 | 8.76E-06 | 5.823643907 | SCG2 |
| POLE2 | -1.19010386 | 6.425972635 | -6.8822969 | 6.39E-07 | 9.05E-06 | 5.784487782 | POLE2 |
| ANTXR1 | 1.115913392 | 10.18282617 | 6.881477521 | 6.40E-07 | 9.06E-06 | 5.782637374 | ANTXR1 |
| GJA5 | 1.429357321 | 5.487230467 | 6.878434317 | 6.44E-07 | 9.10E-06 | 5.775764146 | GJA5 |
| PRSS12 | -1.71934261 | 6.740401735 | -6.87187642 | 6.54E-07 | 9.23E-06 | 5.760948864 | PRSS12 |
| LOC101927705 | -1.48297673 | 8.162847286 | -6.87037935 | 6.56E-07 | 9.25E-06 | 5.757566012 | LOC101927705 |
| FAM13C | 1.270674583 | 6.825964475 | 6.866253471 | 6.62E-07 | 9.32E-06 | 5.748241491 | FAM13C |
| HMGB2 | -1.20946522 | 9.923793751 | -6.85887826 | 6.73E-07 | 9.47E-06 | 5.731568182 | HMGB2 |
| PTTG1 | -1.66115423 | 7.83744429 | -6.85501743 | 6.79E-07 | 9.54E-06 | 5.722837189 | PTTG1 |
| NTN1 | -1.08064019 | 6.019070837 | -6.8546879 | 6.79E-07 | 9.54E-06 | 5.722091893 | NTN1 |
| PLOD2 | 1.49561747 | 8.47153092 | 6.848305148 | 6.89E-07 | 9.65E-06 | 5.707653443 | PLOD2 |
| HEG1 | 1.211031721 | 9.022748902 | 6.840085681 | 7.02E-07 | 9.80E-06 | 5.689052667 | HEG1 |
| MUC1 | -1.44801544 | 7.96548973 | -6.84000356 | 7.02E-07 | 9.80E-06 | 5.688866782 | MUC1 |
| TXLNB | 1.169569581 | 4.072794855 | 6.839050315 | 7.03E-07 | 9.82E-06 | 5.686709021 | TXLNB |
| SHISA2 | 1.231030519 | 4.76218571 | 6.820210119 | 7.34E-07 | 1.02E-05 | 5.644039258 | SHISA2 |
| IFI44 | 1.020988056 | 7.088894908 | 6.818855311 | 7.36E-07 | 1.02E-05 | 5.640969154 | IFI44 |
| CCL8 | 1.609948372 | 5.733467722 | 6.807759116 | 7.54E-07 | 1.04E-05 | 5.615815731 | CCL8 |
| LMNB2 | -1.15891978 | 7.576944494 | -6.79724022 | 7.72E-07 | 1.06E-05 | 5.591956878 | LMNB2 |
| PPA1 | -1.18798783 | 10.56853893 | -6.79144218 | 7.82E-07 | 1.07E-05 | 5.578799974 | PPA1 |
| LINC00621 | -1.96463063 | 8.815986922 | -6.77515553 | 8.11E-07 | 1.11E-05 | 5.541820149 | LINC00621 |
| RRAD | 1.089222685 | 6.05432562 | 6.760387472 | 8.39E-07 | 1.14E-05 | 5.508260126 | RRAD |
| LOC100996809 | 1.285622775 | 9.923716988 | 6.755574241 | 8.48E-07 | 1.15E-05 | 5.497316392 | LOC100996809 |
| ARHGAP22 | 1.368108879 | 5.473790392 | 6.751928159 | 8.55E-07 | 1.16E-05 | 5.489024486 | ARHGAP22 |
| NCAPG | -1.78435886 | 5.518708199 | -6.74682733 | 8.65E-07 | 1.17E-05 | 5.477421457 | NCAPG |
| LYPLA1 | -1.08291547 | 8.831514761 | -6.74149207 | 8.75E-07 | 1.18E-05 | 5.46528176 | LYPLA1 |
| PSAT1 | -2.16885121 | 6.182190602 | -6.74058782 | 8.77E-07 | 1.18E-05 | 5.463223908 | PSAT1 |
| NPAS3 | -2.43597592 | 6.69618677 | -6.73632276 | 8.85E-07 | 1.19E-05 | 5.453516326 | NPAS3 |
| CCDC113 | -1.40558769 | 5.660516461 | -6.72416164 | 9.10E-07 | 1.22E-05 | 5.425824547 | CCDC113 |
| PANK1 | -1.0619829 | 5.89813486 | -6.72387103 | 9.11E-07 | 1.22E-05 | 5.425162588 | PANK1 |
| PLCL1 | 1.597310167 | 6.003278829 | 6.721810362 | 9.15E-07 | 1.23E-05 | 5.420468419 | PLCL1 |
| ME1 | 1.011517148 | 7.265040286 | 6.706932822 | 9.46E-07 | 1.26E-05 | 5.386562316 | ME1 |
| PBXIP1 | 1.004827524 | 8.75282626 | 6.698391743 | 9.64E-07 | 1.28E-05 | 5.36708491 | PBXIP1 |
| FBXL13 | 1.833666906 | 5.840357227 | 6.694816971 | 9.72E-07 | 1.29E-05 | 5.35893023 | FBXL13 |
| MS4A4A | 2.210105128 | 6.493335725 | 6.689453556 | 9.84E-07 | 1.30E-05 | 5.346692429 | MS4A4A |
| MNDA | 1.55649267 | 5.754074839 | 6.688656207 | 9.86E-07 | 1.30E-05 | 5.344872807 | MNDA |
| KIF14 | -1.43879372 | 5.126556758 | -6.68448067 | 9.95E-07 | 1.31E-05 | 5.335342599 | KIF14 |
| FAM63B | 1.333457447 | 7.605888662 | 6.684175699 | 9.96E-07 | 1.31E-05 | 5.334646442 | FAM63B |
| ANOS1 | 1.202222933 | 6.145026119 | 6.677471883 | 1.01E-06 | 1.33E-05 | 5.31934103 | ANOS1 |
| HSPA6 | 1.729852786 | 6.639667065 | 6.673727697 | 1.02E-06 | 1.34E-05 | 5.310790349 | HSPA6 |
| ADAMTS9-AS2 | 1.502738235 | 7.600937504 | 6.654351422 | 1.07E-06 | 1.39E-05 | 5.266513244 | ADAMTS9-AS2 |
| BRI3BP | -1.11208507 | 6.945417428 | -6.65336519 | 1.07E-06 | 1.39E-05 | 5.264258379 | BRI3BP |
| CADM1 | -1.57374183 | 8.592736635 | -6.65128904 | 1.07E-06 | 1.39E-05 | 5.259511182 | CADM1 |
| MMP11 | -2.20434905 | 9.342715958 | -6.64526606 | 1.09E-06 | 1.41E-05 | 5.245736502 | MMP11 |
| GNAL | 1.136431766 | 6.632106538 | 6.64170346 | 1.10E-06 | 1.42E-05 | 5.237586715 | GNAL |
| LRRC2 | 1.354654418 | 5.582457459 | 6.631469779 | 1.12E-06 | 1.45E-05 | 5.214167688 | LRRC2 |
| TMCC3 | 1.181798847 | 6.701353082 | 6.618485505 | 1.16E-06 | 1.48E-05 | 5.184436044 | TMCC3 |
| EDIL3 | 1.397176598 | 9.037494747 | 6.605590038 | 1.19E-06 | 1.52E-05 | 5.154887775 | EDIL3 |
| BORA | -1.0834422 | 5.763923892 | -6.60453667 | 1.19E-06 | 1.53E-05 | 5.152473252 | BORA |
| CDC6 | -1.04688563 | 5.456940931 | -6.59593543 | 1.22E-06 | 1.55E-05 | 5.132752505 | CDC6 |
| PDGFRA | 1.273086136 | 10.85939551 | 6.59496775 | 1.22E-06 | 1.55E-05 | 5.130533285 | PDGFRA |
| ATP8A1 | 1.00585277 | 6.149743306 | 6.587855486 | 1.24E-06 | 1.57E-05 | 5.114218965 | ATP8A1 |
| OSMR | 1.555070068 | 8.247292589 | 6.584747251 | 1.25E-06 | 1.58E-05 | 5.107087312 | OSMR |
| INHBA | 2.832952697 | 6.811782909 | 6.582384025 | 1.25E-06 | 1.59E-05 | 5.101664271 | INHBA |
| FGD4 | 1.24889421 | 7.120246553 | 6.580997187 | 1.26E-06 | 1.59E-05 | 5.098481497 | FGD4 |
| PDZD2 | 1.675069716 | 7.410332624 | 6.551490337 | 1.34E-06 | 1.69E-05 | 5.03070967 | PDZD2 |
| PDE3A | 1.021183331 | 6.779241971 | 6.547088011 | 1.36E-06 | 1.70E-05 | 5.020589507 | PDE3A |
| IL7R | 1.191747063 | 6.820936382 | 6.529020402 | 1.42E-06 | 1.76E-05 | 4.979031381 | IL7R |
| TLR5 | 1.012043304 | 6.681148575 | 6.519359085 | 1.45E-06 | 1.79E-05 | 4.956793204 | TLR5 |
| ADCYAP1R1 | -1.49503264 | 6.318190577 | -6.50953612 | 1.48E-06 | 1.83E-05 | 4.934171727 | ADCYAP1R1 |
| PRDM1 | -2.13691028 | 8.515266676 | -6.50786879 | 1.48E-06 | 1.84E-05 | 4.930330898 | PRDM1 |
| NEFH | 1.10770012 | 6.202791722 | 6.507357815 | 1.49E-06 | 1.84E-05 | 4.929153749 | NEFH |
| CLEC2B | 1.465443075 | 8.856663784 | 6.498468273 | 1.52E-06 | 1.87E-05 | 4.908669886 | CLEC2B |
| CDC42EP3 | 1.464005184 | 8.130867879 | 6.492057846 | 1.54E-06 | 1.89E-05 | 4.893892841 | CDC42EP3 |
| SHCBP1 | -1.9592284 | 5.182578699 | -6.48777407 | 1.55E-06 | 1.91E-05 | 4.884015397 | SHCBP1 |
| LOC101060835 | 1.252650932 | 10.11939676 | 6.485072828 | 1.56E-06 | 1.92E-05 | 4.877785822 | LOC101060835 |
| ODC1 | -1.01858133 | 9.242217786 | -6.46917276 | 1.62E-06 | 1.98E-05 | 4.841100118 | ODC1 |
| SCUBE2 | -1.65226903 | 7.429765751 | -6.46744533 | 1.63E-06 | 1.98E-05 | 4.837112706 | SCUBE2 |
| LTBP3 | 1.027033943 | 8.492211351 | 6.466669189 | 1.63E-06 | 1.98E-05 | 4.835321033 | LTBP3 |
| BEX2 | 1.176125375 | 7.658874728 | 6.455534723 | 1.67E-06 | 2.03E-05 | 4.809610177 | BEX2 |
| MAG | 1.056500407 | 5.667239188 | 6.452408547 | 1.69E-06 | 2.05E-05 | 4.802388876 | MAG |
| SLITRK6 | -1.87690807 | 6.037230019 | -6.43479459 | 1.75E-06 | 2.11E-05 | 4.761680524 | SLITRK6 |
| PARD6B | -1.03079515 | 5.230996911 | -6.43009676 | 1.77E-06 | 2.13E-05 | 4.750817146 | PARD6B |
| COL5A1 | -1.18153177 | 9.820267128 | -6.418467 | 1.82E-06 | 2.18E-05 | 4.723913299 | COL5A1 |
| SYNE3 | 1.203786434 | 6.250869409 | 6.379800781 | 1.99E-06 | 2.36E-05 | 4.634353406 | SYNE3 |
| INS-IGF2 | -1.56821549 | 9.425874297 | -6.37510076 | 2.01E-06 | 2.38E-05 | 4.623455507 | INS-IGF2 |
| MIR6884 | -1.1929878 | 7.559927421 | -6.35964365 | 2.08E-06 | 2.45E-05 | 4.587597593 | MIR6884 |
| IRS2 | 1.759492205 | 8.346751797 | 6.354555073 | 2.11E-06 | 2.48E-05 | 4.57578705 | IRS2 |
| MUC16 | -2.09987813 | 6.758742153 | -6.33516922 | 2.20E-06 | 2.58E-05 | 4.530766024 | MUC16 |
| HSD17B6 | 1.21460941 | 5.564007169 | 6.332188431 | 2.22E-06 | 2.59E-05 | 4.523839812 | HSD17B6 |
| FLJ16734 | -1.39830978 | 6.057913295 | -6.33181561 | 2.22E-06 | 2.59E-05 | 4.522973456 | FLJ16734 |
| OIP5 | -1.29316937 | 5.594312369 | -6.330849 | 2.23E-06 | 2.60E-05 | 4.520727173 | OIP5 |
| CCNE2 | -1.75556853 | 5.180033273 | -6.32687612 | 2.25E-06 | 2.61E-05 | 4.511493562 | CCNE2 |
| DOCK11 | 1.050344347 | 6.940006311 | 6.315722162 | 2.31E-06 | 2.66E-05 | 4.485560626 | DOCK11 |
| FEN1 | -1.32248142 | 7.134285385 | -6.30969829 | 2.34E-06 | 2.69E-05 | 4.471549367 | FEN1 |
| ACKR1 | 1.145962154 | 6.776533425 | 6.309215945 | 2.34E-06 | 2.69E-05 | 4.470427284 | ACKR1 |
| CHRM3 | 1.056527468 | 5.880813078 | 6.306430768 | 2.35E-06 | 2.71E-05 | 4.463947576 | CHRM3 |
| TBX3 | -1.02722045 | 8.517623839 | -6.29264276 | 2.43E-06 | 2.79E-05 | 4.431857144 | TBX3 |
| LEFTY1 | 1.344613489 | 6.916194762 | 6.290952445 | 2.44E-06 | 2.80E-05 | 4.427921631 | LEFTY1 |
| GJA4 | -1.20481716 | 7.366939259 | -6.27626374 | 2.52E-06 | 2.88E-05 | 4.393709072 | GJA4 |
| CTHRC1 | 1.766845289 | 8.747478309 | 6.275192801 | 2.53E-06 | 2.89E-05 | 4.391213731 | CTHRC1 |
| HTRA3 | 1.229773205 | 7.218253856 | 6.2697954 | 2.56E-06 | 2.92E-05 | 4.378635638 | HTRA3 |
| C2orf74 | 1.031440333 | 6.794908418 | 6.268434158 | 2.57E-06 | 2.92E-05 | 4.375462897 | C2orf74 |
| LOC101927263 | -1.0763398 | 7.083997549 | -6.24835355 | 2.69E-06 | 3.03E-05 | 4.328636068 | LOC101927263 |
| S1PR3 | -1.64372257 | 7.678484618 | -6.2401142 | 2.74E-06 | 3.08E-05 | 4.309409668 | S1PR3 |
| DEGS2 | -1.02361812 | 6.010927185 | -6.23255079 | 2.79E-06 | 3.12E-05 | 4.291754044 | DEGS2 |
| MAP3K5 | 1.970234821 | 8.293735286 | 6.227115015 | 2.83E-06 | 3.16E-05 | 4.279061226 | MAP3K5 |
| TDGF1P3 | 1.638326405 | 7.197808326 | 6.226337112 | 2.83E-06 | 3.16E-05 | 4.277244521 | TDGF1P3 |
| SLC26A2 | -1.44949528 | 8.729790935 | -6.2152316 | 2.91E-06 | 3.24E-05 | 4.251301712 | SLC26A2 |
| SLC2A1 | -1.21593371 | 7.253818046 | -6.21523076 | 2.91E-06 | 3.24E-05 | 4.251299755 | SLC2A1 |
| PTGER3 | 1.531227317 | 5.848952105 | 6.201482116 | 3.00E-06 | 3.32E-05 | 4.21916408 | PTGER3 |
| FCGR1B | 1.40247994 | 6.122012616 | 6.19559067 | 3.04E-06 | 3.36E-05 | 4.205387373 | FCGR1B |
| PNOC | 2.395069954 | 6.500498045 | 6.176352336 | 3.18E-06 | 3.50E-05 | 4.160374116 | PNOC |
| ANK3 | -1.06920084 | 8.462123966 | -6.16359982 | 3.28E-06 | 3.59E-05 | 4.13051445 | ANK3 |
| SYNE2 | 1.256334705 | 8.218544284 | 6.163501156 | 3.28E-06 | 3.59E-05 | 4.130283364 | SYNE2 |
| CENPN | -1.44960944 | 6.217345288 | -6.15912246 | 3.31E-06 | 3.62E-05 | 4.120026738 | CENPN |
| PSRC1 | -1.17584606 | 6.35451404 | -6.14784143 | 3.40E-06 | 3.70E-05 | 4.093592826 | PSRC1 |
| SIAH3 | -1.13116339 | 4.236733404 | -6.13699202 | 3.48E-06 | 3.77E-05 | 4.068157621 | SIAH3 |
| TMEM158 | -1.61175312 | 7.186424892 | -6.13612332 | 3.49E-06 | 3.78E-05 | 4.066120506 | TMEM158 |
| MIR99AHG | 1.490925073 | 7.266434034 | 6.132895636 | 3.52E-06 | 3.80E-05 | 4.0585509 | MIR99AHG |
| KIF18A | -1.0723039 | 4.305291633 | -6.13048969 | 3.54E-06 | 3.82E-05 | 4.052907735 | KIF18A |
| SLC7A2 | 1.005733446 | 8.476595166 | 6.130090005 | 3.54E-06 | 3.82E-05 | 4.051970203 | SLC7A2 |
| FAR2P3 | -1.51765497 | 6.491172636 | -6.12062127 | 3.62E-06 | 3.89E-05 | 4.02975491 | FAR2P3 |
| ATP5G3 | -1.1019191 | 10.74002617 | -6.10296891 | 3.77E-06 | 4.03E-05 | 3.988314434 | ATP5G3 |
| CHI3L1 | 3.250855282 | 6.276196893 | 6.101647304 | 3.78E-06 | 4.04E-05 | 3.985210554 | CHI3L1 |
| PABPC4L | -1.32516041 | 7.277173935 | -6.06473573 | 4.12E-06 | 4.36E-05 | 3.898448265 | PABPC4L |
| CYS1 | 1.331403945 | 6.327085014 | 6.052424587 | 4.24E-06 | 4.47E-05 | 3.86947933 | CYS1 |
| UBE2S | -1.21780144 | 7.683180219 | -6.03833874 | 4.38E-06 | 4.60E-05 | 3.836315509 | UBE2S |
| TRH | -2.14756659 | 7.135745365 | -6.02714539 | 4.50E-06 | 4.69E-05 | 3.809947504 | TRH |
| ITGB8 | -1.75172363 | 8.563845395 | -6.02504581 | 4.52E-06 | 4.71E-05 | 3.805000164 | ITGB8 |
| CPA3 | 1.33290251 | 6.834652653 | 6.00844035 | 4.70E-06 | 4.88E-05 | 3.765856236 | CPA3 |
| PTN | -1.35249672 | 8.214688709 | -6.00727637 | 4.71E-06 | 4.88E-05 | 3.763111357 | PTN |
| TM4SF1 | 1.20102837 | 9.259616892 | 6.004847998 | 4.74E-06 | 4.90E-05 | 3.757384385 | TM4SF1 |
| MCAM | 1.002496738 | 7.836169582 | 6.000763828 | 4.79E-06 | 4.94E-05 | 3.747751118 | MCAM |
| C9orf135 | -1.72234413 | 5.456998174 | -6.00028689 | 4.79E-06 | 4.94E-05 | 3.746626072 | C9orf135 |
| C1orf194 | -1.02498539 | 5.87318362 | -5.97893006 | 5.04E-06 | 5.13E-05 | 3.696224091 | C1orf194 |
| KLRC2 | -1.73714528 | 5.676993676 | -5.95913428 | 5.27E-06 | 5.33E-05 | 3.649466016 | KLRC2 |
| RERGL | 2.163293964 | 5.983083204 | 5.956852179 | 5.30E-06 | 5.35E-05 | 3.644073183 | RERGL |
| ITGBL1 | 2.378913445 | 5.415582866 | 5.95556354 | 5.32E-06 | 5.36E-05 | 3.641027773 | ITGBL1 |
| GPAT3 | 1.590146618 | 6.184270466 | 5.954450494 | 5.33E-06 | 5.37E-05 | 3.638397207 | GPAT3 |
| CLSTN2 | 1.254432203 | 7.389552344 | 5.947059513 | 5.43E-06 | 5.46E-05 | 3.620926351 | CLSTN2 |
| LOC729732 | -1.55345574 | 7.678661708 | -5.92933778 | 5.66E-06 | 5.67E-05 | 3.579013998 | LOC729732 |
| KIT | 1.211297685 | 7.127939891 | 5.928387113 | 5.67E-06 | 5.68E-05 | 3.576764796 | KIT |
| AHNAK | 1.074588491 | 9.790310553 | 5.919397735 | 5.79E-06 | 5.78E-05 | 3.55549229 | AHNAK |
| IGHM | 2.15981124 | 7.20654911 | 5.912540783 | 5.88E-06 | 5.86E-05 | 3.539260756 | IGHM |
| OLFML2B | -1.15998491 | 7.442924365 | -5.91174707 | 5.89E-06 | 5.86E-05 | 3.537381607 | OLFML2B |
| EDN3 | -1.98221845 | 6.544530031 | -5.91056388 | 5.91E-06 | 5.87E-05 | 3.534580264 | EDN3 |
| OCLN | -1.28390744 | 6.873081921 | -5.90290821 | 6.02E-06 | 5.96E-05 | 3.516451274 | OCLN |
| GJB6 | -1.54127134 | 4.726177727 | -5.90181563 | 6.03E-06 | 5.98E-05 | 3.51386354 | GJB6 |
| MAMDC2 | 1.689382468 | 6.919026771 | 5.898092445 | 6.09E-06 | 6.02E-05 | 3.50504447 | MAMDC2 |
| LSM4 | -1.03195217 | 8.338867149 | -5.88887773 | 6.22E-06 | 6.14E-05 | 3.483211993 | LSM4 |
| C11orf96 | 1.892704929 | 10.07600909 | 5.874803895 | 6.43E-06 | 6.32E-05 | 3.449851325 | C11orf96 |
| IQCG | 1.256507246 | 6.957468966 | 5.874025036 | 6.44E-06 | 6.33E-05 | 3.448004569 | IQCG |
| TCEA3 | 1.339081559 | 7.228967615 | 5.866327631 | 6.56E-06 | 6.43E-05 | 3.429750181 | TCEA3 |
| RSPH1 | -1.66573173 | 6.733407245 | -5.86145772 | 6.63E-06 | 6.48E-05 | 3.418198323 | RSPH1 |
| LRRC17 | 1.755368226 | 8.193912063 | 5.846812159 | 6.87E-06 | 6.65E-05 | 3.383444512 | LRRC17 |
| TPSB2 | 1.269559564 | 7.31878746 | 5.846670387 | 6.87E-06 | 6.65E-05 | 3.38310799 | TPSB2 |
| DOK7 | -1.4672436 | 6.063701634 | -5.84576741 | 6.88E-06 | 6.66E-05 | 3.380964569 | DOK7 |
| MYRIP | 1.294509965 | 5.540831063 | 5.845191197 | 6.89E-06 | 6.66E-05 | 3.379596759 | MYRIP |
| CLDN1 | 1.324200182 | 6.434888077 | 5.844901383 | 6.90E-06 | 6.66E-05 | 3.378908787 | CLDN1 |
| FBXO5 | -1.08695387 | 6.572137452 | -5.81613271 | 7.38E-06 | 7.06E-05 | 3.310578282 | FBXO5 |
| UCHL1 | 1.350895227 | 8.18935049 | 5.815411854 | 7.39E-06 | 7.07E-05 | 3.308865153 | UCHL1 |
| COL11A1 | 2.011225475 | 6.347282052 | 5.814870046 | 7.40E-06 | 7.07E-05 | 3.307577504 | COL11A1 |
| NFIA | 1.024687672 | 9.236212789 | 5.793289733 | 7.79E-06 | 7.40E-05 | 3.256268648 | NFIA |
| GPM6A | 2.264650841 | 5.653661928 | 5.787795945 | 7.89E-06 | 7.48E-05 | 3.243200044 | GPM6A |
| SLC39A8 | -1.04320924 | 7.741185572 | -5.77241073 | 8.18E-06 | 7.70E-05 | 3.206587399 | SLC39A8 |
| PMEPA1 | -1.54931141 | 8.676451817 | -5.75160519 | 8.60E-06 | 8.02E-05 | 3.157042497 | PMEPA1 |
| C1QA | 1.434780237 | 8.139277226 | 5.745397485 | 8.72E-06 | 8.12E-05 | 3.142252507 | C1QA |
| ZNF25 | 1.059819901 | 7.121934552 | 5.739658495 | 8.84E-06 | 8.21E-05 | 3.128576256 | ZNF25 |
| WEE1 | -1.14459946 | 8.036663565 | -5.73959606 | 8.84E-06 | 8.21E-05 | 3.128427462 | WEE1 |
| MS4A6A | 1.152309671 | 7.576545958 | 5.739115269 | 8.85E-06 | 8.21E-05 | 3.127281576 | MS4A6A |
| NUPR1 | 1.123919745 | 8.914854185 | 5.73862305 | 8.86E-06 | 8.21E-05 | 3.126108442 | NUPR1 |
| CNTNAP2 | 1.012449566 | 6.059636041 | 5.708773856 | 9.51E-06 | 8.73E-05 | 3.054927919 | CNTNAP2 |
| PGM5P2 | 1.074447727 | 4.639203775 | 5.708562218 | 9.52E-06 | 8.73E-05 | 3.05442296 | PGM5P2 |
| TFPI | 1.674118477 | 7.45456465 | 5.674392597 | 1.03E-05 | 9.36E-05 | 2.972845756 | TFPI |
| CRNDE | -1.0978473 | 7.094350832 | -5.67333721 | 1.03E-05 | 9.38E-05 | 2.970324542 | CRNDE |
| FAM169A | -1.52235269 | 7.311267188 | -5.66945505 | 1.04E-05 | 9.46E-05 | 2.961049665 | FAM169A |
| LIMS1 | -1.32003407 | 6.72091538 | -5.66422477 | 1.06E-05 | 9.56E-05 | 2.948551991 | LIMS1 |
| OSR2 | -1.15819928 | 9.254173437 | -5.65834075 | 1.07E-05 | 9.69E-05 | 2.934489497 | OSR2 |
| ORM2 | -2.34233013 | 5.061906415 | -5.65431975 | 1.08E-05 | 9.76E-05 | 2.924877888 | ORM2 |
| ASL | -1.12359569 | 7.225903398 | -5.64691835 | 1.10E-05 | 9.91E-05 | 2.907182428 | ASL |
| DEFB1 | -2.38257096 | 6.703596771 | -5.63477786 | 1.13E-05 | 0.0001015 | 2.878146954 | DEFB1 |
| MEIS1 | -1.03685424 | 9.092049349 | -5.62208497 | 1.17E-05 | 0.0001043 | 2.847777531 | MEIS1 |
| SYNM | 1.126706696 | 6.377240765 | 5.605120487 | 1.22E-05 | 0.0001081 | 2.807167552 | SYNM |
| CLMN | -1.06912418 | 6.70614242 | -5.57902233 | 1.29E-05 | 0.0001137 | 2.74464859 | CLMN |
| IL20RA | -1.81265665 | 6.122877626 | -5.57397024 | 1.31E-05 | 0.0001149 | 2.732539973 | IL20RA |
| PLEKHB1 | -1.00756463 | 5.576454905 | -5.57074535 | 1.32E-05 | 0.0001156 | 2.724809663 | PLEKHB1 |
| CACHD1 | 1.053273739 | 7.789798577 | 5.559708432 | 1.36E-05 | 0.000118 | 2.698347281 | CACHD1 |
| SLAIN1 | -1.13143239 | 5.136669499 | -5.55721227 | 1.36E-05 | 0.0001186 | 2.692361115 | SLAIN1 |
| SLC24A3 | -1.10003865 | 7.706831662 | -5.55694358 | 1.36E-05 | 0.0001186 | 2.691716743 | SLC24A3 |
| ABRACL | -1.23586599 | 7.642515529 | -5.53128139 | 1.45E-05 | 0.0001253 | 2.630147025 | ABRACL |
| SBSPON | 1.120084111 | 7.127836109 | 5.529082043 | 1.46E-05 | 0.0001259 | 2.624867956 | SBSPON |
| HOPX | 1.574668923 | 8.214015424 | 5.524844166 | 1.47E-05 | 0.0001271 | 2.614694798 | HOPX |
| CAPSL | -1.48527827 | 5.526933989 | -5.52204537 | 1.48E-05 | 0.0001279 | 2.607975459 | CAPSL |
| NPNT | 1.400190053 | 6.585257017 | 5.517438833 | 1.50E-05 | 0.000129 | 2.596914853 | NPNT |
| TMSB15B | -1.62817518 | 7.771860186 | -5.50761504 | 1.53E-05 | 0.0001315 | 2.573322 | TMSB15B |
| LOC102725526 | 1.291599232 | 5.704381544 | 5.500938839 | 1.56E-05 | 0.0001332 | 2.557284353 | LOC102725526 |
| LOC100505851 | -1.09704501 | 5.480304541 | -5.49498763 | 1.58E-05 | 0.0001347 | 2.542985553 | LOC100505851 |
| IGLJ3 | 1.793509744 | 7.681466846 | 5.491137904 | 1.60E-05 | 0.0001357 | 2.533734543 | IGLJ3 |
| DYNLRB2 | -1.09317312 | 5.6065072 | -5.47871483 | 1.64E-05 | 0.0001391 | 2.503874217 | DYNLRB2 |
| SUSD5 | 1.219395653 | 5.272987477 | 5.461073271 | 1.72E-05 | 0.0001443 | 2.461451687 | SUSD5 |
| PRAME | -1.08083549 | 6.300766995 | -5.45813018 | 1.73E-05 | 0.0001451 | 2.45437232 | PRAME |
| ZDHHC8P1 | 1.224796616 | 6.700434101 | 5.452803849 | 1.75E-05 | 0.0001464 | 2.441558687 | ZDHHC8P1 |
| NEFM | -1.41171735 | 5.620696382 | -5.4451227 | 1.78E-05 | 0.0001485 | 2.423076559 | NEFM |
| HP | 1.529480244 | 6.422364298 | 5.442623351 | 1.79E-05 | 0.0001492 | 2.417061812 | HP |
| LINC00645 | -1.86764461 | 4.708005938 | -5.43752458 | 1.81E-05 | 0.0001508 | 2.404790165 | LINC00645 |
| KIAA1661 | -1.06185665 | 5.445489014 | -5.43131383 | 1.84E-05 | 0.0001527 | 2.389839797 | KIAA1661 |
| DES | 1.314872594 | 6.831941913 | 5.41378654 | 1.92E-05 | 0.000158 | 2.347634328 | DES |
| FLJ35700 | 2.194555058 | 6.070468464 | 5.412408782 | 1.93E-05 | 0.0001583 | 2.344315825 | FLJ35700 |
| METTL21A | -1.01915835 | 6.343580586 | -5.40500306 | 1.96E-05 | 0.0001603 | 2.326476031 | METTL21A |
| SEMA3C | 1.517556071 | 9.154012594 | 5.392216205 | 2.02E-05 | 0.0001644 | 2.295664892 | SEMA3C |
| HN1 | -1.17181702 | 8.024261677 | -5.38796191 | 2.04E-05 | 0.0001659 | 2.285411383 | HN1 |
| CREB3L4 | -1.25022988 | 7.217244041 | -5.36502915 | 2.16E-05 | 0.0001741 | 2.230119491 | CREB3L4 |
| EVI2A | 1.246138824 | 6.189050941 | 5.357424828 | 2.20E-05 | 0.0001767 | 2.211777676 | EVI2A |
| RYR3 | 1.079507986 | 4.74390915 | 5.356288163 | 2.20E-05 | 0.000177 | 2.209035695 | RYR3 |
| NME1 | -1.29634112 | 9.023316974 | -5.35098674 | 2.23E-05 | 0.0001786 | 2.196245974 | NME1 |
| DACT1 | 1.208685605 | 7.703060894 | 5.350254723 | 2.24E-05 | 0.0001788 | 2.194479835 | DACT1 |
| PTPRZ1 | 2.061163965 | 4.556689944 | 5.340766699 | 2.29E-05 | 0.0001823 | 2.171585058 | PTPRZ1 |
| CEBPD | 2.070332012 | 10.12852639 | 5.334054982 | 2.33E-05 | 0.0001849 | 2.155386173 | CEBPD |
| CFAP126 | -1.06806625 | 5.24602108 | -5.32744283 | 2.36E-05 | 0.0001872 | 2.139424877 | CFAP126 |
| ADGRG2 | -1.47672704 | 5.506140374 | -5.32532498 | 2.38E-05 | 0.0001879 | 2.134311944 | ADGRG2 |
| FAM134B | -1.13433694 | 6.471385016 | -5.32162143 | 2.40E-05 | 0.0001891 | 2.125370165 | FAM134B |
| IGHV3-23 | 1.328999065 | 6.556809531 | 5.317528139 | 2.42E-05 | 0.0001907 | 2.115486429 | IGHV3-23 |
| MIR100HG | 1.086975305 | 8.754283742 | 5.302321328 | 2.51E-05 | 0.0001965 | 2.07875893 | MIR100HG |
| TSPAN8 | 2.748131904 | 6.950474146 | 5.30092547 | 2.52E-05 | 0.0001969 | 2.075386959 | TSPAN8 |
| VCAN | -1.47219335 | 10.90272273 | -5.29925804 | 2.53E-05 | 0.0001976 | 2.071358813 | VCAN |
| LOC100190986 | -1.08820041 | 8.003588133 | -5.2918542 | 2.57E-05 | 0.0002005 | 2.0534707 | LOC100190986 |
| MMP7 | -2.44100905 | 8.402717705 | -5.28363824 | 2.63E-05 | 0.0002036 | 2.033616714 | MMP7 |
| MTCL1 | -1.73476494 | 6.892569469 | -5.2822137 | 2.63E-05 | 0.0002042 | 2.030173915 | MTCL1 |
| NDRG1 | 1.2528305 | 9.093217824 | 5.275489781 | 2.68E-05 | 0.0002071 | 2.013921983 | NDRG1 |
| TMEM119 | -1.39504849 | 6.396023161 | -5.27257092 | 2.70E-05 | 0.0002082 | 2.006866185 | TMEM119 |
| ADAM28 | -1.17930233 | 6.38779189 | -5.26560828 | 2.74E-05 | 0.0002113 | 1.990033381 | ADAM28 |
| DHFR | -1.21568553 | 7.853453786 | -5.2609732 | 2.77E-05 | 0.0002131 | 1.978826121 | DHFR |
| ADAMTS6 | -1.3217549 | 6.119241796 | -5.24890735 | 2.85E-05 | 0.0002182 | 1.949646217 | ADAMTS6 |
| DKK3 | 1.199373603 | 9.383239406 | 5.242298156 | 2.90E-05 | 0.000221 | 1.933659172 | DKK3 |
| KLF3-AS1 | 1.299803689 | 7.286302907 | 5.239067963 | 2.92E-05 | 0.0002224 | 1.925844756 | KLF3-AS1 |
| FAM84A | -1.20855763 | 6.6258967 | -5.22247205 | 3.04E-05 | 0.0002296 | 1.885687329 | FAM84A |
| ASPN | 1.426759032 | 7.152277911 | 5.220783244 | 3.05E-05 | 0.0002304 | 1.881600061 | ASPN |
| MICAL2 | 1.08526098 | 7.50390804 | 5.212642588 | 3.12E-05 | 0.000234 | 1.861895843 | MICAL2 |
| MIR6883 | 1.729562455 | 7.547895429 | 5.211915321 | 3.12E-05 | 0.0002343 | 1.860135343 | MIR6883 |
| RARRES1 | 2.477426244 | 7.671303885 | 5.196425096 | 3.24E-05 | 0.0002415 | 1.82263152 | RARRES1 |
| BCL6 | 1.437788594 | 8.233602854 | 5.189395939 | 3.29E-05 | 0.0002448 | 1.805608947 | BCL6 |
| KLF4 | 1.48464948 | 9.685001376 | 5.167137186 | 3.48E-05 | 0.0002562 | 1.7516883 | KLF4 |
| LAPTM5 | 1.26180803 | 8.802720519 | 5.150720809 | 3.62E-05 | 0.0002651 | 1.711904895 | LAPTM5 |
| LINC01003 | -1.12789329 | 6.769756257 | -5.12035179 | 3.89E-05 | 0.0002824 | 1.638275103 | LINC01003 |
| NRCAM | -1.17781446 | 6.48369036 | -5.09556774 | 4.13E-05 | 0.0002964 | 1.578155152 | NRCAM |
| TYROBP | 1.350900288 | 8.402290439 | 5.093214816 | 4.16E-05 | 0.0002978 | 1.572446142 | TYROBP |
| RASD1 | -1.85870612 | 8.764261549 | -5.0779075 | 4.31E-05 | 0.0003074 | 1.535299578 | RASD1 |
| CCDC102B | 1.073150101 | 4.082361858 | 5.063656106 | 4.47E-05 | 0.0003169 | 1.50070669 | CCDC102B |
| EVI2B | 1.31850829 | 5.790567846 | 5.059324114 | 4.51E-05 | 0.0003197 | 1.490189868 | EVI2B |
| NPL | 1.134257097 | 6.550524587 | 5.054017722 | 4.57E-05 | 0.0003228 | 1.477306463 | NPL |
| HTRA4 | 1.344067555 | 5.380981999 | 5.034951538 | 4.79E-05 | 0.0003352 | 1.431006556 | HTRA4 |
| C5AR1 | 1.331731321 | 6.322857085 | 5.023409485 | 4.92E-05 | 0.0003428 | 1.402971376 | C5AR1 |
| ADAM12 | -1.8869263 | 8.186447531 | -5.01887074 | 4.98E-05 | 0.0003458 | 1.391945594 | ADAM12 |
| IFI44L | 1.480910198 | 7.139245667 | 4.99321624 | 5.30E-05 | 0.0003643 | 1.329610432 | IFI44L |
| SNTN | -1.97547344 | 4.646402217 | -4.98878123 | 5.35E-05 | 0.0003677 | 1.318831962 | SNTN |
| P3H2 | 1.119258761 | 8.256588256 | 4.98412215 | 5.42E-05 | 0.0003713 | 1.307508212 | P3H2 |
| NEDD9 | -1.26805246 | 7.767058641 | -4.97681604 | 5.51E-05 | 0.0003763 | 1.289749505 | NEDD9 |
| RBM47 | -1.08952902 | 7.822241984 | -4.9745723 | 5.54E-05 | 0.0003781 | 1.284295365 | RBM47 |
| DNM3OS | 1.133388851 | 7.739463213 | 4.957625949 | 5.78E-05 | 0.0003916 | 1.243096635 | DNM3OS |
| OLFM1 | -1.77291493 | 7.680737557 | -4.9558919 | 5.80E-05 | 0.0003929 | 1.238880447 | OLFM1 |
| MS4A8 | -1.51054934 | 6.507846024 | -4.95335762 | 5.84E-05 | 0.000395 | 1.232718372 | MS4A8 |
| ADAMTS5 | 1.837210486 | 8.008569635 | 4.880805109 | 6.96E-05 | 0.0004566 | 1.056231788 | ADAMTS5 |
| UCP2 | -1.11685657 | 8.210383492 | -4.87440401 | 7.07E-05 | 0.0004627 | 1.040654462 | UCP2 |
| COL12A1 | 1.156095977 | 10.03663394 | 4.864330723 | 7.25E-05 | 0.0004728 | 1.016138847 | COL12A1 |
| TGM2 | -1.2784001 | 8.185277672 | -4.85935532 | 7.33E-05 | 0.0004775 | 1.004029267 | TGM2 |
| LOC102724229 | 1.32966379 | 7.114363053 | 4.848946544 | 7.52E-05 | 0.0004876 | 0.97869378 | LOC102724229 |
| CFB | 1.556670178 | 7.340653403 | 4.83002213 | 7.88E-05 | 0.0005071 | 0.932625303 | CFB |
| KRT23 | -1.1584301 | 5.953089891 | -4.82395246 | 8.00E-05 | 0.0005129 | 0.91784824 | KRT23 |
| FZD5 | -1.11597647 | 6.74817595 | -4.80325723 | 8.41E-05 | 0.0005345 | 0.867459466 | FZD5 |
| CRYAB | 1.005577957 | 8.036215319 | 4.791018705 | 8.66E-05 | 0.0005483 | 0.837657922 | CRYAB |
| LOC284219 | -1.19034056 | 6.221071694 | -4.77683061 | 8.97E-05 | 0.0005646 | 0.803106424 | LOC284219 |
| KCNMA1 | 1.255748066 | 7.428448597 | 4.729235638 | 0.000100723 | 0.0006233 | 0.68718412 | KCNMA1 |
| LRRC59 | -1.11604506 | 8.372118952 | -4.72597177 | 0.000101528 | 0.0006276 | 0.679233878 | LRRC59 |
| ST6GAL2 | -1.28703713 | 6.856722201 | -4.7256174 | 0.000101616 | 0.0006279 | 0.678370698 | ST6GAL2 |
| DLL1 | -1.14581174 | 6.763646748 | -4.72476549 | 0.000101828 | 0.0006287 | 0.676295562 | DLL1 |
| LINC00622 | 1.067027278 | 5.402716795 | 4.690747442 | 0.000110644 | 0.000675 | 0.593429284 | LINC00622 |
| SNORD114-3 | 1.052867389 | 6.078122116 | 4.682791874 | 0.000112814 | 0.0006853 | 0.574049205 | SNORD114-3 |
| CNN1 | 1.759418081 | 8.398696102 | 4.67130638 | 0.000116023 | 0.0007012 | 0.546069834 | CNN1 |
| LOC100505984 | -1.20048967 | 5.191124699 | -4.65635438 | 0.000120339 | 0.0007227 | 0.509645645 | LOC100505984 |
| SLC34A2 | -1.63877208 | 6.949413917 | -4.65120091 | 0.000121863 | 0.0007298 | 0.497091427 | SLC34A2 |
| SOCS3 | 1.939095682 | 8.480691613 | 4.64684229 | 0.000123168 | 0.0007356 | 0.486473544 | SOCS3 |
| CBLN4 | -1.68468358 | 6.017670035 | -4.62503397 | 0.000129909 | 0.0007675 | 0.433347713 | CBLN4 |
| JUNB | 1.392421182 | 9.546802382 | 4.619606511 | 0.000131644 | 0.0007764 | 0.420126496 | JUNB |
| CXCL2 | 2.030764774 | 7.301983848 | 4.590800862 | 0.000141247 | 0.0008233 | 0.349959187 | CXCL2 |
| LOC100509457 | 1.540514688 | 7.855416777 | 4.581675181 | 0.000144433 | 0.0008394 | 0.327731353 | LOC100509457 |
| RUNX2 | 1.50892246 | 7.016616503 | 4.556376793 | 0.00015365 | 0.0008816 | 0.266115282 | RUNX2 |
| ANXA3 | -1.32778815 | 6.691567783 | -4.55145882 | 0.00015551 | 0.0008909 | 0.254138055 | ANXA3 |
| ENPP3 | -1.59052116 | 6.870251444 | -4.49258748 | 0.000179599 | 0.0010043 | 0.110791495 | ENPP3 |
| THBD | 1.442977756 | 6.787380893 | 4.487452166 | 0.00018187 | 0.0010159 | 0.098290428 | THBD |
| C7orf57 | -1.325398 | 4.061935879 | -4.48266477 | 0.000184013 | 0.0010258 | 0.086636794 | C7orf57 |
| MUM1L1 | 1.687514236 | 8.630636531 | 4.459052728 | 0.000194959 | 0.0010761 | 0.029167168 | MUM1L1 |
| C1QC | 1.056421646 | 8.143892144 | 4.438182525 | 0.000205176 | 0.0011259 | -0.0216177 | C1QC |
| SERPINA5 | -1.4445839 | 8.402696632 | -4.43262908 | 0.000207984 | 0.0011381 | -0.03512931 | SERPINA5 |
| G0S2 | 1.859495058 | 7.986085557 | 4.418004868 | 0.000215564 | 0.0011711 | -0.07070605 | G0S2 |
| SULF1 | 1.312726382 | 8.138432326 | 4.408558468 | 0.000220606 | 0.0011925 | -0.09368319 | SULF1 |
| SLC15A2 | -1.79618103 | 6.109706031 | -4.39410034 | 0.000228554 | 0.0012297 | -0.12884528 | SLC15A2 |
| FNDC1 | 1.578844378 | 7.251527567 | 4.392927174 | 0.000229211 | 0.0012329 | -0.13169811 | FNDC1 |
| HPR | 1.316978434 | 5.478743604 | 4.383104938 | 0.00023479 | 0.0012592 | -0.15558141 | HPR |
| FYB | 1.18115362 | 6.257187165 | 4.38295066 | 0.000234878 | 0.0012593 | -0.15595652 | FYB |
| ITGA8 | 1.291480311 | 6.823949778 | 4.355291874 | 0.000251333 | 0.0013341 | -0.22319182 | ITGA8 |
| CCL11 | 1.103863771 | 5.27311167 | 4.310490919 | 0.000280469 | 0.0014669 | -0.33203408 | CCL11 |
| CACNA2D1 | 1.310286864 | 7.296169757 | 4.282337647 | 0.000300481 | 0.0015544 | -0.40038632 | CACNA2D1 |
| SLPI | -2.44747659 | 8.827161004 | -4.27565499 | 0.000305437 | 0.0015762 | -0.41660533 | SLPI |
| SCARB1 | 1.574644917 | 8.325609358 | 4.254725547 | 0.000321494 | 0.0016439 | -0.46738721 | SCARB1 |
| PENK | -2.16692294 | 7.043307769 | -4.22357653 | 0.000346964 | 0.0017527 | -0.54292207 | PENK |
| ANK2 | 1.612813828 | 8.782086059 | 4.213004022 | 0.000356059 | 0.001792 | -0.5685475 | ANK2 |
| ENPEP | -1.01205136 | 6.720671061 | -4.19867676 | 0.000368765 | 0.0018419 | -0.60326308 | ENPEP |
| SRGN | 1.077167129 | 9.603901772 | 4.190162069 | 0.000376529 | 0.0018755 | -0.62388866 | SRGN |
| ZCCHC12 | -1.18475642 | 6.519100803 | -4.17400732 | 0.000391711 | 0.0019391 | -0.66300864 | ZCCHC12 |
| CCL21 | 1.536977676 | 7.000495741 | 4.171526095 | 0.000394096 | 0.0019465 | -0.66901565 | CCL21 |
| FST | 1.14981015 | 7.201956412 | 4.159560068 | 0.000405804 | 0.0019921 | -0.69797952 | FST |
| CFAP43 | -1.06593619 | 5.977387465 | -4.06821506 | 0.00050737 | 0.0024048 | -0.91874561 | CFAP43 |
| SRD5A3 | -1.27160546 | 7.329087275 | -4.06057285 | 0.000516935 | 0.0024423 | -0.93718652 | SRD5A3 |
| ROBO2 | 1.135226332 | 5.159133047 | 4.040782515 | 0.000542547 | 0.0025407 | -0.98491865 | ROBO2 |
| OLFM4 | -2.86120157 | 5.56734961 | -3.96086562 | 0.000659443 | 0.0029822 | -1.1773143 | OLFM4 |
| LYZ | 1.694782626 | 9.1774686 | 3.944225077 | 0.000686763 | 0.0030871 | -1.21729868 | LYZ |
| LINC01207 | -1.06324787 | 4.452356234 | -3.89557243 | 0.000773244 | 0.0034006 | -1.33403751 | LINC01207 |
| CLIC6 | 1.041973344 | 6.757079083 | 3.819967307 | 0.00092949 | 0.0039675 | -1.51491969 | CLIC6 |
| IGFBP3 | 1.339546547 | 10.39782902 | 3.819261618 | 0.000931087 | 0.0039727 | -1.51660479 | IGFBP3 |
| CD55 | 1.486668239 | 8.967190911 | 3.788757114 | 0.001002751 | 0.0042206 | -1.58938606 | CD55 |
| FOSL2 | 1.114524214 | 8.654980535 | 3.728786518 | 0.001159889 | 0.0047766 | -1.73211292 | FOSL2 |
| SERPINE1 | 1.705974833 | 7.28508459 | 3.669544296 | 0.001338901 | 0.0054023 | -1.87260647 | SERPINE1 |
| LOC101928419 | 1.179502995 | 6.214809042 | 3.645663053 | 0.001418526 | 0.0056689 | -1.92909135 | LOC101928419 |
| TMC5 | -1.17041562 | 5.660782745 | -3.61766716 | 0.001517816 | 0.006005 | -1.99519346 | TMC5 |
| INHA | 1.26064486 | 5.893758759 | 3.58348099 | 0.001648361 | 0.0064314 | -2.07573725 | INHA |
| CEMIP | 1.454598016 | 6.401857914 | 3.552327817 | 0.001776889 | 0.0068372 | -2.14896171 | CEMIP |
| CHIT1 | 1.037264612 | 5.608261804 | 3.511103444 | 0.001962179 | 0.0074402 | -2.24559276 | CHIT1 |
| PCSK5 | -1.24685301 | 9.025617887 | -3.48474471 | 0.002090443 | 0.0078548 | -2.30721367 | PCSK5 |
| GABARAPL3 | 1.128749789 | 8.519517558 | 3.455107877 | 0.002244472 | 0.008357 | -2.37633884 | GABARAPL3 |
| PAGE4 | -1.38615229 | 7.0196584 | -3.43801246 | 0.002338312 | 0.0086399 | -2.41613355 | PAGE4 |
| KIF18B | -1.0850719 | 5.565541089 | -3.40273009 | 0.002544268 | 0.0092795 | -2.49807604 | KIF18B |
| NR4A1 | 1.192198794 | 9.59839748 | 3.347560574 | 0.002902279 | 0.010356 | -2.62567885 | NR4A1 |
| SOX9 | -1.35110772 | 5.376309948 | -3.34066138 | 0.002950367 | 0.0105001 | -2.64158934 | SOX9 |
| PDZK1 | -1.11877628 | 5.188369193 | -3.21019792 | 0.004020066 | 0.0136419 | -2.94036284 | PDZK1 |
| AQP4 | 1.013549669 | 4.003353725 | 3.146525697 | 0.00467043 | 0.0154441 | -3.08463546 | AQP4 |
| SOD2 | 1.039060678 | 6.81152459 | 2.973524566 | 0.00699197 | 0.0216651 | -3.47090098 | SOD2 |
| PAPLN | -1.00243042 | 7.629224847 | -2.92190516 | 0.007876916 | 0.0239903 | -3.58438652 | PAPLN |
| MIR675 | -1.48877396 | 8.936628692 | -2.87440869 | 0.008785038 | 0.0262417 | -3.6880336 | MIR675 |
| FAM150B | 1.007566991 | 7.85591097 | 2.837303466 | 0.00956313 | 0.0281828 | -3.7684692 | FAM150B |
| PAEP | -2.13136867 | 7.147081512 | -2.73129424 | 0.012163593 | 0.0344913 | -3.99554984 | PAEP |
| DUSP2 | -1.00948298 | 7.488709493 | -2.62288395 | 0.015506492 | 0.0421991 | -4.22332443 | DUSP2 |
| TCN1 | -1.056053 | 5.313022639 | -2.57803028 | 0.017128008 | 0.0459394 | -4.31616176 | TCN1 |
| GZMA | -1.09832572 | 7.143277137 | -2.5622825 | 0.017734071 | 0.0473083 | -4.34855364 | GZMA |
| LGR5 | -1.2935836 | 5.833241194 | -2.55224248 | 0.018130886 | 0.0481838 | -4.36914926 | LGR5 |
| SIK1 | 1.184638913 | 8.1064868 | 2.494163779 | 0.020594014 | 0.0536159 | -4.48741862 | SIK1 |
| SLC3A1 | -1.03643886 | 4.926449034 | -2.43590008 | 0.023375329 | 0.0596154 | -4.60452988 | SLC3A1 |
| OVGP1 | -1,15798289 | 7,843713023 | -2,16770716 | 0,041229522 | 0,0942637 | -5,12204231 | OVGP1 |
|  |  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Table 4 DEGs（GSE7305） | | | | | | | |
| Genes | logFC | AveExpr | t | P value | adj. p value | B | id |
| CLDN11 | 6,268089 | 7,6364703 | 56,388945 | 2,28E-25 | 4,96E-21 | 44,710356 | CLDN11 |
| C7 | 6,2703092 | 8,4361404 | 45,094408 | 3,05E-23 | 3,32E-19 | 41,264102 | C7 |
| CSTA | 3,9433587 | 7,3517986 | 35,146277 | 6,97E-21 | 5,05E-17 | 36,913596 | CSTA |
| LINC01116 | 2,3184977 | 6,6311873 | 32,712507 | 3,31E-20 | 1,80E-16 | 35,582015 | LINC01116 |
| SCN7A | 5,0137749 | 6,4369891 | 31,499485 | 7,49E-20 | 3,26E-16 | 34,869213 | SCN7A |
| PTGIS | 4,9055404 | 8,1403993 | 30,527042 | 1,47E-19 | 5,35E-16 | 34,272091 | PTGIS |
| GATA6 | 4,8781947 | 6,8158378 | 28,77302 | 5,28E-19 | 1,61E-15 | 33,132678 | GATA6 |
| SERPINE2 | 4,1060514 | 9,0459488 | 28,624613 | 5,91E-19 | 1,61E-15 | 33,032376 | SERPINE2 |
| ITPR1 | 2,9050897 | 7,3321363 | 28,192222 | 8,20E-19 | 1,86E-15 | 32,736513 | ITPR1 |
| ZFPM2 | 3,1381093 | 7,5473849 | 28,140305 | 8,53E-19 | 1,86E-15 | 32,700621 | ZFPM2 |
| ARX | 4,6016126 | 6,5985874 | 27,925263 | 1,01E-18 | 1,99E-15 | 32,5511 | ARX |
| DLK1 | 5,9321921 | 7,662974 | 27,164072 | 1,82E-18 | 3,30E-15 | 32,010554 | DLK1 |
| DPYSL3 | 3,5023909 | 8,8746168 | 26,967862 | 2,13E-18 | 3,56E-15 | 31,868296 | DPYSL3 |
| WNT2B | 3,5128362 | 6,9847804 | 26,389572 | 3,39E-18 | 5,26E-15 | 31,441818 | WNT2B |
| CFHR1 | 4,3562187 | 8,3840043 | 25,613362 | 6,42E-18 | 9,31E-15 | 30,851898 | CFHR1 |
| TCF21 | 4,4489763 | 7,6523835 | 25,019411 | 1,06E-17 | 1,37E-14 | 30,386373 | TCF21 |
| SYNPO | 2,5730637 | 7,319957 | 25,011543 | 1,07E-17 | 1,37E-14 | 30,380121 | SYNPO |
| CHL1 | 4,6901972 | 6,7294989 | 24,428318 | 1,77E-17 | 2,14E-14 | 29,910387 | CHL1 |
| FIBIN | 3,5727076 | 6,9078726 | 24,274915 | 2,02E-17 | 2,31E-14 | 29,784722 | FIBIN |
| CREBL2 | 1,3359445 | 8,45459 | 22,033104 | 1,58E-16 | 1,72E-13 | 27,840584 | CREBL2 |
| PRR5-ARHGAP8 | -2,300989 | 6,4521939 | -21,85539 | 1,88E-16 | 1,95E-13 | 27,677293 | PRR5-ARHGAP8 |
| CFH | 4,1363886 | 8,0407384 | 21,806044 | 1,97E-16 | 1,95E-13 | 27,6317 | CFH |
| WIPF3 | 3,2804739 | 7,3240197 | 21,647977 | 2,30E-16 | 2,17E-13 | 27,4849 | WIPF3 |
| NFASC | 3,5170338 | 6,2429538 | 21,576939 | 2,46E-16 | 2,21E-13 | 27,418552 | NFASC |
| PRELP | 3,4618277 | 7,5645536 | 21,54541 | 2,54E-16 | 2,21E-13 | 27,389029 | PRELP |
| NRK | 3,789976 | 6,0391251 | 21,082391 | 4,02E-16 | 3,33E-13 | 26,950088 | NRK |
| MAST4 | 1,5754257 | 7,7583424 | 21,055454 | 4,13E-16 | 3,33E-13 | 26,924238 | MAST4 |
| TWIST2 | -1,989408 | 8,3466199 | -20,80747 | 5,30E-16 | 4,12E-13 | 26,6846 | TWIST2 |
| LY96 | 2,8040228 | 7,268235 | 20,573954 | 6,72E-16 | 5,04E-13 | 26,456177 | LY96 |
| DIRAS3 | 4,5211459 | 6,9649316 | 20,335843 | 8,59E-16 | 6,23E-13 | 26,220445 | DIRAS3 |
| KCNT2 | 3,5639049 | 5,870505 | 20,161571 | 1,03E-15 | 7,22E-13 | 26,046082 | KCNT2 |
| VCAM1 | 3,860507 | 7,4763109 | 20,076558 | 1,12E-15 | 7,64E-13 | 25,960455 | VCAM1 |
| AQP1 | 1,7686397 | 8,0336254 | 19,654931 | 1,75E-15 | 1,16E-12 | 25,530169 | AQP1 |
| DLX6 | -3,716373 | 5,8311496 | -19,50551 | 2,06E-15 | 1,32E-12 | 25,375399 | DLX6 |
| SIGLEC11 | 3,4570106 | 6,5722274 | 19,338696 | 2,46E-15 | 1,53E-12 | 25,201167 | SIGLEC11 |
| PRSS8 | -2,116117 | 6,2662231 | -19,23247 | 2,76E-15 | 1,67E-12 | 25,089418 | PRSS8 |
| MARVELD2 | -2,143727 | 6,5459818 | -19,06665 | 3,31E-15 | 1,95E-12 | 24,913716 | MARVELD2 |
| GDF7 | -3,374198 | 8,2466651 | -18,88111 | 4,06E-15 | 2,33E-12 | 24,715281 | GDF7 |
| MEIS2 | 1,7768081 | 8,0601569 | 18,695125 | 4,99E-15 | 2,78E-12 | 24,514376 | MEIS2 |
| PPP1R12B | 1,8609685 | 8,411815 | 18,624901 | 5,40E-15 | 2,88E-12 | 24,437998 | PPP1R12B |
| FOXA2 | -2,12237 | 6,2747636 | -18,62167 | 5,42E-15 | 2,88E-12 | 24,434481 | FOXA2 |
| NID2 | 2,0150993 | 8,2406131 | 18,573455 | 5,72E-15 | 2,96E-12 | 24,381859 | NID2 |
| RAB25 | -2,796242 | 6,6515532 | -18,27389 | 8,02E-15 | 4,06E-12 | 24,051853 | RAB25 |
| DUBR | 1,7893252 | 6,1594415 | 18,096208 | 9,82E-15 | 4,86E-12 | 23,853564 | DUBR |
| GRHL2 | -2,04802 | 5,8315245 | -17,95916 | 1,15E-14 | 5,56E-12 | 23,699298 | GRHL2 |
| LOC400043 | 2,5753446 | 7,1179344 | 17,829892 | 1,34E-14 | 6,32E-12 | 23,552727 | LOC400043 |
| TCEAL4 | 1,6515328 | 10,33676 | 17,793109 | 1,39E-14 | 6,45E-12 | 23,510828 | TCEAL4 |
| FIGN | 2,3730244 | 6,058782 | 17,553937 | 1,84E-14 | 8,36E-12 | 23,236308 | FIGN |
| KIAA1324 | -3,541257 | 7,6926706 | -17,40113 | 2,21E-14 | 9,81E-12 | 23,059004 | KIAA1324 |
| WISP2 | 3,3389003 | 7,4527309 | 17,325746 | 2,42E-14 | 1,05E-11 | 22,970968 | WISP2 |
| SEMA6D | 2,6571862 | 6,532627 | 17,293432 | 2,51E-14 | 1,07E-11 | 22,933119 | SEMA6D |
| NUAK1 | 1,898955 | 7,9371897 | 17,171145 | 2,91E-14 | 1,22E-11 | 22,789265 | NUAK1 |
| SGCE | 2,6621902 | 8,167466 | 17,058123 | 3,33E-14 | 1,37E-11 | 22,655427 | SGCE |
| CHMP4C | -1,965516 | 5,9751947 | -16,98734 | 3,63E-14 | 1,46E-11 | 22,571167 | CHMP4C |
| HOXB6 | -2,867533 | 6,7866312 | -16,90514 | 4,01E-14 | 1,58E-11 | 22,472909 | HOXB6 |
| STX18 | -2,980014 | 9,452662 | -16,89111 | 4,08E-14 | 1,58E-11 | 22,456085 | STX18 |
| PPM1H | -2,846688 | 6,8564511 | -16,74472 | 4,88E-14 | 1,86E-11 | 22,279796 | PPM1H |
| JAM3 | 1,2033756 | 8,4617367 | 16,618798 | 5,70E-14 | 2,13E-11 | 22,126981 | JAM3 |
| PDLIM3 | 3,1938804 | 7,4717789 | 16,606761 | 5,78E-14 | 2,13E-11 | 22,112315 | PDLIM3 |
| TCEAL2 | 2,9951138 | 6,8155479 | 16,480606 | 6,76E-14 | 2,41E-11 | 21,958 | TCEAL2 |
| NTRK2 | 3,2895908 | 6,565414 | 16,477931 | 6,78E-14 | 2,41E-11 | 21,954716 | NTRK2 |
| ESRP1 | -2,888507 | 6,2475742 | -16,46713 | 6,88E-14 | 2,41E-11 | 21,941446 | ESRP1 |
| HOOK1 | -2,786665 | 5,6853802 | -16,44962 | 7,03E-14 | 2,43E-11 | 21,919923 | HOOK1 |
| CDON | 2,6417723 | 6,7957279 | 16,384281 | 7,62E-14 | 2,59E-11 | 21,839419 | CDON |
| DLX5 | -2,947897 | 7,2669094 | -16,35281 | 7,93E-14 | 2,65E-11 | 21,800534 | DLX5 |
| ARHGAP6 | 2,8532509 | 6,9350372 | 16,337801 | 8,08E-14 | 2,66E-11 | 21,781964 | ARHGAP6 |
| PEG3 | 2,9030187 | 9,8409847 | 16,295289 | 8,52E-14 | 2,77E-11 | 21,729278 | PEG3 |
| PLSCR4 | 2,6070396 | 7,6595741 | 16,241541 | 9,12E-14 | 2,92E-11 | 21,662484 | PLSCR4 |
| DMD | 2,7543509 | 7,0228484 | 16,11714 | 1,07E-13 | 3,36E-11 | 21,507084 | DMD |
| FOXC1 | 2,1737215 | 6,5779435 | 16,093608 | 1,10E-13 | 3,41E-11 | 21,477562 | FOXC1 |
| PLCXD3 | 3,3379012 | 6,9992593 | 16,076599 | 1,12E-13 | 3,41E-11 | 21,456198 | PLCXD3 |
| RCAN2 | 3,1235076 | 7,2119523 | 16,072495 | 1,13E-13 | 3,41E-11 | 21,45104 | RCAN2 |
| BICC1 | 2,3127614 | 7,4253615 | 16,060756 | 1,15E-13 | 3,42E-11 | 21,43628 | BICC1 |
| GATA4 | 2,6694013 | 6,2559599 | 16,046056 | 1,17E-13 | 3,43E-11 | 21,417783 | GATA4 |
| LOC100506388 | 2,1759894 | 5,5894437 | 15,943634 | 1,33E-13 | 3,86E-11 | 21,288458 | LOC100506388 |
| MSX1 | -4,463626 | 8,7068001 | -15,81558 | 1,57E-13 | 4,49E-11 | 21,125678 | MSX1 |
| PLXDC2 | 1,6332922 | 7,7435712 | 15,684359 | 1,86E-13 | 5,25E-11 | 20,957601 | PLXDC2 |
| SH3BP5 | 1,6396633 | 9,136414 | 15,559066 | 2,19E-13 | 6,10E-11 | 20,7959 | SH3BP5 |
| RPP25 | 1,5567085 | 7,2126865 | 15,480964 | 2,42E-13 | 6,61E-11 | 20,694494 | RPP25 |
| ALDH1A2 | -1,754321 | 6,8236307 | -15,47502 | 2,44E-13 | 6,61E-11 | 20,686757 | ALDH1A2 |
| UGT8 | -3,06158 | 5,4731117 | -15,46853 | 2,46E-13 | 6,61E-11 | 20,678313 | UGT8 |
| CELSR1 | -1,955423 | 6,4368385 | -15,42078 | 2,62E-13 | 6,96E-11 | 20,616039 | CELSR1 |
| SLC16A4 | 2,4481471 | 6,6602114 | 15,380818 | 2,76E-13 | 7,24E-11 | 20,56378 | SLC16A4 |
| RASSF3 | 1,4528611 | 8,018328 | 15,361508 | 2,84E-13 | 7,34E-11 | 20,538487 | RASSF3 |
| HOXA11 | -3,128357 | 7,8969868 | -15,26967 | 3,20E-13 | 8,19E-11 | 20,417796 | HOXA11 |
| MMP23A | 1,5470244 | 5,9898378 | 15,224281 | 3,40E-13 | 8,57E-11 | 20,357897 | MMP23A |
| FAM162A | 1,0770897 | 9,6012778 | 15,212717 | 3,45E-13 | 8,57E-11 | 20,342611 | FAM162A |
| PDE7B | 1,7274638 | 7,3438413 | 15,209421 | 3,47E-13 | 8,57E-11 | 20,338251 | PDE7B |
| POC1B-GALNT4 | -3,265384 | 8,4693823 | -15,1724 | 3,64E-13 | 8,91E-11 | 20,289234 | POC1B-GALNT4 |
| HS6ST2 | 2,9532786 | 6,6106258 | 15,113493 | 3,94E-13 | 9,45E-11 | 20,211017 | HS6ST2 |
| GPR160 | -2,463909 | 6,6699178 | -15,11119 | 3,95E-13 | 9,45E-11 | 20,207953 | GPR160 |
| TMEM150C | 1,8892038 | 7,4953408 | 15,079321 | 4,13E-13 | 9,76E-11 | 20,165514 | TMEM150C |
| BNC2 | 2,6017597 | 7,9134465 | 15,000306 | 4,59E-13 | 1,07E-10 | 20,059946 | BNC2 |
| PAPSS1 | -2,039403 | 9,8941052 | -14,92429 | 5,08E-13 | 1,18E-10 | 19,957913 | PAPSS1 |
| LINC01279 | 2,9417117 | 7,0807086 | 14,908129 | 5,20E-13 | 1,19E-10 | 19,936155 | LINC01279 |
| MKX | 3,2141446 | 5,2329355 | 14,831937 | 5,76E-13 | 1,29E-10 | 19,833309 | MKX |
| CDCA7 | -3,915365 | 8,0128927 | -14,83146 | 5,77E-13 | 1,29E-10 | 19,832665 | CDCA7 |
| KRTCAP3 | -1,360383 | 6,5701466 | -14,82623 | 5,81E-13 | 1,29E-10 | 19,825586 | KRTCAP3 |
| MSRB3 | 2,4188705 | 8,1951533 | 14,765599 | 6,31E-13 | 1,39E-10 | 19,743379 | MSRB3 |
| PLD1 | 1,8282115 | 6,5648715 | 14,751427 | 6,43E-13 | 1,40E-10 | 19,72412 | PLD1 |
| BST2 | 2,7818035 | 8,6527669 | 14,711381 | 6,79E-13 | 1,45E-10 | 19,669612 | BST2 |
| MAP2K6 | -1,794015 | 6,8756078 | -14,70943 | 6,81E-13 | 1,45E-10 | 19,666957 | MAP2K6 |
| C4orf19 | -1,321043 | 5,8435977 | -14,67918 | 7,10E-13 | 1,50E-10 | 19,625689 | C4orf19 |
| TMEM101 | -2,346026 | 7,9604667 | -14,64828 | 7,41E-13 | 1,55E-10 | 19,583455 | TMEM101 |
| RYR2 | 1,4333619 | 5,8886369 | 14,592724 | 7,99E-13 | 1,66E-10 | 19,507318 | RYR2 |
| LINC01541 | -5,576193 | 6,8422517 | -14,56135 | 8,35E-13 | 1,71E-10 | 19,464208 | LINC01541 |
| GABRP | -4,816974 | 7,4006188 | -14,55655 | 8,40E-13 | 1,71E-10 | 19,4576 | GABRP |
| MEF2C | 1,4282785 | 7,9875383 | 14,48963 | 9,22E-13 | 1,86E-10 | 19,365355 | MEF2C |
| PDZRN4 | 1,4208547 | 4,7451248 | 14,37509 | 1,08E-12 | 2,16E-10 | 19,206579 | PDZRN4 |
| PARD3B | 1,6756043 | 6,9513697 | 14,333505 | 1,15E-12 | 2,26E-10 | 19,148656 | PARD3B |
| STEAP2 | 1,8790185 | 6,8571416 | 14,304554 | 1,19E-12 | 2,34E-10 | 19,108245 | STEAP2 |
| AP1M2 | -1,50638 | 6,595581 | -14,28745 | 1,22E-12 | 2,37E-10 | 19,084332 | AP1M2 |
| RBMS3 | 2,4478579 | 7,9773111 | 14,276949 | 1,24E-12 | 2,39E-10 | 19,069645 | RBMS3 |
| LHFP | 1,8958908 | 8,9161837 | 14,268693 | 1,25E-12 | 2,39E-10 | 19,058088 | LHFP |
| PLPP2 | -2,328764 | 7,0152631 | -14,22465 | 1,33E-12 | 2,52E-10 | 18,996332 | PLPP2 |
| ASRGL1 | -3,530889 | 8,7743488 | -14,21488 | 1,35E-12 | 2,54E-10 | 18,982616 | ASRGL1 |
| LOC101930363 | 2,534257 | 5,8815941 | 14,196491 | 1,39E-12 | 2,56E-10 | 18,956766 | LOC101930363 |
| ARHGEF6 | 1,4760964 | 7,1366038 | 14,191427 | 1,40E-12 | 2,56E-10 | 18,949642 | ARHGEF6 |
| CAV2 | 1,853726 | 8,1190621 | 14,190018 | 1,40E-12 | 2,56E-10 | 18,947659 | CAV2 |
| ARHGAP25 | 1,0534615 | 6,678895 | 14,163715 | 1,45E-12 | 2,64E-10 | 18,910622 | ARHGAP25 |
| RASGRF2 | 2,9529989 | 6,6185358 | 14,12252 | 1,54E-12 | 2,77E-10 | 18,852492 | RASGRF2 |
| HOXA10 | -3,859705 | 7,602799 | -14,05236 | 1,70E-12 | 3,03E-10 | 18,753156 | HOXA10 |
| DSE | 2,2823371 | 8,2373352 | 14,040234 | 1,73E-12 | 3,06E-10 | 18,735937 | DSE |
| CAPS | -2,526072 | 8,2004946 | -14,00328 | 1,83E-12 | 3,20E-10 | 18,683403 | CAPS |
| RERG | 2,2485784 | 7,0022901 | 13,982223 | 1,88E-12 | 3,27E-10 | 18,653408 | RERG |
| GATM | 2,8623992 | 7,4160718 | 13,973201 | 1,91E-12 | 3,29E-10 | 18,640545 | GATM |
| FMO1 | 2,4861015 | 7,2623335 | 13,953257 | 1,96E-12 | 3,34E-10 | 18,612088 | FMO1 |
| CCDC69 | 1,7346446 | 6,5810778 | 13,952152 | 1,96E-12 | 3,34E-10 | 18,610509 | CCDC69 |
| HERC5 | 1,9732738 | 6,7929979 | 13,939001 | 2,00E-12 | 3,37E-10 | 18,591725 | HERC5 |
| XPR1 | -1,267649 | 8,0205415 | -13,91468 | 2,07E-12 | 3,47E-10 | 18,556942 | XPR1 |
| SHE | 1,4427736 | 6,6760082 | 13,890402 | 2,14E-12 | 3,55E-10 | 18,52217 | SHE |
| KLHDC8A | 2,9347146 | 6,7887154 | 13,88761 | 2,15E-12 | 3,55E-10 | 18,518168 | KLHDC8A |
| ESR1 | -2,916648 | 9,6146167 | -13,87602 | 2,19E-12 | 3,58E-10 | 18,501552 | ESR1 |
| SH3D19 | 2,3324374 | 8,3381184 | 13,773708 | 2,54E-12 | 4,12E-10 | 18,354297 | SH3D19 |
| TNS1 | 1,9686798 | 9,6581091 | 13,764938 | 2,57E-12 | 4,14E-10 | 18,34163 | TNS1 |
| P2RY14 | -3,623051 | 7,6795203 | -13,7218 | 2,73E-12 | 4,37E-10 | 18,279225 | P2RY14 |
| APCDD1 | -2,874566 | 9,3271788 | -13,70912 | 2,78E-12 | 4,42E-10 | 18,26085 | APCDD1 |
| IRF6 | -1,450964 | 6,9691389 | -13,69371 | 2,85E-12 | 4,48E-10 | 18,238497 | IRF6 |
| STXBP6 | -2,118816 | 6,49198 | -13,67851 | 2,91E-12 | 4,48E-10 | 18,216443 | STXBP6 |
| TSPAN18 | 1,2598329 | 6,9862486 | 13,678397 | 2,91E-12 | 4,48E-10 | 18,216274 | TSPAN18 |
| SERPINA3 | 2,388909 | 7,8283636 | 13,674347 | 2,93E-12 | 4,48E-10 | 18,21039 | SERPINA3 |
| PODN | 1,8899034 | 7,4375509 | 13,672951 | 2,93E-12 | 4,48E-10 | 18,208362 | PODN |
| CCDC80 | 2,4943537 | 8,306481 | 13,670879 | 2,94E-12 | 4,48E-10 | 18,205352 | CCDC80 |
| FXYD6 | 1,8045939 | 7,9116141 | 13,627618 | 3,13E-12 | 4,70E-10 | 18,142401 | FXYD6 |
| EYA2 | -3,512151 | 7,4336757 | -13,62746 | 3,14E-12 | 4,70E-10 | 18,142177 | EYA2 |
| CREG1 | 1,4330969 | 9,3776753 | 13,61794 | 3,18E-12 | 4,74E-10 | 18,128295 | CREG1 |
| MGC24103 | 2,3641761 | 8,0377326 | 13,527834 | 3,63E-12 | 5,37E-10 | 17,996552 | MGC24103 |
| PPFIBP1 | 2,6644014 | 7,6181875 | 13,494211 | 3,81E-12 | 5,60E-10 | 17,9472 | PPFIBP1 |
| CPXM2 | 2,8413424 | 7,6597322 | 13,466582 | 3,97E-12 | 5,79E-10 | 17,906568 | CPXM2 |
| JADE2 | 1,3455066 | 7,452268 | 13,454257 | 4,04E-12 | 5,86E-10 | 17,88842 | JADE2 |
| PEG3-AS1 | 2,226779 | 7,4567413 | 13,442039 | 4,11E-12 | 5,92E-10 | 17,870414 | PEG3-AS1 |
| P2RX7 | 1,6314432 | 5,6598446 | 13,411655 | 4,30E-12 | 6,15E-10 | 17,82558 | P2RX7 |
| TMEM255A | 4,0935453 | 5,5883609 | 13,37813 | 4,52E-12 | 6,42E-10 | 17,776011 | TMEM255A |
| PLLP | -1,938462 | 7,0317792 | -13,34261 | 4,76E-12 | 6,67E-10 | 17,723371 | PLLP |
| INMT | 2,2308637 | 6,5037073 | 13,336607 | 4,81E-12 | 6,67E-10 | 17,714469 | INMT |
| WWC3 | 1,0394563 | 7,6461407 | 13,336524 | 4,81E-12 | 6,67E-10 | 17,714347 | WWC3 |
| PTPN3 | -1,468674 | 6,5035466 | -13,3352 | 4,82E-12 | 6,67E-10 | 17,712384 | PTPN3 |
| HOXC6 | 3,4874991 | 8,1566881 | 13,329754 | 4,85E-12 | 6,68E-10 | 17,704297 | HOXC6 |
| LOC101928635 | -3,334853 | 8,7973297 | -13,30819 | 5,01E-12 | 6,86E-10 | 17,672267 | LOC101928635 |
| DCLK1 | 1,8080454 | 6,1910236 | 13,280415 | 5,22E-12 | 7,10E-10 | 17,63093 | DCLK1 |
| SALL1 | -3,152289 | 6,5907996 | -13,26723 | 5,33E-12 | 7,20E-10 | 17,61128 | SALL1 |
| DHRS2 | 3,7307744 | 5,7807009 | 13,259055 | 5,39E-12 | 7,24E-10 | 17,599097 | DHRS2 |
| CLDN3 | -2,077805 | 7,7883485 | -13,23911 | 5,55E-12 | 7,41E-10 | 17,569332 | CLDN3 |
| GATA6-AS1 | 1,3132558 | 6,1767741 | 13,216929 | 5,74E-12 | 7,61E-10 | 17,536188 | GATA6-AS1 |
| EMX2 | -1,745146 | 8,0111604 | -13,18037 | 6,06E-12 | 7,99E-10 | 17,48146 | EMX2 |
| FLRT3 | 2,4786099 | 6,8037112 | 13,16738 | 6,18E-12 | 8,10E-10 | 17,461979 | FLRT3 |
| PBX3 | 2,0754718 | 8,0248637 | 13,140576 | 6,43E-12 | 8,33E-10 | 17,421738 | PBX3 |
| DENND5B | 2,086581 | 7,3406483 | 13,121111 | 6,63E-12 | 8,48E-10 | 17,392471 | DENND5B |
| PDGFD | 2,6212098 | 8,0472279 | 13,111869 | 6,72E-12 | 8,48E-10 | 17,378562 | PDGFD |
| SYTL2 | 2,2957135 | 7,0997322 | 13,107873 | 6,76E-12 | 8,48E-10 | 17,372547 | SYTL2 |
| PLN | 3,0935144 | 6,8702429 | 13,106568 | 6,77E-12 | 8,48E-10 | 17,370582 | PLN |
| TGFBR3 | 2,9102589 | 8,9194551 | 13,10618 | 6,78E-12 | 8,48E-10 | 17,369997 | TGFBR3 |
| CPNE8 | 1,547608 | 6,0797922 | 13,105016 | 6,79E-12 | 8,48E-10 | 17,368245 | CPNE8 |
| NECTIN3 | 1,3906162 | 5,5351746 | 13,064103 | 7,22E-12 | 8,97E-10 | 17,306549 | NECTIN3 |
| VWF | 1,2247961 | 9,2404449 | 13,046601 | 7,41E-12 | 9,16E-10 | 17,280107 | VWF |
| RNASE1 | 1,7883275 | 9,2649659 | 12,985704 | 8,12E-12 | 9,93E-10 | 17,187874 | RNASE1 |
| NRP2 | 1,9868638 | 7,419414 | 12,972737 | 8,28E-12 | 1,01E-09 | 17,168188 | NRP2 |
| FZD7 | 3,3362784 | 6,8332701 | 12,961349 | 8,43E-12 | 1,02E-09 | 17,150886 | FZD7 |
| NXN | -1,152675 | 9,3329249 | -12,94131 | 8,69E-12 | 1,04E-09 | 17,120404 | NXN |
| FCHSD2 | 1,1915106 | 7,427245 | 12,934497 | 8,78E-12 | 1,05E-09 | 17,110039 | FCHSD2 |
| ABCA9 | 2,0895551 | 6,0869028 | 12,911734 | 9,09E-12 | 1,08E-09 | 17,075357 | ABCA9 |
| FHL2 | 2,3222302 | 9,810612 | 12,902585 | 9,21E-12 | 1,09E-09 | 17,061403 | FHL2 |
| CSDC2 | 1,3765271 | 7,1531332 | 12,882396 | 9,50E-12 | 1,11E-09 | 17,030583 | CSDC2 |
| GNG12 | 1,0219082 | 9,0892419 | 12,880598 | 9,53E-12 | 1,11E-09 | 17,027836 | GNG12 |
| ALDH3B2 | -1,118779 | 4,7743384 | -12,83826 | 1,02E-11 | 1,18E-09 | 16,963068 | ALDH3B2 |
| FGF7 | 2,7673692 | 6,2438945 | 12,783004 | 1,11E-11 | 1,28E-09 | 16,878269 | FGF7 |
| LOC100506098 | -1,066814 | 5,4503427 | -12,74982 | 1,16E-11 | 1,34E-09 | 16,827199 | LOC100506098 |
| TMC4 | -1,880199 | 6,8099894 | -12,74143 | 1,18E-11 | 1,35E-09 | 16,814267 | TMC4 |
| PAPSS2 | 1,9729873 | 9,5444916 | 12,682512 | 1,29E-11 | 1,47E-09 | 16,723276 | PAPSS2 |
| FMO2 | 2,446168 | 6,4497685 | 12,653325 | 1,35E-11 | 1,53E-09 | 16,678072 | FMO2 |
| EPCAM | -4,604978 | 8,2413816 | -12,59128 | 1,49E-11 | 1,67E-09 | 16,581692 | EPCAM |
| COLEC11 | 2,5679754 | 7,8052657 | 12,570676 | 1,53E-11 | 1,72E-09 | 16,549605 | COLEC11 |
| TMEM30B | -2,178798 | 6,4505368 | -12,56459 | 1,55E-11 | 1,73E-09 | 16,540113 | TMEM30B |
| FZD4 | 1,1219435 | 7,409153 | 12,552141 | 1,58E-11 | 1,75E-09 | 16,520699 | FZD4 |
| FAM46A | 1,7758856 | 8,5017383 | 12,538495 | 1,61E-11 | 1,78E-09 | 16,499398 | FAM46A |
| GPM6B | -2,514762 | 7,0132861 | -12,53491 | 1,62E-11 | 1,78E-09 | 16,493795 | GPM6B |
| HSPA12A | 1,0504736 | 7,2845 | 12,500421 | 1,71E-11 | 1,86E-09 | 16,439861 | HSPA12A |
| LOC102724156 | -1,520389 | 5,7468923 | -12,47886 | 1,77E-11 | 1,91E-09 | 16,406087 | LOC102724156 |
| CCDC3 | 2,1872901 | 8,1789757 | 12,471353 | 1,79E-11 | 1,93E-09 | 16,394309 | CCDC3 |
| JAK3 | 1,7807708 | 6,8533096 | 12,467756 | 1,80E-11 | 1,93E-09 | 16,388666 | JAK3 |
| CDK1 | -2,798299 | 7,0913061 | -12,46329 | 1,81E-11 | 1,93E-09 | 16,381653 | CDK1 |
| CTAGE5 | -1,078555 | 6,1445463 | -12,46006 | 1,82E-11 | 1,93E-09 | 16,37659 | CTAGE5 |
| AEBP1 | 2,7187564 | 10,006979 | 12,452486 | 1,84E-11 | 1,95E-09 | 16,364695 | AEBP1 |
| STRBP | -1,133127 | 6,6324373 | -12,43086 | 1,91E-11 | 2,00E-09 | 16,330706 | STRBP |
| MAN1C1 | 1,6157897 | 7,2604867 | 12,425832 | 1,92E-11 | 2,01E-09 | 16,322799 | MAN1C1 |
| SERINC2 | -1,825858 | 6,9389296 | -12,37455 | 2,08E-11 | 2,16E-09 | 16,241993 | SERINC2 |
| PRKAR2B | 2,7568207 | 7,9840604 | 12,367738 | 2,10E-11 | 2,16E-09 | 16,231232 | PRKAR2B |
| TMEM176B | 2,8179716 | 8,0358314 | 12,363899 | 2,12E-11 | 2,16E-09 | 16,225169 | TMEM176B |
| HMGB3 | -1,715739 | 7,827518 | -12,36153 | 2,13E-11 | 2,16E-09 | 16,221421 | HMGB3 |
| ERBB3 | -2,950226 | 6,4777309 | -12,36045 | 2,13E-11 | 2,16E-09 | 16,219718 | ERBB3 |
| C10orf54 | 1,4424547 | 6,9263732 | 12,338854 | 2,20E-11 | 2,22E-09 | 16,185577 | C10orf54 |
| GAS1 | 2,9661119 | 9,1982237 | 12,238094 | 2,58E-11 | 2,59E-09 | 16,025639 | GAS1 |
| ABCA6 | 2,7561159 | 5,4739633 | 12,224024 | 2,64E-11 | 2,63E-09 | 16,003221 | ABCA6 |
| OVOL2 | -1,540436 | 6,1329941 | -12,21988 | 2,66E-11 | 2,64E-09 | 15,996616 | OVOL2 |
| PROS1 | 2,8992543 | 8,202439 | 12,174197 | 2,86E-11 | 2,83E-09 | 15,923668 | PROS1 |
| CNDP2 | -1,62383 | 9,3907778 | -12,15449 | 2,95E-11 | 2,90E-09 | 15,892124 | CNDP2 |
| EXPH5 | -1,479033 | 6,2402615 | -12,15057 | 2,97E-11 | 2,91E-09 | 15,885859 | EXPH5 |
| FAM129A | 2,1860291 | 7,218753 | 12,145009 | 2,99E-11 | 2,92E-09 | 15,876945 | FAM129A |
| ANGPT1 | 1,7208732 | 6,1950161 | 12,107139 | 3,18E-11 | 3,07E-09 | 15,816195 | ANGPT1 |
| IP6K2 | -1,211862 | 8,2208028 | -12,10572 | 3,19E-11 | 3,07E-09 | 15,81391 | IP6K2 |
| TXN | -1,484102 | 10,283256 | -12,10571 | 3,19E-11 | 3,07E-09 | 15,813894 | TXN |
| MYH11 | 3,7083765 | 8,7478493 | 12,087813 | 3,28E-11 | 3,14E-09 | 15,785133 | MYH11 |
| ENOX1 | 1,5258344 | 6,2417387 | 12,072517 | 3,36E-11 | 3,21E-09 | 15,760521 | ENOX1 |
| PALM2-AKAP2 | 1,7217417 | 8,575472 | 12,06448 | 3,40E-11 | 3,23E-09 | 15,747579 | PALM2-AKAP2 |
| TMEM245 | 1,0515799 | 8,7821791 | 12,05079 | 3,48E-11 | 3,28E-09 | 15,725519 | TMEM245 |
| MAL2 | -3,414242 | 6,5423359 | -12,04961 | 3,49E-11 | 3,28E-09 | 15,723617 | MAL2 |
| TACC1 | 1,0658312 | 9,6647797 | 12,02782 | 3,61E-11 | 3,38E-09 | 15,688461 | TACC1 |
| LGALS8 | 1,0974471 | 7,6344551 | 12,002743 | 3,76E-11 | 3,51E-09 | 15,647938 | LGALS8 |
| SHANK2 | -2,273482 | 5,2103102 | -11,99981 | 3,78E-11 | 3,51E-09 | 15,6432 | SHANK2 |
| PAMR1 | -2,968282 | 9,3996507 | -11,99463 | 3,81E-11 | 3,52E-09 | 15,634809 | PAMR1 |
| UCA1 | -3,545997 | 7,511561 | -11,98977 | 3,84E-11 | 3,53E-09 | 15,626949 | UCA1 |
| TSPAN5 | 1,2799448 | 8,2993601 | 11,987897 | 3,85E-11 | 3,53E-09 | 15,623918 | TSPAN5 |
| WDR72 | -2,211399 | 5,3222407 | -11,98307 | 3,88E-11 | 3,54E-09 | 15,616095 | WDR72 |
| HOXD8 | 1,3712057 | 6,9556874 | 11,973951 | 3,94E-11 | 3,57E-09 | 15,601332 | HOXD8 |
| DPYD | 1,9637739 | 7,4769226 | 11,973852 | 3,94E-11 | 3,57E-09 | 15,601171 | DPYD |
| SDPR | 2,2482888 | 6,8502635 | 11,964057 | 4,00E-11 | 3,61E-09 | 15,585295 | SDPR |
| STAR | 4,7168769 | 7,7657679 | 11,915682 | 4,32E-11 | 3,89E-09 | 15,506738 | STAR |
| KLF2 | 2,6816729 | 8,7884 | 11,896347 | 4,46E-11 | 3,98E-09 | 15,475271 | KLF2 |
| MOGAT1 | -1,633767 | 6,4558819 | -11,89024 | 4,50E-11 | 4,00E-09 | 15,465317 | MOGAT1 |
| LIMS4 | -1,144743 | 9,9995539 | -11,87958 | 4,58E-11 | 4,05E-09 | 15,447943 | LIMS4 |
| SGK223 | 1,4455035 | 7,4726372 | 11,870841 | 4,65E-11 | 4,09E-09 | 15,433698 | SGK223 |
| LOC101928269 | 1,7838876 | 7,930522 | 11,860139 | 4,73E-11 | 4,15E-09 | 15,416234 | LOC101928269 |
| CDH3 | 2,7753389 | 8,1031636 | 11,851368 | 4,80E-11 | 4,19E-09 | 15,401911 | CDH3 |
| HTRA1 | 1,8113139 | 9,7485618 | 11,840623 | 4,88E-11 | 4,25E-09 | 15,384354 | HTRA1 |
| FRZB | 2,4473046 | 6,9886905 | 11,83526 | 4,92E-11 | 4,27E-09 | 15,375586 | FRZB |
| TSC22D3 | 1,5732541 | 8,8695453 | 11,830517 | 4,96E-11 | 4,28E-09 | 15,367831 | TSC22D3 |
| CMYA5 | 1,3136034 | 7,1949506 | 11,815731 | 5,08E-11 | 4,37E-09 | 15,343634 | CMYA5 |
| TFCP2L1 | -1,191908 | 6,2726109 | -11,81145 | 5,12E-11 | 4,38E-09 | 15,336622 | TFCP2L1 |
| OPTN | 1,9949603 | 7,6873848 | 11,809024 | 5,14E-11 | 4,38E-09 | 15,332651 | OPTN |
| CSGALNACT1 | 2,5656691 | 6,5342379 | 11,79393 | 5,27E-11 | 4,47E-09 | 15,307915 | CSGALNACT1 |
| RASSF9 | 1,4042798 | 5,6572398 | 11,776114 | 5,42E-11 | 4,57E-09 | 15,278688 | RASSF9 |
| TMEM176A | 1,7563622 | 7,9621523 | 11,772494 | 5,45E-11 | 4,57E-09 | 15,272744 | TMEM176A |
| RPL23AP32 | 1,2231312 | 7,7638097 | 11,771977 | 5,46E-11 | 4,57E-09 | 15,271896 | RPL23AP32 |
| DOCK4 | 1,5576078 | 7,5205284 | 11,765146 | 5,52E-11 | 4,60E-09 | 15,260678 | DOCK4 |
| CLDN7 | -1,37312 | 6,9074308 | -11,74439 | 5,71E-11 | 4,74E-09 | 15,226564 | CLDN7 |
| CACNA1D | -2,851751 | 6,5535596 | -11,74004 | 5,75E-11 | 4,75E-09 | 15,219408 | CACNA1D |
| SHROOM3 | -2,099517 | 7,2740919 | -11,73057 | 5,84E-11 | 4,81E-09 | 15,203816 | SHROOM3 |
| PCOLCE | -1,511316 | 9,9461876 | -11,7101 | 6,04E-11 | 4,96E-09 | 15,170088 | PCOLCE |
| MCCC2 | -1,33418 | 8,0413686 | -11,68894 | 6,25E-11 | 5,11E-09 | 15,135176 | MCCC2 |
| RAB29 | 1,3923433 | 7,254566 | 11,686329 | 6,28E-11 | 5,11E-09 | 15,130869 | RAB29 |
| ADAMTS9 | -2,093735 | 8,676752 | -11,68425 | 6,30E-11 | 5,11E-09 | 15,127439 | ADAMTS9 |
| ARHGEF28 | 1,2882206 | 7,2238449 | 11,675891 | 6,38E-11 | 5,16E-09 | 15,113628 | ARHGEF28 |
| MMP26 | -4,519096 | 7,6075335 | -11,64857 | 6,68E-11 | 5,38E-09 | 15,068442 | MMP26 |
| AOC3 | 2,0985463 | 7,3387397 | 11,612065 | 7,09E-11 | 5,67E-09 | 15,007941 | AOC3 |
| LY75-CD302 | 1,8456097 | 8,3311277 | 11,582904 | 7,44E-11 | 5,93E-09 | 14,959506 | LY75-CD302 |
| MN1 | 1,8948659 | 6,9121331 | 11,525795 | 8,17E-11 | 6,44E-09 | 14,864379 | MN1 |
| SLC48A1 | 1,0277661 | 7,5912754 | 11,523981 | 8,20E-11 | 6,44E-09 | 14,861351 | SLC48A1 |
| UBE2QL1 | 1,4751741 | 6,2733931 | 11,518216 | 8,28E-11 | 6,48E-09 | 14,851726 | UBE2QL1 |
| ZNF275 | 1,4299118 | 9,0200005 | 11,499054 | 8,54E-11 | 6,66E-09 | 14,819713 | ZNF275 |
| ECM1 | -2,891524 | 8,7940557 | -11,49584 | 8,59E-11 | 6,67E-09 | 14,814345 | ECM1 |
| GRK5 | 1,7171447 | 8,1263128 | 11,475234 | 8,89E-11 | 6,88E-09 | 14,779857 | GRK5 |
| CD248 | -1,175315 | 8,3778837 | -11,45633 | 9,17E-11 | 7,08E-09 | 14,748176 | CD248 |
| HS3ST1 | 2,8767317 | 7,9912141 | 11,445041 | 9,35E-11 | 7,17E-09 | 14,729251 | HS3ST1 |
| SNX29P1 | 1,2769131 | 4,6778432 | 11,444141 | 9,36E-11 | 7,17E-09 | 14,72774 | SNX29P1 |
| SLC22A5 | -1,36522 | 6,6908148 | -11,43869 | 9,45E-11 | 7,19E-09 | 14,718592 | SLC22A5 |
| TMEM139 | -1,494257 | 5,7161687 | -11,43491 | 9,51E-11 | 7,20E-09 | 14,712254 | TMEM139 |
| FYCO1 | 1,1458846 | 7,9978829 | 11,42381 | 9,68E-11 | 7,29E-09 | 14,693604 | FYCO1 |
| MYO5B | -1,619674 | 6,4571194 | -11,42325 | 9,69E-11 | 7,29E-09 | 14,692662 | MYO5B |
| KLHL13 | -1,21691 | 7,2170638 | -11,41952 | 9,75E-11 | 7,31E-09 | 14,686402 | KLHL13 |
| ECI1 | -1,810712 | 8,3518065 | -11,41471 | 9,83E-11 | 7,33E-09 | 14,678306 | ECI1 |
| GCNT2 | -1,914764 | 6,8066099 | -11,39425 | 1,02E-10 | 7,55E-09 | 14,643895 | GCNT2 |
| PROK1 | 2,9083351 | 7,7429703 | 11,384197 | 1,03E-10 | 7,65E-09 | 14,626957 | PROK1 |
| NR1H4 | 1,8728015 | 5,5065509 | 11,372125 | 1,06E-10 | 7,78E-09 | 14,606614 | NR1H4 |
| TPD52 | -2,11946 | 7,4212616 | -11,36268 | 1,07E-10 | 7,88E-09 | 14,59069 | TPD52 |
| PDGFRL | 1,7212677 | 7,9958073 | 11,354027 | 1,09E-10 | 7,94E-09 | 14,576082 | PDGFRL |
| NOD1 | 1,0342453 | 7,612077 | 11,335025 | 1,12E-10 | 8,17E-09 | 14,543986 | NOD1 |
| PTCH1 | -3,075298 | 9,2301728 | -11,32953 | 1,13E-10 | 8,22E-09 | 14,534705 | PTCH1 |
| MMRN2 | 1,2005202 | 6,8158864 | 11,327139 | 1,14E-10 | 8,22E-09 | 14,530655 | MMRN2 |
| GIMAP8 | 2,0908232 | 6,3331878 | 11,305233 | 1,18E-10 | 8,50E-09 | 14,493586 | GIMAP8 |
| TIMP1 | 2,3371651 | 11,38105 | 11,282977 | 1,23E-10 | 8,80E-09 | 14,455868 | TIMP1 |
| RFPL1S | 1,1265631 | 4,8257817 | 11,266965 | 1,26E-10 | 9,01E-09 | 14,428697 | RFPL1S |
| POC1B | -1,570128 | 7,4075153 | -11,26178 | 1,27E-10 | 9,06E-09 | 14,419894 | POC1B |
| ITM2A | 2,4602697 | 8,3741391 | 11,259037 | 1,28E-10 | 9,07E-09 | 14,415233 | ITM2A |
| TCEAL3 | 1,1356645 | 9,3675938 | 11,236819 | 1,32E-10 | 9,34E-09 | 14,377462 | TCEAL3 |
| NEXN | 2,7728507 | 7,1986348 | 11,235932 | 1,33E-10 | 9,34E-09 | 14,375954 | NEXN |
| PCNX1 | 1,2290692 | 7,3356818 | 11,225465 | 1,35E-10 | 9,45E-09 | 14,35814 | PCNX1 |
| ST3GAL4 | 1,1077963 | 7,0147662 | 11,223851 | 1,35E-10 | 9,45E-09 | 14,355392 | ST3GAL4 |
| ST6GALNAC5 | 2,3874759 | 5,4754983 | 11,223249 | 1,36E-10 | 9,45E-09 | 14,354368 | ST6GALNAC5 |
| REV3L | -1,766934 | 9,0013067 | -11,19279 | 1,43E-10 | 9,81E-09 | 14,302455 | REV3L |
| TRABD2A | 1,8202757 | 6,8812816 | 11,192362 | 1,43E-10 | 9,81E-09 | 14,301721 | TRABD2A |
| CDK2AP1 | -1,066116 | 10,451876 | -11,19051 | 1,43E-10 | 9,81E-09 | 14,298561 | CDK2AP1 |
| BOC | 1,9558437 | 8,3094122 | 11,189387 | 1,43E-10 | 9,81E-09 | 14,296644 | BOC |
| HOMER2 | -1,641841 | 5,9817343 | -11,14766 | 1,54E-10 | 1,05E-08 | 14,225332 | HOMER2 |
| RCAN3 | -1,565225 | 6,4930523 | -11,14765 | 1,54E-10 | 1,05E-08 | 14,225308 | RCAN3 |
| UBXN8 | 1,9695746 | 7,4977268 | 11,142512 | 1,55E-10 | 1,05E-08 | 14,216521 | UBXN8 |
| MAP3K1 | -1,23295 | 8,4278651 | -11,13577 | 1,57E-10 | 1,06E-08 | 14,204973 | MAP3K1 |
| ID1 | -2,329212 | 10,168856 | -11,13155 | 1,58E-10 | 1,06E-08 | 14,197751 | ID1 |
| COL8A1 | 4,3298811 | 6,9450727 | 11,126608 | 1,60E-10 | 1,07E-08 | 14,18928 | COL8A1 |
| PPP1R3C | 1,6079332 | 6,4452713 | 11,126171 | 1,60E-10 | 1,07E-08 | 14,188532 | PPP1R3C |
| ACTG2 | 3,5481585 | 8,0595832 | 11,114501 | 1,63E-10 | 1,08E-08 | 14,168524 | ACTG2 |
| ANGPTL1 | 2,7015488 | 5,9687825 | 11,106914 | 1,65E-10 | 1,09E-08 | 14,155508 | ANGPTL1 |
| SIPA1L2 | 1,4864688 | 8,4807341 | 11,105328 | 1,65E-10 | 1,09E-08 | 14,152786 | SIPA1L2 |
| AOX1 | 3,3198041 | 7,0462551 | 11,103781 | 1,66E-10 | 1,09E-08 | 14,150131 | AOX1 |
| SNX18 | 1,1643435 | 9,1734523 | 11,089074 | 1,70E-10 | 1,12E-08 | 14,124876 | SNX18 |
| PCED1B | 1,2598786 | 6,6821709 | 11,082117 | 1,72E-10 | 1,13E-08 | 14,112922 | PCED1B |
| MSANTD3-TMEFF1 | -1,969301 | 6,967391 | -11,0813 | 1,72E-10 | 1,13E-08 | 14,111515 | MSANTD3-TMEFF1 |
| MSC-AS1 | 1,9249089 | 5,5867204 | 11,062402 | 1,78E-10 | 1,16E-08 | 14,079012 | MSC-AS1 |
| HOXA10-HOXA9 | -3,016479 | 7,0068306 | -11,031 | 1,88E-10 | 1,22E-08 | 14,024904 | HOXA10-HOXA9 |
| TNFSF13B | 2,3803664 | 6,8908036 | 11,011785 | 1,94E-10 | 1,26E-08 | 13,991746 | TNFSF13B |
| CMTM6 | -1,350337 | 9,7554743 | -11,01002 | 1,95E-10 | 1,26E-08 | 13,988704 | CMTM6 |
| PGM1 | 1,0406167 | 9,3101164 | 11,005616 | 1,96E-10 | 1,26E-08 | 13,98109 | PGM1 |
| HOXB8 | -1,271229 | 4,7387232 | -11,0003 | 1,98E-10 | 1,27E-08 | 13,971909 | HOXB8 |
| SPTBN1 | 1,2003006 | 10,421561 | 10,987997 | 2,02E-10 | 1,29E-08 | 13,950633 | SPTBN1 |
| SCNN1A | -2,650466 | 7,0954502 | -10,97713 | 2,06E-10 | 1,31E-08 | 13,931837 | SCNN1A |
| CYBRD1 | 2,1498942 | 9,3406638 | 10,969792 | 2,08E-10 | 1,32E-08 | 13,919125 | CYBRD1 |
| FREM2 | -2,405218 | 5,2653129 | -10,96917 | 2,09E-10 | 1,32E-08 | 13,918045 | FREM2 |
| C9orf152 | -2,325892 | 5,3564492 | -10,96896 | 2,09E-10 | 1,32E-08 | 13,917686 | C9orf152 |
| ST3GAL4-AS1 | 1,0588622 | 6,7490541 | 10,967863 | 2,09E-10 | 1,32E-08 | 13,915783 | ST3GAL4-AS1 |
| GATA2 | -1,76599 | 7,6991788 | -10,95627 | 2,13E-10 | 1,34E-08 | 13,895698 | GATA2 |
| IDH2 | -1,173099 | 7,8934867 | -10,94381 | 2,18E-10 | 1,37E-08 | 13,874084 | IDH2 |
| SOX17 | -3,58704 | 8,4451081 | -10,93986 | 2,19E-10 | 1,37E-08 | 13,867235 | SOX17 |
| CXADR | -2,548229 | 7,6423234 | -10,87487 | 2,45E-10 | 1,53E-08 | 13,754211 | CXADR |
| SDK1 | -1,927893 | 6,7887545 | -10,86589 | 2,49E-10 | 1,54E-08 | 13,738563 | SDK1 |
| ACSS3 | 1,4761378 | 7,4812117 | 10,864678 | 2,50E-10 | 1,54E-08 | 13,736445 | ACSS3 |
| LOC101929219 | -4,810953 | 8,7399154 | -10,85955 | 2,52E-10 | 1,55E-08 | 13,727503 | LOC101929219 |
| ENPP6 | 2,385923 | 4,6384751 | 10,847147 | 2,57E-10 | 1,58E-08 | 13,705853 | ENPP6 |
| PLPP1 | -1,747373 | 9,5139295 | -10,8451 | 2,58E-10 | 1,58E-08 | 13,702277 | PLPP1 |
| CLIP4 | 2,2759067 | 7,7478103 | 10,844712 | 2,59E-10 | 1,58E-08 | 13,7016 | CLIP4 |
| CHST15 | 1,4698622 | 8,2917727 | 10,832455 | 2,64E-10 | 1,60E-08 | 13,680186 | CHST15 |
| C16orf46 | -1,277284 | 5,9458739 | -10,83113 | 2,65E-10 | 1,60E-08 | 13,677868 | C16orf46 |
| IL4R | 1,3360249 | 7,0658703 | 10,825596 | 2,67E-10 | 1,61E-08 | 13,668195 | IL4R |
| PRSS35 | 2,5255236 | 5,9089703 | 10,813931 | 2,73E-10 | 1,64E-08 | 13,647789 | PRSS35 |
| SLC23A2 | 1,1513466 | 7,6337387 | 10,81099 | 2,74E-10 | 1,65E-08 | 13,642641 | SLC23A2 |
| F8 | 1,540065 | 6,6900499 | 10,798126 | 2,80E-10 | 1,67E-08 | 13,620117 | F8 |
| FAM19A2 | 2,2282776 | 5,7793825 | 10,796755 | 2,81E-10 | 1,67E-08 | 13,617714 | FAM19A2 |
| CCDC181 | 1,365466 | 5,6747242 | 10,789539 | 2,84E-10 | 1,68E-08 | 13,605068 | CCDC181 |
| PCGF5 | 1,1342038 | 7,9187052 | 10,789276 | 2,85E-10 | 1,68E-08 | 13,604607 | PCGF5 |
| MINOS1-NBL1 | 1,929693 | 9,7883842 | 10,784523 | 2,87E-10 | 1,69E-08 | 13,596275 | MINOS1-NBL1 |
| CTSL | 1,2648154 | 8,9998558 | 10,769906 | 2,94E-10 | 1,73E-08 | 13,570633 | CTSL |
| PON3 | 1,7257446 | 6,334471 | 10,757333 | 3,01E-10 | 1,76E-08 | 13,548555 | PON3 |
| HAND2-AS1 | -1,748993 | 7,2973884 | -10,7555 | 3,02E-10 | 1,76E-08 | 13,545332 | HAND2-AS1 |
| PLCH1 | -1,568405 | 5,3190199 | -10,75373 | 3,03E-10 | 1,76E-08 | 13,54222 | PLCH1 |
| WBP1L | 1,1533823 | 8,6156654 | 10,752097 | 3,04E-10 | 1,76E-08 | 13,539357 | WBP1L |
| PIP5K1B | -2,905423 | 6,6391301 | -10,74059 | 3,10E-10 | 1,79E-08 | 13,519123 | PIP5K1B |
| QSOX1 | 1,1297634 | 7,8155692 | 10,730113 | 3,15E-10 | 1,82E-08 | 13,500696 | QSOX1 |
| AKAP12 | 2,0645104 | 9,0503549 | 10,724038 | 3,19E-10 | 1,83E-08 | 13,490003 | AKAP12 |
| ESYT2 | 1,2154734 | 8,5736211 | 10,718344 | 3,22E-10 | 1,84E-08 | 13,479976 | ESYT2 |
| MYO1D | 1,3805378 | 6,0946443 | 10,717851 | 3,22E-10 | 1,84E-08 | 13,479108 | MYO1D |
| LRP1 | 1,3020736 | 8,1247769 | 10,707564 | 3,28E-10 | 1,87E-08 | 13,460984 | LRP1 |
| PPP2R2C | -2,618826 | 6,8532947 | -10,66413 | 3,54E-10 | 2,01E-08 | 13,384318 | PPP2R2C |
| LPAR4 | 1,355264 | 4,9759404 | 10,661249 | 3,56E-10 | 2,01E-08 | 13,379225 | LPAR4 |
| ROBO3 | 1,340456 | 6,7612944 | 10,659377 | 3,57E-10 | 2,02E-08 | 13,375914 | ROBO3 |
| RAMP1 | -1,341723 | 8,0174926 | -10,65025 | 3,63E-10 | 2,04E-08 | 13,359765 | RAMP1 |
| ST6GALNAC1 | -2,203243 | 6,8115797 | -10,64445 | 3,66E-10 | 2,06E-08 | 13,349513 | ST6GALNAC1 |
| TENM4 | 1,504128 | 7,1117345 | 10,631738 | 3,75E-10 | 2,10E-08 | 13,326997 | TENM4 |
| AKR1C1 | 1,1932532 | 7,6943239 | 10,625373 | 3,79E-10 | 2,12E-08 | 13,31572 | AKR1C1 |
| AGR2 | -3,804643 | 7,4196734 | -10,61843 | 3,83E-10 | 2,14E-08 | 13,303417 | AGR2 |
| TJP3 | -1,091199 | 6,2536883 | -10,61766 | 3,84E-10 | 2,14E-08 | 13,302042 | TJP3 |
| AQP11 | 1,8413914 | 6,4422154 | 10,584518 | 4,07E-10 | 2,26E-08 | 13,243213 | AQP11 |
| NGF | 1,2974803 | 6,4158908 | 10,568621 | 4,18E-10 | 2,32E-08 | 13,214946 | NGF |
| TMEM47 | 1,957275 | 8,233704 | 10,567103 | 4,20E-10 | 2,32E-08 | 13,212246 | TMEM47 |
| CD47 | 1,4316174 | 8,5305483 | 10,5644 | 4,22E-10 | 2,32E-08 | 13,207435 | CD47 |
| FRY | 1,9759391 | 7,2235003 | 10,559006 | 4,26E-10 | 2,33E-08 | 13,197835 | FRY |
| ACSL5 | -2,097363 | 8,1165504 | -10,54911 | 4,33E-10 | 2,37E-08 | 13,180213 | ACSL5 |
| LINC00261 | -1,165796 | 6,3071684 | -10,54127 | 4,39E-10 | 2,39E-08 | 13,166242 | LINC00261 |
| ARSJ | -1,224248 | 5,5550852 | -10,53482 | 4,44E-10 | 2,41E-08 | 13,154736 | ARSJ |
| CAB39L | 1,3010453 | 6,4701477 | 10,532508 | 4,46E-10 | 2,42E-08 | 13,150621 | CAB39L |
| HOXB3 | -3,181869 | 7,3153686 | -10,52863 | 4,49E-10 | 2,42E-08 | 13,143713 | HOXB3 |
| RNASET2 | -1,892397 | 10,133321 | -10,52088 | 4,55E-10 | 2,45E-08 | 13,12987 | RNASET2 |
| MSX2 | -3,981979 | 5,9193692 | -10,51694 | 4,58E-10 | 2,46E-08 | 13,122837 | MSX2 |
| MIR10A | -1,385818 | 6,5138222 | -10,50642 | 4,67E-10 | 2,50E-08 | 13,104054 | MIR10A |
| IRF2BPL | 1,2476183 | 9,6777897 | 10,501547 | 4,71E-10 | 2,51E-08 | 13,095349 | IRF2BPL |
| HPN | -1,292728 | 6,0484022 | -10,49823 | 4,74E-10 | 2,52E-08 | 13,089419 | HPN |
| FOXP1 | 1,7183676 | 9,642864 | 10,49333 | 4,78E-10 | 2,54E-08 | 13,080659 | FOXP1 |
| ZC3H12C | 1,0893751 | 6,6829285 | 10,490796 | 4,80E-10 | 2,54E-08 | 13,076128 | ZC3H12C |
| DPP6 | -2,267765 | 6,6709546 | -10,47411 | 4,94E-10 | 2,61E-08 | 13,046268 | DPP6 |
| AFAP1-AS1 | 1,1715402 | 6,1257155 | 10,469654 | 4,98E-10 | 2,62E-08 | 13,038292 | AFAP1-AS1 |
| ECM2 | 2,3845576 | 8,0589239 | 10,467739 | 5,00E-10 | 2,62E-08 | 13,034862 | ECM2 |
| FGFR1 | 1,0735237 | 8,7074711 | 10,467649 | 5,00E-10 | 2,62E-08 | 13,034701 | FGFR1 |
| RORB | -3,128105 | 7,4999629 | -10,46286 | 5,04E-10 | 2,64E-08 | 13,026129 | RORB |
| ENG | 1,2232284 | 8,7066219 | 10,46103 | 5,06E-10 | 2,64E-08 | 13,022843 | ENG |
| HAPLN4 | -1,108686 | 6,0378648 | -10,45627 | 5,10E-10 | 2,65E-08 | 13,014307 | HAPLN4 |
| CD24 | -4,691621 | 9,9264739 | -10,45519 | 5,11E-10 | 2,65E-08 | 13,012378 | CD24 |
| DSP | -2,01758 | 8,2518737 | -10,45016 | 5,16E-10 | 2,67E-08 | 13,003362 | DSP |
| MYLK | 2,1253678 | 10,377785 | 10,447775 | 5,18E-10 | 2,68E-08 | 12,999078 | MYLK |
| FBLN7 | -1,090901 | 6,2803667 | -10,41253 | 5,51E-10 | 2,84E-08 | 12,935787 | FBLN7 |
| MPDZ | 1,3402967 | 8,2948249 | 10,398925 | 5,65E-10 | 2,88E-08 | 12,911317 | MPDZ |
| FABP4 | 2,9238978 | 6,284497 | 10,396402 | 5,67E-10 | 2,88E-08 | 12,906778 | FABP4 |
| ELMO1 | 1,0201019 | 5,5449274 | 10,383544 | 5,81E-10 | 2,94E-08 | 12,883626 | ELMO1 |
| PLSCR1 | 1,4495297 | 8,8718098 | 10,375527 | 5,89E-10 | 2,97E-08 | 12,869179 | PLSCR1 |
| LOC100507547 | 1,3146792 | 6,6488615 | 10,37499 | 5,89E-10 | 2,97E-08 | 12,868212 | LOC100507547 |
| EPHX1 | 1,0641332 | 9,3557777 | 10,361419 | 6,04E-10 | 3,04E-08 | 12,843741 | EPHX1 |
| LYVE1 | 1,9398777 | 6,7009963 | 10,323885 | 6,46E-10 | 3,24E-08 | 12,775942 | LYVE1 |
| PDLIM1 | -1,606562 | 10,02106 | -10,31635 | 6,55E-10 | 3,27E-08 | 12,762315 | PDLIM1 |
| SLC4A3 | 1,1360896 | 6,7430929 | 10,30642 | 6,66E-10 | 3,32E-08 | 12,744336 | SLC4A3 |
| PRR15 | -2,589609 | 7,041007 | -10,30633 | 6,66E-10 | 3,32E-08 | 12,744172 | PRR15 |
| MRC1 | 2,212475 | 7,1927305 | 10,305183 | 6,68E-10 | 3,32E-08 | 12,742096 | MRC1 |
| IDS | 1,1618671 | 8,2073991 | 10,278964 | 7,00E-10 | 3,47E-08 | 12,694573 | IDS |
| RNASE4 | 2,751677 | 7,732237 | 10,275756 | 7,04E-10 | 3,48E-08 | 12,688753 | RNASE4 |
| CDCP1 | -1,020907 | 6,2730153 | -10,27488 | 7,05E-10 | 3,48E-08 | 12,687169 | CDCP1 |
| SHISA6 | -2,637728 | 5,6010507 | -10,27067 | 7,10E-10 | 3,50E-08 | 12,679525 | SHISA6 |
| HOXA11-AS | -1,92528 | 5,7029701 | -10,22533 | 7,71E-10 | 3,78E-08 | 12,597093 | HOXA11-AS |
| CNOT11 | -1,005913 | 7,8649968 | -10,2238 | 7,73E-10 | 3,78E-08 | 12,59432 | CNOT11 |
| C2orf88 | -3,296513 | 7,1473967 | -10,21498 | 7,85E-10 | 3,82E-08 | 12,578256 | C2orf88 |
| DAPK1 | 1,8768566 | 8,3758989 | 10,214866 | 7,85E-10 | 3,82E-08 | 12,578042 | DAPK1 |
| TNXB | 1,8083631 | 9,3592741 | 10,20505 | 7,99E-10 | 3,88E-08 | 12,560152 | TNXB |
| TSPAN1 | -1,860539 | 7,1897744 | -10,18669 | 8,26E-10 | 3,98E-08 | 12,526663 | TSPAN1 |
| C14orf132 | -1,093025 | 8,1486123 | -10,18342 | 8,31E-10 | 3,99E-08 | 12,520692 | C14orf132 |
| APOA1 | 1,3305855 | 6,1393301 | 10,178654 | 8,38E-10 | 4,02E-08 | 12,511984 | APOA1 |
| NEK7 | 1,3799764 | 8,2978565 | 10,17144 | 8,49E-10 | 4,05E-08 | 12,498805 | NEK7 |
| ADGRF5 | 1,0917719 | 7,3166074 | 10,170805 | 8,50E-10 | 4,05E-08 | 12,497646 | ADGRF5 |
| SP100 | 1,0298668 | 8,17547 | 10,168995 | 8,53E-10 | 4,05E-08 | 12,494337 | SP100 |
| WISP1 | 3,1568866 | 7,4012959 | 10,166266 | 8,57E-10 | 4,06E-08 | 12,489349 | WISP1 |
| TPD52L1 | -1,724471 | 8,6710916 | -10,14749 | 8,87E-10 | 4,18E-08 | 12,455004 | TPD52L1 |
| TAGLN | 2,8156764 | 10,868588 | 10,146897 | 8,88E-10 | 4,18E-08 | 12,453922 | TAGLN |
| VTCN1 | -1,893281 | 6,0195377 | -10,12935 | 9,16E-10 | 4,30E-08 | 12,421785 | VTCN1 |
| ZWINT | -2,536872 | 7,8149673 | -10,11063 | 9,48E-10 | 4,42E-08 | 12,387468 | ZWINT |
| SLC26A7 | -3,251187 | 5,4392744 | -10,11048 | 9,48E-10 | 4,42E-08 | 12,387192 | SLC26A7 |
| ABLIM1 | 2,1747104 | 9,5433636 | 10,109259 | 9,50E-10 | 4,42E-08 | 12,384943 | ABLIM1 |
| EHF | -4,415976 | 7,5377992 | -10,09041 | 9,83E-10 | 4,56E-08 | 12,35033 | EHF |
| TMEM159 | 1,2406302 | 6,8659934 | 10,087072 | 9,89E-10 | 4,58E-08 | 12,3442 | TMEM159 |
| PTPN5 | 1,0264086 | 5,5586157 | 10,085148 | 9,93E-10 | 4,58E-08 | 12,340665 | PTPN5 |
| PHACTR3 | 1,6004945 | 5,2983498 | 10,082299 | 9,98E-10 | 4,60E-08 | 12,335426 | PHACTR3 |
| AGRN | -1,027296 | 7,6187102 | -10,08099 | 1,00E-09 | 4,60E-08 | 12,333012 | AGRN |
| HN1L | -1,169628 | 8,6006784 | -10,06812 | 1,02E-09 | 4,69E-08 | 12,30935 | HN1L |
| TSPAN4 | 1,1546074 | 8,2805175 | 10,064507 | 1,03E-09 | 4,71E-08 | 12,3027 | TSPAN4 |
| GATSL2 | 1,0854931 | 7,7220836 | 10,060531 | 1,04E-09 | 4,73E-08 | 12,29538 | GATSL2 |
| SLCO3A1 | 1,2661766 | 7,0117332 | 10,050942 | 1,06E-09 | 4,81E-08 | 12,277722 | SLCO3A1 |
| LOC100506558 | 2,1834761 | 8,7761183 | 10,038246 | 1,08E-09 | 4,90E-08 | 12,254322 | LOC100506558 |
| FMOD | 1,3932318 | 8,6863326 | 10,028714 | 1,10E-09 | 4,97E-08 | 12,236741 | FMOD |
| OMD | 2,0781546 | 6,4746504 | 10,028144 | 1,10E-09 | 4,97E-08 | 12,23569 | OMD |
| WASF3 | 1,1650456 | 7,1957376 | 10,017347 | 1,12E-09 | 5,06E-08 | 12,215762 | WASF3 |
| HOXB7 | -1,656914 | 6,9172426 | -10,00075 | 1,16E-09 | 5,18E-08 | 12,185095 | HOXB7 |
| BAMBI | 1,467738 | 8,0862348 | 9,998739 | 1,16E-09 | 5,19E-08 | 12,181382 | BAMBI |
| FAM162B | -1,493561 | 7,0707617 | -9,987888 | 1,19E-09 | 5,28E-08 | 12,161314 | FAM162B |
| VLDLR | 1,8123702 | 7,9634036 | 9,9872807 | 1,19E-09 | 5,28E-08 | 12,160191 | VLDLR |
| C1S | 1,918388 | 10,996882 | 9,9821772 | 1,20E-09 | 5,32E-08 | 12,150747 | C1S |
| AMD1 | -1,331715 | 7,9251372 | -9,955765 | 1,26E-09 | 5,56E-08 | 12,10182 | AMD1 |
| C3 | 4,0566578 | 10,651804 | 9,9441718 | 1,28E-09 | 5,64E-08 | 12,080317 | C3 |
| LOC100507334 | -2,749955 | 8,3690314 | -9,943393 | 1,29E-09 | 5,64E-08 | 12,078871 | LOC100507334 |
| DCDC2 | -2,734778 | 6,5297802 | -9,942963 | 1,29E-09 | 5,64E-08 | 12,078073 | DCDC2 |
| CLDN5 | 1,6255327 | 7,2278803 | 9,9410386 | 1,29E-09 | 5,65E-08 | 12,074502 | CLDN5 |
| VSIG2 | -1,095652 | 6,2982682 | -9,93951 | 1,29E-09 | 5,66E-08 | 12,071666 | VSIG2 |
| CENPK | -2,143211 | 5,6722952 | -9,937573 | 1,30E-09 | 5,66E-08 | 12,068069 | CENPK |
| PERP | -2,686565 | 8,5055059 | -9,908984 | 1,37E-09 | 5,96E-08 | 12,014947 | PERP |
| NEURL1B | 1,5598807 | 8,4469572 | 9,9014089 | 1,39E-09 | 6,03E-08 | 12,000853 | NEURL1B |
| LIFR | 1,5125748 | 8,224713 | 9,887182 | 1,43E-09 | 6,18E-08 | 11,974366 | LIFR |
| DACT2 | -1,22393 | 6,5011823 | -9,879322 | 1,45E-09 | 6,25E-08 | 11,959722 | DACT2 |
| PLA2G5 | 2,620457 | 6,1422709 | 9,8788467 | 1,45E-09 | 6,25E-08 | 11,958835 | PLA2G5 |
| GPC3 | 2,1983864 | 6,7689053 | 9,8714188 | 1,47E-09 | 6,31E-08 | 11,944988 | GPC3 |
| TTYH2 | 1,2030979 | 7,0814635 | 9,868615 | 1,47E-09 | 6,32E-08 | 11,939759 | TTYH2 |
| TOR1AIP1 | 1,0127413 | 8,5367127 | 9,8676421 | 1,48E-09 | 6,32E-08 | 11,937945 | TOR1AIP1 |
| ITGA11 | 1,8742087 | 7,4460572 | 9,8672309 | 1,48E-09 | 6,32E-08 | 11,937178 | ITGA11 |
| TCF12 | -1,080014 | 9,7302403 | -9,852137 | 1,52E-09 | 6,47E-08 | 11,90901 | TCF12 |
| RRM2 | -3,338078 | 7,3251322 | -9,850893 | 1,52E-09 | 6,47E-08 | 11,906688 | RRM2 |
| APOL3 | 1,1727038 | 6,522159 | 9,8250112 | 1,60E-09 | 6,78E-08 | 11,858317 | APOL3 |
| MGARP | 2,7689728 | 7,062978 | 9,818649 | 1,62E-09 | 6,84E-08 | 11,846413 | MGARP |
| SLC46A3 | 1,7104337 | 6,8382707 | 9,8155231 | 1,63E-09 | 6,87E-08 | 11,840563 | SLC46A3 |
| SCGB2A1 | -5,723458 | 8,383168 | -9,795426 | 1,69E-09 | 7,06E-08 | 11,802921 | SCGB2A1 |
| ANKDD1A | 1,5207517 | 6,6371931 | 9,7721514 | 1,76E-09 | 7,34E-08 | 11,759264 | ANKDD1A |
| JAZF1 | -1,330758 | 7,8065682 | -9,764213 | 1,79E-09 | 7,44E-08 | 11,744358 | JAZF1 |
| SPINT2 | -1,443691 | 8,8727146 | -9,7564 | 1,81E-09 | 7,53E-08 | 11,729679 | SPINT2 |
| TPX2 | -2,154188 | 6,2326316 | -9,755576 | 1,82E-09 | 7,53E-08 | 11,728131 | TPX2 |
| SPG20 | 1,2681771 | 8,8583825 | 9,7474108 | 1,85E-09 | 7,63E-08 | 11,712782 | SPG20 |
| ATP6V1C2 | -1,601267 | 6,1640609 | -9,739285 | 1,87E-09 | 7,73E-08 | 11,697499 | ATP6V1C2 |
| POU5F1P3 | -1,20101 | 5,9552296 | -9,737679 | 1,88E-09 | 7,74E-08 | 11,694477 | POU5F1P3 |
| ARHGAP24 | 1,07164 | 6,3475168 | 9,7337341 | 1,89E-09 | 7,76E-08 | 11,687053 | ARHGAP24 |
| ANO4 | -1,686992 | 6,7111308 | -9,733606 | 1,89E-09 | 7,76E-08 | 11,686812 | ANO4 |
| CCNA2 | -2,090887 | 6,9476023 | -9,733247 | 1,89E-09 | 7,76E-08 | 11,686135 | CCNA2 |
| MECOM | -1,962996 | 8,4904605 | -9,717987 | 1,95E-09 | 7,94E-08 | 11,657399 | MECOM |
| TPM2 | 1,4823565 | 10,054646 | 9,6922153 | 2,04E-09 | 8,31E-08 | 11,608801 | TPM2 |
| OCIAD2 | -1,206646 | 8,389967 | -9,689784 | 2,05E-09 | 8,34E-08 | 11,604211 | OCIAD2 |
| EFEMP1 | 2,4414658 | 9,7301686 | 9,6871289 | 2,06E-09 | 8,36E-08 | 11,5992 | EFEMP1 |
| KIAA0101 | -3,633941 | 7,9510337 | -9,659077 | 2,18E-09 | 8,76E-08 | 11,546187 | KIAA0101 |
| SPA17 | -1,913567 | 6,3320832 | -9,649922 | 2,21E-09 | 8,90E-08 | 11,528864 | SPA17 |
| SP110 | 1,000055 | 7,7937185 | 9,6459383 | 2,23E-09 | 8,95E-08 | 11,521323 | SP110 |
| SMOC2 | 2,0797971 | 9,60888 | 9,6386798 | 2,26E-09 | 9,05E-08 | 11,507577 | SMOC2 |
| COL7A1 | -2,345228 | 8,6574917 | -9,630198 | 2,30E-09 | 9,17E-08 | 11,491507 | COL7A1 |
| TOP2A | -3,750417 | 7,185458 | -9,629609 | 2,30E-09 | 9,17E-08 | 11,49039 | TOP2A |
| LOC101930400 | 1,3594078 | 6,6366403 | 9,6236868 | 2,32E-09 | 9,26E-08 | 11,479163 | LOC101930400 |
| HSD11B2 | -1,770031 | 6,4073947 | -9,617762 | 2,35E-09 | 9,33E-08 | 11,467928 | HSD11B2 |
| ANKRD6 | 1,3805229 | 6,891688 | 9,6162709 | 2,36E-09 | 9,34E-08 | 11,465098 | ANKRD6 |
| PLXNA2 | 1,1123333 | 6,8467789 | 9,6124921 | 2,37E-09 | 9,38E-08 | 11,457929 | PLXNA2 |
| PGR | -2,436111 | 10,328367 | -9,60136 | 2,42E-09 | 9,57E-08 | 11,436798 | PGR |
| HOXD11 | -1,306898 | 6,1412645 | -9,58097 | 2,52E-09 | 9,92E-08 | 11,398051 | HOXD11 |
| EPAS1 | 1,7546172 | 9,3539896 | 9,5775773 | 2,53E-09 | 9,97E-08 | 11,391598 | EPAS1 |
| CELF2 | 1,5799052 | 8,590964 | 9,5480467 | 2,68E-09 | 1,05E-07 | 11,335375 | CELF2 |
| PLCB1 | -1,784268 | 7,4402942 | -9,547381 | 2,68E-09 | 1,05E-07 | 11,334107 | PLCB1 |
| CEACAM1 | -1,821349 | 6,4192199 | -9,546045 | 2,69E-09 | 1,05E-07 | 11,331559 | CEACAM1 |
| ADH1B | 3,5721221 | 6,4915172 | 9,5370591 | 2,73E-09 | 1,07E-07 | 11,314427 | ADH1B |
| HOXC4 | 1,035077 | 6,8976566 | 9,5276863 | 2,78E-09 | 1,08E-07 | 11,296545 | HOXC4 |
| TCEAL1 | 1,037496 | 8,7443137 | 9,5105204 | 2,87E-09 | 1,11E-07 | 11,263766 | TCEAL1 |
| TRPC1 | 1,1545444 | 8,0105609 | 9,5098483 | 2,88E-09 | 1,11E-07 | 11,262482 | TRPC1 |
| LAMB2 | 1,0836509 | 8,8025967 | 9,5098093 | 2,88E-09 | 1,11E-07 | 11,262408 | LAMB2 |
| NFIX | 1,2310697 | 8,3432405 | 9,4996739 | 2,93E-09 | 1,13E-07 | 11,243035 | NFIX |
| FN1 | 1,4740819 | 11,52323 | 9,4965059 | 2,95E-09 | 1,13E-07 | 11,236977 | FN1 |
| COL8A2 | 1,7719603 | 6,1116209 | 9,4906859 | 2,98E-09 | 1,14E-07 | 11,225844 | COL8A2 |
| RNF183 | -1,072717 | 6,065828 | -9,48423 | 3,02E-09 | 1,15E-07 | 11,21349 | RNF183 |
| BOK | -1,179564 | 7,6381947 | -9,466173 | 3,13E-09 | 1,19E-07 | 11,178908 | BOK |
| CRABP2 | -2,294549 | 8,1703003 | -9,458011 | 3,17E-09 | 1,20E-07 | 11,163262 | CRABP2 |
| CPVL | 2,1925084 | 7,2270324 | 9,4502027 | 3,22E-09 | 1,22E-07 | 11,148287 | CPVL |
| C1R | 2,2085523 | 10,553213 | 9,4497621 | 3,22E-09 | 1,22E-07 | 11,147441 | C1R |
| MYL9 | 1,7892333 | 9,8638519 | 9,4380047 | 3,30E-09 | 1,24E-07 | 11,124876 | MYL9 |
| TLE1 | -1,157597 | 8,9349335 | -9,436375 | 3,31E-09 | 1,24E-07 | 11,121748 | TLE1 |
| MCM2 | -1,290062 | 7,2799081 | -9,434477 | 3,32E-09 | 1,24E-07 | 11,118101 | MCM2 |
| PEG10 | 2,3714426 | 7,1584431 | 9,4287414 | 3,35E-09 | 1,26E-07 | 11,107085 | PEG10 |
| ZSWIM5 | 1,0375319 | 6,5302894 | 9,4257424 | 3,37E-09 | 1,26E-07 | 11,101323 | ZSWIM5 |
| UBE2C | -2,286263 | 6,9109033 | -9,42427 | 3,38E-09 | 1,26E-07 | 11,098493 | UBE2C |
| IRAK3 | 1,7213286 | 5,1102222 | 9,4209364 | 3,40E-09 | 1,27E-07 | 11,092087 | IRAK3 |
| CAV1 | 1,275548 | 9,7327356 | 9,401367 | 3,53E-09 | 1,31E-07 | 11,054445 | CAV1 |
| LTBP2 | 2,3883795 | 8,6667992 | 9,3935669 | 3,59E-09 | 1,32E-07 | 11,039428 | LTBP2 |
| TRAF3IP2 | -1,20564 | 7,9742922 | -9,392841 | 3,59E-09 | 1,32E-07 | 11,038031 | TRAF3IP2 |
| CENPW | -1,826683 | 7,5517038 | -9,391358 | 3,60E-09 | 1,32E-07 | 11,035174 | CENPW |
| ST6GALNAC2 | -1,127273 | 6,44824 | -9,387998 | 3,62E-09 | 1,32E-07 | 11,028702 | ST6GALNAC2 |
| LRRK2 | 1,4175175 | 6,0445517 | 9,3841089 | 3,65E-09 | 1,33E-07 | 11,021209 | LRRK2 |
| CCDC144NL-AS1 | 1,5619267 | 5,9374248 | 9,3801743 | 3,68E-09 | 1,34E-07 | 11,013626 | CCDC144NL-AS1 |
| CHN2 | 2,0010124 | 7,0412801 | 9,3714381 | 3,74E-09 | 1,36E-07 | 10,996782 | CHN2 |
| HSD11B1 | 3,57117 | 6,9914209 | 9,3713916 | 3,74E-09 | 1,36E-07 | 10,996693 | HSD11B1 |
| KRT19 | -2,050723 | 8,8053925 | -9,364925 | 3,79E-09 | 1,37E-07 | 10,984217 | KRT19 |
| MIR6773 | -1,053678 | 5,9289642 | -9,354658 | 3,86E-09 | 1,40E-07 | 10,964402 | MIR6773 |
| IGLC1 | 4,2732967 | 9,3067833 | 9,339545 | 3,97E-09 | 1,43E-07 | 10,935207 | IGLC1 |
| FLJ30901 | 1,2315279 | 6,5410571 | 9,3244946 | 4,09E-09 | 1,47E-07 | 10,906104 | FLJ30901 |
| PHACTR2 | 1,0620406 | 8,415763 | 9,2973239 | 4,31E-09 | 1,54E-07 | 10,853488 | PHACTR2 |
| TGFBR2 | 1,3653114 | 8,468963 | 9,2928084 | 4,35E-09 | 1,55E-07 | 10,844735 | TGFBR2 |
| NUSAP1 | -2,38234 | 7,8672764 | -9,292702 | 4,35E-09 | 1,55E-07 | 10,844529 | NUSAP1 |
| SCD5 | 1,397966 | 8,8394702 | 9,290858 | 4,36E-09 | 1,55E-07 | 10,840953 | SCD5 |
| TPBG | -1,621078 | 9,2179791 | -9,290315 | 4,37E-09 | 1,55E-07 | 10,8399 | TPBG |
| ADIRF | 2,9177293 | 8,3081295 | 9,288927 | 4,38E-09 | 1,55E-07 | 10,837208 | ADIRF |
| HNF1B | -1,010718 | 7,306705 | -9,280445 | 4,45E-09 | 1,57E-07 | 10,820753 | HNF1B |
| PHLDB2 | 1,6610445 | 7,286103 | 9,2777288 | 4,47E-09 | 1,58E-07 | 10,815483 | PHLDB2 |
| PLA2G2A | 3,9274171 | 8,7101234 | 9,2713291 | 4,53E-09 | 1,60E-07 | 10,80306 | PLA2G2A |
| PDLIM5 | 1,4962588 | 9,4385334 | 9,2706904 | 4,53E-09 | 1,60E-07 | 10,801819 | PDLIM5 |
| RAB9B | 1,5566404 | 6,6922859 | 9,268949 | 4,55E-09 | 1,60E-07 | 10,798438 | RAB9B |
| PTRF | 1,1604309 | 9,4827947 | 9,2684616 | 4,55E-09 | 1,60E-07 | 10,797492 | PTRF |
| HSD17B11 | 1,0501991 | 8,3815635 | 9,2648447 | 4,58E-09 | 1,60E-07 | 10,790467 | HSD17B11 |
| CALD1 | 1,5094578 | 11,351338 | 9,2647451 | 4,59E-09 | 1,60E-07 | 10,790273 | CALD1 |
| TXK | -1,108947 | 4,6487634 | -9,261994 | 4,61E-09 | 1,61E-07 | 10,784929 | TXK |
| DNAJB4 | 1,4141204 | 7,5579528 | 9,2619219 | 4,61E-09 | 1,61E-07 | 10,784788 | DNAJB4 |
| HOXB2 | -1,985598 | 7,4505132 | -9,254989 | 4,67E-09 | 1,63E-07 | 10,771316 | HOXB2 |
| MKI67 | -2,037805 | 6,6992018 | -9,249808 | 4,72E-09 | 1,64E-07 | 10,761243 | MKI67 |
| BGN | 2,0850926 | 8,3458846 | 9,2488098 | 4,73E-09 | 1,64E-07 | 10,759302 | BGN |
| ADSSL1 | -1,123554 | 6,6707183 | -9,248189 | 4,73E-09 | 1,64E-07 | 10,758096 | ADSSL1 |
| LOC100505915 | 1,1785674 | 7,0555936 | 9,2435552 | 4,78E-09 | 1,65E-07 | 10,749082 | LOC100505915 |
| PRKG1 | 1,3676627 | 7,3485565 | 9,2394493 | 4,81E-09 | 1,66E-07 | 10,741094 | PRKG1 |
| CTNNA2 | -1,780359 | 5,885648 | -9,238822 | 4,82E-09 | 1,66E-07 | 10,739874 | CTNNA2 |
| CD163 | 2,1133431 | 7,5909771 | 9,2321787 | 4,88E-09 | 1,68E-07 | 10,726944 | CD163 |
| KIF11 | -2,626596 | 5,8431454 | -9,224974 | 4,95E-09 | 1,70E-07 | 10,712914 | KIF11 |
| GNG2 | 1,4239726 | 6,993113 | 9,220927 | 4,99E-09 | 1,71E-07 | 10,705031 | GNG2 |
| LOC90246 | -1,216769 | 6,2098643 | -9,218632 | 5,01E-09 | 1,71E-07 | 10,70056 | LOC90246 |
| RACGAP1 | -2,201724 | 7,1531189 | -9,217142 | 5,02E-09 | 1,71E-07 | 10,697656 | RACGAP1 |
| PDK4 | 2,7796504 | 8,1742566 | 9,2083242 | 5,11E-09 | 1,73E-07 | 10,680468 | PDK4 |
| LOC101060817 | -1,22575 | 9,3319987 | -9,190187 | 5,29E-09 | 1,79E-07 | 10,645082 | LOC101060817 |
| CCNB1 | -2,376898 | 6,7598745 | -9,179487 | 5,40E-09 | 1,82E-07 | 10,624185 | CCNB1 |
| TIMP2 | 1,4192114 | 11,161529 | 9,1720321 | 5,48E-09 | 1,84E-07 | 10,609617 | TIMP2 |
| NREP | -2,146016 | 10,137152 | -9,167196 | 5,53E-09 | 1,86E-07 | 10,600162 | NREP |
| IGSF11 | 1,409921 | 4,6448103 | 9,1652988 | 5,55E-09 | 1,86E-07 | 10,596453 | IGSF11 |
| ASPM | -2,534814 | 5,7101118 | -9,162989 | 5,58E-09 | 1,87E-07 | 10,591935 | ASPM |
| C3orf70 | 1,6059845 | 6,7048233 | 9,1514865 | 5,70E-09 | 1,89E-07 | 10,56943 | C3orf70 |
| STAB1 | 1,3452698 | 8,3166263 | 9,1440974 | 5,78E-09 | 1,91E-07 | 10,554964 | STAB1 |
| TBC1D4 | 1,5009519 | 8,0539661 | 9,1397873 | 5,83E-09 | 1,93E-07 | 10,546522 | TBC1D4 |
| GIMAP7 | 1,830766 | 6,4223175 | 9,1361895 | 5,87E-09 | 1,94E-07 | 10,539474 | GIMAP7 |
| BCAS1 | -1,149553 | 5,9186082 | -9,135864 | 5,88E-09 | 1,94E-07 | 10,538836 | BCAS1 |
| TSHZ1 | 1,3180249 | 8,8607679 | 9,1348179 | 5,89E-09 | 1,94E-07 | 10,536786 | TSHZ1 |
| MAP7 | -1,600962 | 6,1834717 | -9,129274 | 5,95E-09 | 1,95E-07 | 10,525921 | MAP7 |
| ST8SIA2 | -1,113915 | 5,1773069 | -9,116284 | 6,10E-09 | 2,00E-07 | 10,500447 | ST8SIA2 |
| MME | -1,88816 | 7,61899 | -9,110809 | 6,17E-09 | 2,01E-07 | 10,489703 | MME |
| TYMS | -2,976156 | 8,1901998 | -9,109161 | 6,19E-09 | 2,01E-07 | 10,486469 | TYMS |
| GCNT1 | -1,004743 | 6,8253342 | -9,105471 | 6,23E-09 | 2,03E-07 | 10,479224 | GCNT1 |
| PLA2G16 | 1,3817993 | 7,9761355 | 9,1043844 | 6,24E-09 | 2,03E-07 | 10,477091 | PLA2G16 |
| CCL15-CCL14 | 1,538165 | 7,2938974 | 9,1017624 | 6,28E-09 | 2,03E-07 | 10,471942 | CCL15-CCL14 |
| WFDC2 | -3,671129 | 8,7094563 | -9,098893 | 6,31E-09 | 2,04E-07 | 10,466306 | WFDC2 |
| RGS2 | 2,3429107 | 8,6975615 | 9,0977347 | 6,33E-09 | 2,04E-07 | 10,464031 | RGS2 |
| LOC101929500 | 1,7219062 | 8,5877424 | 9,0859642 | 6,47E-09 | 2,08E-07 | 10,440901 | LOC101929500 |
| SGMS1 | 1,2859968 | 7,2221864 | 9,0818663 | 6,52E-09 | 2,10E-07 | 10,432843 | SGMS1 |
| GPC6 | 2,0653587 | 8,2887707 | 9,0801676 | 6,54E-09 | 2,10E-07 | 10,429503 | GPC6 |
| BUB1B | -2,918295 | 6,7938252 | -9,079445 | 6,55E-09 | 2,10E-07 | 10,428082 | BUB1B |
| LOC643733 | 1,9919505 | 5,779239 | 9,0764526 | 6,59E-09 | 2,11E-07 | 10,422196 | LOC643733 |
| PLEKHH1 | -2,04431 | 6,9788679 | -9,069161 | 6,69E-09 | 2,13E-07 | 10,407848 | PLEKHH1 |
| PDE1A | 1,648498 | 6,1303381 | 9,0633118 | 6,76E-09 | 2,15E-07 | 10,396334 | PDE1A |
| FAM102B | 1,2150101 | 7,5485106 | 9,0623171 | 6,78E-09 | 2,15E-07 | 10,394375 | FAM102B |
| RXFP1 | -2,599319 | 6,1191231 | -9,056615 | 6,85E-09 | 2,18E-07 | 10,383145 | RXFP1 |
| DDR2 | 1,070317 | 8,9303514 | 9,054457 | 6,88E-09 | 2,18E-07 | 10,378894 | DDR2 |
| WWTR1 | 1,2056472 | 9,976589 | 9,0481995 | 6,96E-09 | 2,20E-07 | 10,366564 | WWTR1 |
| DLX6-AS1 | -1,251954 | 5,3990097 | -9,045758 | 7,00E-09 | 2,21E-07 | 10,361751 | DLX6-AS1 |
| ADRA2C | -1,345582 | 6,750062 | -9,042594 | 7,04E-09 | 2,22E-07 | 10,355514 | ADRA2C |
| ABI3BP | 2,211073 | 8,1584785 | 9,0075681 | 7,54E-09 | 2,37E-07 | 10,286375 | ABI3BP |
| RGN | 1,2147262 | 6,6942535 | 8,9985853 | 7,67E-09 | 2,41E-07 | 10,268617 | RGN |
| LTC4S | 1,0413603 | 6,3092818 | 8,9963292 | 7,70E-09 | 2,41E-07 | 10,264155 | LTC4S |
| NBL1 | 1,7136526 | 8,8778791 | 8,9953059 | 7,72E-09 | 2,41E-07 | 10,262131 | NBL1 |
| 04.wrz | 1,341614 | 6,2735973 | 8,9950977 | 7,72E-09 | 2,41E-07 | 10,26172 | 04.wrz |
| EPS8 | 1,3375401 | 9,2987859 | 8,9886907 | 7,82E-09 | 2,43E-07 | 10,249044 | EPS8 |
| KIAA1462 | 1,4208062 | 6,3348077 | 8,984673 | 7,88E-09 | 2,45E-07 | 10,241093 | KIAA1462 |
| CENPF | -2,072884 | 6,7470071 | -8,977369 | 7,99E-09 | 2,48E-07 | 10,226633 | CENPF |
| NEK2 | -2,081219 | 5,2261598 | -8,966794 | 8,16E-09 | 2,52E-07 | 10,205684 | NEK2 |
| CENPE | -1,526773 | 5,2788676 | -8,959679 | 8,28E-09 | 2,55E-07 | 10,191581 | CENPE |
| IGLV1-44 | 3,6887778 | 8,5486989 | 8,9578267 | 8,31E-09 | 2,56E-07 | 10,187909 | IGLV1-44 |
| CDH1 | -2,918989 | 8,391092 | -8,947307 | 8,48E-09 | 2,61E-07 | 10,167044 | CDH1 |
| ZNF521 | 1,7571109 | 6,856477 | 8,9427667 | 8,55E-09 | 2,63E-07 | 10,158033 | ZNF521 |
| PAICS | -1,305625 | 8,5134599 | -8,932811 | 8,72E-09 | 2,67E-07 | 10,138266 | PAICS |
| ABCA8 | 3,5004532 | 7,8713804 | 8,9325576 | 8,73E-09 | 2,67E-07 | 10,137762 | ABCA8 |
| SELE | 1,7169341 | 4,9508102 | 8,9302537 | 8,77E-09 | 2,68E-07 | 10,133186 | SELE |
| FGFR2 | -1,627804 | 7,3052234 | -8,904823 | 9,21E-09 | 2,80E-07 | 10,082625 | FGFR2 |
| MPZL2 | -2,665353 | 6,8146015 | -8,903079 | 9,25E-09 | 2,81E-07 | 10,079154 | MPZL2 |
| FGF7P3 | 2,4836123 | 7,2024983 | 8,9016432 | 9,27E-09 | 2,81E-07 | 10,076297 | FGF7P3 |
| DEPDC1B | -1,482893 | 4,2616046 | -8,896856 | 9,36E-09 | 2,83E-07 | 10,066767 | DEPDC1B |
| CAMK1D | 1,0813328 | 6,7525582 | 8,8904776 | 9,48E-09 | 2,86E-07 | 10,054066 | CAMK1D |
| CHCHD10 | -1,219127 | 8,4644199 | -8,889521 | 9,49E-09 | 2,86E-07 | 10,052161 | CHCHD10 |
| PRRG4 | -2,04403 | 6,0282127 | -8,88215 | 9,63E-09 | 2,89E-07 | 10,037475 | PRRG4 |
| BIRC5 | -2,173672 | 6,0350297 | -8,882085 | 9,63E-09 | 2,89E-07 | 10,037345 | BIRC5 |
| TSPAN13 | -1,838619 | 8,4070781 | -8,868169 | 9,90E-09 | 2,97E-07 | 10,0096 | TSPAN13 |
| KIF2C | -1,782899 | 7,028937 | -8,860158 | 1,01E-08 | 3,01E-07 | 9,9936149 | KIF2C |
| VIT | 1,3999234 | 6,4691174 | 8,8565232 | 1,01E-08 | 3,02E-07 | 9,9863603 | VIT |
| IRS4 | 1,6015607 | 5,3304349 | 8,8560492 | 1,01E-08 | 3,02E-07 | 9,9854141 | IRS4 |
| PTGR1 | -1,164655 | 8,6511458 | -8,836267 | 1,05E-08 | 3,13E-07 | 9,9458962 | PTGR1 |
| FOXM1 | -1,297871 | 6,1345747 | -8,836128 | 1,05E-08 | 3,13E-07 | 9,9456176 | FOXM1 |
| MAML2 | 1,1196045 | 7,9638893 | 8,8331677 | 1,06E-08 | 3,14E-07 | 9,9397001 | MAML2 |
| RAD54B | -1,271396 | 6,002538 | -8,831902 | 1,06E-08 | 3,15E-07 | 9,9371696 | RAD54B |
| NUDT15 | -1,073182 | 7,3394967 | -8,827549 | 1,07E-08 | 3,17E-07 | 9,9284633 | NUDT15 |
| DOCK10 | 1,1807499 | 6,0172481 | 8,8144717 | 1,10E-08 | 3,24E-07 | 9,9022965 | DOCK10 |
| NDC80 | -2,291168 | 6,2395425 | -8,80991 | 1,11E-08 | 3,26E-07 | 9,893163 | NDC80 |
| SVIL | 1,5506491 | 8,2072767 | 8,8034691 | 1,12E-08 | 3,29E-07 | 9,8802627 | SVIL |
| SKAP2 | 1,0932469 | 6,9384866 | 8,802616 | 1,13E-08 | 3,29E-07 | 9,8785535 | SKAP2 |
| RAPGEF5 | 1,338765 | 7,3485909 | 8,801996 | 1,13E-08 | 3,29E-07 | 9,8773112 | RAPGEF5 |
| NUS1P3 | -2,227928 | 5,5041447 | -8,792896 | 1,15E-08 | 3,34E-07 | 9,8590739 | NUS1P3 |
| SELM | 1,0804439 | 8,9382666 | 8,7897379 | 1,16E-08 | 3,36E-07 | 9,8527419 | SELM |
| DNMT1 | -1,077577 | 7,7470862 | -8,788875 | 1,16E-08 | 3,36E-07 | 9,8510115 | DNMT1 |
| PGBD5 | -1,966527 | 6,1857546 | -8,78369 | 1,17E-08 | 3,39E-07 | 9,8406133 | PGBD5 |
| TSPAN2 | 1,5354047 | 5,477757 | 8,7829578 | 1,17E-08 | 3,39E-07 | 9,8391436 | TSPAN2 |
| TNFSF14 | 1,7248443 | 6,5498777 | 8,780179 | 1,18E-08 | 3,40E-07 | 9,8335687 | TNFSF14 |
| CDC42BPA | 1,0452514 | 8,5898456 | 8,7801683 | 1,18E-08 | 3,40E-07 | 9,8335471 | CDC42BPA |
| KRT8 | -1,23277 | 7,4600987 | -8,77852 | 1,18E-08 | 3,40E-07 | 9,830239 | KRT8 |
| DIO2 | -2,82313 | 7,9279127 | -8,777489 | 1,18E-08 | 3,41E-07 | 9,8281702 | DIO2 |
| AKT3 | 1,23845 | 7,7942737 | 8,7613011 | 1,22E-08 | 3,50E-07 | 9,7956675 | AKT3 |
| CYAT1 | 3,7226923 | 8,5072957 | 8,7570021 | 1,23E-08 | 3,53E-07 | 9,78703 | CYAT1 |
| FAM213A | -1,241964 | 9,1806947 | -8,755774 | 1,24E-08 | 3,53E-07 | 9,7845615 | FAM213A |
| ANAPC4 | -1,735569 | 9,5947147 | -8,713707 | 1,34E-08 | 3,81E-07 | 9,6999026 | ANAPC4 |
| KIAA1210 | -2,675093 | 6,145672 | -8,713648 | 1,34E-08 | 3,81E-07 | 9,6997825 | KIAA1210 |
| TRPV2 | 1,1446945 | 6,5469389 | 8,698982 | 1,38E-08 | 3,90E-07 | 9,6702126 | TRPV2 |
| SIRPA | 1,1675003 | 7,1274122 | 8,69876 | 1,38E-08 | 3,90E-07 | 9,6697647 | SIRPA |
| HMGA1 | -1,253216 | 6,8392424 | -8,697645 | 1,39E-08 | 3,90E-07 | 9,667516 | HMGA1 |
| CEP55 | -2,398804 | 5,5603727 | -8,691976 | 1,40E-08 | 3,94E-07 | 9,6560755 | CEP55 |
| SLC7A1 | -1,854662 | 8,5382381 | -8,686372 | 1,42E-08 | 3,98E-07 | 9,6447638 | SLC7A1 |
| FGL2 | 1,8333325 | 7,2684809 | 8,6787534 | 1,44E-08 | 4,03E-07 | 9,6293786 | FGL2 |
| GPRASP1 | 1,5189041 | 7,8703419 | 8,675535 | 1,45E-08 | 4,04E-07 | 9,6228769 | GPRASP1 |
| PDGFA | 1,163633 | 6,4237118 | 8,6627838 | 1,49E-08 | 4,14E-07 | 9,5971035 | PDGFA |
| PLTP | 1,0803717 | 8,8088098 | 8,6491232 | 1,53E-08 | 4,24E-07 | 9,5694679 | PLTP |
| PDIA6 | -1,107378 | 10,042062 | -8,641223 | 1,55E-08 | 4,30E-07 | 9,5534742 | PDIA6 |
| TK1 | -1,808303 | 6,3401694 | -8,64099 | 1,55E-08 | 4,30E-07 | 9,553002 | TK1 |
| MREG | -1,078075 | 5,9589356 | -8,640712 | 1,55E-08 | 4,30E-07 | 9,5524396 | MREG |
| SNHG24 | 1,4336032 | 7,3746357 | 8,6356845 | 1,57E-08 | 4,33E-07 | 9,5422567 | SNHG24 |
| MIR8071-2 | 4,1359217 | 9,3361568 | 8,6335857 | 1,58E-08 | 4,35E-07 | 9,5380047 | MIR8071-2 |
| LMOD1 | 2,4760357 | 7,7710866 | 8,6280413 | 1,59E-08 | 4,39E-07 | 9,5267697 | LMOD1 |
| SNX29P2 | 1,40695 | 5,7429711 | 8,6242865 | 1,61E-08 | 4,41E-07 | 9,5191586 | SNX29P2 |
| PDE10A | 1,562485 | 5,555536 | 8,6197324 | 1,62E-08 | 4,45E-07 | 9,5099249 | PDE10A |
| C2orf40 | 1,9295412 | 6,2392463 | 8,6150763 | 1,64E-08 | 4,48E-07 | 9,5004815 | C2orf40 |
| COBL | -1,605715 | 6,8834512 | -8,602 | 1,68E-08 | 4,58E-07 | 9,4739452 | COBL |
| RAPGEF3 | 1,2978438 | 6,8168174 | 8,598872 | 1,69E-08 | 4,59E-07 | 9,4675937 | RAPGEF3 |
| SOWAHC | 1,0517007 | 7,6789405 | 8,5985928 | 1,69E-08 | 4,59E-07 | 9,4670266 | SOWAHC |
| SLC39A6 | -1,313137 | 10,282088 | -8,594638 | 1,70E-08 | 4,60E-07 | 9,4589956 | SLC39A6 |
| ANO6 | 1,1141665 | 8,6632962 | 8,5885136 | 1,73E-08 | 4,66E-07 | 9,446552 | ANO6 |
| HS3ST3A1 | 1,4598548 | 4,8120617 | 8,583396 | 1,74E-08 | 4,70E-07 | 9,4361511 | HS3ST3A1 |
| MAD2L1 | -2,646861 | 6,8364457 | -8,58273 | 1,75E-08 | 4,70E-07 | 9,4347976 | MAD2L1 |
| RNASEH2A | -1,30149 | 7,1991499 | -8,577481 | 1,76E-08 | 4,74E-07 | 9,4241258 | RNASEH2A |
| MTSS1 | 1,0594986 | 7,4899046 | 8,5727409 | 1,78E-08 | 4,78E-07 | 9,4144845 | MTSS1 |
| MDFIC | 1,2485481 | 8,4815771 | 8,5697239 | 1,79E-08 | 4,80E-07 | 9,4083468 | MDFIC |
| LINC00312 | 1,3806369 | 6,4345539 | 8,568995 | 1,79E-08 | 4,80E-07 | 9,4068637 | LINC00312 |
| DLGAP5 | -2,646238 | 5,8814999 | -8,565346 | 1,81E-08 | 4,82E-07 | 9,3994384 | DLGAP5 |
| MPHOSPH8 | 1,0753577 | 9,2349433 | 8,5554995 | 1,84E-08 | 4,91E-07 | 9,3793926 | MPHOSPH8 |
| PLPPR4 | -2,061439 | 5,9572593 | -8,551122 | 1,86E-08 | 4,94E-07 | 9,3704759 | PLPPR4 |
| TSPAN7 | 1,1003488 | 6,8085648 | 8,5472949 | 1,87E-08 | 4,97E-07 | 9,3626797 | TSPAN7 |
| NCAM1 | 2,5369539 | 7,1377583 | 8,5438 | 1,89E-08 | 5,00E-07 | 9,3555578 | NCAM1 |
| GDA | -2,543079 | 6,6013259 | -8,542976 | 1,89E-08 | 5,00E-07 | 9,3538775 | GDA |
| CPXM1 | -1,181663 | 9,1147371 | -8,534609 | 1,92E-08 | 5,07E-07 | 9,336821 | CPXM1 |
| CNTN3 | -1,852653 | 5,8566821 | -8,534319 | 1,92E-08 | 5,07E-07 | 9,3362284 | CNTN3 |
| IGHA2 | 4,1081005 | 7,9960606 | 8,5311598 | 1,94E-08 | 5,08E-07 | 9,3297858 | IGHA2 |
| CKS2 | -2,260517 | 8,361441 | -8,531105 | 1,94E-08 | 5,08E-07 | 9,3296749 | CKS2 |
| LOC401317 | -1,774335 | 5,8343995 | -8,530003 | 1,94E-08 | 5,08E-07 | 9,3274255 | LOC401317 |
| MCUB | 1,1040372 | 7,3013804 | 8,5245105 | 1,96E-08 | 5,13E-07 | 9,3162199 | MCUB |
| ECT2 | -2,136229 | 5,9723299 | -8,51847 | 1,99E-08 | 5,19E-07 | 9,3038914 | ECT2 |
| SOBP | 1,2100671 | 8,0741537 | 8,5137889 | 2,00E-08 | 5,23E-07 | 9,2943334 | SOBP |
| N4BP2L1 | 1,4645073 | 7,4753661 | 8,5120838 | 2,01E-08 | 5,25E-07 | 9,2908511 | N4BP2L1 |
| GCLC | -2,335639 | 8,4600843 | -8,496108 | 2,08E-08 | 5,40E-07 | 9,2582066 | GCLC |
| GPR155 | 1,3946965 | 5,3321011 | 8,4920787 | 2,09E-08 | 5,44E-07 | 9,2499678 | GPR155 |
| MS4A7 | 2,1905604 | 6,9028077 | 8,4898146 | 2,10E-08 | 5,46E-07 | 9,2453375 | MS4A7 |
| RAD54L | -1,01611 | 6,2140193 | -8,483352 | 2,13E-08 | 5,52E-07 | 9,2321166 | RAD54L |
| RHOBTB3 | 1,4924586 | 8,7428206 | 8,4822703 | 2,14E-08 | 5,52E-07 | 9,2299032 | RHOBTB3 |
| LXN | 2,1381601 | 8,5834789 | 8,4820512 | 2,14E-08 | 5,52E-07 | 9,229455 | LXN |
| TTK | -2,269938 | 5,1957765 | -8,468165 | 2,20E-08 | 5,66E-07 | 9,2010262 | TTK |
| TIMELESS | -1,620766 | 6,8272411 | -8,465976 | 2,21E-08 | 5,67E-07 | 9,1965416 | TIMELESS |
| MEX3D | -1,320533 | 6,6265734 | -8,459448 | 2,24E-08 | 5,74E-07 | 9,1831659 | MEX3D |
| FAM72A | -1,537652 | 6,2862989 | -8,450547 | 2,28E-08 | 5,83E-07 | 9,1649194 | FAM72A |
| EZH2 | -1,626748 | 6,4576703 | -8,449552 | 2,28E-08 | 5,84E-07 | 9,1628796 | EZH2 |
| RARRES2 | 1,768723 | 9,5705109 | 8,442965 | 2,31E-08 | 5,91E-07 | 9,1493687 | RARRES2 |
| SGCD | 1,8112568 | 7,2897359 | 8,4414034 | 2,32E-08 | 5,92E-07 | 9,1461648 | SGCD |
| KAT2B | 1,2236573 | 7,2232271 | 8,4358437 | 2,35E-08 | 5,98E-07 | 9,1347554 | KAT2B |
| MIR6756 | 1,0828747 | 8,1195444 | 8,425106 | 2,40E-08 | 6,09E-07 | 9,1127081 | MIR6756 |
| PRSS16 | -1,019556 | 5,4581997 | -8,421376 | 2,42E-08 | 6,13E-07 | 9,1050466 | PRSS16 |
| CTSF | 1,0284181 | 8,0201071 | 8,4186277 | 2,43E-08 | 6,16E-07 | 9,0993988 | CTSF |
| TUNAR | -2,383171 | 6,3609089 | -8,417274 | 2,44E-08 | 6,17E-07 | 9,0966166 | TUNAR |
| LOC158863 | 1,245199 | 6,4652748 | 8,408178 | 2,48E-08 | 6,27E-07 | 9,0779188 | LOC158863 |
| GINS4 | -1,536469 | 6,05223 | -8,399447 | 2,53E-08 | 6,36E-07 | 9,0599599 | GINS4 |
| FTL | 1,2807433 | 12,575242 | 8,3991125 | 2,53E-08 | 6,36E-07 | 9,0592722 | FTL |
| CYP2J2 | -1,151077 | 6,1014107 | -8,398589 | 2,53E-08 | 6,36E-07 | 9,0581953 | CYP2J2 |
| NSG1 | 1,6700281 | 7,3359614 | 8,3921844 | 2,56E-08 | 6,42E-07 | 9,0450146 | NSG1 |
| LOC101930241 | 1,1300652 | 5,9951931 | 8,3847415 | 2,60E-08 | 6,51E-07 | 9,0296902 | LOC101930241 |
| CDCA3 | -1,238603 | 6,0625326 | -8,366376 | 2,70E-08 | 6,73E-07 | 8,9918447 | CDCA3 |
| ZNF395 | 1,2303711 | 7,9329378 | 8,3627502 | 2,72E-08 | 6,77E-07 | 8,9843683 | ZNF395 |
| KPNA2 | -1,643785 | 9,2364895 | -8,35746 | 2,75E-08 | 6,82E-07 | 8,9734569 | KPNA2 |
| GINS1 | -1,725096 | 6,0785293 | -8,354439 | 2,77E-08 | 6,85E-07 | 8,9672227 | GINS1 |
| ESPL1 | -1,193995 | 6,1696543 | -8,353659 | 2,77E-08 | 6,86E-07 | 8,9656133 | ESPL1 |
| DAPK1-IT1 | 1,7034255 | 6,7921633 | 8,3523794 | 2,78E-08 | 6,87E-07 | 8,9629725 | DAPK1-IT1 |
| CA12 | -2,039736 | 7,8710077 | -8,348632 | 2,80E-08 | 6,90E-07 | 8,9552382 | CA12 |
| LEMD1-AS1 | 1,1611116 | 5,2152141 | 8,3481182 | 2,80E-08 | 6,90E-07 | 8,9541772 | LEMD1-AS1 |
| CCDC68 | 1,0111501 | 5,3544936 | 8,3375955 | 2,86E-08 | 7,04E-07 | 8,9324471 | CCDC68 |
| TMEM132C | -1,226111 | 6,3087249 | -8,336983 | 2,87E-08 | 7,04E-07 | 8,931181 | TMEM132C |
| RHPN2 | -2,540779 | 6,4887129 | -8,331439 | 2,90E-08 | 7,10E-07 | 8,9197258 | RHPN2 |
| PRC1 | -2,149109 | 6,445182 | -8,331105 | 2,90E-08 | 7,10E-07 | 8,9190374 | PRC1 |
| GHR | 1,2708878 | 6,686811 | 8,329822 | 2,91E-08 | 7,11E-07 | 8,9163848 | GHR |
| ZEB2 | 1,1730941 | 7,6375571 | 8,325101 | 2,94E-08 | 7,17E-07 | 8,906626 | ZEB2 |
| NFIB | 1,1940087 | 9,2791671 | 8,3246975 | 2,94E-08 | 7,17E-07 | 8,9057918 | NFIB |
| KNL1 | -2,294016 | 5,4035057 | -8,320501 | 2,96E-08 | 7,22E-07 | 8,8971146 | KNL1 |
| FANCD2 | -1,279786 | 5,9830991 | -8,318541 | 2,98E-08 | 7,24E-07 | 8,8930609 | FANCD2 |
| CENPU | -2,46078 | 6,9713054 | -8,314837 | 3,00E-08 | 7,28E-07 | 8,8853982 | CENPU |
| COX5A | -1,036007 | 9,5010678 | -8,302718 | 3,07E-08 | 7,45E-07 | 8,8603158 | COX5A |
| RAD51AP1 | -1,837117 | 5,6403084 | -8,292856 | 3,14E-08 | 7,59E-07 | 8,8398907 | RAD51AP1 |
| IQGAP3 | -1,653418 | 5,9273839 | -8,291833 | 3,14E-08 | 7,60E-07 | 8,8377717 | IQGAP3 |
| ASXL3 | 1,4243487 | 5,826973 | 8,2886284 | 3,16E-08 | 7,64E-07 | 8,8311311 | ASXL3 |
| CACNB2 | 1,3257355 | 5,9734696 | 8,2784113 | 3,23E-08 | 7,78E-07 | 8,8099505 | CACNB2 |
| MELK | -2,028109 | 6,8095002 | -8,275204 | 3,25E-08 | 7,82E-07 | 8,803299 | MELK |
| LOC100507387 | 1,0725705 | 4,7755971 | 8,2699834 | 3,29E-08 | 7,88E-07 | 8,7924685 | LOC100507387 |
| AIFM1 | -1,366602 | 7,5028604 | -8,266833 | 3,31E-08 | 7,93E-07 | 8,7859305 | AIFM1 |
| CRIM1 | 1,5726918 | 8,0371826 | 8,2642541 | 3,33E-08 | 7,96E-07 | 8,7805786 | CRIM1 |
| ELP3 | -1,204957 | 8,7424727 | -8,25197 | 3,41E-08 | 8,12E-07 | 8,7550701 | ELP3 |
| EPS8L1 | -1,135867 | 6,9183022 | -8,249497 | 3,43E-08 | 8,14E-07 | 8,7499327 | EPS8L1 |
| NRTN | -1,354448 | 4,6202164 | -8,24844 | 3,44E-08 | 8,15E-07 | 8,7477382 | NRTN |
| FILIP1L | 2,016875 | 8,8555727 | 8,2474798 | 3,44E-08 | 8,16E-07 | 8,7457422 | FILIP1L |
| PLS3 | 1,0753342 | 10,311397 | 8,246872 | 3,45E-08 | 8,16E-07 | 8,7444793 | PLS3 |
| ACTA2 | 1,7916767 | 11,464484 | 8,2344968 | 3,53E-08 | 8,34E-07 | 8,7187533 | ACTA2 |
| STOM | 1,2987946 | 8,801907 | 8,230142 | 3,57E-08 | 8,41E-07 | 8,7096956 | STOM |
| FOLH1B | -1,139195 | 6,1689697 | -8,225836 | 3,60E-08 | 8,47E-07 | 8,7007374 | FOLH1B |
| SPINT1 | -1,567496 | 7,0371284 | -8,225096 | 3,60E-08 | 8,47E-07 | 8,6991979 | SPINT1 |
| THBS2 | 2,3971113 | 8,6235942 | 8,2185263 | 3,65E-08 | 8,57E-07 | 8,685523 | THBS2 |
| ACE | -1,115508 | 6,6139299 | -8,212179 | 3,70E-08 | 8,66E-07 | 8,6723064 | ACE |
| C4orf32 | 1,3537782 | 6,6980028 | 8,2116015 | 3,70E-08 | 8,67E-07 | 8,6711037 | C4orf32 |
| KIF20A | -2,936639 | 6,4664655 | -8,208334 | 3,73E-08 | 8,71E-07 | 8,6642975 | KIF20A |
| DEPDC1 | -1,724356 | 5,9664133 | -8,208315 | 3,73E-08 | 8,71E-07 | 8,6642576 | DEPDC1 |
| PDE2A | 1,0578641 | 6,2117141 | 8,2010566 | 3,79E-08 | 8,81E-07 | 8,6491339 | PDE2A |
| ZDBF2 | 1,3604616 | 5,7914211 | 8,1957101 | 3,83E-08 | 8,90E-07 | 8,6379889 | ZDBF2 |
| IGK | 3,4296897 | 10,325033 | 8,1947486 | 3,84E-08 | 8,90E-07 | 8,6359842 | IGK |
| CMAHP | 1,9074888 | 6,4346314 | 8,1933035 | 3,85E-08 | 8,92E-07 | 8,632971 | CMAHP |
| PCNA | -1,396733 | 8,8653096 | -8,185144 | 3,91E-08 | 9,05E-07 | 8,6159529 | PCNA |
| GGT5 | 1,0254249 | 7,1686159 | 8,1844702 | 3,92E-08 | 9,05E-07 | 8,6145466 | GGT5 |
| PEAR1 | 1,2501772 | 7,3492489 | 8,1803023 | 3,95E-08 | 9,12E-07 | 8,6058494 | PEAR1 |
| MGLL | -1,558767 | 8,0329519 | -8,169975 | 4,04E-08 | 9,29E-07 | 8,584289 | MGLL |
| HMMR | -2,438642 | 5,7739033 | -8,168188 | 4,05E-08 | 9,31E-07 | 8,5805572 | HMMR |
| S100A10 | 1,8370114 | 9,6435215 | 8,1574306 | 4,14E-08 | 9,47E-07 | 8,5580818 | S100A10 |
| NRXN1 | -1,145692 | 6,1046966 | -8,156954 | 4,15E-08 | 9,47E-07 | 8,5570847 | NRXN1 |
| LMCD1 | 1,6698899 | 7,8195824 | 8,1511763 | 4,20E-08 | 9,57E-07 | 8,5450074 | LMCD1 |
| RBBP8 | -1,089939 | 8,0364529 | -8,14642 | 4,24E-08 | 9,65E-07 | 8,5350604 | RBBP8 |
| EGFL6 | -1,945618 | 6,7773968 | -8,133981 | 4,35E-08 | 9,87E-07 | 8,5090347 | EGFL6 |
| PBK | -2,634898 | 5,9921143 | -8,130889 | 4,37E-08 | 9,91E-07 | 8,5025602 | PBK |
| FRAS1 | -2,310859 | 6,3718782 | -8,11786 | 4,49E-08 | 1,02E-06 | 8,4752716 | FRAS1 |
| QPCT | -1,805423 | 6,4514554 | -8,113983 | 4,53E-08 | 1,02E-06 | 8,467146 | QPCT |
| BTBD11 | -1,902484 | 6,1625357 | -8,094487 | 4,72E-08 | 1,06E-06 | 8,42626 | BTBD11 |
| KIF15 | -2,043149 | 5,6013704 | -8,092227 | 4,74E-08 | 1,06E-06 | 8,421516 | KIF15 |
| OLFML1 | 1,5578968 | 8,0743712 | 8,0914378 | 4,75E-08 | 1,06E-06 | 8,4198601 | OLFML1 |
| FXYD1 | 1,4072762 | 7,6853608 | 8,0870001 | 4,79E-08 | 1,07E-06 | 8,4105443 | FXYD1 |
| AGTR1 | 1,4185582 | 5,4083127 | 8,0794162 | 4,87E-08 | 1,08E-06 | 8,3946177 | AGTR1 |
| LOC286191 | 1,4463778 | 6,5524969 | 8,0745891 | 4,91E-08 | 1,09E-06 | 8,3844765 | LOC286191 |
| TNC | -2,859157 | 8,1380115 | -8,071658 | 4,94E-08 | 1,10E-06 | 8,3783171 | TNC |
| FAM49A | 1,0280758 | 5,9081411 | 8,0693851 | 4,97E-08 | 1,10E-06 | 8,3735401 | FAM49A |
| DNAJC10 | -1,630389 | 8,857624 | -8,06671 | 5,00E-08 | 1,11E-06 | 8,3679162 | DNAJC10 |
| GIMAP4 | 1,2225604 | 6,252688 | 8,0623566 | 5,04E-08 | 1,12E-06 | 8,3587633 | GIMAP4 |
| HGD | -2,101937 | 6,2715045 | -8,059331 | 5,07E-08 | 1,12E-06 | 8,3524004 | HGD |
| LAMC3 | -1,142384 | 6,9318939 | -8,058613 | 5,08E-08 | 1,12E-06 | 8,3508903 | LAMC3 |
| CARD16 | 1,2658099 | 7,02849 | 8,0469268 | 5,20E-08 | 1,14E-06 | 8,3263005 | CARD16 |
| LDB3 | 1,7007635 | 6,2433069 | 8,0371419 | 5,31E-08 | 1,16E-06 | 8,3056974 | LDB3 |
| SCGB1D2 | -4,636188 | 7,5715658 | -8,036275 | 5,32E-08 | 1,16E-06 | 8,3038709 | SCGB1D2 |
| C14orf28 | 1,12277 | 6,402173 | 8,0339497 | 5,35E-08 | 1,17E-06 | 8,2989731 | C14orf28 |
| HSPB2-C11orf52 | -1,05853 | 5,8652331 | -8,020909 | 5,49E-08 | 1,19E-06 | 8,271489 | HSPB2-C11orf52 |
| ANG | 1,7940756 | 6,9773862 | 8,017926 | 5,53E-08 | 1,20E-06 | 8,2651986 | ANG |
| ADAMTS19 | -1,732523 | 6,5791871 | -8,011567 | 5,60E-08 | 1,21E-06 | 8,2517869 | ADAMTS19 |
| CPE | 1,5483409 | 8,2338489 | 8,0091922 | 5,63E-08 | 1,21E-06 | 8,2467753 | CPE |
| GIMAP6 | 1,5389343 | 6,3040208 | 7,9930895 | 5,82E-08 | 1,25E-06 | 8,2127805 | GIMAP6 |
| DNAJC15 | -1,653497 | 7,9574646 | -7,980641 | 5,97E-08 | 1,28E-06 | 8,1864774 | DNAJC15 |
| HOXD10 | -1,760481 | 7,7020918 | -7,97552 | 6,04E-08 | 1,29E-06 | 8,1756499 | HOXD10 |
| JCHAIN | 3,953012 | 6,1417148 | 7,9746832 | 6,05E-08 | 1,29E-06 | 8,17388 | JCHAIN |
| STIL | -1,142607 | 6,1502179 | -7,964267 | 6,18E-08 | 1,32E-06 | 8,1518455 | STIL |
| DCN | 1,5294848 | 11,916404 | 7,963545 | 6,19E-08 | 1,32E-06 | 8,150318 | DCN |
| ADGRG1 | -1,416338 | 7,5696616 | -7,962851 | 6,20E-08 | 1,32E-06 | 8,1488495 | ADGRG1 |
| LOC100291323 | -1,811695 | 6,2007039 | -7,961494 | 6,22E-08 | 1,32E-06 | 8,1459767 | LOC100291323 |
| PMAIP1 | -2,37414 | 7,1695354 | -7,957305 | 6,27E-08 | 1,33E-06 | 8,1371105 | PMAIP1 |
| CLU | 2,0446197 | 9,0824103 | 7,951447 | 6,35E-08 | 1,34E-06 | 8,1247066 | CLU |
| WDR17 | 1,1627503 | 4,0267166 | 7,9504901 | 6,36E-08 | 1,34E-06 | 8,1226799 | WDR17 |
| CDCA5 | -1,302192 | 6,474219 | -7,950325 | 6,36E-08 | 1,34E-06 | 8,1223311 | CDCA5 |
| KIF4A | -1,963528 | 6,0908288 | -7,950251 | 6,36E-08 | 1,34E-06 | 8,1221742 | KIF4A |
| TTF2 | -1,120369 | 5,7488779 | -7,940576 | 6,49E-08 | 1,37E-06 | 8,1016758 | TTF2 |
| BMP6 | 1,808554 | 6,631034 | 7,9324972 | 6,61E-08 | 1,38E-06 | 8,0845502 | BMP6 |
| PPM1L | -1,074274 | 6,076506 | -7,930397 | 6,63E-08 | 1,39E-06 | 8,0800966 | PPM1L |
| MFAP3L | -1,426609 | 5,6967079 | -7,928508 | 6,66E-08 | 1,39E-06 | 8,0760915 | MFAP3L |
| MFSD2A | -1,550247 | 7,261334 | -7,917146 | 6,82E-08 | 1,42E-06 | 8,051984 | MFSD2A |
| DTL | -1,942331 | 6,383129 | -7,91407 | 6,86E-08 | 1,43E-06 | 8,0454542 | DTL |
| NPR2 | -1,593324 | 7,4269111 | -7,913167 | 6,88E-08 | 1,43E-06 | 8,0435386 | NPR2 |
| FAM83D | -1,921299 | 5,934888 | -7,912463 | 6,89E-08 | 1,43E-06 | 8,0420432 | FAM83D |
| HEY2 | -2,198784 | 7,4412103 | -7,91081 | 6,91E-08 | 1,44E-06 | 8,0385336 | HEY2 |
| FZD10 | -1,86274 | 6,2705423 | -7,909351 | 6,93E-08 | 1,44E-06 | 8,0354356 | FZD10 |
| PPT2-EGFL8 | 1,0762538 | 7,2784112 | 7,908102 | 6,95E-08 | 1,44E-06 | 8,0327836 | PPT2-EGFL8 |
| ELF3 | -1,989674 | 7,6593817 | -7,907967 | 6,95E-08 | 1,44E-06 | 8,0324962 | ELF3 |
| LAMC2 | -1,56011 | 6,8257419 | -7,905427 | 6,99E-08 | 1,45E-06 | 8,0271017 | LAMC2 |
| FKBP5 | 1,9903558 | 8,2585492 | 7,9049514 | 7,00E-08 | 1,45E-06 | 8,0260921 | FKBP5 |
| ANO1 | -2,396193 | 6,9280702 | -7,902104 | 7,04E-08 | 1,45E-06 | 8,0200439 | ANO1 |
| CRIP1 | -1,586485 | 8,3384281 | -7,896901 | 7,12E-08 | 1,47E-06 | 8,0089881 | CRIP1 |
| PDIA4 | -1,026755 | 9,1621149 | -7,895406 | 7,14E-08 | 1,47E-06 | 8,0058118 | PDIA4 |
| DPYSL2 | 1,114396 | 10,270581 | 7,8947061 | 7,15E-08 | 1,47E-06 | 8,0043233 | DPYSL2 |
| HELLS | -1,518381 | 6,8246064 | -7,891566 | 7,20E-08 | 1,48E-06 | 7,9976491 | HELLS |
| MYOCD | 3,4410412 | 7,1628217 | 7,8870347 | 7,26E-08 | 1,49E-06 | 7,9880143 | MYOCD |
| THBS4 | 1,7687183 | 7,4182496 | 7,8836763 | 7,32E-08 | 1,50E-06 | 7,980872 | THBS4 |
| WDR77 | -1,715119 | 7,9855469 | -7,882898 | 7,33E-08 | 1,50E-06 | 7,9792157 | WDR77 |
| TMEM120B | -1,549161 | 7,2218099 | -7,878212 | 7,40E-08 | 1,51E-06 | 7,9692475 | TMEM120B |
| TTC39B | 1,4063873 | 5,7764973 | 7,8780038 | 7,40E-08 | 1,51E-06 | 7,9688046 | TTC39B |
| LRCH2 | 1,1184904 | 6,8623797 | 7,8684719 | 7,55E-08 | 1,54E-06 | 7,9485175 | LRCH2 |
| GOLM1 | -1,242278 | 8,5249577 | -7,863168 | 7,64E-08 | 1,55E-06 | 7,9372243 | GOLM1 |
| CCL2 | 2,1491651 | 7,4289365 | 7,8490798 | 7,87E-08 | 1,59E-06 | 7,9072071 | CCL2 |
| CD22 | 1,4198664 | 6,1241099 | 7,8425241 | 7,98E-08 | 1,61E-06 | 7,89323 | CD22 |
| E2F8 | -1,832031 | 4,7721937 | -7,837034 | 8,07E-08 | 1,63E-06 | 7,8815204 | E2F8 |
| FBXO32 | 2,2739231 | 7,6502174 | 7,829327 | 8,20E-08 | 1,66E-06 | 7,865076 | FBXO32 |
| NUF2 | -2,080032 | 5,1253391 | -7,825837 | 8,26E-08 | 1,67E-06 | 7,857627 | NUF2 |
| SERPING1 | 2,4247914 | 9,6159973 | 7,8218278 | 8,33E-08 | 1,68E-06 | 7,8490671 | SERPING1 |
| PIGR | -3,118726 | 7,4811811 | -7,807303 | 8,59E-08 | 1,72E-06 | 7,8180387 | PIGR |
| CXCL12 | 1,5170148 | 9,9880917 | 7,790269 | 8,90E-08 | 1,78E-06 | 7,7816143 | CXCL12 |
| CDS1 | -1,123357 | 6,9249649 | -7,785485 | 8,99E-08 | 1,80E-06 | 7,7713783 | CDS1 |
| MOXD1 | -1,794545 | 7,5453047 | -7,775442 | 9,19E-08 | 1,83E-06 | 7,7498786 | MOXD1 |
| GNLY | -3,228724 | 8,0373191 | -7,774051 | 9,21E-08 | 1,83E-06 | 7,7468993 | GNLY |
| FCGR1CP | 1,385327 | 6,3439839 | 7,768194 | 9,33E-08 | 1,85E-06 | 7,7343527 | FCGR1CP |
| C17orf58 | -1,519543 | 7,7923366 | -7,767633 | 9,34E-08 | 1,86E-06 | 7,7331516 | C17orf58 |
| FGFR3 | -1,463488 | 6,5188677 | -7,76095 | 9,47E-08 | 1,88E-06 | 7,7188283 | FGFR3 |
| CBS | 1,1943477 | 6,9796365 | 7,7464809 | 9,77E-08 | 1,93E-06 | 7,6878017 | CBS |
| NEGR1 | 1,635021 | 5,8627911 | 7,7450794 | 9,80E-08 | 1,93E-06 | 7,6847948 | NEGR1 |
| FANCI | -1,420004 | 6,3754846 | -7,744915 | 9,80E-08 | 1,93E-06 | 7,6844423 | FANCI |
| PKD1L2 | -1,151407 | 6,6700716 | -7,735643 | 9,99E-08 | 1,97E-06 | 7,664543 | PKD1L2 |
| PMP22 | 1,0234939 | 9,6920024 | 7,7240338 | 1,02E-07 | 2,01E-06 | 7,6396109 | PMP22 |
| SYNC | 1,5050456 | 5,6962938 | 7,7193853 | 1,03E-07 | 2,03E-06 | 7,6296228 | SYNC |
| NLGN1 | -1,459286 | 5,5383377 | -7,71737 | 1,04E-07 | 2,03E-06 | 7,6252924 | NLGN1 |
| SH3YL1 | -1,075385 | 9,5032419 | -7,710377 | 1,05E-07 | 2,06E-06 | 7,6102591 | SH3YL1 |
| FLRT1 | -1,075916 | 6,3399889 | -7,704253 | 1,07E-07 | 2,08E-06 | 7,5970871 | FLRT1 |
| FOXN3 | 1,1395091 | 8,5046141 | 7,7024603 | 1,07E-07 | 2,09E-06 | 7,5932318 | FOXN3 |
| KITLG | 1,1080444 | 7,6744351 | 7,6965159 | 1,09E-07 | 2,11E-06 | 7,5804414 | KITLG |
| HOXA5 | -1,916231 | 7,1071711 | -7,69584 | 1,09E-07 | 2,11E-06 | 7,5789868 | HOXA5 |
| MCM10 | -1,459527 | 5,4235422 | -7,693754 | 1,09E-07 | 2,12E-06 | 7,5744981 | MCM10 |
| ZNF367 | -1,707121 | 5,8274438 | -7,693091 | 1,09E-07 | 2,12E-06 | 7,5730694 | ZNF367 |
| ENO2 | 1,1185254 | 6,2179449 | 7,692817 | 1,09E-07 | 2,12E-06 | 7,5724803 | ENO2 |
| SLC44A4 | -1,589267 | 5,3825058 | -7,692385 | 1,10E-07 | 2,12E-06 | 7,5715506 | SLC44A4 |
| MCM4 | -1,640839 | 7,1811793 | -7,684262 | 1,11E-07 | 2,15E-06 | 7,5540613 | MCM4 |
| PRIM2B | -1,148465 | 5,6811021 | -7,683143 | 1,12E-07 | 2,15E-06 | 7,5516495 | PRIM2B |
| HEY1 | -1,217269 | 7,3885281 | -7,676341 | 1,13E-07 | 2,18E-06 | 7,5369973 | HEY1 |
| ITGA7 | 1,0719007 | 7,1546693 | 7,673074 | 1,14E-07 | 2,19E-06 | 7,5299564 | ITGA7 |
| AURKB | -1,736293 | 6,2013518 | -7,662777 | 1,17E-07 | 2,24E-06 | 7,5077563 | AURKB |
| C10orf128 | 1,133144 | 6,0585634 | 7,6602188 | 1,17E-07 | 2,25E-06 | 7,5022401 | C10orf128 |
| LRRN3 | 1,155033 | 6,1613535 | 7,6556265 | 1,18E-07 | 2,27E-06 | 7,4923334 | LRRN3 |
| FCGR2A | 1,6271642 | 6,2176929 | 7,6456295 | 1,21E-07 | 2,31E-06 | 7,470758 | FCGR2A |
| GFRA1 | 1,3833108 | 6,3609331 | 7,6347745 | 1,24E-07 | 2,35E-06 | 7,4473155 | GFRA1 |
| KLF7 | 1,0502722 | 7,5277086 | 7,6333572 | 1,24E-07 | 2,35E-06 | 7,4442537 | KLF7 |
| IHH | -2,699646 | 7,4821038 | -7,632003 | 1,25E-07 | 2,36E-06 | 7,4413269 | IHH |
| TOM1L1 | -1,483302 | 7,4096972 | -7,620055 | 1,28E-07 | 2,41E-06 | 7,4155017 | TOM1L1 |
| RBM24 | -1,468515 | 6,2546107 | -7,613913 | 1,29E-07 | 2,43E-06 | 7,4022185 | RBM24 |
| HNRNPAB | -1,103188 | 9,8400883 | -7,611364 | 1,30E-07 | 2,44E-06 | 7,3967045 | HNRNPAB |
| H2AFX | -1,778353 | 8,4444574 | -7,596498 | 1,34E-07 | 2,51E-06 | 7,3645289 | H2AFX |
| ANKRD12 | 1,2199012 | 7,0959884 | 7,5961591 | 1,34E-07 | 2,51E-06 | 7,3637948 | ANKRD12 |
| RIPK4 | -1,016545 | 6,8778636 | -7,582041 | 1,39E-07 | 2,58E-06 | 7,3332087 | RIPK4 |
| GPX7 | -1,111171 | 7,6459243 | -7,579319 | 1,39E-07 | 2,59E-06 | 7,3273082 | GPX7 |
| STON1 | 1,8018651 | 7,8776566 | 7,5787599 | 1,40E-07 | 2,59E-06 | 7,3260972 | STON1 |
| KCTD12 | 1,8561444 | 9,8199968 | 7,5762171 | 1,40E-07 | 2,61E-06 | 7,3205846 | KCTD12 |
| SERPINA1 | -2,413717 | 8,2738684 | -7,574898 | 1,41E-07 | 2,61E-06 | 7,3177238 | SERPINA1 |
| IGKC | 3,2010253 | 8,8888418 | 7,5696411 | 1,42E-07 | 2,64E-06 | 7,3063241 | IGKC |
| COL14A1 | 1,2354999 | 8,6399437 | 7,5696358 | 1,42E-07 | 2,64E-06 | 7,3063128 | COL14A1 |
| SLC16A9 | 1,6781668 | 7,701446 | 7,5573813 | 1,46E-07 | 2,70E-06 | 7,2797226 | SLC16A9 |
| NTF3 | 1,0413576 | 6,2634699 | 7,5536751 | 1,47E-07 | 2,72E-06 | 7,2716769 | NTF3 |
| PROM1 | -2,247509 | 6,4602709 | -7,548141 | 1,49E-07 | 2,75E-06 | 7,2596597 | PROM1 |
| ERG | 1,0605167 | 6,3910498 | 7,5467546 | 1,49E-07 | 2,75E-06 | 7,2566485 | ERG |
| MEG3 | 2,6052144 | 8,4267029 | 7,5419414 | 1,51E-07 | 2,78E-06 | 7,2461925 | MEG3 |
| C3AR1 | 1,0564886 | 6,694754 | 7,5372325 | 1,52E-07 | 2,80E-06 | 7,2359599 | C3AR1 |
| LRFN5 | -1,104214 | 5,5068097 | -7,532416 | 1,54E-07 | 2,83E-06 | 7,2254905 | LRFN5 |
| TRIP13 | -1,362418 | 6,7362226 | -7,53018 | 1,55E-07 | 2,84E-06 | 7,220629 | TRIP13 |
| KLHDC1 | 1,2164188 | 6,6631583 | 7,5210895 | 1,58E-07 | 2,89E-06 | 7,2008589 | KLHDC1 |
| MIR29C | 1,8049343 | 6,3371218 | 7,520473 | 1,58E-07 | 2,89E-06 | 7,1995178 | MIR29C |
| LOC101927809 | 1,4412175 | 5,4691935 | 7,5140216 | 1,60E-07 | 2,92E-06 | 7,1854798 | LOC101927809 |
| LAMA4 | 1,1108357 | 8,3630675 | 7,5079999 | 1,62E-07 | 2,95E-06 | 7,1723717 | LAMA4 |
| FXYD3 | -1,808981 | 6,9578755 | -7,506863 | 1,63E-07 | 2,95E-06 | 7,1698956 | FXYD3 |
| NR3C2 | 1,7131465 | 6,4088869 | 7,5067336 | 1,63E-07 | 2,95E-06 | 7,1696145 | NR3C2 |
| HJURP | -1,351152 | 6,0538615 | -7,504745 | 1,63E-07 | 2,96E-06 | 7,1652836 | HJURP |
| PRR15L | -1,160133 | 6,4047159 | -7,49458 | 1,67E-07 | 3,02E-06 | 7,1431416 | PRR15L |
| PPM1K | 1,1564202 | 8,0291327 | 7,4919069 | 1,68E-07 | 3,03E-06 | 7,1373169 | PPM1K |
| SPATA17 | -1,27767 | 5,0349486 | -7,489678 | 1,69E-07 | 3,04E-06 | 7,1324597 | SPATA17 |
| KIF23 | -1,79206 | 4,9173689 | -7,486297 | 1,70E-07 | 3,06E-06 | 7,1250888 | KIF23 |
| NCAPH | -1,122168 | 6,201679 | -7,483897 | 1,71E-07 | 3,07E-06 | 7,1198564 | NCAPH |
| CDC20 | -1,808442 | 6,7990469 | -7,481893 | 1,72E-07 | 3,08E-06 | 7,1154872 | CDC20 |
| IGF1 | -1,743138 | 10,053388 | -7,481006 | 1,72E-07 | 3,08E-06 | 7,1135528 | IGF1 |
| SORCS2 | 1,0066423 | 6,2548263 | 7,4806554 | 1,72E-07 | 3,08E-06 | 7,1127878 | SORCS2 |
| CLDN10 | -2,644305 | 7,2340551 | -7,471394 | 1,76E-07 | 3,14E-06 | 7,0925837 | CLDN10 |
| EMID1 | -1,1422 | 7,6569751 | -7,471034 | 1,76E-07 | 3,14E-06 | 7,0917993 | EMID1 |
| FCGR2B | 1,8700784 | 6,0617023 | 7,4669738 | 1,77E-07 | 3,16E-06 | 7,0829381 | FCGR2B |
| ABHD17C | -1,361885 | 6,442179 | -7,462477 | 1,79E-07 | 3,18E-06 | 7,0731229 | ABHD17C |
| AMIGO2 | 1,8619672 | 8,66905 | 7,4539951 | 1,82E-07 | 3,24E-06 | 7,0545992 | AMIGO2 |
| CITED4 | -1,020604 | 6,7539061 | -7,448845 | 1,84E-07 | 3,26E-06 | 7,0433489 | CITED4 |
| TGFBI | -1,819642 | 10,183753 | -7,446282 | 1,85E-07 | 3,28E-06 | 7,0377471 | TGFBI |
| SCNN1G | -2,245787 | 5,4491385 | -7,444726 | 1,86E-07 | 3,29E-06 | 7,0343472 | SCNN1G |
| APOBEC3B | -2,319051 | 5,6579354 | -7,429625 | 1,92E-07 | 3,38E-06 | 7,0013268 | APOBEC3B |
| AASS | 1,2678978 | 6,9370472 | 7,429113 | 1,92E-07 | 3,38E-06 | 7,0002068 | AASS |
| PLS1 | -1,702804 | 5,9860197 | -7,425463 | 1,94E-07 | 3,40E-06 | 6,9922219 | PLS1 |
| WFIKKN2 | 1,1683584 | 5,9994314 | 7,424476 | 1,94E-07 | 3,40E-06 | 6,9900614 | WFIKKN2 |
| PODXL | -1,338494 | 8,5060653 | -7,42435 | 1,94E-07 | 3,40E-06 | 6,9897857 | PODXL |
| KIF5A | -1,058816 | 5,8991113 | -7,417263 | 1,97E-07 | 3,45E-06 | 6,9742738 | KIF5A |
| SYNPO2 | 1,9616633 | 9,3211051 | 7,4166372 | 1,98E-07 | 3,45E-06 | 6,972904 | SYNPO2 |
| LOC100288570 | -1,196169 | 7,2201772 | -7,40935 | 2,01E-07 | 3,50E-06 | 6,9569466 | LOC100288570 |
| C4BPB | 1,4216628 | 6,0136688 | 7,4090513 | 2,01E-07 | 3,50E-06 | 6,9562924 | C4BPB |
| SLC25A15 | -1,033035 | 6,8983995 | -7,391877 | 2,09E-07 | 3,62E-06 | 6,9186555 | SLC25A15 |
| DDIAS | -1,043435 | 5,9385114 | -7,389863 | 2,09E-07 | 3,64E-06 | 6,9142392 | DDIAS |
| CKAP2 | -1,875359 | 7,0586012 | -7,387695 | 2,10E-07 | 3,65E-06 | 6,9094858 | CKAP2 |
| ANLN | -2,031089 | 5,8775065 | -7,387614 | 2,10E-07 | 3,65E-06 | 6,9093072 | ANLN |
| SIGLEC16 | 1,4900096 | 5,9970134 | 7,3787469 | 2,15E-07 | 3,72E-06 | 6,8898561 | SIGLEC16 |
| COL4A3 | 1,6330069 | 4,9362764 | 7,3731613 | 2,17E-07 | 3,75E-06 | 6,8775976 | COL4A3 |
| MAP2 | 1,6054116 | 6,5701769 | 7,3648619 | 2,21E-07 | 3,81E-06 | 6,8593756 | MAP2 |
| CPM | -3,316056 | 9,0238874 | -7,364295 | 2,21E-07 | 3,81E-06 | 6,8581301 | CPM |
| ITGA6 | -1,436263 | 8,5256621 | -7,347584 | 2,30E-07 | 3,91E-06 | 6,821412 | ITGA6 |
| CBX7 | 1,4144488 | 8,2164914 | 7,3465696 | 2,30E-07 | 3,91E-06 | 6,8191816 | CBX7 |
| RFC3 | -1,240963 | 7,2044768 | -7,345357 | 2,31E-07 | 3,92E-06 | 6,8165158 | RFC3 |
| PATJ | -1,172077 | 6,8386156 | -7,344575 | 2,31E-07 | 3,92E-06 | 6,8147954 | PATJ |
| VSIG4 | 1,3497228 | 6,955176 | 7,3362662 | 2,35E-07 | 3,98E-06 | 6,7965223 | VSIG4 |
| CCDC146 | -1,625684 | 7,1626176 | -7,333914 | 2,36E-07 | 4,00E-06 | 6,791347 | CCDC146 |
| MND1 | -1,399501 | 4,9769776 | -7,329422 | 2,39E-07 | 4,03E-06 | 6,781463 | MND1 |
| CCL26 | 1,3348824 | 5,592925 | 7,3259758 | 2,41E-07 | 4,05E-06 | 6,7738777 | CCL26 |
| SERPINF1 | 1,2633496 | 10,739474 | 7,3248189 | 2,41E-07 | 4,06E-06 | 6,771331 | SERPINF1 |
| IGDCC4 | 1,4878768 | 6,8673636 | 7,3148865 | 2,46E-07 | 4,14E-06 | 6,7494595 | IGDCC4 |
| SPC25 | -1,877332 | 4,9583809 | -7,309181 | 2,49E-07 | 4,17E-06 | 6,7368902 | SPC25 |
| GPSM2 | -1,009268 | 6,1290234 | -7,305872 | 2,51E-07 | 4,19E-06 | 6,7295986 | GPSM2 |
| HMOX1 | 1,8695789 | 7,8592553 | 7,2993532 | 2,55E-07 | 4,24E-06 | 6,7152287 | HMOX1 |
| PRNP | 1,0455837 | 9,5973949 | 7,2880736 | 2,61E-07 | 4,33E-06 | 6,6903519 | PRNP |
| CTNNAL1 | 1,3430965 | 8,8704078 | 7,2747336 | 2,69E-07 | 4,44E-06 | 6,6609094 | CTNNAL1 |
| PAQR8 | 1,1348684 | 7,6576441 | 7,261725 | 2,77E-07 | 4,55E-06 | 6,6321761 | PAQR8 |
| ZMAT1 | 1,436905 | 6,1510946 | 7,2589708 | 2,78E-07 | 4,58E-06 | 6,62609 | ZMAT1 |
| YPEL3 | 1,0374792 | 7,6666329 | 7,2544765 | 2,81E-07 | 4,62E-06 | 6,6161561 | YPEL3 |
| GALNT12 | -2,094498 | 6,4541924 | -7,252989 | 2,82E-07 | 4,63E-06 | 6,6128686 | GALNT12 |
| ECEL1 | 1,4544704 | 6,9437399 | 7,2505186 | 2,83E-07 | 4,65E-06 | 6,6074058 | ECEL1 |
| LRRC1 | -1,124279 | 6,2709787 | -7,248999 | 2,84E-07 | 4,66E-06 | 6,6040462 | LRRC1 |
| NUP62CL | -1,328986 | 4,4448985 | -7,242107 | 2,89E-07 | 4,71E-06 | 6,5888031 | NUP62CL |
| NCAPG2 | -1,055181 | 6,0999595 | -7,241716 | 2,89E-07 | 4,72E-06 | 6,5879378 | NCAPG2 |
| RGS5 | 1,098234 | 9,0864416 | 7,2399535 | 2,90E-07 | 4,73E-06 | 6,584038 | RGS5 |
| CREBRF | 1,3736023 | 8,0571326 | 7,2380686 | 2,91E-07 | 4,75E-06 | 6,5798675 | CREBRF |
| SORD | -2,289748 | 7,9670577 | -7,237315 | 2,92E-07 | 4,75E-06 | 6,5782005 | SORD |
| GALNT15 | 1,6965053 | 6,4640554 | 7,2370761 | 2,92E-07 | 4,75E-06 | 6,5776712 | GALNT15 |
| NRN1 | 1,1759888 | 6,035521 | 7,2361322 | 2,93E-07 | 4,76E-06 | 6,5755824 | NRN1 |
| SSX2IP | -1,032623 | 6,4600167 | -7,233103 | 2,94E-07 | 4,78E-06 | 6,5688791 | SSX2IP |
| PLXNA4 | 1,0812297 | 6,1503251 | 7,225586 | 2,99E-07 | 4,85E-06 | 6,5522366 | PLXNA4 |
| SPAG5 | -1,23955 | 6,2941685 | -7,221966 | 3,02E-07 | 4,89E-06 | 6,5442191 | SPAG5 |
| AHR | 1,0235713 | 8,1658498 | 7,2200417 | 3,03E-07 | 4,90E-06 | 6,5399575 | AHR |
| KIF21A | -1,400278 | 7,334446 | -7,209233 | 3,10E-07 | 5,01E-06 | 6,5160069 | KIF21A |
| TFAP2C | -1,541126 | 6,7229064 | -7,205464 | 3,13E-07 | 5,04E-06 | 6,5076534 | TFAP2C |
| COLEC12 | 1,3307036 | 6,9325201 | 7,2019588 | 3,15E-07 | 5,07E-06 | 6,4998812 | COLEC12 |
| KLF3 | 1,0498465 | 7,9496831 | 7,1954426 | 3,20E-07 | 5,14E-06 | 6,4854293 | KLF3 |
| PTGER2 | 1,4197301 | 6,0500491 | 7,1916382 | 3,22E-07 | 5,18E-06 | 6,476989 | PTGER2 |
| C9orf24 | -1,677778 | 6,1019395 | -7,187334 | 3,25E-07 | 5,21E-06 | 6,4674384 | C9orf24 |
| UBE2T | -1,928454 | 6,1799934 | -7,171774 | 3,37E-07 | 5,37E-06 | 6,4328891 | UBE2T |
| MPPED2 | -1,974576 | 5,9919553 | -7,169569 | 3,38E-07 | 5,39E-06 | 6,4279918 | MPPED2 |
| MCM8 | -1,013033 | 5,9719839 | -7,168934 | 3,39E-07 | 5,39E-06 | 6,4265802 | MCM8 |
| DACH1 | -1,136784 | 6,1982819 | -7,16174 | 3,44E-07 | 5,47E-06 | 6,4105941 | DACH1 |
| GLA | -2,095581 | 8,8762148 | -7,160352 | 3,45E-07 | 5,48E-06 | 6,4075091 | GLA |
| SMC4 | -1,339218 | 8,2828662 | -7,136603 | 3,64E-07 | 5,73E-06 | 6,3546816 | SMC4 |
| CENPH | -1,157997 | 5,6344957 | -7,135656 | 3,64E-07 | 5,74E-06 | 6,3525738 | CENPH |
| LINC00960 | -1,0667 | 5,770045 | -7,123614 | 3,74E-07 | 5,87E-06 | 6,3257602 | LINC00960 |
| PGRMC1 | -1,541226 | 10,873865 | -7,119842 | 3,77E-07 | 5,91E-06 | 6,3173561 | PGRMC1 |
| NR0B1 | 1,1130818 | 5,4385137 | 7,1183495 | 3,79E-07 | 5,93E-06 | 6,3140306 | NR0B1 |
| ABCA1 | 1,2473451 | 8,2170518 | 7,1089071 | 3,87E-07 | 6,04E-06 | 6,2929848 | ABCA1 |
| MET | -1,88048 | 7,1540079 | -7,10873 | 3,87E-07 | 6,04E-06 | 6,2925908 | MET |
| TPK1 | 1,0598524 | 5,8880723 | 7,1065908 | 3,89E-07 | 6,06E-06 | 6,2878203 | TPK1 |
| UHRF1 | -1,764279 | 7,2202898 | -7,101745 | 3,93E-07 | 6,11E-06 | 6,2770135 | UHRF1 |
| CITED2 | 2,0348384 | 8,8429505 | 7,0997424 | 3,94E-07 | 6,13E-06 | 6,2725469 | CITED2 |
| SLCO2B1 | 1,0419964 | 7,0571133 | 7,0996167 | 3,95E-07 | 6,13E-06 | 6,2722666 | SLCO2B1 |
| CDKN3 | -2,127719 | 6,5141936 | -7,090928 | 4,02E-07 | 6,20E-06 | 6,2528808 | CDKN3 |
| SPAG1 | -1,303594 | 4,9931484 | -7,086366 | 4,06E-07 | 6,25E-06 | 6,2426981 | SPAG1 |
| TMEM110-MUSTN1 | 1,5025097 | 6,7421891 | 7,0762473 | 4,15E-07 | 6,36E-06 | 6,2201022 | TMEM110-MUSTN1 |
| NOG | -1,25932 | 4,9683571 | -7,075792 | 4,16E-07 | 6,36E-06 | 6,2190844 | NOG |
| NCAPD2 | -1,049533 | 6,7382211 | -7,074442 | 4,17E-07 | 6,38E-06 | 6,2160706 | NCAPD2 |
| ING2 | 1,3704181 | 7,8628899 | 7,072347 | 4,19E-07 | 6,40E-06 | 6,2113895 | ING2 |
| PLA2G4A | -1,564272 | 6,2223525 | -7,068863 | 4,22E-07 | 6,44E-06 | 6,2036058 | PLA2G4A |
| ANTXR2 | 1,459166 | 8,8957046 | 7,0680099 | 4,23E-07 | 6,44E-06 | 6,2016983 | ANTXR2 |
| GRAMD1C | -2,257892 | 5,8057441 | -7,067924 | 4,23E-07 | 6,44E-06 | 6,2015063 | GRAMD1C |
| GINS2 | -1,518743 | 6,7244134 | -7,066502 | 4,24E-07 | 6,46E-06 | 6,1983296 | GINS2 |
| COL10A1 | 2,2733689 | 6,8081613 | 7,0627532 | 4,28E-07 | 6,50E-06 | 6,1899493 | COL10A1 |
| PAX8 | -1,054884 | 8,3151699 | -7,060346 | 4,30E-07 | 6,54E-06 | 6,1845685 | PAX8 |
| EDNRA | -1,303631 | 9,5005098 | -7,057698 | 4,33E-07 | 6,56E-06 | 6,1786465 | EDNRA |
| C1RL | 1,0535841 | 7,2498237 | 7,0544532 | 4,36E-07 | 6,60E-06 | 6,1713911 | C1RL |
| BTBD3 | -1,208534 | 8,5504004 | -7,054118 | 4,36E-07 | 6,60E-06 | 6,1706419 | BTBD3 |
| CCNB2 | -2,064024 | 6,2479717 | -7,049323 | 4,41E-07 | 6,66E-06 | 6,1599165 | CCNB2 |
| C20orf85 | -2,071501 | 5,8675682 | -7,048377 | 4,42E-07 | 6,67E-06 | 6,1578006 | C20orf85 |
| PTGDR | 1,6970072 | 5,4857022 | 7,0424976 | 4,48E-07 | 6,74E-06 | 6,144644 | PTGDR |
| HLF | 1,6816675 | 6,3119908 | 7,0402019 | 4,50E-07 | 6,76E-06 | 6,1395059 | HLF |
| PPARG | 1,3297123 | 6,1233286 | 7,0316718 | 4,58E-07 | 6,87E-06 | 6,1204084 | PPARG |
| LMNB1 | -1,843487 | 6,6610141 | -7,028844 | 4,61E-07 | 6,91E-06 | 6,1140754 | LMNB1 |
| MMP16 | -1,609963 | 7,3243255 | -7,004793 | 4,86E-07 | 7,24E-06 | 6,0601703 | MMP16 |
| ATP8B3 | -2,09618 | 6,1813029 | -7,002282 | 4,89E-07 | 7,26E-06 | 6,0545381 | ATP8B3 |
| SOD3 | 1,4207217 | 7,3457415 | 7,0020874 | 4,89E-07 | 7,26E-06 | 6,0541024 | SOD3 |
| C4B\_2 | 2,6854711 | 9,3977072 | 6,997265 | 4,95E-07 | 7,32E-06 | 6,0432836 | C4B\_2 |
| LEF1 | -1,708289 | 8,6715763 | -6,995972 | 4,96E-07 | 7,33E-06 | 6,040382 | LEF1 |
| CDCA8 | -1,204553 | 6,5567241 | -6,994697 | 4,97E-07 | 7,35E-06 | 6,0375215 | CDCA8 |
| FAS | 1,1033631 | 7,8347877 | 6,991427 | 5,01E-07 | 7,40E-06 | 6,0301823 | FAS |
| GJA9-MYCBP | -1,217543 | 7,0256306 | -6,983023 | 5,10E-07 | 7,51E-06 | 6,0113149 | GJA9-MYCBP |
| KMO | -3,363909 | 6,7753833 | -6,971341 | 5,24E-07 | 7,68E-06 | 5,9850747 | KMO |
| LOC101929964 | 1,0209545 | 6,79952 | 6,9632896 | 5,33E-07 | 7,80E-06 | 5,9669779 | LOC101929964 |
| AGR3 | -2,889965 | 6,178929 | -6,962432 | 5,34E-07 | 7,80E-06 | 5,9650501 | AGR3 |
| SMIM3 | 1,1778505 | 7,3372299 | 6,9623071 | 5,34E-07 | 7,80E-06 | 5,9647691 | SMIM3 |
| GGH | -1,683242 | 6,648505 | -6,953541 | 5,45E-07 | 7,95E-06 | 5,9450569 | GGH |
| RNASE6 | 1,2526819 | 6,8040115 | 6,9514836 | 5,47E-07 | 7,98E-06 | 5,9404286 | RNASE6 |
| MLPH | -1,160763 | 7,6723083 | -6,948758 | 5,51E-07 | 8,02E-06 | 5,9342959 | MLPH |
| PEMT | -1,189576 | 7,5774576 | -6,944264 | 5,56E-07 | 8,08E-06 | 5,9241847 | PEMT |
| TNNC1 | -1,190698 | 5,4119502 | -6,941104 | 5,60E-07 | 8,12E-06 | 5,9170729 | TNNC1 |
| STRA6 | -1,209973 | 7,3213707 | -6,938858 | 5,63E-07 | 8,16E-06 | 5,9120166 | STRA6 |
| MXI1 | 1,1772196 | 9,1738861 | 6,9385247 | 5,63E-07 | 8,16E-06 | 5,9112663 | MXI1 |
| PGM5 | 2,2470612 | 7,0778321 | 6,9331843 | 5,70E-07 | 8,23E-06 | 5,8992421 | PGM5 |
| MEOX2 | 1,5849458 | 4,5618382 | 6,9228193 | 5,83E-07 | 8,38E-06 | 5,8758948 | MEOX2 |
| STEAP1 | 1,4691784 | 6,8590697 | 6,9216938 | 5,85E-07 | 8,39E-06 | 5,8733588 | STEAP1 |
| KIAA0895 | 1,272359 | 5,4904085 | 6,9203848 | 5,87E-07 | 8,41E-06 | 5,8704092 | KIAA0895 |
| ADAMTS3 | 1,0883334 | 5,3820827 | 6,9143412 | 5,95E-07 | 8,50E-06 | 5,8567877 | ADAMTS3 |
| PTPRB | 1,2256741 | 7,1833754 | 6,9068172 | 6,05E-07 | 8,63E-06 | 5,8398233 | PTPRB |
| SCG2 | 1,989854 | 5,5097323 | 6,8996443 | 6,14E-07 | 8,76E-06 | 5,8236439 | SCG2 |
| WNK3 | 1,0601887 | 6,1705226 | 6,891559 | 6,26E-07 | 8,91E-06 | 5,8053987 | WNK3 |
| POLE2 | -1,190104 | 6,4259726 | -6,882297 | 6,39E-07 | 9,05E-06 | 5,7844878 | POLE2 |
| ANTXR1 | 1,1159134 | 10,182826 | 6,8814775 | 6,40E-07 | 9,06E-06 | 5,7826374 | ANTXR1 |
| GTSE1 | -2,138946 | 6,960196 | -6,881035 | 6,40E-07 | 9,06E-06 | 5,7816376 | GTSE1 |
| GJA5 | 1,4293573 | 5,4872305 | 6,8784343 | 6,44E-07 | 9,10E-06 | 5,7757641 | GJA5 |
| PRSS12 | -1,719343 | 6,7404017 | -6,871876 | 6,54E-07 | 9,23E-06 | 5,7609489 | PRSS12 |
| LOC101927705 | -1,482977 | 8,1628473 | -6,870379 | 6,56E-07 | 9,25E-06 | 5,757566 | LOC101927705 |
| FAM13C | 1,2706746 | 6,8259645 | 6,8662535 | 6,62E-07 | 9,32E-06 | 5,7482415 | FAM13C |
| HMGB2 | -1,209465 | 9,9237938 | -6,858878 | 6,73E-07 | 9,47E-06 | 5,7315682 | HMGB2 |
| PTTG1 | -1,661154 | 7,8374443 | -6,855017 | 6,79E-07 | 9,54E-06 | 5,7228372 | PTTG1 |
| NTN1 | -1,08064 | 6,0190708 | -6,854688 | 6,79E-07 | 9,54E-06 | 5,7220919 | NTN1 |
| PLOD2 | 1,4956175 | 8,4715309 | 6,8483051 | 6,89E-07 | 9,65E-06 | 5,7076534 | PLOD2 |
| HEG1 | 1,2110317 | 9,0227489 | 6,8400857 | 7,02E-07 | 9,80E-06 | 5,6890527 | HEG1 |
| MUC1 | -1,448015 | 7,9654897 | -6,840004 | 7,02E-07 | 9,80E-06 | 5,6888668 | MUC1 |
| TXLNB | 1,1695696 | 4,0727949 | 6,8390503 | 7,03E-07 | 9,82E-06 | 5,686709 | TXLNB |
| SHISA2 | 1,2310305 | 4,7621857 | 6,8202101 | 7,34E-07 | 1,02E-05 | 5,6440393 | SHISA2 |
| IFI44 | 1,0209881 | 7,0888949 | 6,8188553 | 7,36E-07 | 1,02E-05 | 5,6409692 | IFI44 |
| CXXC5 | -1,082257 | 8,5017544 | -6,813422 | 7,45E-07 | 1,03E-05 | 5,6286555 | CXXC5 |
| HLA-DRB1 | 1,1779397 | 10,211767 | 6,8103507 | 7,50E-07 | 1,04E-05 | 5,6216919 | HLA-DRB1 |
| CCL8 | 1,6099484 | 5,7334677 | 6,8077591 | 7,54E-07 | 1,04E-05 | 5,6158157 | CCL8 |
| RSAD2 | 1,0528883 | 5,8738863 | 6,8038099 | 7,61E-07 | 1,05E-05 | 5,6068598 | RSAD2 |
| LMNB2 | -1,15892 | 7,5769445 | -6,79724 | 7,72E-07 | 1,06E-05 | 5,5919569 | LMNB2 |
| PPA1 | -1,187988 | 10,568539 | -6,791442 | 7,82E-07 | 1,07E-05 | 5,5788 | PPA1 |
| LINC00621 | -1,964631 | 8,8159869 | -6,775156 | 8,11E-07 | 1,11E-05 | 5,5418201 | LINC00621 |
| RNF217 | 1,1124469 | 7,3425873 | 6,7655935 | 8,29E-07 | 1,13E-05 | 5,5200937 | RNF217 |
| TROAP | -1,064629 | 6,6576516 | -6,765493 | 8,29E-07 | 1,13E-05 | 5,519865 | TROAP |
| RRAD | 1,0892227 | 6,0543256 | 6,7603875 | 8,39E-07 | 1,14E-05 | 5,5082601 | RRAD |
| LOC100996809 | 1,2856228 | 9,923717 | 6,7555742 | 8,48E-07 | 1,15E-05 | 5,4973164 | LOC100996809 |
| ARHGAP22 | 1,3681089 | 5,4737904 | 6,7519282 | 8,55E-07 | 1,16E-05 | 5,4890245 | ARHGAP22 |
| XBP1 | -1,318255 | 9,0906039 | -6,750658 | 8,57E-07 | 1,16E-05 | 5,4861346 | XBP1 |
| NCAPG | -1,784359 | 5,5187082 | -6,746827 | 8,65E-07 | 1,17E-05 | 5,4774215 | NCAPG |
| LYPLA1 | -1,082915 | 8,8315148 | -6,741492 | 8,75E-07 | 1,18E-05 | 5,4652818 | LYPLA1 |
| PSAT1 | -2,168851 | 6,1821906 | -6,740588 | 8,77E-07 | 1,18E-05 | 5,4632239 | PSAT1 |
| NPAS3 | -2,435976 | 6,6961868 | -6,736323 | 8,85E-07 | 1,19E-05 | 5,4535163 | NPAS3 |
| CCDC113 | -1,405588 | 5,6605165 | -6,724162 | 9,10E-07 | 1,22E-05 | 5,4258245 | CCDC113 |
| PANK1 | -1,061983 | 5,8981349 | -6,723871 | 9,11E-07 | 1,22E-05 | 5,4251626 | PANK1 |
| PLCL1 | 1,5973102 | 6,0032788 | 6,7218104 | 9,15E-07 | 1,23E-05 | 5,4204684 | PLCL1 |
| GREM2 | -1,996329 | 6,2083038 | -6,720551 | 9,17E-07 | 1,23E-05 | 5,4176004 | GREM2 |
| LBH | 1,365866 | 8,531371 | 6,7188971 | 9,21E-07 | 1,23E-05 | 5,4138312 | LBH |
| ME1 | 1,0115171 | 7,2650403 | 6,7069328 | 9,46E-07 | 1,26E-05 | 5,3865623 | ME1 |
| PBXIP1 | 1,0048275 | 8,7528263 | 6,6983917 | 9,64E-07 | 1,28E-05 | 5,3670849 | PBXIP1 |
| FBXL13 | 1,8336669 | 5,8403572 | 6,694817 | 9,72E-07 | 1,29E-05 | 5,3589302 | FBXL13 |
| MS4A4A | 2,2101051 | 6,4933357 | 6,6894536 | 9,84E-07 | 1,30E-05 | 5,3466924 | MS4A4A |
| MNDA | 1,5564927 | 5,7540748 | 6,6886562 | 9,86E-07 | 1,30E-05 | 5,3448728 | MNDA |
| KIF14 | -1,438794 | 5,1265568 | -6,684481 | 9,95E-07 | 1,31E-05 | 5,3353426 | KIF14 |
| FAM63B | 1,3334574 | 7,6058887 | 6,6841757 | 9,96E-07 | 1,31E-05 | 5,3346464 | FAM63B |
| UGT2B28 | -1,035547 | 6,1972737 | -6,683703 | 9,97E-07 | 1,31E-05 | 5,3335677 | UGT2B28 |
| ANOS1 | 1,2022229 | 6,1450261 | 6,6774719 | 1,01E-06 | 1,33E-05 | 5,319341 | ANOS1 |
| HSPA6 | 1,7298528 | 6,6396671 | 6,6737277 | 1,02E-06 | 1,34E-05 | 5,3107903 | HSPA6 |
| CWH43 | -1,050678 | 5,2269855 | -6,671266 | 1,03E-06 | 1,34E-05 | 5,3051682 | CWH43 |
| ADAMTS9-AS2 | 1,5027382 | 7,6009375 | 6,6543514 | 1,07E-06 | 1,39E-05 | 5,2665132 | ADAMTS9-AS2 |
| BRI3BP | -1,112085 | 6,9454174 | -6,653365 | 1,07E-06 | 1,39E-05 | 5,2642584 | BRI3BP |
| CADM1 | -1,573742 | 8,5927366 | -6,651289 | 1,07E-06 | 1,39E-05 | 5,2595112 | CADM1 |
| MMP11 | -2,204349 | 9,342716 | -6,645266 | 1,09E-06 | 1,41E-05 | 5,2457365 | MMP11 |
| GNAL | 1,1364318 | 6,6321065 | 6,6417035 | 1,10E-06 | 1,42E-05 | 5,2375867 | GNAL |
| COL16A1 | 1,8797921 | 9,2581757 | 6,6329002 | 1,12E-06 | 1,44E-05 | 5,217442 | COL16A1 |
| LRRC2 | 1,3546544 | 5,5824575 | 6,6314698 | 1,12E-06 | 1,45E-05 | 5,2141677 | LRRC2 |
| TMCC3 | 1,1817988 | 6,7013531 | 6,6184855 | 1,16E-06 | 1,48E-05 | 5,184436 | TMCC3 |
| NAP1L2 | 1,2891805 | 5,3808674 | 6,6121883 | 1,17E-06 | 1,50E-05 | 5,1700092 | NAP1L2 |
| EDIL3 | 1,3971766 | 9,0374947 | 6,60559 | 1,19E-06 | 1,52E-05 | 5,1548878 | EDIL3 |
| BORA | -1,083442 | 5,7639239 | -6,604537 | 1,19E-06 | 1,53E-05 | 5,1524733 | BORA |
| CDC6 | -1,046886 | 5,4569409 | -6,595935 | 1,22E-06 | 1,55E-05 | 5,1327525 | CDC6 |
| PDGFRA | 1,2730861 | 10,859396 | 6,5949678 | 1,22E-06 | 1,55E-05 | 5,1305333 | PDGFRA |
| ATP8A1 | 1,0058528 | 6,1497433 | 6,5878555 | 1,24E-06 | 1,57E-05 | 5,114219 | ATP8A1 |
| PCDH19 | -1,198235 | 6,8681509 | -6,58499 | 1,25E-06 | 1,58E-05 | 5,1076449 | PCDH19 |
| OSMR | 1,5550701 | 8,2472926 | 6,5847473 | 1,25E-06 | 1,58E-05 | 5,1070873 | OSMR |
| INHBA | 2,8329527 | 6,8117829 | 6,582384 | 1,25E-06 | 1,59E-05 | 5,1016643 | INHBA |
| FGD4 | 1,2488942 | 7,1202466 | 6,5809972 | 1,26E-06 | 1,59E-05 | 5,0984815 | FGD4 |
| CPED1 | 1,877447 | 8,5238956 | 6,5779828 | 1,27E-06 | 1,60E-05 | 5,0915628 | CPED1 |
| GLS | 1,0176938 | 8,9204092 | 6,5709346 | 1,29E-06 | 1,62E-05 | 5,0753811 | GLS |
| GPR137C | -1,161861 | 4,5052131 | -6,563217 | 1,31E-06 | 1,65E-05 | 5,0576549 | GPR137C |
| PDZD2 | 1,6750697 | 7,4103326 | 6,5514903 | 1,34E-06 | 1,69E-05 | 5,0307097 | PDZD2 |
| PDE3A | 1,0211833 | 6,779242 | 6,547088 | 1,36E-06 | 1,70E-05 | 5,0205895 | PDE3A |
| MACROD2 | 1,1711317 | 6,321231 | 6,5320703 | 1,41E-06 | 1,75E-05 | 4,9860492 | MACROD2 |
| IL7R | 1,1917471 | 6,8209364 | 6,5290204 | 1,42E-06 | 1,76E-05 | 4,9790314 | IL7R |
| TLR5 | 1,0120433 | 6,6811486 | 6,5193591 | 1,45E-06 | 1,79E-05 | 4,9567932 | TLR5 |
| ADCYAP1R1 | -1,495033 | 6,3181906 | -6,509536 | 1,48E-06 | 1,83E-05 | 4,9341717 | ADCYAP1R1 |
| MSR1 | 1,6540138 | 5,4206986 | 6,5090676 | 1,48E-06 | 1,83E-05 | 4,9330924 | MSR1 |
| PRDM1 | -2,13691 | 8,5152667 | -6,507869 | 1,48E-06 | 1,84E-05 | 4,9303309 | PRDM1 |
| NEFH | 1,1077001 | 6,2027917 | 6,5073578 | 1,49E-06 | 1,84E-05 | 4,9291537 | NEFH |
| CLEC2B | 1,4654431 | 8,8566638 | 6,4984683 | 1,52E-06 | 1,87E-05 | 4,9086699 | CLEC2B |
| CDC42EP3 | 1,4640052 | 8,1308679 | 6,4920578 | 1,54E-06 | 1,89E-05 | 4,8938928 | CDC42EP3 |
| SHCBP1 | -1,959228 | 5,1825787 | -6,487774 | 1,55E-06 | 1,91E-05 | 4,8840154 | SHCBP1 |
| LOC101060835 | 1,2526509 | 10,119397 | 6,4850728 | 1,56E-06 | 1,92E-05 | 4,8777858 | LOC101060835 |
| NTN4 | 1,4798335 | 6,7283201 | 6,4795712 | 1,58E-06 | 1,94E-05 | 4,8650954 | NTN4 |
| ODC1 | -1,018581 | 9,2422178 | -6,469173 | 1,62E-06 | 1,98E-05 | 4,8411001 | ODC1 |
| CEP126 | 1,0440497 | 6,955075 | 6,468322 | 1,62E-06 | 1,98E-05 | 4,8391364 | CEP126 |
| SCUBE2 | -1,652269 | 7,4297658 | -6,467445 | 1,63E-06 | 1,98E-05 | 4,8371127 | SCUBE2 |
| LTBP3 | 1,0270339 | 8,4922114 | 6,4666692 | 1,63E-06 | 1,98E-05 | 4,835321 | LTBP3 |
| SYTL4 | 1,3351583 | 7,8035001 | 6,4575827 | 1,67E-06 | 2,02E-05 | 4,8143402 | SYTL4 |
| BEX2 | 1,1761254 | 7,6588747 | 6,4555347 | 1,67E-06 | 2,03E-05 | 4,8096102 | BEX2 |
| MAG | 1,0565004 | 5,6672392 | 6,4524085 | 1,69E-06 | 2,05E-05 | 4,8023889 | MAG |
| TACSTD2 | -2,410841 | 8,0738592 | -6,445476 | 1,71E-06 | 2,07E-05 | 4,7863721 | TACSTD2 |
| SLITRK6 | -1,876908 | 6,03723 | -6,434795 | 1,75E-06 | 2,11E-05 | 4,7616805 | SLITRK6 |
| PARD6B | -1,030795 | 5,2309969 | -6,430097 | 1,77E-06 | 2,13E-05 | 4,7508171 | PARD6B |
| COL5A1 | -1,181532 | 9,8202671 | -6,418467 | 1,82E-06 | 2,18E-05 | 4,7239133 | COL5A1 |
| SLC44A3 | -1,131893 | 6,3645017 | -6,395948 | 1,92E-06 | 2,28E-05 | 4,6717737 | SLC44A3 |
| SYNE3 | 1,2037864 | 6,2508694 | 6,3798008 | 1,99E-06 | 2,36E-05 | 4,6343534 | SYNE3 |
| INS-IGF2 | -1,568215 | 9,4258743 | -6,375101 | 2,01E-06 | 2,38E-05 | 4,6234555 | INS-IGF2 |
| MIR6884 | -1,192988 | 7,5599274 | -6,359644 | 2,08E-06 | 2,45E-05 | 4,5875976 | MIR6884 |
| RAD51 | -1,213276 | 5,3923494 | -6,355108 | 2,11E-06 | 2,47E-05 | 4,5770715 | RAD51 |
| IRS2 | 1,7594922 | 8,3467518 | 6,3545551 | 2,11E-06 | 2,48E-05 | 4,5757871 | IRS2 |
| SEMA5A | -1,136556 | 7,6858287 | -6,338867 | 2,19E-06 | 2,56E-05 | 4,5393572 | SEMA5A |
| MUC16 | -2,099878 | 6,7587422 | -6,335169 | 2,20E-06 | 2,58E-05 | 4,530766 | MUC16 |
| HSD17B6 | 1,2146094 | 5,5640072 | 6,3321884 | 2,22E-06 | 2,59E-05 | 4,5238398 | HSD17B6 |
| FLJ16734 | -1,39831 | 6,0579133 | -6,331816 | 2,22E-06 | 2,59E-05 | 4,5229735 | FLJ16734 |
| OIP5 | -1,293169 | 5,5943124 | -6,330849 | 2,23E-06 | 2,60E-05 | 4,5207272 | OIP5 |
| CCNE2 | -1,755569 | 5,1800333 | -6,326876 | 2,25E-06 | 2,61E-05 | 4,5114936 | CCNE2 |
| SEPP1 | 1,0142596 | 11,164665 | 6,3163848 | 2,30E-06 | 2,66E-05 | 4,4871017 | SEPP1 |
| DOCK11 | 1,0503443 | 6,9400063 | 6,3157222 | 2,31E-06 | 2,66E-05 | 4,4855606 | DOCK11 |
| FEN1 | -1,322481 | 7,1342854 | -6,309698 | 2,34E-06 | 2,69E-05 | 4,4715494 | FEN1 |
| INSR | 1,4430802 | 8,7108733 | 6,3093177 | 2,34E-06 | 2,69E-05 | 4,4706639 | INSR |
| ACKR1 | 1,1459622 | 6,7765334 | 6,3092159 | 2,34E-06 | 2,69E-05 | 4,4704273 | ACKR1 |
| CHRM3 | 1,0565275 | 5,8808131 | 6,3064308 | 2,35E-06 | 2,71E-05 | 4,4639476 | CHRM3 |
| TBX3 | -1,02722 | 8,5176238 | -6,292643 | 2,43E-06 | 2,79E-05 | 4,4318571 | TBX3 |
| LEFTY1 | 1,3446135 | 6,9161948 | 6,2909524 | 2,44E-06 | 2,80E-05 | 4,4279216 | LEFTY1 |
| GJA4 | -1,204817 | 7,3669393 | -6,276264 | 2,52E-06 | 2,88E-05 | 4,3937091 | GJA4 |
| CTHRC1 | 1,7668453 | 8,7474783 | 6,2751928 | 2,53E-06 | 2,89E-05 | 4,3912137 | CTHRC1 |
| MIR3671 | 1,4804315 | 6,0990822 | 6,2749308 | 2,53E-06 | 2,89E-05 | 4,3906033 | MIR3671 |
| BRIP1 | -1,327307 | 5,7087254 | -6,27272 | 2,55E-06 | 2,90E-05 | 4,385451 | BRIP1 |
| HTRA3 | 1,2297732 | 7,2182539 | 6,2697954 | 2,56E-06 | 2,92E-05 | 4,3786356 | HTRA3 |
| C2orf74 | 1,0314403 | 6,7949084 | 6,2684342 | 2,57E-06 | 2,92E-05 | 4,3754629 | C2orf74 |
| WNT2 | -1,515269 | 7,8061727 | -6,264997 | 2,59E-06 | 2,94E-05 | 4,3674513 | WNT2 |
| ZNF516 | -1,191186 | 8,272037 | -6,25889 | 2,63E-06 | 2,98E-05 | 4,3532115 | ZNF516 |
| LOC101927263 | -1,07634 | 7,0839975 | -6,248354 | 2,69E-06 | 3,03E-05 | 4,3286361 | LOC101927263 |
| S1PR3 | -1,643723 | 7,6784846 | -6,240114 | 2,74E-06 | 3,08E-05 | 4,3094097 | S1PR3 |
| DEGS2 | -1,023618 | 6,0109272 | -6,232551 | 2,79E-06 | 3,12E-05 | 4,291754 | DEGS2 |
| MAP3K5 | 1,9702348 | 8,2937353 | 6,227115 | 2,83E-06 | 3,16E-05 | 4,2790612 | MAP3K5 |
| TDGF1P3 | 1,6383264 | 7,1978083 | 6,2263371 | 2,83E-06 | 3,16E-05 | 4,2772445 | TDGF1P3 |
| SLC26A2 | -1,449495 | 8,7297909 | -6,215232 | 2,91E-06 | 3,24E-05 | 4,2513017 | SLC26A2 |
| SLC2A1 | -1,215934 | 7,253818 | -6,215231 | 2,91E-06 | 3,24E-05 | 4,2512998 | SLC2A1 |
| PTGER3 | 1,5312273 | 5,8489521 | 6,2014821 | 3,00E-06 | 3,32E-05 | 4,2191641 | PTGER3 |
| FCGR1B | 1,4024799 | 6,1220126 | 6,1955907 | 3,04E-06 | 3,36E-05 | 4,2053874 | FCGR1B |
| PNOC | 2,39507 | 6,500498 | 6,1763523 | 3,18E-06 | 3,50E-05 | 4,1603741 | PNOC |
| RARRES3 | 1,2346802 | 7,875392 | 6,1682 | 3,24E-06 | 3,56E-05 | 4,1412877 | RARRES3 |
| ANK3 | -1,069201 | 8,462124 | -6,1636 | 3,28E-06 | 3,59E-05 | 4,1305145 | ANK3 |
| SYNE2 | 1,2563347 | 8,2185443 | 6,1635012 | 3,28E-06 | 3,59E-05 | 4,1302834 | SYNE2 |
| COBLL1 | 1,2595492 | 6,1995495 | 6,1629302 | 3,28E-06 | 3,60E-05 | 4,1289462 | COBLL1 |
| CENPN | -1,449609 | 6,2173453 | -6,159122 | 3,31E-06 | 3,62E-05 | 4,1200267 | CENPN |
| LVRN | 1,0830363 | 4,797099 | 6,1549923 | 3,34E-06 | 3,65E-05 | 4,1103505 | LVRN |
| PSRC1 | -1,175846 | 6,354514 | -6,147841 | 3,40E-06 | 3,70E-05 | 4,0935928 | PSRC1 |
| C8orf49 | 1,1218604 | 3,8235783 | 6,138848 | 3,47E-06 | 3,76E-05 | 4,0725097 | C8orf49 |
| SIAH3 | -1,131163 | 4,2367334 | -6,136992 | 3,48E-06 | 3,77E-05 | 4,0681576 | SIAH3 |
| TMEM158 | -1,611753 | 7,1864249 | -6,136123 | 3,49E-06 | 3,78E-05 | 4,0661205 | TMEM158 |
| MIR99AHG | 1,4909251 | 7,266434 | 6,1328956 | 3,52E-06 | 3,80E-05 | 4,0585509 | MIR99AHG |
| KIF18A | -1,072304 | 4,3052916 | -6,13049 | 3,54E-06 | 3,82E-05 | 4,0529077 | KIF18A |
| SLC7A2 | 1,0057334 | 8,4765952 | 6,13009 | 3,54E-06 | 3,82E-05 | 4,0519702 | SLC7A2 |
| LACC1 | 1,1211353 | 6,2230914 | 6,1247781 | 3,58E-06 | 3,86E-05 | 4,0395088 | LACC1 |
| FAR2P3 | -1,517655 | 6,4911726 | -6,120621 | 3,62E-06 | 3,89E-05 | 4,0297549 | FAR2P3 |
| KPNA5 | 1,0744166 | 7,6902391 | 6,1137739 | 3,68E-06 | 3,94E-05 | 4,0136839 | KPNA5 |
| ATP5G3 | -1,101919 | 10,740026 | -6,102969 | 3,77E-06 | 4,03E-05 | 3,9883144 | ATP5G3 |
| CHI3L1 | 3,2508553 | 6,2761969 | 6,1016473 | 3,78E-06 | 4,04E-05 | 3,9852106 | CHI3L1 |
| PABPC4L | -1,32516 | 7,2771739 | -6,064736 | 4,12E-06 | 4,36E-05 | 3,8984483 | PABPC4L |
| TPSAB1 | 1,0469131 | 7,0273377 | 6,0622356 | 4,15E-06 | 4,38E-05 | 3,8925666 | TPSAB1 |
| CYS1 | 1,3314039 | 6,327085 | 6,0524246 | 4,24E-06 | 4,47E-05 | 3,8694793 | CYS1 |
| UBE2S | -1,217801 | 7,6831802 | -6,038339 | 4,38E-06 | 4,60E-05 | 3,8363155 | UBE2S |
| HMCN1 | 1,8046479 | 7,6395327 | 6,0317874 | 4,45E-06 | 4,66E-05 | 3,8208841 | HMCN1 |
| NAV3 | 1,2235722 | 7,6322806 | 6,0304502 | 4,46E-06 | 4,66E-05 | 3,8177339 | NAV3 |
| TRH | -2,147567 | 7,1357454 | -6,027145 | 4,50E-06 | 4,69E-05 | 3,8099475 | TRH |
| ITGB8 | -1,751724 | 8,5638454 | -6,025046 | 4,52E-06 | 4,71E-05 | 3,8050002 | ITGB8 |
| CPA3 | 1,3329025 | 6,8346527 | 6,0084404 | 4,70E-06 | 4,88E-05 | 3,7658562 | CPA3 |
| PTN | -1,352497 | 8,2146887 | -6,007276 | 4,71E-06 | 4,88E-05 | 3,7631114 | PTN |
| TM4SF1 | 1,2010284 | 9,2596169 | 6,004848 | 4,74E-06 | 4,90E-05 | 3,7573844 | TM4SF1 |
| MCAM | 1,0024967 | 7,8361696 | 6,0007638 | 4,79E-06 | 4,94E-05 | 3,7477511 | MCAM |
| C9orf135 | -1,722344 | 5,4569982 | -6,000287 | 4,79E-06 | 4,94E-05 | 3,7466261 | C9orf135 |
| LOC101928916 | 2,4693136 | 8,4285422 | 5,9812854 | 5,01E-06 | 5,11E-05 | 3,7017848 | LOC101928916 |
| C1orf194 | -1,024985 | 5,8731836 | -5,97893 | 5,04E-06 | 5,13E-05 | 3,6962241 | C1orf194 |
| ANKRD36 | 1,1778368 | 7,3130724 | 5,9699422 | 5,14E-06 | 5,22E-05 | 3,6749992 | ANKRD36 |
| KLRC2 | -1,737145 | 5,6769937 | -5,959134 | 5,27E-06 | 5,33E-05 | 3,649466 | KLRC2 |
| CYBA | -1,059067 | 9,2991875 | -5,957147 | 5,30E-06 | 5,35E-05 | 3,6447694 | CYBA |
| RERGL | 2,163294 | 5,9830832 | 5,9568522 | 5,30E-06 | 5,35E-05 | 3,6440732 | RERGL |
| ITGBL1 | 2,3789134 | 5,4155829 | 5,9555635 | 5,32E-06 | 5,36E-05 | 3,6410278 | ITGBL1 |
| GPAT3 | 1,5901466 | 6,1842705 | 5,9544505 | 5,33E-06 | 5,37E-05 | 3,6383972 | GPAT3 |
| CLSTN2 | 1,2544322 | 7,3895523 | 5,9470595 | 5,43E-06 | 5,46E-05 | 3,6209264 | CLSTN2 |
| LOC729732 | -1,553456 | 7,6786617 | -5,929338 | 5,66E-06 | 5,67E-05 | 3,579014 | LOC729732 |
| KIT | 1,2112977 | 7,1279399 | 5,9283871 | 5,67E-06 | 5,68E-05 | 3,5767648 | KIT |
| AHNAK | 1,0745885 | 9,7903106 | 5,9193977 | 5,79E-06 | 5,78E-05 | 3,5554923 | AHNAK |
| IGHM | 2,1598112 | 7,2065491 | 5,9125408 | 5,88E-06 | 5,86E-05 | 3,5392608 | IGHM |
| OLFML2B | -1,159985 | 7,4429244 | -5,911747 | 5,89E-06 | 5,86E-05 | 3,5373816 | OLFML2B |
| EDN3 | -1,982218 | 6,54453 | -5,910564 | 5,91E-06 | 5,87E-05 | 3,5345803 | EDN3 |
| OCLN | -1,283907 | 6,8730819 | -5,902908 | 6,02E-06 | 5,96E-05 | 3,5164513 | OCLN |
| GJB6 | -1,541271 | 4,7261777 | -5,901816 | 6,03E-06 | 5,98E-05 | 3,5138635 | GJB6 |
| MAMDC2 | 1,6893825 | 6,9190268 | 5,8980924 | 6,09E-06 | 6,02E-05 | 3,5050445 | MAMDC2 |
| LSM4 | -1,031952 | 8,3388671 | -5,888878 | 6,22E-06 | 6,14E-05 | 3,483212 | LSM4 |
| C11orf96 | 1,8927049 | 10,076009 | 5,8748039 | 6,43E-06 | 6,32E-05 | 3,4498513 | C11orf96 |
| IQCG | 1,2565072 | 6,957469 | 5,874025 | 6,44E-06 | 6,33E-05 | 3,4480046 | IQCG |
| PHF21B | -1,051115 | 5,3451585 | -5,870159 | 6,50E-06 | 6,38E-05 | 3,4388367 | PHF21B |
| ENDOG | -1,137675 | 6,9674334 | -5,867498 | 6,54E-06 | 6,41E-05 | 3,432526 | ENDOG |
| TCEA3 | 1,3390816 | 7,2289676 | 5,8663276 | 6,56E-06 | 6,43E-05 | 3,4297502 | TCEA3 |
| PPP4R4 | 1,0437109 | 4,3308647 | 5,8642778 | 6,59E-06 | 6,45E-05 | 3,4248881 | PPP4R4 |
| RSPH1 | -1,665732 | 6,7334072 | -5,861458 | 6,63E-06 | 6,48E-05 | 3,4181983 | RSPH1 |
| C19orf33 | -1,40026 | 6,7527545 | -5,856556 | 6,71E-06 | 6,53E-05 | 3,4065694 | C19orf33 |
| LRRC17 | 1,7553682 | 8,1939121 | 5,8468122 | 6,87E-06 | 6,65E-05 | 3,3834445 | LRRC17 |
| TPSB2 | 1,2695596 | 7,3187875 | 5,8466704 | 6,87E-06 | 6,65E-05 | 3,383108 | TPSB2 |
| DOK7 | -1,467244 | 6,0637016 | -5,845767 | 6,88E-06 | 6,66E-05 | 3,3809646 | DOK7 |
| MYRIP | 1,29451 | 5,5408311 | 5,8451912 | 6,89E-06 | 6,66E-05 | 3,3795968 | MYRIP |
| CLDN1 | 1,3242002 | 6,4348881 | 5,8449014 | 6,90E-06 | 6,66E-05 | 3,3789088 | CLDN1 |
| FBXO5 | -1,086954 | 6,5721375 | -5,816133 | 7,38E-06 | 7,06E-05 | 3,3105783 | FBXO5 |
| UCHL1 | 1,3508952 | 8,1893505 | 5,8154119 | 7,39E-06 | 7,07E-05 | 3,3088652 | UCHL1 |
| COL11A1 | 2,0112255 | 6,3472821 | 5,81487 | 7,40E-06 | 7,07E-05 | 3,3075775 | COL11A1 |
| NFIA | 1,0246877 | 9,2362128 | 5,7932897 | 7,79E-06 | 7,40E-05 | 3,2562686 | NFIA |
| GPM6A | 2,2646508 | 5,6536619 | 5,7877959 | 7,89E-06 | 7,48E-05 | 3,2432 | GPM6A |
| SLC39A8 | -1,043209 | 7,7411856 | -5,772411 | 8,18E-06 | 7,70E-05 | 3,2065874 | SLC39A8 |
| GBP2 | 1,7495348 | 8,3930761 | 5,7554902 | 8,52E-06 | 7,97E-05 | 3,1662969 | GBP2 |
| SMCO4 | 1,0243884 | 6,7190499 | 5,7532683 | 8,56E-06 | 8,00E-05 | 3,1610042 | SMCO4 |
| PMEPA1 | -1,549311 | 8,6764518 | -5,751605 | 8,60E-06 | 8,02E-05 | 3,1570425 | PMEPA1 |
| TNMD | 1,2345361 | 5,04099 | 5,7496858 | 8,63E-06 | 8,05E-05 | 3,1524698 | TNMD |
| C1QA | 1,4347802 | 8,1392772 | 5,7453975 | 8,72E-06 | 8,12E-05 | 3,1422525 | C1QA |
| SLC6A8 | -1,048532 | 7,0371546 | -5,745014 | 8,73E-06 | 8,12E-05 | 3,141338 | SLC6A8 |
| ZNF25 | 1,0598199 | 7,1219346 | 5,7396585 | 8,84E-06 | 8,21E-05 | 3,1285763 | ZNF25 |
| WEE1 | -1,144599 | 8,0366636 | -5,739596 | 8,84E-06 | 8,21E-05 | 3,1284275 | WEE1 |
| MS4A6A | 1,1523097 | 7,576546 | 5,7391153 | 8,85E-06 | 8,21E-05 | 3,1272816 | MS4A6A |
| NUPR1 | 1,1239197 | 8,9148542 | 5,738623 | 8,86E-06 | 8,21E-05 | 3,1261084 | NUPR1 |
| TACC3 | -1,011277 | 6,735698 | -5,714686 | 9,38E-06 | 8,64E-05 | 3,0690321 | TACC3 |
| ERICH3 | -1,132478 | 4,4025155 | -5,708792 | 9,51E-06 | 8,73E-05 | 3,0549713 | ERICH3 |
| CNTNAP2 | 1,0124496 | 6,059636 | 5,7087739 | 9,51E-06 | 8,73E-05 | 3,0549279 | CNTNAP2 |
| PGM5P2 | 1,0744477 | 4,6392038 | 5,7085622 | 9,52E-06 | 8,73E-05 | 3,054423 | PGM5P2 |
| TFPI | 1,6741185 | 7,4545646 | 5,6743926 | 1,03E-05 | 9,36E-05 | 2,9728458 | TFPI |
| CRNDE | -1,097847 | 7,0943508 | -5,673337 | 1,03E-05 | 9,38E-05 | 2,9703245 | CRNDE |
| FAM169A | -1,522353 | 7,3112672 | -5,669455 | 1,04E-05 | 9,46E-05 | 2,9610497 | FAM169A |
| LIMS1 | -1,320034 | 6,7209154 | -5,664225 | 1,06E-05 | 9,56E-05 | 2,948552 | LIMS1 |
| OSR2 | -1,158199 | 9,2541734 | -5,658341 | 1,07E-05 | 9,69E-05 | 2,9344895 | OSR2 |
| ORM2 | -2,34233 | 5,0619064 | -5,65432 | 1,08E-05 | 9,76E-05 | 2,9248779 | ORM2 |
| SLC25A27 | 1,1705933 | 7,0469692 | 5,6499352 | 1,09E-05 | 9,85E-05 | 2,9143958 | SLC25A27 |
| DPP4 | 1,636804 | 6,4753886 | 5,6485185 | 1,10E-05 | 9,88E-05 | 2,9110085 | DPP4 |
| ASL | -1,123596 | 7,2259034 | -5,646918 | 1,10E-05 | 9,91E-05 | 2,9071824 | ASL |
| DEFB1 | -2,382571 | 6,7035968 | -5,634778 | 1,13E-05 | 0,0001015 | 2,878147 | DEFB1 |
| MTHFD2L | -1,057236 | 6,4973 | -5,629321 | 1,15E-05 | 0,0001027 | 2,8650924 | MTHFD2L |
| MEIS1 | -1,036854 | 9,0920493 | -5,622085 | 1,17E-05 | 0,0001043 | 2,8477775 | MEIS1 |
| SYNM | 1,1267067 | 6,3772408 | 5,6051205 | 1,22E-05 | 0,0001081 | 2,8071676 | SYNM |
| SLIT3 | 1,1366039 | 6,8376973 | 5,5962291 | 1,24E-05 | 0,00011 | 2,785874 | SLIT3 |
| IL17RB | -1,337769 | 6,7808875 | -5,592293 | 1,25E-05 | 0,0001108 | 2,7764466 | IL17RB |
| OGN | 1,2274122 | 10,274848 | 5,5918736 | 1,26E-05 | 0,0001108 | 2,775441 | OGN |
| TUBG1 | -1,173593 | 7,29811 | -5,586794 | 1,27E-05 | 0,0001119 | 2,7632716 | TUBG1 |
| CLMN | -1,069124 | 6,7061424 | -5,579022 | 1,29E-05 | 0,0001137 | 2,7446486 | CLMN |
| TRDV3 | -1,870924 | 5,8389024 | -5,574716 | 1,31E-05 | 0,0001147 | 2,7343278 | TRDV3 |
| IL20RA | -1,812657 | 6,1228776 | -5,57397 | 1,31E-05 | 0,0001149 | 2,73254 | IL20RA |
| PLEKHB1 | -1,007565 | 5,5764549 | -5,570745 | 1,32E-05 | 0,0001156 | 2,7248097 | PLEKHB1 |
| EMILIN2 | -1,014666 | 7,6664706 | -5,562422 | 1,35E-05 | 0,0001175 | 2,7048553 | EMILIN2 |
| XAF1 | 1,0983674 | 9,1570347 | 5,5616306 | 1,35E-05 | 0,0001177 | 2,7029566 | XAF1 |
| NLGN4X | 1,4061926 | 8,7488026 | 5,5615122 | 1,35E-05 | 0,0001177 | 2,7026726 | NLGN4X |
| TPM1 | 1,0699807 | 10,585742 | 5,5604193 | 1,35E-05 | 0,0001179 | 2,700052 | TPM1 |
| CACHD1 | 1,0532737 | 7,7897986 | 5,5597084 | 1,36E-05 | 0,000118 | 2,6983473 | CACHD1 |
| SLAIN1 | -1,131432 | 5,1366695 | -5,557212 | 1,36E-05 | 0,0001186 | 2,6923611 | SLAIN1 |
| SLC24A3 | -1,100039 | 7,7068317 | -5,556944 | 1,36E-05 | 0,0001186 | 2,6917167 | SLC24A3 |
| THBS1 | 2,047575 | 10,13553 | 5,5406862 | 1,42E-05 | 0,0001229 | 2,6527172 | THBS1 |
| ABRACL | -1,235866 | 7,6425155 | -5,531281 | 1,45E-05 | 0,0001253 | 2,630147 | ABRACL |
| SBSPON | 1,1200841 | 7,1278361 | 5,529082 | 1,46E-05 | 0,0001259 | 2,624868 | SBSPON |
| HOPX | 1,5746689 | 8,2140154 | 5,5248442 | 1,47E-05 | 0,0001271 | 2,6146948 | HOPX |
| CAPSL | -1,485278 | 5,526934 | -5,522045 | 1,48E-05 | 0,0001279 | 2,6079755 | CAPSL |
| NPNT | 1,4001901 | 6,585257 | 5,5174388 | 1,50E-05 | 0,000129 | 2,5969149 | NPNT |
| TMSB15B | -1,628175 | 7,7718602 | -5,507615 | 1,53E-05 | 0,0001315 | 2,573322 | TMSB15B |
| LOC102725526 | 1,2915992 | 5,7043815 | 5,5009388 | 1,56E-05 | 0,0001332 | 2,5572844 | LOC102725526 |
| LOC100505851 | -1,097045 | 5,4803045 | -5,494988 | 1,58E-05 | 0,0001347 | 2,5429856 | LOC100505851 |
| IGLJ3 | 1,7935097 | 7,6814668 | 5,4911379 | 1,60E-05 | 0,0001357 | 2,5337345 | IGLJ3 |
| GALNT3 | -1,074509 | 6,4877106 | -5,491001 | 1,60E-05 | 0,0001357 | 2,5334054 | GALNT3 |
| DNAH12 | -1,6097 | 5,3404833 | -5,485014 | 1,62E-05 | 0,0001374 | 2,5190158 | DNAH12 |
| DYNLRB2 | -1,093173 | 5,6065072 | -5,478715 | 1,64E-05 | 0,0001391 | 2,5038742 | DYNLRB2 |
| TMEM100 | 1,6175504 | 6,7840473 | 5,4749422 | 1,66E-05 | 0,0001402 | 2,4948042 | TMEM100 |
| MCC | 1,1943249 | 8,5035048 | 5,4683554 | 1,69E-05 | 0,0001421 | 2,4789657 | MCC |
| SUSD5 | 1,2193957 | 5,2729875 | 5,4610733 | 1,72E-05 | 0,0001443 | 2,4614517 | SUSD5 |
| PRAME | -1,080835 | 6,300767 | -5,45813 | 1,73E-05 | 0,0001451 | 2,4543723 | PRAME |
| ZDHHC8P1 | 1,2247966 | 6,7004341 | 5,4528038 | 1,75E-05 | 0,0001464 | 2,4415587 | ZDHHC8P1 |
| MPEG1 | 1,2630429 | 6,6148805 | 5,4458387 | 1,78E-05 | 0,0001484 | 2,4247996 | MPEG1 |
| NEFM | -1,411717 | 5,6206964 | -5,445123 | 1,78E-05 | 0,0001485 | 2,4230766 | NEFM |
| HP | 1,5294802 | 6,4223643 | 5,4426234 | 1,79E-05 | 0,0001492 | 2,4170618 | HP |
| LINC00645 | -1,867645 | 4,7080059 | -5,437525 | 1,81E-05 | 0,0001508 | 2,4047902 | LINC00645 |
| KIAA1661 | -1,061857 | 5,445489 | -5,431314 | 1,84E-05 | 0,0001527 | 2,3898398 | KIAA1661 |
| FAM216B | -1,135525 | 5,0116933 | -5,427397 | 1,86E-05 | 0,0001539 | 2,3804105 | FAM216B |
| CDKN1C | 1,2818896 | 8,7442523 | 5,4244657 | 1,87E-05 | 0,0001549 | 2,3733522 | CDKN1C |
| PITPNM3 | 1,2607264 | 6,5232977 | 5,4174309 | 1,90E-05 | 0,0001571 | 2,3564117 | PITPNM3 |
| KCND2 | 1,5046357 | 5,1411146 | 5,414244 | 1,92E-05 | 0,0001579 | 2,3487361 | KCND2 |
| DES | 1,3148726 | 6,8319419 | 5,4137865 | 1,92E-05 | 0,000158 | 2,3476343 | DES |
| FLJ35700 | 2,1945551 | 6,0704685 | 5,4124088 | 1,93E-05 | 0,0001583 | 2,3443158 | FLJ35700 |
| METTL21A | -1,019158 | 6,3435806 | -5,405003 | 1,96E-05 | 0,0001603 | 2,326476 | METTL21A |
| GRAMD1B | 1,4624187 | 6,3451426 | 5,4022107 | 1,97E-05 | 0,0001611 | 2,3197486 | GRAMD1B |
| FREM1 | -1,319854 | 7,5929308 | -5,397187 | 2,00E-05 | 0,0001627 | 2,3076438 | FREM1 |
| SEMA3C | 1,5175561 | 9,1540126 | 5,3922162 | 2,02E-05 | 0,0001644 | 2,2956649 | SEMA3C |
| HN1 | -1,171817 | 8,0242617 | -5,387962 | 2,04E-05 | 0,0001659 | 2,2854114 | HN1 |
| MGAT4A | 1,0281832 | 7,2395326 | 5,3869008 | 2,05E-05 | 0,0001662 | 2,2828537 | MGAT4A |
| CREB3L4 | -1,25023 | 7,217244 | -5,365029 | 2,16E-05 | 0,0001741 | 2,2301195 | CREB3L4 |
| EVI2A | 1,2461388 | 6,1890509 | 5,3574248 | 2,20E-05 | 0,0001767 | 2,2117777 | EVI2A |
| FH | -1,037342 | 8,6524848 | -5,35687 | 2,20E-05 | 0,0001769 | 2,2104398 | FH |
| LOC106146153 | 1,6110839 | 7,1751131 | 5,3562939 | 2,20E-05 | 0,000177 | 2,2090496 | LOC106146153 |
| RYR3 | 1,079508 | 4,7439091 | 5,3562882 | 2,20E-05 | 0,000177 | 2,2090357 | RYR3 |
| NME1 | -1,296341 | 9,023317 | -5,350987 | 2,23E-05 | 0,0001786 | 2,196246 | NME1 |
| DACT1 | 1,2086856 | 7,7030609 | 5,3502547 | 2,24E-05 | 0,0001788 | 2,1944798 | DACT1 |
| PTPRZ1 | 2,061164 | 4,5566899 | 5,3407667 | 2,29E-05 | 0,0001823 | 2,1715851 | PTPRZ1 |
| CEBPD | 2,070332 | 10,128526 | 5,334055 | 2,33E-05 | 0,0001849 | 2,1553862 | CEBPD |
| CFAP126 | -1,068066 | 5,2460211 | -5,327443 | 2,36E-05 | 0,0001872 | 2,1394249 | CFAP126 |
| ADGRG2 | -1,476727 | 5,5061404 | -5,325325 | 2,38E-05 | 0,0001879 | 2,1343119 | ADGRG2 |
| SLC9A3R1 | -1,312894 | 7,1557164 | -5,32526 | 2,38E-05 | 0,0001879 | 2,1341546 | SLC9A3R1 |
| FAM134B | -1,134337 | 6,471385 | -5,321621 | 2,40E-05 | 0,0001891 | 2,1253702 | FAM134B |
| IGHV3-23 | 1,3289991 | 6,5568095 | 5,3175281 | 2,42E-05 | 0,0001907 | 2,1154864 | IGHV3-23 |
| HHIP | -1,104088 | 5,8914804 | -5,304144 | 2,50E-05 | 0,0001958 | 2,083161 | HHIP |
| MIR100HG | 1,0869753 | 8,7542837 | 5,3023213 | 2,51E-05 | 0,0001965 | 2,0787589 | MIR100HG |
| TSPAN8 | 2,7481319 | 6,9504741 | 5,3009255 | 2,52E-05 | 0,0001969 | 2,075387 | TSPAN8 |
| VCAN | -1,472193 | 10,902723 | -5,299258 | 2,53E-05 | 0,0001976 | 2,0713588 | VCAN |
| ISOC1 | -1,071503 | 8,9886008 | -5,297657 | 2,54E-05 | 0,0001981 | 2,0674901 | ISOC1 |
| LOC100190986 | -1,0882 | 8,0035881 | -5,291854 | 2,57E-05 | 0,0002005 | 2,0534707 | LOC100190986 |
| PARPBP | -1,102674 | 5,2551661 | -5,289992 | 2,59E-05 | 0,0002013 | 2,0489716 | PARPBP |
| ETNPPL | -1,184983 | 4,5417846 | -5,289612 | 2,59E-05 | 0,0002014 | 2,0480533 | ETNPPL |
| MDK | -1,053646 | 9,7445413 | -5,287153 | 2,60E-05 | 0,0002023 | 2,0421114 | MDK |
| MMP7 | -2,441009 | 8,4027177 | -5,283638 | 2,63E-05 | 0,0002036 | 2,0336167 | MMP7 |
| MTCL1 | -1,734765 | 6,8925695 | -5,282214 | 2,63E-05 | 0,0002042 | 2,0301739 | MTCL1 |
| NDRG1 | 1,2528305 | 9,0932178 | 5,2754898 | 2,68E-05 | 0,0002071 | 2,013922 | NDRG1 |
| TMEM119 | -1,395048 | 6,3960232 | -5,272571 | 2,70E-05 | 0,0002082 | 2,0068662 | TMEM119 |
| ADAM28 | -1,179302 | 6,3877919 | -5,265608 | 2,74E-05 | 0,0002113 | 1,9900334 | ADAM28 |
| DHFR | -1,215686 | 7,8534538 | -5,260973 | 2,77E-05 | 0,0002131 | 1,9788261 | DHFR |
| ADAMTS6 | -1,321755 | 6,1192418 | -5,248907 | 2,85E-05 | 0,0002182 | 1,9496462 | ADAMTS6 |
| KCNMB1 | 1,0591318 | 6,5408585 | 5,2482031 | 2,86E-05 | 0,0002184 | 1,9479429 | KCNMB1 |
| DKK3 | 1,1993736 | 9,3832394 | 5,2422982 | 2,90E-05 | 0,000221 | 1,9336592 | DKK3 |
| C10orf10 | 2,5763552 | 8,5461343 | 5,241291 | 2,91E-05 | 0,0002214 | 1,9312228 | C10orf10 |
| KLF3-AS1 | 1,2998037 | 7,2863029 | 5,239068 | 2,92E-05 | 0,0002224 | 1,9258448 | KLF3-AS1 |
| RIN2 | 1,092139 | 8,7485137 | 5,232278 | 2,97E-05 | 0,0002258 | 1,9094167 | RIN2 |
| LINC-PINT | 1,0897067 | 6,6679403 | 5,2292714 | 2,99E-05 | 0,0002271 | 1,9021416 | LINC-PINT |
| HS3ST3B1 | 1,6904779 | 5,2687481 | 5,2267509 | 3,01E-05 | 0,000228 | 1,8960423 | HS3ST3B1 |
| FAM84A | -1,208558 | 6,6258967 | -5,222472 | 3,04E-05 | 0,0002296 | 1,8856873 | FAM84A |
| ASPN | 1,426759 | 7,1522779 | 5,2207832 | 3,05E-05 | 0,0002304 | 1,8816001 | ASPN |
| MICAL2 | 1,085261 | 7,503908 | 5,2126426 | 3,12E-05 | 0,000234 | 1,8618958 | MICAL2 |
| MIR6883 | 1,7295625 | 7,5478954 | 5,2119153 | 3,12E-05 | 0,0002343 | 1,8601353 | MIR6883 |
| PKIB | -1,084679 | 5,0808466 | -5,210639 | 3,13E-05 | 0,0002349 | 1,8570468 | PKIB |
| FAM26F | 1,0704776 | 5,8801959 | 5,1980551 | 3,23E-05 | 0,0002407 | 1,8265787 | FAM26F |
| RARRES1 | 2,4774262 | 7,6713039 | 5,1964251 | 3,24E-05 | 0,0002415 | 1,8226315 | RARRES1 |
| BCL6 | 1,4377886 | 8,2336029 | 5,1893959 | 3,29E-05 | 0,0002448 | 1,8056089 | BCL6 |
| GAS2L3 | -1,299596 | 6,1024278 | -5,186999 | 3,31E-05 | 0,0002457 | 1,7998045 | GAS2L3 |
| ARHGAP29 | 1,0027098 | 7,904243 | 5,176715 | 3,40E-05 | 0,0002508 | 1,774893 | ARHGAP29 |
| KLF4 | 1,4846495 | 9,6850014 | 5,1671372 | 3,48E-05 | 0,0002562 | 1,7516883 | KLF4 |
| HEYL | -1,124823 | 7,1968871 | -5,159106 | 3,55E-05 | 0,000261 | 1,732226 | HEYL |
| PCOLCE2 | 1,3314269 | 5,2438307 | 5,1524575 | 3,60E-05 | 0,0002646 | 1,7161143 | PCOLCE2 |
| LAPTM5 | 1,261808 | 8,8027205 | 5,1507208 | 3,62E-05 | 0,0002651 | 1,7119049 | LAPTM5 |
| CD14 | 1,0101088 | 8,4744504 | 5,1379577 | 3,73E-05 | 0,0002721 | 1,6809658 | CD14 |
| LINC01003 | -1,127893 | 6,7697563 | -5,120352 | 3,89E-05 | 0,0002824 | 1,6382751 | LINC01003 |
| GUSB | -1,199832 | 9,6023793 | -5,100406 | 4,09E-05 | 0,0002935 | 1,5898931 | GUSB |
| VGLL3 | 1,2300399 | 7,6084973 | 5,0961132 | 4,13E-05 | 0,0002962 | 1,5794787 | VGLL3 |
| NRCAM | -1,177814 | 6,4836904 | -5,095568 | 4,13E-05 | 0,0002964 | 1,5781552 | NRCAM |
| TYROBP | 1,3509003 | 8,4022904 | 5,0932148 | 4,16E-05 | 0,0002978 | 1,5724461 | TYROBP |
| RASD1 | -1,858706 | 8,7642615 | -5,077907 | 4,31E-05 | 0,0003074 | 1,5352996 | RASD1 |
| CCDC102B | 1,0731501 | 4,0823619 | 5,0636561 | 4,47E-05 | 0,0003169 | 1,5007067 | CCDC102B |
| EVI2B | 1,3185083 | 5,7905678 | 5,0593241 | 4,51E-05 | 0,0003197 | 1,4901899 | EVI2B |
| NPL | 1,1342571 | 6,5505246 | 5,0540177 | 4,57E-05 | 0,0003228 | 1,4773065 | NPL |
| MGP | 1,145167 | 11,132329 | 5,0530452 | 4,58E-05 | 0,0003235 | 1,4749452 | MGP |
| USP53 | -1,154388 | 7,2438101 | -5,0392 | 4,74E-05 | 0,0003321 | 1,4413238 | USP53 |
| HLA-DPA1 | 1,3351226 | 10,130441 | 5,0362721 | 4,77E-05 | 0,0003343 | 1,4342137 | HLA-DPA1 |
| HTRA4 | 1,3440676 | 5,380982 | 5,0349515 | 4,79E-05 | 0,0003352 | 1,4310066 | HTRA4 |
| GPX3 | 2,8703405 | 9,2045076 | 5,0340904 | 4,80E-05 | 0,0003358 | 1,4289152 | GPX3 |
| OPN3 | -1,069468 | 8,1038485 | -5,025516 | 4,90E-05 | 0,0003412 | 1,4080889 | OPN3 |
| C5AR1 | 1,3317313 | 6,3228571 | 5,0234095 | 4,92E-05 | 0,0003428 | 1,4029714 | C5AR1 |
| LAMP5 | 1,6314486 | 7,6306262 | 5,0228928 | 4,93E-05 | 0,0003431 | 1,4017163 | LAMP5 |
| ADAM12 | -1,886926 | 8,1864475 | -5,018871 | 4,98E-05 | 0,0003458 | 1,3919456 | ADAM12 |
| SPATA18 | -1,389057 | 6,3999339 | -5,016904 | 5,00E-05 | 0,000347 | 1,3871669 | SPATA18 |
| NALCN | 1,5155003 | 5,4703878 | 5,0136041 | 5,04E-05 | 0,0003494 | 1,3791507 | NALCN |
| CLDN4 | -1,206194 | 6,5626737 | -5,009807 | 5,09E-05 | 0,0003518 | 1,3699243 | CLDN4 |
| GPR34 | 1,0313583 | 6,1218752 | 5,0044126 | 5,16E-05 | 0,0003555 | 1,3568182 | GPR34 |
| IFI44L | 1,4809102 | 7,1392457 | 4,9932162 | 5,30E-05 | 0,0003643 | 1,3296104 | IFI44L |
| SNTN | -1,975473 | 4,6464022 | -4,988781 | 5,35E-05 | 0,0003677 | 1,318832 | SNTN |
| FAM81B | -1,385199 | 4,7753707 | -4,987523 | 5,37E-05 | 0,0003687 | 1,3157734 | FAM81B |
| P3H2 | 1,1192588 | 8,2565883 | 4,9841222 | 5,42E-05 | 0,0003713 | 1,3075082 | P3H2 |
| ZBTB16 | 1,4276937 | 6,346909 | 4,9773245 | 5,51E-05 | 0,000376 | 1,2909854 | ZBTB16 |
| NEDD9 | -1,268052 | 7,7670586 | -4,976816 | 5,51E-05 | 0,0003763 | 1,2897495 | NEDD9 |
| RBM47 | -1,089529 | 7,822242 | -4,974572 | 5,54E-05 | 0,0003781 | 1,2842954 | RBM47 |
| ITGB2 | 1,1535078 | 6,9445247 | 4,9712678 | 5,59E-05 | 0,0003808 | 1,2762625 | ITGB2 |
| COL27A1 | -1,018586 | 8,9054484 | -4,957806 | 5,77E-05 | 0,0003916 | 1,2435334 | COL27A1 |
| DNM3OS | 1,1333889 | 7,7394632 | 4,9576259 | 5,78E-05 | 0,0003916 | 1,2430966 | DNM3OS |
| OLFM1 | -1,772915 | 7,6807376 | -4,955892 | 5,80E-05 | 0,0003929 | 1,2388804 | OLFM1 |
| MS4A8 | -1,510549 | 6,507846 | -4,953358 | 5,84E-05 | 0,000395 | 1,2327184 | MS4A8 |
| CD84 | 1,0142635 | 6,4824609 | 4,9502419 | 5,88E-05 | 0,0003976 | 1,2251423 | CD84 |
| MX1 | 1,0064013 | 7,8916567 | 4,9464875 | 5,93E-05 | 0,0004007 | 1,2160128 | MX1 |
| NR4A3 | 2,2651184 | 6,7949015 | 4,927605 | 6,21E-05 | 0,0004166 | 1,1700905 | NR4A3 |
| MTURN | 1,1281112 | 6,8799836 | 4,9260986 | 6,24E-05 | 0,0004177 | 1,1664267 | MTURN |
| NLRP2 | -1,159114 | 5,7639611 | -4,91672 | 6,38E-05 | 0,0004259 | 1,1436139 | NLRP2 |
| CDKN1A | 1,0521351 | 8,8648342 | 4,915459 | 6,40E-05 | 0,000427 | 1,1405461 | CDKN1A |
| CKB | -1,041346 | 8,0689244 | -4,886805 | 6,86E-05 | 0,0004509 | 1,0708314 | CKB |
| HMGCR | -1,547467 | 7,9360746 | -4,886253 | 6,87E-05 | 0,0004513 | 1,0694898 | HMGCR |
| ADAMTS5 | 1,8372105 | 8,0085696 | 4,8808051 | 6,96E-05 | 0,0004566 | 1,0562318 | ADAMTS5 |
| UCP2 | -1,116857 | 8,2103835 | -4,874404 | 7,07E-05 | 0,0004627 | 1,0406545 | UCP2 |
| COL12A1 | 1,156096 | 10,036634 | 4,8643307 | 7,25E-05 | 0,0004728 | 1,0161388 | COL12A1 |
| C1QTNF7 | 1,0041051 | 6,7797791 | 4,864293 | 7,25E-05 | 0,0004728 | 1,0160471 | C1QTNF7 |
| MLIP | 1,3981618 | 6,4528361 | 4,8596166 | 7,33E-05 | 0,0004774 | 1,0046651 | MLIP |
| TGM2 | -1,2784 | 8,1852777 | -4,859355 | 7,33E-05 | 0,0004775 | 1,0040293 | TGM2 |
| CILP2 | 1,053463 | 5,6475213 | 4,8592091 | 7,34E-05 | 0,0004776 | 1,0036733 | CILP2 |
| ARG2 | -1,894387 | 5,7250357 | -4,85673 | 7,38E-05 | 0,00048 | 0,9976401 | ARG2 |
| LOC102724229 | 1,3296638 | 7,1143631 | 4,8489465 | 7,52E-05 | 0,0004876 | 0,9786938 | LOC102724229 |
| CFB | 1,5566702 | 7,3406534 | 4,8300221 | 7,88E-05 | 0,0005071 | 0,9326253 | CFB |
| MCOLN3 | -1,522249 | 6,5142867 | -4,824226 | 7,99E-05 | 0,0005128 | 0,9185131 | MCOLN3 |
| KRT23 | -1,15843 | 5,9530899 | -4,823952 | 8,00E-05 | 0,0005129 | 0,9178482 | KRT23 |
| FZD5 | -1,115976 | 6,748176 | -4,803257 | 8,41E-05 | 0,0005345 | 0,8674595 | FZD5 |
| FGG | 1,0633974 | 4,5981104 | 4,7972058 | 8,53E-05 | 0,0005412 | 0,8527241 | FGG |
| CRYAB | 1,005578 | 8,0362153 | 4,7910187 | 8,66E-05 | 0,0005483 | 0,8376579 | CRYAB |
| LOC284219 | -1,190341 | 6,2210717 | -4,776831 | 8,97E-05 | 0,0005646 | 0,8031064 | LOC284219 |
| FRRS1L | 1,2536182 | 6,4739081 | 4,758252 | 9,38E-05 | 0,0005875 | 0,7578591 | FRRS1L |
| SFRP2 | 2,1095268 | 5,9923096 | 4,7580703 | 9,39E-05 | 0,0005875 | 0,7574167 | SFRP2 |
| KCNMA1 | 1,2557481 | 7,4284486 | 4,7292356 | 0,0001007 | 0,0006233 | 0,6871841 | KCNMA1 |
| LRRC59 | -1,116045 | 8,372119 | -4,725972 | 0,0001015 | 0,0006276 | 0,6792339 | LRRC59 |
| ST6GAL2 | -1,287037 | 6,8567222 | -4,725617 | 0,0001016 | 0,0006279 | 0,6783707 | ST6GAL2 |
| DLL1 | -1,145812 | 6,7636467 | -4,724765 | 0,0001018 | 0,0006287 | 0,6762956 | DLL1 |
| ALDH1A3 | 1,4822793 | 7,1297372 | 4,6983568 | 0,0001086 | 0,000665 | 0,6119658 | ALDH1A3 |
| CRISPLD1 | -1,146263 | 6,918496 | -4,698159 | 0,0001087 | 0,000665 | 0,6114827 | CRISPLD1 |
| LINC00622 | 1,0670273 | 5,4027168 | 4,6907474 | 0,0001106 | 0,000675 | 0,5934293 | LINC00622 |
| HLA-DRA | 1,4821098 | 9,7193235 | 4,6892873 | 0,000111 | 0,0006766 | 0,5898722 | HLA-DRA |
| SNORD114-3 | 1,0528674 | 6,0781221 | 4,6827919 | 0,0001128 | 0,0006853 | 0,5740492 | SNORD114-3 |
| FAM46C | 1,0658709 | 7,404449 | 4,678666 | 0,000114 | 0,0006907 | 0,5639984 | FAM46C |
| CNN1 | 1,7594181 | 8,3986961 | 4,6713064 | 0,000116 | 0,0007012 | 0,5460698 | CNN1 |
| C12orf75 | -1,247104 | 7,1087136 | -4,669212 | 0,0001166 | 0,000704 | 0,5409681 | C12orf75 |
| LOC100505984 | -1,20049 | 5,1911247 | -4,656354 | 0,0001203 | 0,0007227 | 0,5096456 | LOC100505984 |
| SLC34A2 | -1,638772 | 6,9494139 | -4,651201 | 0,0001219 | 0,0007298 | 0,4970914 | SLC34A2 |
| SOCS3 | 1,9390957 | 8,4806916 | 4,6468423 | 0,0001232 | 0,0007356 | 0,4864735 | SOCS3 |
| PTX3 | 1,7542325 | 4,9737745 | 4,6424679 | 0,0001245 | 0,0007419 | 0,4758173 | PTX3 |
| CBLN4 | -1,684684 | 6,01767 | -4,625034 | 0,0001299 | 0,0007675 | 0,4333477 | CBLN4 |
| JUNB | 1,3924212 | 9,5468024 | 4,6196065 | 0,0001316 | 0,0007764 | 0,4201265 | JUNB |
| CXCL2 | 2,0307648 | 7,3019838 | 4,5908009 | 0,0001412 | 0,0008233 | 0,3499592 | CXCL2 |
| LOC100509457 | 1,5405147 | 7,8554168 | 4,5816752 | 0,0001444 | 0,0008394 | 0,3277314 | LOC100509457 |
| CCNA1 | -1,293352 | 6,19485 | -4,556764 | 0,0001535 | 0,000881 | 0,2670575 | CCNA1 |
| RUNX2 | 1,5089225 | 7,0166165 | 4,5563768 | 0,0001537 | 0,0008816 | 0,2661153 | RUNX2 |
| ANXA3 | -1,327788 | 6,6915678 | -4,551459 | 0,0001555 | 0,0008909 | 0,2541381 | ANXA3 |
| GPNMB | 1,649992 | 9,2858232 | 4,5409598 | 0,0001596 | 0,000909 | 0,2285698 | GPNMB |
| ENPP3 | -1,590521 | 6,8702514 | -4,492587 | 0,0001796 | 0,0010043 | 0,1107915 | ENPP3 |
| THBD | 1,4429778 | 6,7873809 | 4,4874522 | 0,0001819 | 0,0010159 | 0,0982904 | THBD |
| C7orf57 | -1,325398 | 4,0619359 | -4,482665 | 0,000184 | 0,0010258 | 0,0866368 | C7orf57 |
| SLC47A1 | -1,998315 | 7,9078504 | -4,479785 | 0,0001853 | 0,0010315 | 0,0796282 | SLC47A1 |
| APOE | 1,1759177 | 8,5933361 | 4,4651766 | 0,0001921 | 0,0010625 | 0,044071 | APOE |
| MUM1L1 | 1,6875142 | 8,6306365 | 4,4590527 | 0,000195 | 0,0010761 | 0,0291672 | MUM1L1 |
| C1QC | 1,0564216 | 8,1438921 | 4,4381825 | 0,0002052 | 0,0011259 | -0,021618 | C1QC |
| TNFAIP3 | 1,2144126 | 8,7100902 | 4,4376065 | 0,0002055 | 0,0011272 | -0,023019 | TNFAIP3 |
| AURKA | -1,136776 | 6,0261745 | -4,432906 | 0,0002078 | 0,0011379 | -0,034455 | AURKA |
| SERPINA5 | -1,444584 | 8,4026966 | -4,432629 | 0,000208 | 0,0011381 | -0,035129 | SERPINA5 |
| SLC46A2 | -1,250658 | 6,1049132 | -4,418827 | 0,0002151 | 0,001169 | -0,068707 | SLC46A2 |
| G0S2 | 1,8594951 | 7,9860856 | 4,4180049 | 0,0002156 | 0,0011711 | -0,070706 | G0S2 |
| MAOB | 1,1030817 | 9,2267684 | 4,4122456 | 0,0002186 | 0,001185 | -0,084715 | MAOB |
| SULF1 | 1,3127264 | 8,1384323 | 4,4085585 | 0,0002206 | 0,0011925 | -0,093683 | SULF1 |
| IGSF6 | 1,3471098 | 5,8194481 | 4,4026 | 0,0002238 | 0,0012082 | -0,108175 | IGSF6 |
| SLC15A2 | -1,796181 | 6,109706 | -4,3941 | 0,0002286 | 0,0012297 | -0,128845 | SLC15A2 |
| FNDC1 | 1,5788444 | 7,2515276 | 4,3929272 | 0,0002292 | 0,0012329 | -0,131698 | FNDC1 |
| ADAMTS1 | 1,6799545 | 9,215483 | 4,3886223 | 0,0002316 | 0,0012438 | -0,142166 | ADAMTS1 |
| HPR | 1,3169784 | 5,4787436 | 4,3831049 | 0,0002348 | 0,0012592 | -0,155581 | HPR |
| FYB | 1,1811536 | 6,2571872 | 4,3829507 | 0,0002349 | 0,0012593 | -0,155957 | FYB |
| ITGA8 | 1,2914803 | 6,8239498 | 4,3552919 | 0,0002513 | 0,0013341 | -0,223192 | ITGA8 |
| CCL11 | 1,1038638 | 5,2731117 | 4,3104909 | 0,0002805 | 0,0014669 | -0,332034 | CCL11 |
| C1QB | 1,2050214 | 7,2590537 | 4,3036753 | 0,0002852 | 0,001488 | -0,348585 | C1QB |
| CACNA2D1 | 1,3102869 | 7,2961698 | 4,2823376 | 0,0003005 | 0,0015544 | -0,400386 | CACNA2D1 |
| SLPI | -2,447477 | 8,827161 | -4,275655 | 0,0003054 | 0,0015762 | -0,416605 | SLPI |
| CBLN1 | -1,216913 | 5,4312572 | -4,272857 | 0,0003075 | 0,0015844 | -0,423397 | CBLN1 |
| FBN2 | -1,276253 | 6,6931815 | -4,262065 | 0,0003158 | 0,0016196 | -0,449583 | FBN2 |
| IGKV1OR2-108 | 1,602706 | 7,2055787 | 4,261943 | 0,0003159 | 0,0016197 | -0,449878 | IGKV1OR2-108 |
| SCARB1 | 1,5746449 | 8,3256094 | 4,2547255 | 0,0003215 | 0,0016439 | -0,467387 | SCARB1 |
| TFPI2 | -1,459187 | 8,5057327 | -4,251261 | 0,0003242 | 0,0016556 | -0,475791 | TFPI2 |
| CNTN1 | 1,1743139 | 7,5233756 | 4,2502541 | 0,000325 | 0,0016589 | -0,478233 | CNTN1 |
| FHOD3 | 1,1512777 | 6,5560755 | 4,2377714 | 0,0003351 | 0,0017016 | -0,508507 | FHOD3 |
| PTGER4 | 1,1840671 | 5,9912671 | 4,2317656 | 0,0003401 | 0,0017227 | -0,523069 | PTGER4 |
| PENK | -2,166923 | 7,0433078 | -4,223577 | 0,000347 | 0,0017527 | -0,542922 | PENK |
| ANK2 | 1,6128138 | 8,7820861 | 4,213004 | 0,0003561 | 0,001792 | -0,568548 | ANK2 |
| ENPEP | -1,012051 | 6,7206711 | -4,198677 | 0,0003688 | 0,0018419 | -0,603263 | ENPEP |
| NR4A2 | 2,0299435 | 8,6383519 | 4,197499 | 0,0003698 | 0,0018463 | -0,606116 | NR4A2 |
| MEST | -1,203972 | 9,1348658 | -4,191597 | 0,0003752 | 0,0018698 | -0,620412 | MEST |
| SRGN | 1,0771671 | 9,6039018 | 4,1901621 | 0,0003765 | 0,0018755 | -0,623889 | SRGN |
| ZCCHC12 | -1,184756 | 6,5191008 | -4,174007 | 0,0003917 | 0,0019391 | -0,663009 | ZCCHC12 |
| CCL21 | 1,5369777 | 7,0004957 | 4,1715261 | 0,0003941 | 0,0019465 | -0,669016 | CCL21 |
| SGPP2 | -1,239785 | 6,1942646 | -4,164948 | 0,0004005 | 0,0019727 | -0,684939 | SGPP2 |
| IFIT1 | 1,1337507 | 7,6983676 | 4,1605582 | 0,0004048 | 0,0019882 | -0,695564 | IFIT1 |
| FST | 1,1498102 | 7,2019564 | 4,1595601 | 0,0004058 | 0,0019921 | -0,69798 | FST |
| KCCAT333 | -1,96614 | 5,5116276 | -4,11115 | 0,0004568 | 0,0022042 | -0,815056 | KCCAT333 |
| CFD | 1,8802287 | 7,5630648 | 4,0926988 | 0,0004779 | 0,0022917 | -0,859634 | CFD |
| VEGFA | -1,325262 | 8,6398615 | -4,070201 | 0,0005049 | 0,0023959 | -0,913952 | VEGFA |
| CFAP43 | -1,065936 | 5,9773875 | -4,068215 | 0,0005074 | 0,0024048 | -0,918746 | CFAP43 |
| SRD5A3 | -1,271605 | 7,3290873 | -4,060573 | 0,0005169 | 0,0024423 | -0,937187 | SRD5A3 |
| CYP11A1 | 1,869553 | 6,4442781 | 4,0482514 | 0,0005327 | 0,0025044 | -0,966909 | CYP11A1 |
| HLA-DPB1 | 1,01934 | 8,8037924 | 4,0470515 | 0,0005343 | 0,0025096 | -0,969802 | HLA-DPB1 |
| ROBO2 | 1,1352263 | 5,159133 | 4,0407825 | 0,0005425 | 0,0025407 | -0,984919 | ROBO2 |
| CDC20B | -2,044681 | 5,4020392 | -4,035315 | 0,0005498 | 0,0025649 | -0,9981 | CDC20B |
| NFKBIZ | 1,3673668 | 8,8047527 | 3,9863389 | 0,0006197 | 0,002839 | -1,116053 | NFKBIZ |
| TIMP3 | 1,1215935 | 8,8088939 | 3,9831995 | 0,0006245 | 0,0028554 | -1,123607 | TIMP3 |
| ACP5 | 1,0237562 | 7,5027857 | 3,9775878 | 0,0006331 | 0,0028875 | -1,137106 | ACP5 |
| OLFM4 | -2,861202 | 5,5673496 | -3,960866 | 0,0006594 | 0,0029822 | -1,177314 | OLFM4 |
| LYZ | 1,6947826 | 9,1774686 | 3,9442251 | 0,0006868 | 0,0030871 | -1,217299 | LYZ |
| WFDC1 | -1,304671 | 7,8005723 | -3,942564 | 0,0006896 | 0,0030964 | -1,221289 | WFDC1 |
| COMP | 1,7055227 | 6,0103581 | 3,9362337 | 0,0007003 | 0,003136 | -1,236491 | COMP |
| FJX1 | -1,181557 | 7,9055675 | -3,920017 | 0,0007285 | 0,0032407 | -1,275415 | FJX1 |
| STEAP4 | 1,2891123 | 6,871835 | 3,919528 | 0,0007294 | 0,0032432 | -1,276589 | STEAP4 |
| IGFBP6 | 1,0761253 | 8,4108345 | 3,903688 | 0,0007581 | 0,003347 | -1,314582 | IGFBP6 |
| KCNG1 | -1,251612 | 5,528211 | -3,896175 | 0,0007721 | 0,003397 | -1,332594 | KCNG1 |
| LINC01207 | -1,063248 | 4,4523562 | -3,895572 | 0,0007732 | 0,0034006 | -1,334038 | LINC01207 |
| MIR22 | 1,1349948 | 7,4490821 | 3,8821437 | 0,000799 | 0,0034904 | -1,366214 | MIR22 |
| KRT18 | -1,013962 | 9,6271516 | -3,880565 | 0,000802 | 0,0035018 | -1,369994 | KRT18 |
| HPGD | -1,14855 | 6,3878167 | -3,873309 | 0,0008163 | 0,0035571 | -1,38737 | HPGD |
| PRUNE2 | 1,02034 | 6,4181307 | 3,8527518 | 0,0008582 | 0,0037084 | -1,436567 | PRUNE2 |
| RAPGEF4 | 1,0614961 | 5,0138788 | 3,8209037 | 0,0009274 | 0,0039616 | -1,512684 | RAPGEF4 |
| CLIC6 | 1,0419733 | 6,7570791 | 3,8199673 | 0,0009295 | 0,0039675 | -1,51492 | CLIC6 |
| IGFBP3 | 1,3395465 | 10,397829 | 3,8192616 | 0,0009311 | 0,0039727 | -1,516605 | IGFBP3 |
| SLC12A8 | 1,0958634 | 6,3746033 | 3,8124518 | 0,0009466 | 0,0040217 | -1,532863 | SLC12A8 |
| CD55 | 1,4866682 | 8,9671909 | 3,7887571 | 0,0010028 | 0,0042206 | -1,589386 | CD55 |
| ELL2 | 1,2463857 | 6,8711888 | 3,7886759 | 0,0010029 | 0,0042206 | -1,58958 | ELL2 |
| NAMPT | 1,5188809 | 9,0258732 | 3,751413 | 0,0010979 | 0,0045594 | -1,678321 | NAMPT |
| FOSL2 | 1,1145242 | 8,6549805 | 3,7287865 | 0,0011599 | 0,0047766 | -1,732113 | FOSL2 |
| PLXNC1 | 1,3205138 | 7,5496589 | 3,6765537 | 0,0013164 | 0,0053262 | -1,856011 | PLXNC1 |
| SERPINE1 | 1,7059748 | 7,2850846 | 3,6695443 | 0,0013389 | 0,0054023 | -1,872606 | SERPINE1 |
| APOC1 | 1,4543222 | 7,6373668 | 3,6654781 | 0,0013521 | 0,0054456 | -1,88223 | APOC1 |
| PKHD1L1 | -1,877742 | 5,9291658 | -3,647508 | 0,0014122 | 0,0056489 | -1,924731 | PKHD1L1 |
| LOC101928419 | 1,179503 | 6,214809 | 3,6456631 | 0,0014185 | 0,0056689 | -1,929091 | LOC101928419 |
| TMC5 | -1,170416 | 5,6607827 | -3,617667 | 0,0015178 | 0,006005 | -1,995193 | TMC5 |
| INHA | 1,2606449 | 5,8937588 | 3,583481 | 0,0016484 | 0,0064314 | -2,075737 | INHA |
| CEMIP | 1,454598 | 6,4018579 | 3,5523278 | 0,0017769 | 0,0068372 | -2,148962 | CEMIP |
| RNA45S5 | -1,059822 | 7,4298481 | -3,523134 | 0,0019062 | 0,0072608 | -2,217424 | RNA45S5 |
| CHIT1 | 1,0372646 | 5,6082618 | 3,5111034 | 0,0019622 | 0,0074402 | -2,245593 | CHIT1 |
| PCSK5 | -1,246853 | 9,0256179 | -3,484745 | 0,0020904 | 0,0078548 | -2,307214 | PCSK5 |
| GABARAPL3 | 1,1287498 | 8,5195176 | 3,4551079 | 0,0022445 | 0,008357 | -2,376339 | GABARAPL3 |
| SLC1A1 | -1,424007 | 6,297064 | -3,447048 | 0,0022882 | 0,008488 | -2,395107 | SLC1A1 |
| PAGE4 | -1,386152 | 7,0196584 | -3,438012 | 0,0023383 | 0,0086399 | -2,416134 | PAGE4 |
| KIF18B | -1,085072 | 5,5655411 | -3,40273 | 0,0025443 | 0,0092795 | -2,498076 | KIF18B |
| NR4A1 | 1,1921988 | 9,5983975 | 3,3475606 | 0,0029023 | 0,010356 | -2,625679 | NR4A1 |
| SOX9 | -1,351108 | 5,3763099 | -3,340661 | 0,0029504 | 0,0105001 | -2,641589 | SOX9 |
| PORCN | -1,160314 | 6,9479858 | -3,317369 | 0,0031185 | 0,0110006 | -2,695226 | PORCN |
| HSD17B2 | -1,426407 | 5,0508382 | -3,240315 | 0,0037439 | 0,012851 | -2,871757 | HSD17B2 |
| PDZK1 | -1,118776 | 5,1883692 | -3,210198 | 0,0040201 | 0,0136419 | -2,940363 | PDZK1 |
| HSPA1L | 1,1564704 | 11,049427 | 3,1594774 | 0,0045304 | 0,0150742 | -3,055375 | HSPA1L |
| MGST1 | -1,577501 | 8,7888923 | -3,15888 | 0,0045368 | 0,0150915 | -3,056726 | MGST1 |
| AQP4 | 1,0135497 | 4,0033537 | 3,1465257 | 0,0046704 | 0,0154441 | -3,084635 | AQP4 |
| CRISP3 | -1,743278 | 4,8041767 | -3,137889 | 0,0047661 | 0,015708 | -3,104121 | CRISP3 |
| ADM | 1,6363846 | 8,0098543 | 3,1300101 | 0,0048551 | 0,015936 | -3,121881 | ADM |
| IGFBP1 | 1,6511328 | 5,0509056 | 3,0045299 | 0,0065071 | 0,0203805 | -3,402329 | IGFBP1 |
| SOD2 | 1,0390607 | 6,8115246 | 2,9735246 | 0,006992 | 0,0216651 | -3,470901 | SOD2 |
| CXCL8 | 1,4068494 | 6,6476056 | 2,9423379 | 0,0075145 | 0,0230251 | -3,539568 | CXCL8 |
| PAPLN | -1,00243 | 7,6292248 | -2,921905 | 0,0078769 | 0,0239903 | -3,584387 | PAPLN |
| EPYC | 1,0999859 | 4,490197 | 2,8801079 | 0,008671 | 0,0259653 | -3,675637 | EPYC |
| MIR675 | -1,488774 | 8,9366287 | -2,874409 | 0,008785 | 0,0262417 | -3,688034 | MIR675 |
| FOSB | 1,3862882 | 9,1864823 | 2,852611 | 0,0092345 | 0,02737 | -3,735344 | FOSB |
| SFRP4 | -1,202924 | 11,736209 | -2,838384 | 0,0095396 | 0,0281248 | -3,766134 | SFRP4 |
| FAM150B | 1,007567 | 7,855911 | 2,8373035 | 0,0095631 | 0,0281828 | -3,768469 | FAM150B |
| GEM | 1,1632982 | 7,7838978 | 2,7381445 | 0,0119771 | 0,0340645 | -3,981002 | GEM |
| PAEP | -2,131369 | 7,1470815 | -2,731294 | 0,0121636 | 0,0344913 | -3,99555 | PAEP |
| DUSP2 | -1,009483 | 7,4887095 | -2,622884 | 0,0155065 | 0,0421991 | -4,223324 | DUSP2 |
| TCN1 | -1,056053 | 5,3130226 | -2,57803 | 0,017128 | 0,0459394 | -4,316162 | TCN1 |
| GZMA | -1,098326 | 7,1432771 | -2,562283 | 0,0177341 | 0,0473083 | -4,348554 | GZMA |
| LGR5 | -1,293584 | 5,8332412 | -2,552242 | 0,0181309 | 0,0481838 | -4,369149 | LGR5 |
| HIST1H2BJ | -1,141006 | 6,3629398 | -2,544453 | 0,0184445 | 0,0488618 | -4,385098 | HIST1H2BJ |
| SIK1 | 1,1846389 | 8,1064868 | 2,4941638 | 0,020594 | 0,0536159 | -4,487419 | SIK1 |
| SLC3A1 | -1,036439 | 4,926449 | -2,4359 | 0,0233753 | 0,0596154 | -4,60453 | SLC3A1 |
| NPTX2 | 1,0156201 | 6,5997468 | 2,3993515 | 0,0252938 | 0,0636353 | -4,677182 | NPTX2 |
| SLC2A3 | 1,040836 | 7,8004179 | 2,3702746 | 0,026923 | 0,0669749 | -4,734522 | SLC2A3 |
| PAQR5 | -1,183417 | 5,3979115 | -2,240154 | 0,0354648 | 0,0836057 | -4,985927 | PAQR5 |
| OVGP1 | -1,157983 | 7,843713 | -2,167707 | 0,0412295 | 0,0942637 | -5,122042 | OVGP1 |
| AREG | 1,3334364 | 5,5902124 | 2,1429442 | 0,0433867 | 0,0982865 | -5,167905 | AREG |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Table 5**. GO（MF） | | | | | | | | |
| ID | Description | GeneRatio | BgRatio | pvalue | p.adjust | qvalue | geneID | Count |
| GO:0035173 | histone kinase activity | 2/17 | 16/18337 | 9,63387088794967E-05 | 0,006551032 | 0,004157776 | CDK1,AURKA | 2 |
| GO:0004712 | protein serine/threonine/tyrosine kinase activity | 2/17 | 44/18337 | 0,000747966 | 0,025430833 | 0,016140312 | AURKA,PBK | 2 |
| GO:0008017 | microtubule binding | 3/17 | 269/18337 | 0,001822946 | 0,041320109 | 0,026224837 | KIF11,PRC1,DLGAP5 | 3 |
| GO:0015631 | tubulin binding | 3/17 | 368/18337 | 0,004422923 | 0,075189697 | 0,047721015 | KIF11,PRC1,DLGAP5 | 3 |
| GO:0004674 | protein serine/threonine kinase activity | 3/17 | 430/18337 | 0,00681769 | 0,092720579 | 0,058847426 | CDK1,AURKA,PBK | 3 |
| GO:0004126 | cytidine deaminase activity | 1/17 | 12/18337 | 0,011071801 | 0,093864574 | 0,059573491 | APOBEC3B | 1 |
| GO:0008353 | RNA polymerase II CTD heptapeptide repeat kinase activity | 1/17 | 12/18337 | 0,011071801 | 0,093864574 | 0,059573491 | CDK1 | 1 |
| GO:0043274 | phospholipase binding | 1/17 | 15/18337 | 0,013821668 | 0,093864574 | 0,059573491 | LMNB1 | 1 |
| GO:0008574 | ATP-dependent microtubule motor activity, plus-end-directed | 1/17 | 17/18337 | 0,015650912 | 0,093864574 | 0,059573491 | KIF11 | 1 |
| GO:0000979 | RNA polymerase II core promoter sequence-specific DNA binding | 1/17 | 18/18337 | 0,016564337 | 0,093864574 | 0,059573491 | EZH2 | 1 |
| GO:0001226 | RNA polymerase II transcription corepressor binding | 1/17 | 18/18337 | 0,016564337 | 0,093864574 | 0,059573491 | EZH2 | 1 |
| GO:0004708 | MAP kinase kinase activity | 1/17 | 18/18337 | 0,016564337 | 0,093864574 | 0,059573491 | PBK | 1 |
| GO:0001224 | RNA polymerase II transcription coregulator binding | 1/17 | 24/18337 | 0,022028152 | 0,103300453 | 0,065562207 | EZH2 | 1 |
| GO:0004693 | cyclin-dependent protein serine/threonine kinase activity | 1/17 | 29/18337 | 0,026559494 | 0,103300453 | 0,065562207 | CDK1 | 1 |
| GO:0097472 | cyclin-dependent protein kinase activity | 1/17 | 29/18337 | 0,026559494 | 0,103300453 | 0,065562207 | CDK1 | 1 |
| GO:0001222 | transcription corepressor binding | 1/17 | 30/18337 | 0,027463388 | 0,103300453 | 0,065562207 | EZH2 | 1 |
| GO:0030332 | cyclin binding | 1/17 | 30/18337 | 0,027463388 | 0,103300453 | 0,065562207 | CDK1 | 1 |
| GO:0019239 | deaminase activity | 1/17 | 32/18337 | 0,029268806 | 0,103300453 | 0,065562207 | APOBEC3B | 1 |
| GO:0016814 | hydrolase activity, acting on carbon-nitrogen (but not peptide) bonds, in cyclic amidines | 1/17 | 35/18337 | 0,03197102 | 0,103300453 | 0,065562207 | APOBEC3B | 1 |
| GO:1990939 | ATP-dependent microtubule motor activity | 1/17 | 35/18337 | 0,03197102 | 0,103300453 | 0,065562207 | KIF11 | 1 |
| GO:0044389 | ubiquitin-like protein ligase binding | 2/17 | 312/18337 | 0,033166743 | 0,103300453 | 0,065562207 | AURKA,CCNB1 | 2 |
| GO:0019894 | kinesin binding | 1/17 | 39/18337 | 0,03556296 | 0,103300453 | 0,065562207 | PRC1 | 1 |
| GO:0043539 | protein serine/threonine kinase activator activity | 1/17 | 39/18337 | 0,03556296 | 0,103300453 | 0,065562207 | CCNB1 | 1 |
| GO:0001046 | core promoter sequence-specific DNA binding | 1/17 | 40/18337 | 0,036458983 | 0,103300453 | 0,065562207 | EZH2 | 1 |
| GO:0018024 | histone-lysine N-methyltransferase activity | 1/17 | 43/18337 | 0,039142354 | 0,106467203 | 0,067572064 | EZH2 | 1 |
| GO:0016538 | cyclin-dependent protein serine/threonine kinase regulator activity | 1/17 | 50/18337 | 0,045376225 | 0,118676281 | 0,07532086 | CCNB1 | 1 |
| GO:0042054 | histone methyltransferase activity | 1/17 | 53/18337 | 0,048036215 | 0,120854549 | 0,076703352 | EZH2 | 1 |
| GO:1990841 | promoter-specific chromatin binding | 1/17 | 58/18337 | 0,052454034 | 0,120854549 | 0,076703352 | EZH2 | 1 |
| GO:0016279 | protein-lysine N-methyltransferase activity | 1/17 | 60/18337 | 0,054215753 | 0,120854549 | 0,076703352 | EZH2 | 1 |
| GO:0001221 | transcription coregulator binding | 1/17 | 61/18337 | 0,055095456 | 0,120854549 | 0,076703352 | EZH2 | 1 |
| GO:0016278 | lysine N-methyltransferase activity | 1/17 | 61/18337 | 0,055095456 | 0,120854549 | 0,076703352 | EZH2 | 1 |
| GO:0003777 | microtubule motor activity | 1/17 | 69/18337 | 0,062105408 | 0,126719757 | 0,080425852 | KIF11 | 1 |
| GO:0001228 | DNA-binding transcription activator activity, RNA polymerase II-specific | 2/17 | 443/18337 | 0,062363801 | 0,126719757 | 0,080425852 | JUNB,FOSB | 2 |
| GO:0001216 | DNA-binding transcription activator activity | 2/17 | 447/18337 | 0,063359878 | 0,126719757 | 0,080425852 | JUNB,FOSB | 2 |
| GO:0001618 | virus receptor activity | 1/17 | 76/18337 | 0,068198937 | 0,130458742 | 0,082798892 | CDK1 | 1 |
| GO:0140272 | exogenous protein binding | 1/17 | 77/18337 | 0,069066393 | 0,130458742 | 0,082798892 | CDK1 | 1 |
| GO:0030295 | protein kinase activator activity | 1/17 | 84/18337 | 0,075117339 | 0,135961941 | 0,086291634 | CCNB1 | 1 |
| GO:0008276 | protein methyltransferase activity | 1/17 | 85/18337 | 0,075978732 | 0,135961941 | 0,086291634 | EZH2 | 1 |
| GO:0019209 | kinase activator activity | 1/17 | 90/18337 | 0,080274382 | 0,139965589 | 0,08883265 | CCNB1 | 1 |
| GO:0008170 | N-methyltransferase activity | 1/17 | 98/18337 | 0,08710835 | 0,148084195 | 0,093985325 | EZH2 | 1 |
| GO:0031490 | chromatin DNA binding | 1/17 | 103/18337 | 0,09135528 | 0,151516074 | 0,096163453 | EZH2 | 1 |
| GO:0016810 | hydrolase activity, acting on carbon-nitrogen (but not peptide) bonds | 1/17 | 117/18337 | 0,103147974 | 0,167001481 | 0,105991652 | APOBEC3B | 1 |
| GO:0003774 | motor activity | 1/17 | 129/18337 | 0,113141197 | 0,178920962 | 0,113556648 | KIF11 | 1 |
| GO:0043021 | ribonucleoprotein complex binding | 1/17 | 134/18337 | 0,117274029 | 0,181241682 | 0,11502955 | EZH2 | 1 |
| GO:0008757 | S-adenosylmethionine-dependent methyltransferase activity | 1/17 | 158/18337 | 0,136860549 | 0,206811496 | 0,13125807 | EZH2 | 1 |
| GO:0003714 | transcription corepressor activity | 1/17 | 182/18337 | 0,156037498 | 0,22998194 | 0,14596377 | EZH2 | 1 |
| GO:0019887 | protein kinase regulator activity | 1/17 | 190/18337 | 0,162340193 | 0,22998194 | 0,14596377 | CCNB1 | 1 |
| GO:0031267 | small GTPase binding | 1/17 | 190/18337 | 0,162340193 | 0,22998194 | 0,14596377 | ECT2 | 1 |
| GO:0005085 | guanyl-nucleotide exchange factor activity | 1/17 | 197/18337 | 0,167818685 | 0,232891237 | 0,147810228 | ECT2 | 1 |
| GO:0008168 | methyltransferase activity | 1/17 | 215/18337 | 0,181751796 | 0,243976397 | 0,154845701 | EZH2 | 1 |
| GO:0019207 | kinase regulator activity | 1/17 | 220/18337 | 0,185582961 | 0,243976397 | 0,154845701 | CCNB1 | 1 |
| GO:0051020 | GTPase binding | 1/17 | 222/18337 | 0,187110695 | 0,243976397 | 0,154845701 | ECT2 | 1 |
| GO:0016741 | transferase activity, transferring one-carbon groups | 1/17 | 226/18337 | 0,190158074 | 0,243976397 | 0,154845701 | EZH2 | 1 |
| GO:0106311 | protein threonine kinase activity | 1/17 | 248/18337 | 0,206727376 | 0,256511938 | 0,162801695 | AURKA | 1 |
| GO:0106310 | protein serine kinase activity | 1/17 | 249/18337 | 0,207472891 | 0,256511938 | 0,162801695 | AURKA | 1 |
| GO:0005096 | GTPase activator activity | 1/17 | 276/18337 | 0,227354325 | 0,276073109 | 0,175216679 | ECT2 | 1 |
| GO:0031625 | ubiquitin protein ligase binding | 1/17 | 293/18337 | 0,239630421 | 0,285874888 | 0,181437622 | AURKA | 1 |
| GO:0046982 | protein heterodimerization activity | 1/17 | 324/18337 | 0,261545032 | 0,306639003 | 0,194616085 | AURKA | 1 |
| GO:0005525 | GTP binding | 1/17 | 376/18337 | 0,296975592 | 0,325854347 | 0,206811582 | SPAG1 | 1 |
| GO:0032550 | purine ribonucleoside binding | 1/17 | 381/18337 | 0,300296715 | 0,325854347 | 0,206811582 | SPAG1 | 1 |
| GO:0001883 | purine nucleoside binding | 1/17 | 384/18337 | 0,302282296 | 0,325854347 | 0,206811582 | SPAG1 | 1 |
| GO:0032549 | ribonucleoside binding | 1/17 | 384/18337 | 0,302282296 | 0,325854347 | 0,206811582 | SPAG1 | 1 |
| GO:0001882 | nucleoside binding | 1/17 | 390/18337 | 0,306237557 | 0,325854347 | 0,206811582 | SPAG1 | 1 |
| GO:0019001 | guanyl nucleotide binding | 1/17 | 398/18337 | 0,31147842 | 0,325854347 | 0,206811582 | SPAG1 | 1 |
| GO:0032561 | guanyl ribonucleotide binding | 1/17 | 398/18337 | 0,31147842 | 0,325854347 | 0,206811582 | SPAG1 | 1 |
| GO:0030695 | GTPase regulator activity | 1/17 | 467/18337 | 0,355159478 | 0,36309157 | 0,230445114 | ECT2 | 1 |
| GO:0016887 | ATPase activity | 1/17 | 478/18337 | 0,361877255 | 0,36309157 | 0,230445114 | KIF11 | 1 |
| GO:0003712 | transcription coregulator activity | 1/17 | 480/18337 | 0,36309157 | 0,36309157 | 0,230445114 | EZH2 | 1 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Table S6.** KEGG | | | | | | | | |
| ID | Description | GeneRatio | BgRatio | pvalue | p.adjust | qvalue | geneID | Count |
| hsa04115 | p53 signaling pathway | 3/9 | 73/8142 | 5,58870506336788E-05 | 0,001397176 | 0,001058913 | 983/891/6241 | 3 |
| hsa04914 | Progesterone-mediated oocyte maturation | 3/9 | 102/8142 | 0,000151816 | 0,001897701 | 0,001438258 | 983/6790/891 | 3 |
| hsa04114 | Oocyte meiosis | 3/9 | 131/8142 | 0,000318557 | 0,002654641 | 0,002011938 | 983/6790/891 | 3 |
| hsa05170 | Human immunodeficiency virus 1 infection | 3/9 | 212/8142 | 0,001301863 | 0,008136645 | 0,00616672 | 983/891/9582 | 3 |
| hsa04110 | Cell cycle | 2/9 | 126/8142 | 0,007966262 | 0,034219779 | 0,025934991 | 983/891 | 2 |
| hsa04380 | Osteoclast differentiation | 2/9 | 128/8142 | 0,008212747 | 0,034219779 | 0,025934991 | 3726/2354 | 2 |
| hsa04218 | Cellular senescence | 2/9 | 156/8142 | 0,012020962 | 0,042932007 | 0,032537942 | 983/891 | 2 |

|  |  |
| --- | --- |
| Table S7 miRNA（miRanda） | |
|  | |
| miRNA | mRNA |
| hsa-let-7a | JUNB |
| hsa-let-7a | LMNB1 |
| hsa-let-7a | SPAG1 |
| hsa-let-7b | JUNB |
| hsa-let-7b | LMNB1 |
| hsa-let-7b | SPAG1 |
| hsa-let-7f | JUNB |
| hsa-let-7f | LMNB1 |
| hsa-let-7f | SPAG1 |
| hsa-let-7f | FRY |
| hsa-mir-15a | LMNB1 |
| hsa-mir-15a | SPAG1 |
| hsa-mir-16 | LMNB1 |
| hsa-mir-16 | FRY |
| hsa-mir-17 | FRY |
| hsa-mir-20a | LMNB1 |
| hsa-mir-20a | FRY |
| hsa-mir-21 | LMNB1 |
| hsa-mir-21 | FRY |
| hsa-mir-22 | LMNB1 |
| hsa-mir-22 | SPAG1 |
| hsa-mir-23a | LMNB1 |
| hsa-mir-26a | LMNB1 |
| hsa-mir-26b | LMNB1 |
| hsa-mir-26b | SPAG1 |
| hsa-mir-29a | LMNB1 |
| hsa-mir-30a | LMNB1 |
| hsa-mir-30a | FRY |
| hsa-mir-32 | LMNB1 |
| hsa-mir-32 | FRY |
| hsa-mir-32 | SPAG1 |
| hsa-mir-33a | FRY |
| hsa-mir-33a | SPAG1 |
| hsa-mir-92a | SPAG1 |
| hsa-mir-93 | JUNB |
| hsa-mir-96 | LMNB1 |
| hsa-mir-96 | SPAG1 |
| hsa-mir-100 | LMNB1 |
| hsa-mir-100 | FRY |
| hsa-mir-29b | JUNB |
| hsa-mir-29b | FRY |
| hsa-mir-103 | LMNB1 |
| hsa-mir-103 | FRY |
| hsa-mir-105 | LMNB1 |
| hsa-mir-106a | SPAG1 |
| hsa-mir-16 | JUNB |
| hsa-mir-192 | FRY |
| hsa-mir-129 | FRY |
| hsa-mir-148a | LMNB1 |
| hsa-mir-148a | SPAG1 |
| hsa-mir-148a | FRY |
| hsa-mir-30c | LMNB1 |
| hsa-mir-30d | LMNB1 |
| hsa-mir-30d | FRY |
| hsa-mir-7 | JUNB |
| hsa-mir-7 | FRY |
| hsa-mir-10a | LMNB1 |
| hsa-mir-10a | SPAG1 |
| hsa-mir-10b | LMNB1 |
| hsa-mir-10b | JUNB |
| hsa-mir-10b | SPAG1 |
| hsa-mir-181c | SPAG1 |
| hsa-mir-182 | SPAG1 |
| hsa-mir-182 | FRY |
| hsa-mir-183 | LMNB1 |
| hsa-mir-183 | FRY |
| hsa-mir-187 | FRY |
| hsa-mir-196a | LMNB1 |
| hsa-mir-205 | LMNB1 |
| hsa-mir-205 | SPAG1 |
| hsa-mir-205 | FRY |
| hsa-mir-181a | FRY |
| hsa-mir-218 | SPAG1 |
| hsa-mir-219 | LMNB1 |
| hsa-mir-221 | LMNB1 |
| hsa-mir-221 | SPAG1 |
| hsa-mir-222 | LMNB1 |
| hsa-mir-222 | FRY |
| hsa-mir-223 | SPAG1 |
| hsa-mir-223 | FRY |
| hsa-mir-224 | SPAG1 |
| hsa-mir-200b | LMNB1 |
| hsa-mir-200b | FRY |
| hsa-let-7g | LMNB1 |
| hsa-mir-15b | LMNB1 |
| hsa-mir-15b | SPAG1 |
| hsa-mir-23b | LMNB1 |
| hsa-mir-27b | LMNB1 |
| hsa-mir-27b | FRY |
| hsa-mir-30b | JUNB |
| hsa-mir-122 | SPAG1 |
| hsa-mir-130a | LMNB1 |
| hsa-mir-138 | LMNB1 |
| hsa-mir-142 | LMNB1 |
| hsa-mir-142 | SPAG1 |
| hsa-mir-143 | LMNB1 |
| hsa-mir-143 | SPAG1 |
| hsa-mir-144 | SPAG1 |
| hsa-mir-145 | LMNB1 |
| hsa-mir-125b | FRY |
| hsa-mir-125b | SPAG1 |
| hsa-mir-126 | JUNB |
| hsa-mir-126 | LMNB1 |
| hsa-mir-126 | FRY |
| hsa-mir-126 | SPAG1 |
| hsa-mir-138 | FRY |
| hsa-mir-146a | FRY |
| hsa-mir-150 | SPAG1 |
| hsa-mir-154 | LMNB1 |
| hsa-mir-154 | SPAG1 |
| hsa-mir-186 | SPAG1 |
| hsa-mir-188 | LMNB1 |
| hsa-mir-195 | JUNB |
| hsa-mir-195 | LMNB1 |
| hsa-mir-195 | FRY |
| hsa-mir-200c | LMNB1 |
| hsa-mir-200c | FRY |
| hsa-mir-194 | FRY |
| hsa-mir-200a | LMNB1 |
| hsa-mir-200a | FRY |
| hsa-mir-302a | JUNB |
| hsa-mir-302a | LMNB1 |
| hsa-mir-34b | LMNB1 |
| hsa-mir-34b | SPAG1 |
| hsa-mir-130b | LMNB1 |
| hsa-mir-130b | JUNB |
| hsa-mir-30e | LMNB1 |
| hsa-mir-30e | FRY |
| hsa-mir-362 | FRY |
| hsa-mir-302b | SPAG1 |
| hsa-mir-302b | FRY |
| hsa-mir-302c | SPAG1 |
| hsa-mir-302c | FRY |
| hsa-mir-302d | SPAG1 |
| hsa-mir-302d | FRY |
| hsa-mir-367 | LMNB1 |
| hsa-mir-367 | FRY |
| hsa-mir-369 | SPAG1 |
| hsa-mir-371 | JUNB |
| hsa-mir-373 | LMNB1 |
| hsa-mir-373 | SPAG1 |
| hsa-mir-374a | FRY |
| hsa-mir-376a | JUNB |
| hsa-mir-376a | FRY |
| hsa-mir-377 | JUNB |
| hsa-mir-379 | FRY |
| hsa-mir-330 | SPAG1 |
| hsa-mir-337 | LMNB1 |
| hsa-mir-323 | JUNB |
| hsa-mir-323 | FRY |
| hsa-mir-151 | LMNB1 |
| hsa-mir-135b | SPAG1 |
| hsa-mir-148b | SPAG1 |
| hsa-mir-148b | FRY |
| hsa-mir-331 | LMNB1 |
| hsa-mir-324 | FRY |
| hsa-mir-338 | JUNB |
| hsa-mir-338 | LMNB1 |
| hsa-mir-338 | SPAG1 |
| hsa-mir-335 | SPAG1 |
| hsa-mir-325 | SPAG1 |
| hsa-mir-325 | FRY |
| hsa-mir-196b | FRY |
| hsa-mir-423 | JUNB |
| hsa-mir-423 | FRY |
| hsa-mir-431 | LMNB1 |
| hsa-mir-452 | LMNB1 |
| hsa-mir-452 | FRY |
| hsa-mir-409 | SPAG1 |
| hsa-mir-412 | JUNB |
| hsa-mir-484 | SPAG1 |
| hsa-mir-485 | LMNB1 |
| hsa-mir-485 | JUNB |
| hsa-mir-486 | JUNB |
| hsa-mir-487a | LMNB1 |
| hsa-mir-487a | SPAG1 |
| hsa-mir-488 | SPAG1 |
| hsa-mir-489 | FRY |
| hsa-mir-490 | SPAG1 |
| hsa-mir-511 | LMNB1 |
| hsa-mir-511 | FRY |
| hsa-mir-493 | SPAG1 |
| hsa-mir-493 | FRY |
| hsa-mir-493 | LMNB1 |
| hsa-mir-432 | LMNB1 |
| hsa-mir-497 | SPAG1 |
| hsa-mir-512 | LMNB1 |
| hsa-mir-498 | LMNB1 |
| hsa-mir-515 | LMNB1 |
| hsa-mir-519e | LMNB1 |
| hsa-mir-520f | LMNB1 |
| hsa-mir-519c | FRY |
| hsa-mir-519c | LMNB1 |
| hsa-mir-519c | JUNB |
| hsa-mir-520a | LMNB1 |
| hsa-mir-520a | FRY |
| hsa-mir-526b | LMNB1 |
| hsa-mir-526b | FRY |
| hsa-mir-526b | SPAG1 |
| hsa-mir-519b | FRY |
| hsa-mir-519b | LMNB1 |
| hsa-mir-519b | JUNB |
| hsa-mir-525 | LMNB1 |
| hsa-mir-523 | FRY |
| hsa-mir-518f | FRY |
| hsa-mir-518f | LMNB1 |
| hsa-mir-526a | FRY |
| hsa-mir-520c | FRY |
| hsa-mir-518c | LMNB1 |
| hsa-mir-524 | LMNB1 |
| hsa-mir-524 | FRY |
| hsa-mir-524 | SPAG1 |
| hsa-mir-517 | LMNB1 |
| hsa-mir-517 | FRY |
| hsa-mir-517a | LMNB1 |
| hsa-mir-520d | LMNB1 |
| hsa-mir-520d | FRY |
| hsa-mir-520d | SPAG1 |
| hsa-mir-520g | LMNB1 |
| hsa-mir-516b | LMNB1 |
| hsa-mir-516b | SPAG1 |
| hsa-mir-518e | FRY |
| hsa-mir-518a | FRY |
| hsa-mir-518a | LMNB1 |
| hsa-mir-518d | FRY |
| hsa-mir-517c | LMNB1 |
| hsa-mir-520h | LMNB1 |
| hsa-mir-522 | FRY |
| hsa-mir-522 | SPAG1 |
| hsa-mir-519a | FRY |
| hsa-mir-519a | LMNB1 |
| hsa-mir-519a | JUNB |
| hsa-mir-527 | FRY |
| hsa-mir-516a | LMNB1 |
| hsa-mir-516a | SPAG1 |
| hsa-mir-499 | FRY |
| hsa-mir-500 | LMNB1 |
| hsa-mir-501 | LMNB1 |
| hsa-mir-501 | FRY |
| hsa-mir-513a | LMNB1 |
| hsa-mir-513a | FRY |
| hsa-mir-507 | LMNB1 |
| hsa-mir-507 | FRY |
| hsa-mir-508 | LMNB1 |
| hsa-mir-508 | SPAG1 |
| hsa-mir-508 | FRY |
| hsa-mir-509 | FRY |
| hsa-mir-532 | LMNB1 |
| hsa-mir-532 | FRY |
| hsa-mir-455 | LMNB1 |
| hsa-mir-455 | FRY |
| hsa-mir-545 | LMNB1 |
| hsa-mir-545 | FRY |
| hsa-mir-545 | SPAG1 |
| hsa-mir-552 | LMNB1 |
| hsa-mir-552 | FRY |
| hsa-mir-554 | LMNB1 |
| hsa-mir-556 | LMNB1 |
| hsa-mir-556 | FRY |
| hsa-mir-557 | LMNB1 |
| hsa-mir-557 | FRY |
| hsa-mir-558 | LMNB1 |
| hsa-mir-559 | LMNB1 |
| hsa-mir-559 | SPAG1 |
| hsa-mir-559 | FRY |
| hsa-mir-561 | LMNB1 |
| hsa-mir-561 | SPAG1 |
| hsa-mir-562 | JUNB |
| hsa-mir-562 | SPAG1 |
| hsa-mir-568 | SPAG1 |
| hsa-mir-569 | LMNB1 |
| hsa-mir-569 | SPAG1 |
| hsa-mir-569 | FRY |
| hsa-mir-570 | SPAG1 |
| hsa-mir-570 | FRY |
| hsa-mir-574 | FRY |
| hsa-mir-576 | SPAG1 |
| hsa-mir-577 | SPAG1 |
| hsa-mir-577 | FRY |
| hsa-mir-579 | SPAG1 |
| hsa-mir-580 | LMNB1 |
| hsa-mir-580 | FRY |
| hsa-mir-581 | FRY |
| hsa-mir-582 | SPAG1 |
| hsa-mir-582 | FRY |
| hsa-mir-583 | LMNB1 |
| hsa-mir-583 | SPAG1 |
| hsa-mir-584 | LMNB1 |
| hsa-mir-548a | LMNB1 |
| hsa-mir-548a | FRY |
| hsa-mir-586 | LMNB1 |
| hsa-mir-586 | FRY |
| hsa-mir-548b | SPAG1 |
| hsa-mir-548b | FRY |
| hsa-mir-548b | JUNB |
| hsa-mir-548b | LMNB1 |
| hsa-mir-589 | LMNB1 |
| hsa-mir-589 | JUNB |
| hsa-mir-550 | LMNB1 |
| hsa-mir-550 | FRY |
| hsa-mir-592 | LMNB1 |
| hsa-mir-592 | SPAG1 |
| hsa-mir-597 | LMNB1 |
| hsa-mir-598 | SPAG1 |
| hsa-mir-548a | SPAG1 |
| hsa-mir-600 | LMNB1 |
| hsa-mir-600 | SPAG1 |
| hsa-mir-600 | FRY |
| hsa-mir-602 | LMNB1 |
| hsa-mir-603 | JUNB |
| hsa-mir-603 | LMNB1 |
| hsa-mir-605 | FRY |
| hsa-mir-606 | SPAG1 |
| hsa-mir-607 | LMNB1 |
| hsa-mir-607 | SPAG1 |
| hsa-mir-607 | FRY |
| hsa-mir-610 | JUNB |
| hsa-mir-612 | LMNB1 |
| hsa-mir-616 | LMNB1 |
| hsa-mir-616 | SPAG1 |
| hsa-mir-548c | SPAG1 |
| hsa-mir-548c | FRY |
| hsa-mir-548c | LMNB1 |
| hsa-mir-617 | SPAG1 |
| hsa-mir-618 | JUNB |
| hsa-mir-618 | FRY |
| hsa-mir-619 | LMNB1 |
| hsa-mir-619 | SPAG1 |
| hsa-mir-622 | LMNB1 |
| hsa-mir-622 | JUNB |
| hsa-mir-622 | FRY |
| hsa-mir-623 | JUNB |
| hsa-mir-623 | FRY |
| hsa-mir-624 | LMNB1 |
| hsa-mir-625 | SPAG1 |
| hsa-mir-627 | FRY |
| hsa-mir-628 | JUNB |
| hsa-mir-628 | SPAG1 |
| hsa-mir-628 | FRY |
| hsa-mir-629 | SPAG1 |
| hsa-mir-630 | LMNB1 |
| hsa-mir-630 | SPAG1 |
| hsa-mir-630 | FRY |
| hsa-mir-635 | LMNB1 |
| hsa-mir-636 | LMNB1 |
| hsa-mir-641 | LMNB1 |
| hsa-mir-642 | LMNB1 |
| hsa-mir-645 | SPAG1 |
| hsa-mir-646 | LMNB1 |
| hsa-mir-646 | FRY |
| hsa-mir-647 | LMNB1 |
| hsa-mir-651 | FRY |
| hsa-mir-548d | SPAG1 |
| hsa-mir-548d | FRY |
| hsa-mir-548d | JUNB |
| hsa-mir-411 | LMNB1 |
| hsa-mir-411 | FRY |
| hsa-mir-655 | FRY |
| hsa-mir-655 | SPAG1 |
| hsa-mir-656 | JUNB |
| hsa-mir-656 | LMNB1 |
| hsa-mir-656 | SPAG1 |
| hsa-mir-656 | FRY |
| hsa-mir-549 | SPAG1 |
| hsa-mir-549 | FRY |
| hsa-mir-659 | SPAG1 |
| hsa-mir-659 | FRY |
| hsa-mir-660 | FRY |
| hsa-mir-767 | LMNB1 |
| hsa-mir-767 | FRY |
| hsa-mir-1224 | LMNB1 |
| hsa-mir-1323 | LMNB1 |
| hsa-mir-1323 | FRY |
| hsa-mir-1323 | SPAG1 |
| hsa-mir-1301 | LMNB1 |
| hsa-mir-1185 | FRY |
| hsa-mir-449c | LMNB1 |
| hsa-mir-1283 | LMNB1 |
| hsa-mir-1283 | FRY |
| hsa-mir-1283 | SPAG1 |
| hsa-mir-766 | LMNB1 |
| hsa-mir-766 | JUNB |
| hsa-mir-762 | LMNB1 |
| hsa-mir-802 | LMNB1 |
| hsa-mir-802 | SPAG1 |
| hsa-mir-802 | FRY |
| hsa-mir-670 | LMNB1 |
| hsa-mir-2113 | LMNB1 |
| hsa-mir-2113 | FRY |
| hsa-mir-761 | JUNB |
| hsa-mir-761 | FRY |
| hsa-mir-764 | LMNB1 |
| hsa-mir-759 | LMNB1 |
| hsa-mir-759 | FRY |
| hsa-mir-770 | LMNB1 |
| hsa-mir-675 | LMNB1 |
| hsa-mir-298 | JUNB |
| hsa-mir-891a | LMNB1 |
| hsa-mir-450b | LMNB1 |
| hsa-mir-450b | SPAG1 |
| hsa-mir-890 | FRY |
| hsa-mir-891b | SPAG1 |
| hsa-mir-888 | JUNB |
| hsa-mir-888 | SPAG1 |
| hsa-mir-892b | SPAG1 |
| hsa-mir-541 | FRY |
| hsa-mir-889 | SPAG1 |
| hsa-mir-875 | SPAG1 |
| hsa-mir-744 | LMNB1 |
| hsa-mir-885 | FRY |
| hsa-mir-877 | LMNB1 |
| hsa-mir-877 | FRY |
| hsa-mir-877 | SPAG1 |
| hsa-mir-374b | LMNB1 |
| hsa-mir-374b | SPAG1 |
| hsa-mir-760 | LMNB1 |
| hsa-mir-922 | JUNB |
| hsa-mir-922 | LMNB1 |
| hsa-mir-922 | SPAG1 |
| hsa-mir-922 | FRY |
| hsa-mir-924 | JUNB |
| hsa-mir-933 | JUNB |
| hsa-mir-934 | FRY |
| hsa-mir-935 | LMNB1 |
| hsa-mir-935 | FRY |
| hsa-mir-936 | LMNB1 |
| hsa-mir-936 | SPAG1 |
| hsa-mir-938 | FRY |
| hsa-mir-942 | FRY |
| hsa-mir-943 | SPAG1 |
| hsa-mir-944 | JUNB |
| hsa-mir-944 | LMNB1 |
| hsa-mir-944 | FRY |
| hsa-mir-944 | SPAG1 |
| hsa-mir-297 | LMNB1 |
| hsa-mir-1178 | FRY |
| hsa-mir-1180 | FRY |
| hsa-mir-1184 | LMNB1 |
| hsa-mir-1226 | LMNB1 |
| hsa-mir-1227 | FRY |
| hsa-mir-1236 | LMNB1 |
| hsa-mir-1236 | FRY |
| hsa-mir-1237 | LMNB1 |
| hsa-mir-1237 | JUNB |
| hsa-mir-1238 | SPAG1 |
| hsa-mir-1201 | FRY |
| hsa-mir-1202 | LMNB1 |
| hsa-mir-1205 | FRY |
| hsa-mir-1206 | LMNB1 |
| hsa-mir-1206 | SPAG1 |
| hsa-mir-1206 | FRY |
| hsa-mir-1207 | JUNB |
| hsa-mir-1207 | LMNB1 |
| hsa-mir-1208 | SPAG1 |
| hsa-mir-548e | LMNB1 |
| hsa-mir-548e | FRY |
| hsa-mir-548j | SPAG1 |
| hsa-mir-548j | FRY |
| hsa-mir-1285 | LMNB1 |
| hsa-mir-1287 | LMNB1 |
| hsa-mir-1291 | FRY |
| hsa-mir-548k | JUNB |
| hsa-mir-548k | SPAG1 |
| hsa-mir-1295 | SPAG1 |
| hsa-mir-1299 | SPAG1 |
| hsa-mir-548l | SPAG1 |
| hsa-mir-1303 | JUNB |
| hsa-mir-1304 | LMNB1 |
| hsa-mir-1305 | LMNB1 |
| hsa-mir-1305 | SPAG1 |
| hsa-mir-548f | LMNB1 |
| hsa-mir-548f | FRY |
| hsa-mir-1246 | SPAG1 |
| hsa-mir-1248 | LMNB1 |
| hsa-mir-1249 | FRY |
| hsa-mir-1253 | LMNB1 |
| hsa-mir-1253 | FRY |
| hsa-mir-1254 | SPAG1 |
| hsa-mir-1258 | LMNB1 |
| hsa-mir-1258 | FRY |
| hsa-mir-1259 | SPAG1 |
| hsa-mir-548g | SPAG1 |
| hsa-mir-1263 | SPAG1 |
| hsa-mir-548n | LMNB1 |
| hsa-mir-548n | SPAG1 |
| hsa-mir-548n | FRY |
| hsa-mir-548m | LMNB1 |
| hsa-mir-548m | SPAG1 |
| hsa-mir-548m | FRY |
| hsa-mir-548o | LMNB1 |
| hsa-mir-548o | FRY |
| hsa-mir-548o | SPAG1 |
| hsa-mir-1267 | LMNB1 |
| hsa-mir-1267 | FRY |
| hsa-mir-1272 | LMNB1 |
| hsa-mir-1272 | SPAG1 |
| hsa-mir-1272 | FRY |
| hsa-mir-1274a | JUNB |
| hsa-mir-548h | SPAG1 |
| hsa-mir-548h | FRY |
| hsa-mir-1276 | LMNB1 |
| hsa-mir-1276 | JUNB |
| hsa-mir-1276 | SPAG1 |
| hsa-mir-302f | LMNB1 |
| hsa-mir-1277 | LMNB1 |
| hsa-mir-548p | FRY |
| hsa-mir-548i | SPAG1 |
| hsa-mir-548i | FRY |
| hsa-mir-1278 | JUNB |
| hsa-mir-1279 | LMNB1 |
| hsa-mir-1279 | SPAG1 |
| hsa-mir-1274b | JUNB |
| hsa-mir-1282 | SPAG1 |
| hsa-mir-1284 | SPAG1 |
| hsa-mir-1252 | LMNB1 |
| hsa-mir-1252 | SPAG1 |
| hsa-mir-664 | SPAG1 |
| hsa-mir-513b | FRY |
| hsa-mir-513c | LMNB1 |
| hsa-mir-513c | FRY |
| hsa-mir-1321 | SPAG1 |
| hsa-mir-1324 | LMNB1 |
| hsa-mir-1324 | FRY |
| hsa-mir-1470 | LMNB1 |
| hsa-mir-1471 | JUNB |
| hsa-mir-103 | SPAG1 |
| hsa-mir-1825 | LMNB1 |
| hsa-mir-1825 | FRY |
| hsa-mir-1827 | LMNB1 |
| hsa-mir-1909 | JUNB |
| hsa-mir-1910 | FRY |
| hsa-mir-1911 | JUNB |
| hsa-mir-1913 | FRY |
| hsa-mir-1914 | LMNB1 |
| hsa-mir-1915 | JUNB |
| hsa-mir-1915 | FRY |
| hsa-mir-1972 | LMNB1 |
| hsa-mir-1972 | SPAG1 |
| hsa-mir-1975 | FRY |
| hsa-mir-1976 | JUNB |
| hsa-mir-2052 | LMNB1 |
| hsa-mir-2052 | FRY |
| hsa-mir-2052 | SPAG1 |
| hsa-mir-2053 | LMNB1 |
| hsa-mir-2053 | SPAG1 |
| hsa-mir-2110 | LMNB1 |
| hsa-mir-2114 | LMNB1 |
| hsa-mir-2115 | LMNB1 |
| hsa-mir-2115 | SPAG1 |
| hsa-mir-2116 | LMNB1 |
| hsa-mir-2116 | SPAG1 |
| hsa-mir-2116 | FRY |
| hsa-mir-2277 | FRY |
| hsa-mir-2278 | LMNB1 |
| hsa-mir-2278 | FRY |
| hsa-mir-718 | LMNB1 |
| hsa-mir-718 | FRY |
| hsa-mir-3116 | SPAG1 |
| hsa-mir-3119 | LMNB1 |
| hsa-mir-3119 | SPAG1 |
| hsa-mir-3120 | FRY |
| hsa-mir-3121 | JUNB |
| hsa-mir-3123 | LMNB1 |
| hsa-mir-3123 | FRY |
| hsa-mir-3123 | SPAG1 |
| hsa-mir-3125 | LMNB1 |
| hsa-mir-3128 | SPAG1 |
| hsa-mir-3129 | JUNB |
| hsa-mir-3130 | SPAG1 |
| hsa-mir-3130 | FRY |
| hsa-mir-3132 | FRY |
| hsa-mir-3132 | SPAG1 |
| hsa-mir-3133 | JUNB |
| hsa-mir-3133 | LMNB1 |
| hsa-mir-3133 | FRY |
| hsa-mir-466 | JUNB |
| hsa-mir-466 | LMNB1 |
| hsa-mir-466 | FRY |
| hsa-mir-3136 | LMNB1 |
| hsa-mir-3138 | LMNB1 |
| hsa-mir-3139 | LMNB1 |
| hsa-mir-3139 | SPAG1 |
| hsa-mir-3140 | LMNB1 |
| hsa-mir-3140 | SPAG1 |
| hsa-mir-3140 | FRY |
| hsa-mir-548t | LMNB1 |
| hsa-mir-548t | JUNB |
| hsa-mir-548t | SPAG1 |
| hsa-mir-3143 | SPAG1 |
| hsa-mir-548u | LMNB1 |
| hsa-mir-548u | FRY |
| hsa-mir-3144 | FRY |
| hsa-mir-3145 | SPAG1 |
| hsa-mir-548v | FRY |
| hsa-mir-3148 | LMNB1 |
| hsa-mir-3148 | SPAG1 |
| hsa-mir-3148 | FRY |
| hsa-mir-3150 | JUNB |
| hsa-mir-3151 | FRY |
| hsa-mir-3153 | FRY |
| hsa-mir-3074 | SPAG1 |
| hsa-mir-3154 | LMNB1 |
| hsa-mir-3154 | JUNB |
| hsa-mir-3155 | SPAG1 |
| hsa-mir-3156 | LMNB1 |
| hsa-mir-3157 | FRY |
| hsa-mir-3157 | SPAG1 |
| hsa-mir-3158 | JUNB |
| hsa-mir-3158 | LMNB1 |
| hsa-mir-3158 | FRY |
| hsa-mir-3163 | LMNB1 |
| hsa-mir-3163 | SPAG1 |
| hsa-mir-3163 | FRY |
| hsa-mir-3166 | SPAG1 |
| hsa-mir-3168 | SPAG1 |
| hsa-mir-3169 | JUNB |
| hsa-mir-3170 | LMNB1 |
| hsa-mir-3170 | FRY |
| hsa-mir-3171 | SPAG1 |
| hsa-mir-3171 | FRY |
| hsa-mir-3173 | LMNB1 |
| hsa-mir-3173 | SPAG1 |
| hsa-mir-3173 | FRY |
| hsa-mir-3174 | LMNB1 |
| hsa-mir-3176 | LMNB1 |
| hsa-mir-3179 | JUNB |
| hsa-mir-3179 | SPAG1 |
| hsa-mir-3180 | LMNB1 |
| hsa-mir-3180 | JUNB |
| hsa-mir-548w | SPAG1 |
| hsa-mir-548w | FRY |
| hsa-mir-3182 | JUNB |
| hsa-mir-3182 | LMNB1 |
| hsa-mir-3183 | LMNB1 |
| hsa-mir-3185 | LMNB1 |
| hsa-mir-3185 | FRY |
| hsa-mir-3065 | LMNB1 |
| hsa-mir-3065 | SPAG1 |
| hsa-mir-3186 | JUNB |
| hsa-mir-3187 | LMNB1 |
| hsa-mir-3188 | LMNB1 |
| hsa-mir-3188 | SPAG1 |
| hsa-mir-320e | LMNB1 |
| hsa-mir-3190 | JUNB |
| hsa-mir-3190 | LMNB1 |
| hsa-mir-3190 | FRY |
| hsa-mir-3191 | JUNB |
| hsa-mir-548x | LMNB1 |
| hsa-mir-548x | FRY |
| hsa-mir-3198 | FRY |
| hsa-mir-3200 | LMNB1 |
| hsa-mir-3201 | LMNB1 |
| hsa-mir-514b | LMNB1 |
| hsa-mir-514b | FRY |
| hsa-mir-3202 | JUNB |
| hsa-mir-3202 | SPAG1 |
| hsa-mir-1273d | FRY |
| hsa-mir-4295 | LMNB1 |
| hsa-mir-4295 | SPAG1 |
| hsa-mir-4295 | FRY |
| hsa-mir-4297 | LMNB1 |
| hsa-mir-378c | LMNB1 |
| hsa-mir-4294 | FRY |
| hsa-mir-4299 | LMNB1 |
| hsa-mir-4302 | LMNB1 |
| hsa-mir-4305 | FRY |
| hsa-mir-4306 | LMNB1 |
| hsa-mir-4306 | FRY |
| hsa-mir-4306 | SPAG1 |
| hsa-mir-4309 | FRY |
| hsa-mir-4307 | SPAG1 |
| hsa-mir-4307 | FRY |
| hsa-mir-4308 | LMNB1 |
| hsa-mir-4308 | SPAG1 |
| hsa-mir-4310 | FRY |
| hsa-mir-4311 | LMNB1 |
| hsa-mir-4311 | FRY |
| hsa-mir-4311 | SPAG1 |
| hsa-mir-4313 | JUNB |
| hsa-mir-4315 | LMNB1 |
| hsa-mir-4319 | LMNB1 |
| hsa-mir-4317 | LMNB1 |
| hsa-mir-4324 | LMNB1 |
| hsa-mir-4251 | LMNB1 |
| hsa-mir-4251 | FRY |
| hsa-mir-4254 | SPAG1 |
| hsa-mir-4255 | LMNB1 |
| hsa-mir-4325 | SPAG1 |
| hsa-mir-4325 | FRY |
| hsa-mir-4326 | SPAG1 |
| hsa-mir-4267 | LMNB1 |
| hsa-mir-4267 | JUNB |
| hsa-mir-4262 | SPAG1 |
| hsa-mir-4268 | LMNB1 |
| hsa-mir-4263 | LMNB1 |
| hsa-mir-4263 | SPAG1 |
| hsa-mir-4263 | FRY |
| hsa-mir-4271 | LMNB1 |
| hsa-mir-4271 | SPAG1 |
| hsa-mir-4272 | JUNB |
| hsa-mir-4273 | SPAG1 |
| hsa-mir-4276 | LMNB1 |
| hsa-mir-4275 | FRY |
| hsa-mir-4274 | FRY |
| hsa-mir-4277 | LMNB1 |
| hsa-mir-4277 | SPAG1 |
| hsa-mir-4279 | LMNB1 |
| hsa-mir-4280 | FRY |
| hsa-mir-4282 | LMNB1 |
| hsa-mir-4282 | FRY |
| hsa-mir-4282 | SPAG1 |
| hsa-mir-4290 | JUNB |
| hsa-mir-4290 | LMNB1 |
| hsa-mir-4291 | JUNB |
| hsa-mir-4291 | FRY |
| hsa-mir-4330 | SPAG1 |
| hsa-mir-500b | FRY |
| hsa-mir-4328 | FRY |
| hsa-mir-15a | JUNB |
| hsa-mir-15a | FRY |
| hsa-mir-17 | LMNB1 |
| hsa-mir-17 | JUNB |
| hsa-mir-18a | JUNB |
| hsa-mir-18a | FRY |
| hsa-mir-18a | SPAG1 |
| hsa-mir-19a | FRY |
| hsa-mir-19b | FRY |
| hsa-mir-20a | JUNB |
| hsa-mir-22 | JUNB |
| hsa-mir-22 | FRY |
| hsa-mir-23a | FRY |
| hsa-mir-24 | LMNB1 |
| hsa-mir-24 | FRY |
| hsa-mir-25 | FRY |
| hsa-mir-26a | FRY |
| hsa-mir-26b | FRY |
| hsa-mir-27a | LMNB1 |
| hsa-mir-27a | FRY |
| hsa-mir-28 | LMNB1 |
| hsa-mir-28 | FRY |
| hsa-mir-30a | JUNB |
| hsa-mir-31 | FRY |
| hsa-mir-33a | LMNB1 |
| hsa-mir-92a | FRY |
| hsa-mir-93 | LMNB1 |
| hsa-mir-93 | FRY |
| hsa-mir-96 | FRY |
| hsa-mir-99a | FRY |
| hsa-mir-101 | LMNB1 |
| hsa-mir-101 | FRY |
| hsa-mir-29b | LMNB1 |
| hsa-mir-103 | JUNB |
| hsa-mir-106a | LMNB1 |
| hsa-mir-106a | JUNB |
| hsa-mir-106a | FRY |
| hsa-mir-107 | LMNB1 |
| hsa-mir-107 | JUNB |
| hsa-mir-107 | FRY |
| hsa-mir-192 | JUNB |
| hsa-mir-196a | JUNB |
| hsa-mir-196a | FRY |
| hsa-mir-197 | LMNB1 |
| hsa-mir-197 | FRY |
| hsa-mir-199a | LMNB1 |
| hsa-mir-199a | JUNB |
| hsa-mir-199a | FRY |
| hsa-mir-129 | LMNB1 |
| hsa-mir-129 | SPAG1 |
| hsa-mir-30c | JUNB |
| hsa-mir-30c | FRY |
| hsa-mir-30d | JUNB |
| hsa-mir-139 | FRY |
| hsa-mir-7 | LMNB1 |
| hsa-mir-7 | SPAG1 |
| hsa-mir-10a | FRY |
| hsa-mir-10b | FRY |
| hsa-mir-34a | FRY |
| hsa-mir-181a | SPAG1 |
| hsa-mir-181b | FRY |
| hsa-mir-181b | SPAG1 |
| hsa-mir-181c | FRY |
| hsa-mir-182 | LMNB1 |
| hsa-mir-187 | LMNB1 |
| hsa-mir-187 | JUNB |
| hsa-mir-199b | LMNB1 |
| hsa-mir-199b | JUNB |
| hsa-mir-199b | FRY |
| hsa-mir-203 | FRY |
| hsa-mir-203 | SPAG1 |
| hsa-mir-204 | LMNB1 |
| hsa-mir-204 | JUNB |
| hsa-mir-204 | FRY |
| hsa-mir-210 | JUNB |
| hsa-mir-210 | FRY |
| hsa-mir-211 | JUNB |
| hsa-mir-211 | FRY |
| hsa-mir-212 | LMNB1 |
| hsa-mir-212 | FRY |
| hsa-mir-214 | LMNB1 |
| hsa-mir-214 | JUNB |
| hsa-mir-214 | FRY |
| hsa-mir-215 | JUNB |
| hsa-mir-215 | FRY |
| hsa-mir-216a | LMNB1 |
| hsa-mir-216a | FRY |
| hsa-mir-217 | FRY |
| hsa-mir-218 | FRY |
| hsa-mir-219 | SPAG1 |
| hsa-mir-221 | FRY |
| hsa-mir-223 | LMNB1 |
| hsa-mir-224 | LMNB1 |
| hsa-mir-224 | FRY |
| hsa-mir-1 | LMNB1 |
| hsa-mir-1 | FRY |
| hsa-mir-15b | JUNB |
| hsa-mir-15b | FRY |
| hsa-mir-23b | FRY |
| hsa-mir-30b | FRY |
| hsa-mir-122 | FRY |
| hsa-mir-124 | LMNB1 |
| hsa-mir-124 | FRY |
| hsa-mir-125b | JUNB |
| hsa-mir-128 | LMNB1 |
| hsa-mir-128 | JUNB |
| hsa-mir-128 | FRY |
| hsa-mir-130a | JUNB |
| hsa-mir-130a | FRY |
| hsa-mir-132 | LMNB1 |
| hsa-mir-132 | FRY |
| hsa-mir-133a | JUNB |
| hsa-mir-133a | FRY |
| hsa-mir-135a | FRY |
| hsa-mir-137 | LMNB1 |
| hsa-mir-137 | FRY |
| hsa-mir-140 | FRY |
| hsa-mir-141 | LMNB1 |
| hsa-mir-141 | FRY |
| hsa-mir-142 | FRY |
| hsa-mir-143 | FRY |
| hsa-mir-144 | LMNB1 |
| hsa-mir-144 | JUNB |
| hsa-mir-144 | FRY |
| hsa-mir-145 | JUNB |
| hsa-mir-145 | FRY |
| hsa-mir-152 | LMNB1 |
| hsa-mir-152 | FRY |
| hsa-mir-153 | FRY |
| hsa-mir-191 | LMNB1 |
| hsa-mir-191 | FRY |
| hsa-mir-9 | FRY |
| hsa-mir-125a | JUNB |
| hsa-mir-125a | FRY |
| hsa-mir-127 | FRY |
| hsa-mir-134 | LMNB1 |
| hsa-mir-134 | FRY |
| hsa-mir-136 | FRY |
| hsa-mir-149 | LMNB1 |
| hsa-mir-149 | JUNB |
| hsa-mir-149 | FRY |
| hsa-mir-150 | LMNB1 |
| hsa-mir-150 | JUNB |
| hsa-mir-150 | FRY |
| hsa-mir-154 | FRY |
| hsa-mir-184 | LMNB1 |
| hsa-mir-184 | FRY |
| hsa-mir-185 | FRY |
| hsa-mir-186 | LMNB1 |
| hsa-mir-186 | FRY |
| hsa-mir-190 | LMNB1 |
| hsa-mir-193a | FRY |
| hsa-mir-206 | LMNB1 |
| hsa-mir-206 | FRY |
| hsa-mir-320a | FRY |
| hsa-mir-155 | FRY |
| hsa-mir-106b | LMNB1 |
| hsa-mir-106b | JUNB |
| hsa-mir-106b | FRY |
| hsa-mir-29c | LMNB1 |
| hsa-mir-302a | FRY |
| hsa-mir-34c | FRY |
| hsa-mir-299 | FRY |
| hsa-mir-301a | LMNB1 |
| hsa-mir-301a | JUNB |
| hsa-mir-301a | FRY |
| hsa-mir-99b | FRY |
| hsa-mir-296 | LMNB1 |
| hsa-mir-296 | FRY |
| hsa-mir-130b | FRY |
| hsa-mir-30e | JUNB |
| hsa-mir-361 | FRY |
| hsa-mir-362 | LMNB1 |
| hsa-mir-363 | FRY |
| hsa-mir-365 | FRY |
| hsa-mir-302b | LMNB1 |
| hsa-mir-302c | LMNB1 |
| hsa-mir-302d | LMNB1 |
| hsa-mir-376c | FRY |
| hsa-mir-370 | LMNB1 |
| hsa-mir-370 | JUNB |
| hsa-mir-370 | FRY |
| hsa-mir-371 | FRY |
| hsa-mir-372 | FRY |
| hsa-mir-373 | FRY |
| hsa-mir-375 | FRY |
| hsa-mir-376a | LMNB1 |
| hsa-mir-376a | SPAG1 |
| hsa-mir-377 | LMNB1 |
| hsa-mir-377 | FRY |
| hsa-mir-378 | JUNB |
| hsa-mir-378 | FRY |
| hsa-mir-379 | JUNB |
| hsa-mir-381 | LMNB1 |
| hsa-mir-381 | JUNB |
| hsa-mir-381 | FRY |
| hsa-mir-382 | FRY |
| hsa-mir-340 | FRY |
| hsa-mir-340 | SPAG1 |
| hsa-mir-330 | JUNB |
| hsa-mir-330 | FRY |
| hsa-mir-328 | FRY |
| hsa-mir-342 | LMNB1 |
| hsa-mir-342 | FRY |
| hsa-mir-326 | JUNB |
| hsa-mir-326 | FRY |
| hsa-mir-135b | FRY |
| hsa-mir-148b | LMNB1 |
| hsa-mir-338 | FRY |
| hsa-mir-339 | JUNB |
| hsa-mir-339 | FRY |
| hsa-mir-335 | FRY |
| hsa-mir-133b | JUNB |
| hsa-mir-133b | FRY |
| hsa-mir-346 | LMNB1 |
| hsa-mir-346 | JUNB |
| hsa-mir-346 | FRY |
| hsa-mir-384 | FRY |
| hsa-mir-196b | LMNB1 |
| hsa-mir-196b | JUNB |
| hsa-mir-422a | JUNB |
| hsa-mir-422a | FRY |
| hsa-mir-424 | LMNB1 |
| hsa-mir-424 | JUNB |
| hsa-mir-424 | FRY |
| hsa-mir-425 | LMNB1 |
| hsa-mir-425 | FRY |
| hsa-mir-18b | JUNB |
| hsa-mir-18b | FRY |
| hsa-mir-18b | SPAG1 |
| hsa-mir-20b | LMNB1 |
| hsa-mir-20b | JUNB |
| hsa-mir-20b | FRY |
| hsa-mir-448 | FRY |
| hsa-mir-429 | FRY |
| hsa-mir-449a | FRY |
| hsa-mir-450a | JUNB |
| hsa-mir-450a | FRY |
| hsa-mir-433 | LMNB1 |
| hsa-mir-433 | JUNB |
| hsa-mir-433 | FRY |
| hsa-mir-329 | LMNB1 |
| hsa-mir-329 | FRY |
| hsa-mir-451 | FRY |
| hsa-mir-410 | LMNB1 |
| hsa-mir-410 | FRY |
| hsa-mir-410 | SPAG1 |
| hsa-mir-376b | LMNB1 |
| hsa-mir-376b | FRY |
| hsa-mir-376b | SPAG1 |
| hsa-mir-485 | FRY |
| hsa-mir-486 | LMNB1 |
| hsa-mir-486 | FRY |
| hsa-mir-488 | FRY |
| hsa-mir-490 | FRY |
| hsa-mir-491 | LMNB1 |
| hsa-mir-491 | FRY |
| hsa-mir-146b | FRY |
| hsa-mir-202 | JUNB |
| hsa-mir-494 | FRY |
| hsa-mir-495 | LMNB1 |
| hsa-mir-495 | FRY |
| hsa-mir-495 | SPAG1 |
| hsa-mir-496 | FRY |
| hsa-mir-193b | FRY |
| hsa-mir-497 | LMNB1 |
| hsa-mir-497 | JUNB |
| hsa-mir-497 | FRY |
| hsa-mir-181d | FRY |
| hsa-mir-181d | SPAG1 |
| hsa-mir-520e | LMNB1 |
| hsa-mir-520e | FRY |
| hsa-mir-520b | LMNB1 |
| hsa-mir-520b | FRY |
| hsa-mir-520c | LMNB1 |
| hsa-mir-519d | LMNB1 |
| hsa-mir-519d | JUNB |
| hsa-mir-519d | FRY |
| hsa-mir-503 | LMNB1 |
| hsa-mir-503 | JUNB |
| hsa-mir-503 | FRY |
| hsa-mir-504 | LMNB1 |
| hsa-mir-504 | FRY |
| hsa-mir-505 | FRY |
| hsa-mir-506 | LMNB1 |
| hsa-mir-506 | FRY |
| hsa-mir-539 | LMNB1 |
| hsa-mir-539 | FRY |
| hsa-mir-544 | FRY |
| hsa-mir-487b | FRY |
| hsa-mir-551a | FRY |
| hsa-mir-92b | FRY |
| hsa-mir-551b | FRY |
| hsa-mir-590 | LMNB1 |
| hsa-mir-590 | FRY |
| hsa-mir-590 | SPAG1 |
| hsa-mir-599 | FRY |
| hsa-mir-613 | LMNB1 |
| hsa-mir-613 | FRY |
| hsa-mir-615 | JUNB |
| hsa-mir-33b | LMNB1 |
| hsa-mir-33b | FRY |
| hsa-mir-33b | SPAG1 |
| hsa-mir-449b | FRY |
| hsa-mir-653 | LMNB1 |
| hsa-mir-653 | JUNB |
| hsa-mir-653 | FRY |
| hsa-mir-411 | SPAG1 |
| hsa-mir-421 | LMNB1 |
| hsa-mir-421 | FRY |
| hsa-mir-421 | SPAG1 |
| hsa-mir-542 | LMNB1 |
| hsa-mir-542 | FRY |
| hsa-mir-758 | FRY |
| hsa-mir-320b | FRY |
| hsa-mir-320c | FRY |
| hsa-mir-1271 | LMNB1 |
| hsa-mir-1271 | FRY |
| hsa-mir-454 | LMNB1 |
| hsa-mir-454 | JUNB |
| hsa-mir-454 | FRY |
| hsa-mir-300 | LMNB1 |
| hsa-mir-300 | JUNB |
| hsa-mir-300 | FRY |
| hsa-mir-874 | FRY |
| hsa-mir-876 | FRY |
| hsa-mir-876 | SPAG1 |
| hsa-mir-708 | LMNB1 |
| hsa-mir-708 | FRY |
| hsa-mir-190b | LMNB1 |
| hsa-mir-873 | FRY |
| hsa-mir-873 | SPAG1 |
| hsa-mir-543 | LMNB1 |
| hsa-mir-543 | FRY |
| hsa-mir-374b | FRY |
| hsa-mir-301b | LMNB1 |
| hsa-mir-301b | JUNB |
| hsa-mir-301b | FRY |
| hsa-mir-216b | LMNB1 |
| hsa-mir-216b | FRY |
| hsa-mir-1297 | LMNB1 |
| hsa-mir-1297 | FRY |
| hsa-mir-302e | LMNB1 |
| hsa-mir-302e | FRY |
| hsa-mir-320d | FRY |
| hsa-let-7c | LMNB1 |
| hsa-let-7c | JUNB |
| hsa-let-7c | SPAG1 |
| hsa-let-7d | LMNB1 |
| hsa-let-7d | JUNB |
| hsa-let-7d | SPAG1 |
| hsa-let-7e | LMNB1 |
| hsa-let-7e | JUNB |
| hsa-let-7e | SPAG1 |
| hsa-mir-17 | SPAG1 |
| hsa-mir-19a | SPAG1 |
| hsa-mir-19b | SPAG1 |
| hsa-mir-20a | SPAG1 |
| hsa-mir-21 | SPAG1 |
| hsa-mir-25 | LMNB1 |
| hsa-mir-26a | SPAG1 |
| hsa-mir-28 | SPAG1 |
| hsa-mir-30a | SPAG1 |
| hsa-mir-92a | LMNB1 |
| hsa-mir-93 | SPAG1 |
| hsa-mir-98 | LMNB1 |
| hsa-mir-98 | JUNB |
| hsa-mir-98 | SPAG1 |
| hsa-mir-101 | JUNB |
| hsa-mir-101 | SPAG1 |
| hsa-mir-129 | JUNB |
| hsa-mir-30c | SPAG1 |
| hsa-mir-30d | SPAG1 |
| hsa-mir-139 | SPAG1 |
| hsa-mir-211 | LMNB1 |
| hsa-mir-212 | SPAG1 |
| hsa-mir-216a | SPAG1 |
| hsa-mir-218 | LMNB1 |
| hsa-let-7g | JUNB |
| hsa-let-7g | SPAG1 |
| hsa-let-7i | LMNB1 |
| hsa-let-7i | JUNB |
| hsa-let-7i | SPAG1 |
| hsa-mir-1 | SPAG1 |
| hsa-mir-30b | SPAG1 |
| hsa-mir-125b | LMNB1 |
| hsa-mir-130a | SPAG1 |
| hsa-mir-132 | SPAG1 |
| hsa-mir-140 | LMNB1 |
| hsa-mir-140 | SPAG1 |
| hsa-mir-9 | SPAG1 |
| hsa-mir-125a | LMNB1 |
| hsa-mir-146a | LMNB1 |
| hsa-mir-185 | LMNB1 |
| hsa-mir-185 | SPAG1 |
| hsa-mir-186 | JUNB |
| hsa-mir-190 | SPAG1 |
| hsa-mir-193a | SPAG1 |
| hsa-mir-194 | LMNB1 |
| hsa-mir-206 | SPAG1 |
| hsa-mir-320a | LMNB1 |
| hsa-mir-155 | LMNB1 |
| hsa-mir-106b | SPAG1 |
| hsa-mir-299 | SPAG1 |
| hsa-mir-301a | SPAG1 |
| hsa-mir-130b | SPAG1 |
| hsa-mir-30e | SPAG1 |
| hsa-mir-362 | JUNB |
| hsa-mir-363 | LMNB1 |
| hsa-mir-302b | JUNB |
| hsa-mir-302c | JUNB |
| hsa-mir-302d | JUNB |
| hsa-mir-376c | SPAG1 |
| hsa-mir-371 | SPAG1 |
| hsa-mir-372 | JUNB |
| hsa-mir-373 | JUNB |
| hsa-mir-374a | SPAG1 |
| hsa-mir-375 | SPAG1 |
| hsa-mir-379 | SPAG1 |
| hsa-mir-381 | SPAG1 |
| hsa-mir-383 | LMNB1 |
| hsa-mir-340 | LMNB1 |
| hsa-mir-335 | LMNB1 |
| hsa-mir-20b | SPAG1 |
| hsa-mir-448 | SPAG1 |
| hsa-mir-450a | LMNB1 |
| hsa-mir-329 | JUNB |
| hsa-mir-488 | LMNB1 |
| hsa-mir-146b | LMNB1 |
| hsa-mir-202 | LMNB1 |
| hsa-mir-202 | SPAG1 |
| hsa-mir-494 | SPAG1 |
| hsa-mir-495 | JUNB |
| hsa-mir-193b | SPAG1 |
| hsa-mir-520e | JUNB |
| hsa-mir-520a | JUNB |
| hsa-mir-520b | JUNB |
| hsa-mir-520c | JUNB |
| hsa-mir-519d | SPAG1 |
| hsa-mir-520d | JUNB |
| hsa-mir-499 | SPAG1 |
| hsa-mir-505 | SPAG1 |
| hsa-mir-92b | LMNB1 |
| hsa-mir-590 | JUNB |
| hsa-mir-613 | SPAG1 |
| hsa-mir-542 | SPAG1 |
| hsa-mir-320b | LMNB1 |
| hsa-mir-320c | LMNB1 |
| hsa-mir-1271 | SPAG1 |
| hsa-mir-454 | SPAG1 |
| hsa-mir-300 | SPAG1 |
| hsa-mir-875 | FRY |
| hsa-mir-708 | SPAG1 |
| hsa-mir-190b | SPAG1 |
| hsa-mir-543 | SPAG1 |
| hsa-mir-301b | SPAG1 |
| hsa-mir-1297 | SPAG1 |
| hsa-mir-302e | JUNB |
| hsa-mir-320d | LMNB1 |

|  |  |
| --- | --- |
| TableS8 lncRNA（lncBase） | |
| lncRNA | miRNA |
| XXbac-B461K10.4 | hsa-let-7d |
| H19 | hsa-let-7a |
| H19 | hsa-let-7b |
| H19 | hsa-let-7f |
| H19 | hsa-let-7g |
| H19 | hsa-let-7i |
| TXLNGY | hsa-let-7a |
| TXLNGY | hsa-let-7b |
| TXLNGY | hsa-let-7e |
| TXLNGY | hsa-let-7f |
| TXLNGY | hsa-let-7g |
| TXLNGY | hsa-let-7i |
| CLUHP3 | hsa-let-7a |
| CLUHP3 | hsa-let-7b |
| CLUHP3 | hsa-let-7d |
| CLUHP3 | hsa-let-7e |
| CLUHP3 | hsa-let-7f |
| CLUHP3 | hsa-let-7g |
| CLUHP3 | hsa-let-7i |
| RPL14P1 | hsa-let-7a |
| RPL14P1 | hsa-let-7b |
| RPL14P1 | hsa-let-7f |
| RPL14P1 | hsa-let-7g |
| RPL14P1 | hsa-let-7i |
| AC093838.4 | hsa-let-7a |
| AC093838.4 | hsa-let-7b |
| AC093838.4 | hsa-let-7d |
| AC093838.4 | hsa-let-7e |
| AC093838.4 | hsa-let-7f |
| AC093838.4 | hsa-let-7g |
| AC093838.4 | hsa-let-7i |
| CEP170P1 | hsa-let-7a |
| CEP170P1 | hsa-let-7b |
| CEP170P1 | hsa-let-7e |
| CEP170P1 | hsa-let-7f |
| CEP170P1 | hsa-let-7g |
| CEP170P1 | hsa-let-7i |
| CCDC144CP | hsa-let-7a |
| CCDC144CP | hsa-let-7b |
| CCDC144CP | hsa-let-7e |
| CCDC144CP | hsa-let-7f |
| CCDC144CP | hsa-let-7g |
| CCDC144CP | hsa-let-7i |
| FAM92A1P1 | hsa-let-7a |
| FAM92A1P1 | hsa-let-7b |
| FAM92A1P1 | hsa-let-7f |
| FAM92A1P1 | hsa-let-7g |
| FAM92A1P1 | hsa-let-7i |
| MIR4435-1HG | hsa-let-7d |
| LRRC75A-AS1 | hsa-let-7a |
| LRRC75A-AS1 | hsa-let-7b |
| LRRC75A-AS1 | hsa-let-7d |
| LRRC75A-AS1 | hsa-let-7f |
| LRRC75A-AS1 | hsa-let-7g |
| LRRC75A-AS1 | hsa-let-7i |
| CH17-12M21.1 | hsa-let-7a |
| CH17-12M21.1 | hsa-let-7b |
| CH17-12M21.1 | hsa-let-7d |
| CH17-12M21.1 | hsa-let-7e |
| CH17-12M21.1 | hsa-let-7f |
| CH17-12M21.1 | hsa-let-7g |
| CH17-12M21.1 | hsa-let-7i |
| CTD-2368P22.1 | hsa-let-7a |
| CTD-2368P22.1 | hsa-let-7b |
| CTD-2368P22.1 | hsa-let-7f |
| CTD-2368P22.1 | hsa-let-7g |
| CTD-2368P22.1 | hsa-let-7i |
| ZFAS1 | hsa-let-7a |
| ZFAS1 | hsa-let-7b |
| ZFAS1 | hsa-let-7f |
| HMGN2P46 | hsa-let-7d |
| AC025335.1 | hsa-let-7a |
| AC025335.1 | hsa-let-7g |
| SRP9P1 | hsa-let-7a |
| SRP9P1 | hsa-let-7b |
| SRP9P1 | hsa-let-7d |
| SRP9P1 | hsa-let-7e |
| SRP9P1 | hsa-let-7f |
| SRP9P1 | hsa-let-7g |
| SRP9P1 | hsa-let-7i |
| SMG1P3 | hsa-let-7a |
| SMG1P3 | hsa-let-7b |
| SMG1P3 | hsa-let-7f |
| SMG1P3 | hsa-let-7g |
| SMG1P3 | hsa-let-7i |
| RP4-655L22.4 | hsa-let-7a |
| RP4-655L22.4 | hsa-let-7b |
| RP4-655L22.4 | hsa-let-7d |
| RP4-655L22.4 | hsa-let-7e |
| RP4-655L22.4 | hsa-let-7f |
| RP4-655L22.4 | hsa-let-7g |
| RP4-655L22.4 | hsa-let-7i |
| GUSBP1 | hsa-let-7d |
| HTR7P1 | hsa-let-7a |
| HTR7P1 | hsa-let-7b |
| HTR7P1 | hsa-let-7f |
| HTR7P1 | hsa-let-7g |
| HTR7P1 | hsa-let-7i |
| ACTBP7 | hsa-let-7a |
| ACTBP7 | hsa-let-7b |
| ACTBP7 | hsa-let-7d |
| ACTBP7 | hsa-let-7e |
| ACTBP7 | hsa-let-7f |
| ACTBP7 | hsa-let-7g |
| ACTBP7 | hsa-let-7i |
| C14orf23 | hsa-let-7a |
| C14orf23 | hsa-let-7b |
| C14orf23 | hsa-let-7d |
| C14orf23 | hsa-let-7f |
| C14orf23 | hsa-let-7g |
| C14orf23 | hsa-let-7i |
| RP11-43F13.1 | hsa-let-7a |
| RP11-43F13.1 | hsa-let-7b |
| RP11-43F13.1 | hsa-let-7d |
| RP11-43F13.1 | hsa-let-7e |
| RP11-43F13.1 | hsa-let-7f |
| RP11-43F13.1 | hsa-let-7g |
| RP11-43F13.1 | hsa-let-7i |
| NPIPP1 | hsa-let-7g |
| TEKT4P2 | hsa-let-7a |
| TEKT4P2 | hsa-let-7b |
| TEKT4P2 | hsa-let-7d |
| TEKT4P2 | hsa-let-7e |
| TEKT4P2 | hsa-let-7f |
| TEKT4P2 | hsa-let-7g |
| TEKT4P2 | hsa-let-7i |
| LINC00910 | hsa-let-7a |
| LINC00910 | hsa-let-7b |
| LINC00910 | hsa-let-7d |
| LINC00910 | hsa-let-7e |
| LINC00910 | hsa-let-7f |
| LINC00910 | hsa-let-7g |
| LINC00910 | hsa-let-7i |
| FAM35DP | hsa-let-7a |
| FAM35DP | hsa-let-7b |
| FAM35DP | hsa-let-7d |
| FAM35DP | hsa-let-7f |
| FAM35DP | hsa-let-7g |
| FAM35DP | hsa-let-7i |
| RNF216P1 | hsa-let-7a |
| RNF216P1 | hsa-let-7b |
| RNF216P1 | hsa-let-7d |
| RNF216P1 | hsa-let-7e |
| RNF216P1 | hsa-let-7f |
| RNF216P1 | hsa-let-7g |
| RNF216P1 | hsa-let-7i |
| AC005154.6 | hsa-let-7a |
| AC005154.6 | hsa-let-7b |
| AC005154.6 | hsa-let-7d |
| AC005154.6 | hsa-let-7f |
| AC005154.6 | hsa-let-7g |
| AC005154.6 | hsa-let-7i |
| LINC00176 | hsa-let-7g |
| SNHG12 | hsa-let-7i |
| ZNF876P | hsa-let-7a |
| ZNF876P | hsa-let-7b |
| ZNF876P | hsa-let-7d |
| ZNF876P | hsa-let-7e |
| ZNF876P | hsa-let-7f |
| ZNF876P | hsa-let-7g |
| ZNF876P | hsa-let-7i |
| FLVCR1-AS1 | hsa-let-7a |
| FLVCR1-AS1 | hsa-let-7b |
| FLVCR1-AS1 | hsa-let-7e |
| FLVCR1-AS1 | hsa-let-7f |
| FLVCR1-AS1 | hsa-let-7g |
| FLVCR1-AS1 | hsa-let-7i |
| C1orf132 | hsa-let-7a |
| C1orf132 | hsa-let-7b |
| C1orf132 | hsa-let-7e |
| C1orf132 | hsa-let-7f |
| C1orf132 | hsa-let-7g |
| C1orf132 | hsa-let-7i |
| LINC00963 | hsa-let-7a |
| LINC00963 | hsa-let-7b |
| LINC00963 | hsa-let-7d |
| LINC00963 | hsa-let-7e |
| LINC00963 | hsa-let-7f |
| LINC00963 | hsa-let-7g |
| LINC00963 | hsa-let-7i |
| LINC01420 | hsa-let-7d |
| ZNRD1-AS1 | hsa-let-7a |
| ZNRD1-AS1 | hsa-let-7b |
| ZNRD1-AS1 | hsa-let-7d |
| ZNRD1-AS1 | hsa-let-7e |
| ZNRD1-AS1 | hsa-let-7f |
| ZNRD1-AS1 | hsa-let-7g |
| ZNRD1-AS1 | hsa-let-7i |
| REG1P | hsa-let-7a |
| REG1P | hsa-let-7b |
| REG1P | hsa-let-7d |
| REG1P | hsa-let-7f |
| REG1P | hsa-let-7g |
| REG1P | hsa-let-7i |
| LINC00634 | hsa-let-7a |
| LINC00634 | hsa-let-7b |
| LINC00634 | hsa-let-7d |
| LINC00634 | hsa-let-7f |
| LINC00634 | hsa-let-7g |
| LINC00634 | hsa-let-7i |
| HCP5 | hsa-let-7a |
| LINC01089 | hsa-let-7a |
| LINC01089 | hsa-let-7b |
| LINC01089 | hsa-let-7d |
| LINC01089 | hsa-let-7e |
| LINC01089 | hsa-let-7f |
| LINC01089 | hsa-let-7g |
| LINC01089 | hsa-let-7i |
| AC016747.3 | hsa-let-7e |
| RP11-312J18.5 | hsa-let-7i |
| AC093724.2 | hsa-let-7a |
| AC093724.2 | hsa-let-7b |
| AC093724.2 | hsa-let-7d |
| AC093724.2 | hsa-let-7e |
| AC093724.2 | hsa-let-7f |
| AC093724.2 | hsa-let-7g |
| AC093724.2 | hsa-let-7i |
| RPS7P11 | hsa-let-7a |
| RPS7P11 | hsa-let-7b |
| RPS7P11 | hsa-let-7f |
| RPS7P11 | hsa-let-7g |
| RPS7P11 | hsa-let-7i |
| GAPDHP44 | hsa-let-7a |
| GAPDHP44 | hsa-let-7b |
| GAPDHP44 | hsa-let-7f |
| GAPDHP44 | hsa-let-7g |
| GAPDHP44 | hsa-let-7i |
| GAPDHP28 | hsa-let-7a |
| GAPDHP28 | hsa-let-7b |
| GAPDHP28 | hsa-let-7f |
| GAPDHP28 | hsa-let-7g |
| GAPDHP28 | hsa-let-7i |
| RPLP0P6 | hsa-let-7a |
| RPLP0P6 | hsa-let-7b |
| RPLP0P6 | hsa-let-7e |
| RPLP0P6 | hsa-let-7f |
| RPLP0P6 | hsa-let-7g |
| RPLP0P6 | hsa-let-7i |
| RP11-112J1.1 | hsa-let-7i |
| RP11-561N12.5 | hsa-let-7a |
| RP11-561N12.5 | hsa-let-7b |
| RP11-561N12.5 | hsa-let-7d |
| RP11-561N12.5 | hsa-let-7e |
| RP11-561N12.5 | hsa-let-7f |
| RP11-561N12.5 | hsa-let-7g |
| RP11-561N12.5 | hsa-let-7i |
| ZNF337-AS1 | hsa-let-7a |
| ZNF337-AS1 | hsa-let-7b |
| ZNF337-AS1 | hsa-let-7d |
| ZNF337-AS1 | hsa-let-7e |
| ZNF337-AS1 | hsa-let-7f |
| ZNF337-AS1 | hsa-let-7g |
| ZNF337-AS1 | hsa-let-7i |
| KB-1683C8.1 | hsa-let-7d |
| ACTBP2 | hsa-let-7a |
| ACTBP2 | hsa-let-7b |
| ACTBP2 | hsa-let-7d |
| ACTBP2 | hsa-let-7e |
| ACTBP2 | hsa-let-7f |
| ACTBP2 | hsa-let-7g |
| ACTBP2 | hsa-let-7i |
| TMX2P1 | hsa-let-7d |
| RP11-12M9.4 | hsa-let-7a |
| RP11-12M9.4 | hsa-let-7b |
| RP11-12M9.4 | hsa-let-7d |
| RP11-12M9.4 | hsa-let-7f |
| RP11-12M9.4 | hsa-let-7g |
| RP11-12M9.4 | hsa-let-7i |
| CTD-2561J22.2 | hsa-let-7a |
| CTD-2561J22.2 | hsa-let-7b |
| CTD-2561J22.2 | hsa-let-7c |
| CTD-2561J22.2 | hsa-let-7e |
| CTD-2561J22.2 | hsa-let-7f |
| CTD-2561J22.2 | hsa-let-7g |
| CTD-2561J22.2 | hsa-let-7i |
| GNAQP1 | hsa-let-7a |
| GNAQP1 | hsa-let-7b |
| GNAQP1 | hsa-let-7d |
| GNAQP1 | hsa-let-7f |
| GNAQP1 | hsa-let-7g |
| GNAQP1 | hsa-let-7i |
| PAXIP1OS | hsa-let-7d |
| RP11-332P22.2 | hsa-let-7e |
| MEG3 | hsa-let-7a |
| MEG3 | hsa-let-7b |
| MEG3 | hsa-let-7d |
| MEG3 | hsa-let-7e |
| MEG3 | hsa-let-7f |
| MEG3 | hsa-let-7g |
| MEG3 | hsa-let-7i |
| TTC3P1 | hsa-let-7a |
| TTC3P1 | hsa-let-7f |
| DHRS4-AS1 | hsa-let-7a |
| DHRS4-AS1 | hsa-let-7b |
| DHRS4-AS1 | hsa-let-7f |
| DHRS4-AS1 | hsa-let-7g |
| DHRS4-AS1 | hsa-let-7i |
| MIR99AHG | hsa-let-7a |
| MIR99AHG | hsa-let-7b |
| MIR99AHG | hsa-let-7d |
| MIR99AHG | hsa-let-7e |
| MIR99AHG | hsa-let-7f |
| MIR99AHG | hsa-let-7g |
| MIR99AHG | hsa-let-7i |
| PSMA6P1 | hsa-let-7a |
| MCM3AP-AS1 | hsa-let-7a |
| MCM3AP-AS1 | hsa-let-7b |
| MCM3AP-AS1 | hsa-let-7d |
| MCM3AP-AS1 | hsa-let-7e |
| MCM3AP-AS1 | hsa-let-7f |
| MCM3AP-AS1 | hsa-let-7g |
| MCM3AP-AS1 | hsa-let-7i |
| RP5-890O15.3 | hsa-let-7d |
| RP1-142O9.2 | hsa-let-7a |
| RP1-142O9.2 | hsa-let-7b |
| RP1-142O9.2 | hsa-let-7d |
| RP1-142O9.2 | hsa-let-7f |
| RP1-142O9.2 | hsa-let-7g |
| RP1-142O9.2 | hsa-let-7i |
| NUFIP1P | hsa-let-7a |
| NUFIP1P | hsa-let-7b |
| NUFIP1P | hsa-let-7c |
| NUFIP1P | hsa-let-7d |
| NUFIP1P | hsa-let-7f |
| NUFIP1P | hsa-let-7g |
| NUFIP1P | hsa-let-7i |
| RPL23P8 | hsa-let-7b |
| RP11-95M15.2 | hsa-let-7d |
| RPL5P18 | hsa-let-7a |
| RPL5P18 | hsa-let-7b |
| RPL5P18 | hsa-let-7d |
| RPL5P18 | hsa-let-7e |
| RPL5P18 | hsa-let-7f |
| AC079354.3 | hsa-let-7d |
| RP11-545E17.3 | hsa-let-7a |
| RP11-545E17.3 | hsa-let-7b |
| RP11-545E17.3 | hsa-let-7e |
| RP11-545E17.3 | hsa-let-7f |
| RP11-545E17.3 | hsa-let-7g |
| RP11-545E17.3 | hsa-let-7i |
| NUTM2A-AS1 | hsa-let-7a |
| NUTM2A-AS1 | hsa-let-7b |
| NUTM2A-AS1 | hsa-let-7c |
| NUTM2A-AS1 | hsa-let-7d |
| NUTM2A-AS1 | hsa-let-7e |
| NUTM2A-AS1 | hsa-let-7f |
| NUTM2A-AS1 | hsa-let-7g |
| NUTM2A-AS1 | hsa-let-7i |
| AC063979.1 | hsa-let-7a |
| AC063979.1 | hsa-let-7b |
| AC063979.1 | hsa-let-7e |
| AC063979.1 | hsa-let-7f |
| AC063979.1 | hsa-let-7g |
| AC063979.1 | hsa-let-7i |
| RP11-54O7.3 | hsa-let-7g |
| RP11-74C1.2 | hsa-let-7a |
| RP11-74C1.2 | hsa-let-7b |
| RP11-74C1.2 | hsa-let-7f |
| RP11-74C1.2 | hsa-let-7g |
| RP11-74C1.2 | hsa-let-7i |
| AC002486.3 | hsa-let-7e |
| AFG3L1P | hsa-let-7a |
| AFG3L1P | hsa-let-7b |
| AFG3L1P | hsa-let-7c |
| AFG3L1P | hsa-let-7d |
| AFG3L1P | hsa-let-7e |
| AFG3L1P | hsa-let-7f |
| AFG3L1P | hsa-let-7g |
| AFG3L1P | hsa-let-7i |
| AC009948.5 | hsa-let-7e |
| RP11-75A9.3 | hsa-let-7a |
| RP11-75A9.3 | hsa-let-7b |
| RP11-75A9.3 | hsa-let-7d |
| RP11-75A9.3 | hsa-let-7e |
| RP11-75A9.3 | hsa-let-7f |
| RP11-75A9.3 | hsa-let-7g |
| RP11-75A9.3 | hsa-let-7i |
| SNHG14 | hsa-let-7a |
| SNHG14 | hsa-let-7b |
| SNHG14 | hsa-let-7d |
| SNHG14 | hsa-let-7e |
| SNHG14 | hsa-let-7f |
| SNHG14 | hsa-let-7g |
| SNHG14 | hsa-let-7i |
| INHBA-AS1 | hsa-let-7d |
| INHBA-AS1 | hsa-let-7e |
| DNAJC27-AS1 | hsa-let-7a |
| DNAJC27-AS1 | hsa-let-7b |
| DNAJC27-AS1 | hsa-let-7e |
| DNAJC27-AS1 | hsa-let-7f |
| DNAJC27-AS1 | hsa-let-7g |
| DNAJC27-AS1 | hsa-let-7i |
| VSTM2A-OT1 | hsa-let-7a |
| VSTM2A-OT1 | hsa-let-7b |
| VSTM2A-OT1 | hsa-let-7d |
| VSTM2A-OT1 | hsa-let-7e |
| VSTM2A-OT1 | hsa-let-7f |
| VSTM2A-OT1 | hsa-let-7g |
| VSTM2A-OT1 | hsa-let-7i |
| MSL3P1 | hsa-let-7a |
| MSL3P1 | hsa-let-7b |
| MSL3P1 | hsa-let-7e |
| MSL3P1 | hsa-let-7f |
| MSL3P1 | hsa-let-7g |
| MSL3P1 | hsa-let-7i |
| SVIL-AS1 | hsa-let-7g |
| SH3BP5-AS1 | hsa-let-7a |
| SH3BP5-AS1 | hsa-let-7b |
| SH3BP5-AS1 | hsa-let-7e |
| SH3BP5-AS1 | hsa-let-7f |
| SH3BP5-AS1 | hsa-let-7g |
| SH3BP5-AS1 | hsa-let-7i |
| PCOLCE-AS1 | hsa-let-7e |
| TIMM8BP2 | hsa-let-7i |
| INE1 | hsa-let-7e |
| RP11-228B15.4 | hsa-let-7a |
| RP11-228B15.4 | hsa-let-7b |
| RP11-228B15.4 | hsa-let-7e |
| RP11-228B15.4 | hsa-let-7f |
| RP11-228B15.4 | hsa-let-7g |
| RP11-228B15.4 | hsa-let-7i |
| RP11-361F15.2 | hsa-let-7e |
| CTD-2228K2.7 | hsa-let-7a |
| CTD-2228K2.7 | hsa-let-7b |
| CTD-2228K2.7 | hsa-let-7d |
| CTD-2228K2.7 | hsa-let-7e |
| CTD-2228K2.7 | hsa-let-7f |
| CTD-2228K2.7 | hsa-let-7g |
| CTD-2228K2.7 | hsa-let-7i |
| RP11-197M22.2 | hsa-let-7g |
| AP001055.6 | hsa-let-7a |
| AP001055.6 | hsa-let-7b |
| AP001055.6 | hsa-let-7d |
| AP001055.6 | hsa-let-7e |
| AP001055.6 | hsa-let-7f |
| AP001055.6 | hsa-let-7g |
| AP001055.6 | hsa-let-7i |
| RBMS1P1 | hsa-let-7a |
| RBMS1P1 | hsa-let-7b |
| RBMS1P1 | hsa-let-7d |
| RBMS1P1 | hsa-let-7f |
| RBMS1P1 | hsa-let-7g |
| RBMS1P1 | hsa-let-7i |
| RFPL1S | hsa-let-7a |
| RFPL1S | hsa-let-7b |
| RFPL1S | hsa-let-7e |
| RFPL1S | hsa-let-7f |
| RFPL1S | hsa-let-7g |
| RFPL1S | hsa-let-7i |
| NUTM2B-AS1 | hsa-let-7a |
| NUTM2B-AS1 | hsa-let-7b |
| NUTM2B-AS1 | hsa-let-7e |
| NUTM2B-AS1 | hsa-let-7f |
| NUTM2B-AS1 | hsa-let-7g |
| NUTM2B-AS1 | hsa-let-7i |
| STIP1P3 | hsa-let-7a |
| STIP1P3 | hsa-let-7b |
| STIP1P3 | hsa-let-7f |
| STIP1P3 | hsa-let-7g |
| STIP1P3 | hsa-let-7i |
| MTND2P28 | hsa-let-7a |
| MTND2P28 | hsa-let-7b |
| MTND2P28 | hsa-let-7d |
| MTND2P28 | hsa-let-7f |
| MTND2P28 | hsa-let-7g |
| MTND2P28 | hsa-let-7i |
| ATP5G2P1 | hsa-let-7a |
| ATP5G2P1 | hsa-let-7b |
| ATP5G2P1 | hsa-let-7e |
| ATP5G2P1 | hsa-let-7f |
| ATP5G2P1 | hsa-let-7g |
| ATP5G2P1 | hsa-let-7i |
| FGD5-AS1 | hsa-let-7a |
| FGD5-AS1 | hsa-let-7b |
| FGD5-AS1 | hsa-let-7d |
| FGD5-AS1 | hsa-let-7e |
| FGD5-AS1 | hsa-let-7f |
| FGD5-AS1 | hsa-let-7g |
| FGD5-AS1 | hsa-let-7i |
| SNHG23 | hsa-let-7a |
| SNHG23 | hsa-let-7b |
| SNHG23 | hsa-let-7d |
| SNHG23 | hsa-let-7f |
| SNHG23 | hsa-let-7g |
| SNHG23 | hsa-let-7i |
| TRAM2-AS1 | hsa-let-7a |
| TRAM2-AS1 | hsa-let-7b |
| TRAM2-AS1 | hsa-let-7e |
| TRAM2-AS1 | hsa-let-7f |
| TRAM2-AS1 | hsa-let-7g |
| TRAM2-AS1 | hsa-let-7i |
| RP4-798A10.2 | hsa-let-7a |
| SLC25A39P1 | hsa-let-7e |
| SMARCE1P2 | hsa-let-7g |
| RPS14P3 | hsa-let-7a |
| RPS14P3 | hsa-let-7b |
| RPS14P3 | hsa-let-7f |
| RPS14P3 | hsa-let-7g |
| RPS14P3 | hsa-let-7i |
| UPF3AP1 | hsa-let-7a |
| UPF3AP1 | hsa-let-7b |
| UPF3AP1 | hsa-let-7d |
| UPF3AP1 | hsa-let-7f |
| UPF3AP1 | hsa-let-7g |
| UPF3AP1 | hsa-let-7i |
| GAPDHP73 | hsa-let-7a |
| GAPDHP73 | hsa-let-7b |
| GAPDHP73 | hsa-let-7f |
| GAPDHP73 | hsa-let-7g |
| GAPDHP73 | hsa-let-7i |
| FTLP3 | hsa-let-7a |
| FTLP3 | hsa-let-7b |
| FTLP3 | hsa-let-7d |
| FTLP3 | hsa-let-7e |
| FTLP3 | hsa-let-7f |
| FTLP3 | hsa-let-7g |
| FTLP3 | hsa-let-7i |
| HSPA9P1 | hsa-let-7b |
| SMCR5 | hsa-let-7g |
| TLK1P1 | hsa-let-7a |
| TLK1P1 | hsa-let-7b |
| TLK1P1 | hsa-let-7d |
| TLK1P1 | hsa-let-7f |
| TLK1P1 | hsa-let-7g |
| TLK1P1 | hsa-let-7i |
| DANCR | hsa-let-7a |
| DANCR | hsa-let-7b |
| DANCR | hsa-let-7e |
| DANCR | hsa-let-7f |
| DANCR | hsa-let-7g |
| DANCR | hsa-let-7i |
| RP11-82H13.2 | hsa-let-7a |
| RP11-82H13.2 | hsa-let-7b |
| RP11-82H13.2 | hsa-let-7d |
| RP11-82H13.2 | hsa-let-7e |
| RP11-82H13.2 | hsa-let-7f |
| RP11-82H13.2 | hsa-let-7g |
| RP11-82H13.2 | hsa-let-7i |
| RP11-234N17.1 | hsa-let-7i |
| MIR663AHG | hsa-let-7i |
| MIR3916 | hsa-let-7a |
| MIR3916 | hsa-let-7b |
| MIR3916 | hsa-let-7e |
| MIR3916 | hsa-let-7f |
| MIR3916 | hsa-let-7g |
| MIR3916 | hsa-let-7i |
| LINC00355 | hsa-let-7a |
| LINC00355 | hsa-let-7b |
| LINC00355 | hsa-let-7d |
| LINC00355 | hsa-let-7f |
| LINC00355 | hsa-let-7g |
| LINC00355 | hsa-let-7i |
| HCG11 | hsa-let-7a |
| HCG11 | hsa-let-7b |
| HCG11 | hsa-let-7f |
| SPCS2P4 | hsa-let-7a |
| SPCS2P4 | hsa-let-7b |
| SPCS2P4 | hsa-let-7e |
| SPCS2P4 | hsa-let-7f |
| SPCS2P4 | hsa-let-7g |
| SPCS2P4 | hsa-let-7i |
| MTND4P1 | hsa-let-7a |
| MTND4P1 | hsa-let-7b |
| MTND4P1 | hsa-let-7f |
| MTND4P1 | hsa-let-7g |
| MTND4P1 | hsa-let-7i |
| RASA4CP | hsa-let-7a |
| RASA4CP | hsa-let-7b |
| RASA4CP | hsa-let-7d |
| RASA4CP | hsa-let-7f |
| RASA4CP | hsa-let-7g |
| RASA4CP | hsa-let-7i |
| SATB1-AS1 | hsa-let-7a |
| SATB1-AS1 | hsa-let-7b |
| SATB1-AS1 | hsa-let-7f |
| SATB1-AS1 | hsa-let-7g |
| SATB1-AS1 | hsa-let-7i |
| RP11-286B14.1 | hsa-let-7a |
| RP11-286B14.1 | hsa-let-7b |
| RP11-286B14.1 | hsa-let-7f |
| RP11-286B14.1 | hsa-let-7g |
| RP11-286B14.1 | hsa-let-7i |
| LINC01277 | hsa-let-7a |
| LINC01277 | hsa-let-7b |
| LINC01277 | hsa-let-7d |
| LINC01277 | hsa-let-7e |
| LINC01277 | hsa-let-7f |
| LINC01277 | hsa-let-7g |
| LINC01277 | hsa-let-7i |
| VDAC1P8 | hsa-let-7a |
| VDAC1P8 | hsa-let-7b |
| VDAC1P8 | hsa-let-7e |
| VDAC1P8 | hsa-let-7f |
| VDAC1P8 | hsa-let-7g |
| VDAC1P8 | hsa-let-7i |
| LINC00710 | hsa-let-7g |
| RPL4P4 | hsa-let-7a |
| RPL4P4 | hsa-let-7b |
| RPL4P4 | hsa-let-7f |
| RPL4P4 | hsa-let-7g |
| RPL4P4 | hsa-let-7i |
| XIST | hsa-let-7a |
| XIST | hsa-let-7b |
| XIST | hsa-let-7c |
| XIST | hsa-let-7d |
| XIST | hsa-let-7e |
| XIST | hsa-let-7f |
| XIST | hsa-let-7g |
| XIST | hsa-let-7i |
| MIR181A1HG | hsa-let-7d |
| RP5-1112D6.4 | hsa-let-7d |
| RPL4P5 | hsa-let-7i |
| LRRC37A6P | hsa-let-7a |
| LRRC37A6P | hsa-let-7b |
| LRRC37A6P | hsa-let-7f |
| LRRC37A6P | hsa-let-7g |
| LRRC37A6P | hsa-let-7i |
| U73166.2 | hsa-let-7a |
| U73166.2 | hsa-let-7b |
| U73166.2 | hsa-let-7e |
| U73166.2 | hsa-let-7f |
| U73166.2 | hsa-let-7g |
| U73166.2 | hsa-let-7i |
| CTB-89H12.4 | hsa-let-7a |
| CTB-89H12.4 | hsa-let-7b |
| CTB-89H12.4 | hsa-let-7d |
| CTB-89H12.4 | hsa-let-7e |
| CTB-89H12.4 | hsa-let-7f |
| CTB-89H12.4 | hsa-let-7g |
| CTB-89H12.4 | hsa-let-7i |
| FTX | hsa-let-7a |
| FTX | hsa-let-7b |
| FTX | hsa-let-7d |
| FTX | hsa-let-7e |
| FTX | hsa-let-7f |
| FTX | hsa-let-7g |
| FTX | hsa-let-7i |
| PSAT1P3 | hsa-let-7a |
| PSAT1P3 | hsa-let-7b |
| PSAT1P3 | hsa-let-7e |
| PSAT1P3 | hsa-let-7f |
| PSAT1P3 | hsa-let-7g |
| PSAT1P3 | hsa-let-7i |
| RPS18P12 | hsa-let-7a |
| RPS18P12 | hsa-let-7b |
| RPS18P12 | hsa-let-7e |
| RPS18P12 | hsa-let-7f |
| RPS18P12 | hsa-let-7g |
| RPS18P12 | hsa-let-7i |
| RP11-175O19.4 | hsa-let-7a |
| RP11-175O19.4 | hsa-let-7b |
| RP11-175O19.4 | hsa-let-7d |
| RP11-175O19.4 | hsa-let-7f |
| RP11-175O19.4 | hsa-let-7g |
| RP11-175O19.4 | hsa-let-7i |
| RP11-263K19.4 | hsa-let-7a |
| RP11-263K19.4 | hsa-let-7b |
| RP11-263K19.4 | hsa-let-7e |
| RP11-263K19.4 | hsa-let-7f |
| RP11-263K19.4 | hsa-let-7g |
| RP11-263K19.4 | hsa-let-7i |
| HCG18 | hsa-let-7a |
| HCG18 | hsa-let-7f |
| HCG18 | hsa-let-7g |
| RP11-463J7.2 | hsa-let-7d |
| AC007246.3 | hsa-let-7a |
| AC007246.3 | hsa-let-7b |
| AC007246.3 | hsa-let-7e |
| AC007246.3 | hsa-let-7f |
| AC007246.3 | hsa-let-7g |
| AC007246.3 | hsa-let-7i |
| RP3-426I6.2 | hsa-let-7e |
| LINC00441 | hsa-let-7d |
| MTND4LP1 | hsa-let-7d |
| DLX6-AS1 | hsa-let-7a |
| DLX6-AS1 | hsa-let-7b |
| DLX6-AS1 | hsa-let-7f |
| DLX6-AS1 | hsa-let-7g |
| DLX6-AS1 | hsa-let-7i |
| RP11-216N14.5 | hsa-let-7d |
| SIK3-IT1 | hsa-let-7f |
| LINC01105 | hsa-let-7d |
| ACTR3P2 | hsa-let-7d |
| ST3GAL5-AS1 | hsa-let-7a |
| ST3GAL5-AS1 | hsa-let-7b |
| ST3GAL5-AS1 | hsa-let-7d |
| ST3GAL5-AS1 | hsa-let-7e |
| ST3GAL5-AS1 | hsa-let-7f |
| ST3GAL5-AS1 | hsa-let-7g |
| ST3GAL5-AS1 | hsa-let-7i |
| RPL3P4 | hsa-let-7a |
| RPL3P4 | hsa-let-7b |
| RPL3P4 | hsa-let-7f |
| RPL3P4 | hsa-let-7g |
| RPL3P4 | hsa-let-7i |
| YWHAEP1 | hsa-let-7a |
| YWHAEP1 | hsa-let-7b |
| YWHAEP1 | hsa-let-7f |
| YWHAEP1 | hsa-let-7g |
| YWHAEP1 | hsa-let-7i |
| LINC00472 | hsa-let-7a |
| LINC00472 | hsa-let-7b |
| LINC00472 | hsa-let-7e |
| LINC00472 | hsa-let-7f |
| LINC00472 | hsa-let-7g |
| LINC00472 | hsa-let-7i |
| EIF3FP3 | hsa-let-7g |
| HOTAIRM1 | hsa-let-7g |
| HNRNPLP1 | hsa-let-7i |
| SLC26A4-AS1 | hsa-let-7a |
| SLC26A4-AS1 | hsa-let-7b |
| SLC26A4-AS1 | hsa-let-7d |
| SLC26A4-AS1 | hsa-let-7e |
| SLC26A4-AS1 | hsa-let-7f |
| SLC26A4-AS1 | hsa-let-7g |
| SLC26A4-AS1 | hsa-let-7i |
| RP11-389O22.4 | hsa-let-7a |
| RP11-389O22.4 | hsa-let-7b |
| RP11-389O22.4 | hsa-let-7d |
| RP11-389O22.4 | hsa-let-7e |
| RP11-389O22.4 | hsa-let-7f |
| RP11-389O22.4 | hsa-let-7g |
| RP11-389O22.4 | hsa-let-7i |
| TTTY15 | hsa-let-7a |
| TTTY15 | hsa-let-7b |
| TTTY15 | hsa-let-7c |
| TTTY15 | hsa-let-7d |
| TTTY15 | hsa-let-7e |
| TTTY15 | hsa-let-7f |
| TTTY15 | hsa-let-7g |
| TTTY15 | hsa-let-7i |
| RPL5P34 | hsa-let-7a |
| RPL5P34 | hsa-let-7b |
| RPL5P34 | hsa-let-7d |
| RPL5P34 | hsa-let-7e |
| RPL5P34 | hsa-let-7f |
| AC074117.10 | hsa-let-7a |
| AC074117.10 | hsa-let-7b |
| AC074117.10 | hsa-let-7d |
| AC074117.10 | hsa-let-7e |
| AC074117.10 | hsa-let-7f |
| AC074117.10 | hsa-let-7g |
| AC074117.10 | hsa-let-7i |
| AC116366.6 | hsa-let-7a |
| AC116366.6 | hsa-let-7b |
| AC116366.6 | hsa-let-7f |
| AC116366.6 | hsa-let-7g |
| AC116366.6 | hsa-let-7i |
| RNF219-AS1 | hsa-let-7e |
| LINC01426 | hsa-let-7g |
| ZNF37BP | hsa-let-7a |
| ZNF37BP | hsa-let-7b |
| ZNF37BP | hsa-let-7e |
| ZNF37BP | hsa-let-7f |
| ZNF37BP | hsa-let-7g |
| ZNF37BP | hsa-let-7i |
| MAGI2-AS3 | hsa-let-7a |
| MAGI2-AS3 | hsa-let-7b |
| MAGI2-AS3 | hsa-let-7d |
| MAGI2-AS3 | hsa-let-7f |
| MAGI2-AS3 | hsa-let-7g |
| MAGI2-AS3 | hsa-let-7i |
| API5P1 | hsa-let-7e |
| API5P1 | hsa-let-7g |
| AL162151.3 | hsa-let-7i |
| GAS5 | hsa-let-7a |
| GAS5 | hsa-let-7b |
| GAS5 | hsa-let-7e |
| GAS5 | hsa-let-7f |
| GAS5 | hsa-let-7g |
| GAS5 | hsa-let-7i |
| RP3-400B16.1 | hsa-let-7a |
| RP3-400B16.1 | hsa-let-7b |
| RP3-400B16.1 | hsa-let-7d |
| RP3-400B16.1 | hsa-let-7e |
| RP3-400B16.1 | hsa-let-7f |
| XXbac-B476C20.13 | hsa-let-7a |
| XXbac-B476C20.13 | hsa-let-7b |
| XXbac-B476C20.13 | hsa-let-7e |
| XXbac-B476C20.13 | hsa-let-7f |
| XXbac-B476C20.13 | hsa-let-7g |
| XXbac-B476C20.13 | hsa-let-7i |
| PVRIG2P | hsa-let-7a |
| PVRIG2P | hsa-let-7b |
| PVRIG2P | hsa-let-7d |
| PVRIG2P | hsa-let-7e |
| PVRIG2P | hsa-let-7f |
| PVRIG2P | hsa-let-7g |
| PVRIG2P | hsa-let-7i |
| SNORA71B | hsa-let-7a |
| SNORA71B | hsa-let-7b |
| SNORA71B | hsa-let-7d |
| SNORA71B | hsa-let-7e |
| SNORA71B | hsa-let-7f |
| SNORA71B | hsa-let-7g |
| SNORA71B | hsa-let-7i |
| RP11-282O18.3 | hsa-let-7a |
| RP11-282O18.3 | hsa-let-7b |
| RP11-282O18.3 | hsa-let-7f |
| LINC01278 | hsa-let-7a |
| LINC01278 | hsa-let-7b |
| LINC01278 | hsa-let-7e |
| LINC01278 | hsa-let-7f |
| LINC01278 | hsa-let-7g |
| LINC01278 | hsa-let-7i |
| RP1-101G11.2 | hsa-let-7a |
| RP1-101G11.2 | hsa-let-7b |
| RP1-101G11.2 | hsa-let-7f |
| RP1-101G11.2 | hsa-let-7g |
| RP1-101G11.2 | hsa-let-7i |
| GAPDHP65 | hsa-let-7a |
| GAPDHP65 | hsa-let-7b |
| GAPDHP65 | hsa-let-7f |
| GAPDHP65 | hsa-let-7g |
| GAPDHP65 | hsa-let-7i |
| LINC01102 | hsa-let-7a |
| LINC01102 | hsa-let-7b |
| LINC01102 | hsa-let-7d |
| LINC01102 | hsa-let-7e |
| LINC01102 | hsa-let-7f |
| LINC01102 | hsa-let-7g |
| LINC01102 | hsa-let-7i |
| RP5-827C21.1 | hsa-let-7g |
| RP11-545I5.3 | hsa-let-7d |
| AC004593.3 | hsa-let-7a |
| AC004593.3 | hsa-let-7b |
| AC004593.3 | hsa-let-7d |
| AC004593.3 | hsa-let-7e |
| AC004593.3 | hsa-let-7f |
| AC004593.3 | hsa-let-7g |
| AC004593.3 | hsa-let-7i |
| AC124997.1 | hsa-let-7a |
| AC124997.1 | hsa-let-7b |
| AC124997.1 | hsa-let-7e |
| AC124997.1 | hsa-let-7f |
| AC124997.1 | hsa-let-7g |
| AC124997.1 | hsa-let-7i |
| LINC00263 | hsa-let-7a |
| LINC00263 | hsa-let-7b |
| LINC00263 | hsa-let-7e |
| LINC00263 | hsa-let-7f |
| LINC00263 | hsa-let-7g |
| LINC00263 | hsa-let-7i |
| ACTG1P4 | hsa-let-7a |
| ACTG1P4 | hsa-let-7b |
| ACTG1P4 | hsa-let-7e |
| ACTG1P4 | hsa-let-7f |
| ACTG1P4 | hsa-let-7g |
| ACTG1P4 | hsa-let-7i |
| AC104389.32 | hsa-let-7d |
| AC009404.2 | hsa-let-7a |
| AC009404.2 | hsa-let-7b |
| AC009404.2 | hsa-let-7d |
| AC009404.2 | hsa-let-7e |
| AC009404.2 | hsa-let-7f |
| AC009404.2 | hsa-let-7g |
| AC009404.2 | hsa-let-7i |
| PITPNA-AS1 | hsa-let-7a |
| PITPNA-AS1 | hsa-let-7b |
| PITPNA-AS1 | hsa-let-7c |
| PITPNA-AS1 | hsa-let-7d |
| PITPNA-AS1 | hsa-let-7e |
| PITPNA-AS1 | hsa-let-7f |
| PITPNA-AS1 | hsa-let-7g |
| PITPNA-AS1 | hsa-let-7i |
| EIF1AXP1 | hsa-let-7a |
| EIF1AXP1 | hsa-let-7b |
| EIF1AXP1 | hsa-let-7d |
| EIF1AXP1 | hsa-let-7e |
| EIF1AXP1 | hsa-let-7f |
| EIF1AXP1 | hsa-let-7g |
| EIF1AXP1 | hsa-let-7i |
| NIFK-AS1 | hsa-let-7f |
| MIR600HG | hsa-let-7d |
| AL591704.5 | hsa-let-7a |
| AL591704.5 | hsa-let-7b |
| AL591704.5 | hsa-let-7d |
| AL591704.5 | hsa-let-7f |
| AL591704.5 | hsa-let-7g |
| AL591704.5 | hsa-let-7i |
| FTH1P11 | hsa-let-7g |
| TTN-AS1 | hsa-let-7a |
| TTN-AS1 | hsa-let-7b |
| TTN-AS1 | hsa-let-7c |
| TTN-AS1 | hsa-let-7f |
| TTN-AS1 | hsa-let-7g |
| TTN-AS1 | hsa-let-7i |
| SRRM1P3 | hsa-let-7e |
| RP3-514P16.1 | hsa-let-7g |
| RP1-146A15.1 | hsa-let-7d |
| RP11-331F4.4 | hsa-let-7a |
| RP11-331F4.4 | hsa-let-7b |
| RP11-331F4.4 | hsa-let-7f |
| RP11-331F4.4 | hsa-let-7g |
| RP11-331F4.4 | hsa-let-7i |
| RP11-768G7.1 | hsa-let-7d |
| RP1-228P16.1 | hsa-let-7a |
| RP1-228P16.1 | hsa-let-7b |
| RP1-228P16.1 | hsa-let-7f |
| MTATP8P1 | hsa-let-7a |
| MTATP8P1 | hsa-let-7b |
| MTATP8P1 | hsa-let-7d |
| MTATP8P1 | hsa-let-7e |
| MTATP8P1 | hsa-let-7f |
| MTATP8P1 | hsa-let-7g |
| MTATP8P1 | hsa-let-7i |
| RPS19P3 | hsa-let-7a |
| RPS19P3 | hsa-let-7b |
| RPS19P3 | hsa-let-7d |
| RPS19P3 | hsa-let-7f |
| RPS19P3 | hsa-let-7g |
| RPS19P3 | hsa-let-7i |
| HSPA8P9 | hsa-let-7d |
| RP11-6F2.5 | hsa-let-7i |
| PRR34-AS1 | hsa-let-7g |
| LINC00969 | hsa-let-7i |
| AC090602.2 | hsa-let-7a |
| AC090602.2 | hsa-let-7b |
| AC090602.2 | hsa-let-7f |
| AC090602.2 | hsa-let-7g |
| AC090602.2 | hsa-let-7i |
| SNHG3 | hsa-let-7g |
| RP4-576H24.2 | hsa-let-7d |
| FAM91A3P | hsa-let-7a |
| FAM91A3P | hsa-let-7b |
| FAM91A3P | hsa-let-7d |
| FAM91A3P | hsa-let-7f |
| FAM91A3P | hsa-let-7g |
| FAM91A3P | hsa-let-7i |
| RP11-54O7.14 | hsa-let-7d |
| CTC-359D24.3 | hsa-let-7a |
| CTC-359D24.3 | hsa-let-7b |
| CTC-359D24.3 | hsa-let-7d |
| CTC-359D24.3 | hsa-let-7e |
| CTC-359D24.3 | hsa-let-7f |
| CTC-359D24.3 | hsa-let-7g |
| CTC-359D24.3 | hsa-let-7i |
| LINC00882 | hsa-let-7a |
| LINC00882 | hsa-let-7b |
| LINC00882 | hsa-let-7e |
| LINC00882 | hsa-let-7f |
| LINC00882 | hsa-let-7g |
| LINC00882 | hsa-let-7i |
| RPL7P16 | hsa-let-7g |
| RP11-392E22.3 | hsa-let-7a |
| RP11-392E22.3 | hsa-let-7d |
| RP11-392E22.3 | hsa-let-7e |
| RP11-392E22.3 | hsa-let-7f |
| AC004967.7 | hsa-let-7g |
| RPL5P17 | hsa-let-7i |
| RP11-552M11.4 | hsa-let-7d |
| GATA2-AS1 | hsa-let-7i |
| RPL7P23 | hsa-let-7g |
| AC096772.6 | hsa-let-7d |
| CTD-2540L5.6 | hsa-let-7g |
| LINC00461 | hsa-let-7d |
| NEAT1 | hsa-let-7a |
| NEAT1 | hsa-let-7b |
| NEAT1 | hsa-let-7d |
| NEAT1 | hsa-let-7e |
| NEAT1 | hsa-let-7f |
| NEAT1 | hsa-let-7g |
| NEAT1 | hsa-let-7i |
| RP11-175K6.1 | hsa-let-7a |
| RP11-175K6.1 | hsa-let-7b |
| RP11-175K6.1 | hsa-let-7d |
| RP11-175K6.1 | hsa-let-7e |
| RP11-175K6.1 | hsa-let-7f |
| RP11-175K6.1 | hsa-let-7g |
| RP11-175K6.1 | hsa-let-7i |
| SNHG6 | hsa-let-7a |
| SNHG6 | hsa-let-7b |
| SNHG6 | hsa-let-7d |
| SNHG6 | hsa-let-7e |
| SNHG6 | hsa-let-7f |
| SNHG6 | hsa-let-7g |
| SNHG6 | hsa-let-7i |
| RP11-33B1.1 | hsa-let-7a |
| RP11-33B1.1 | hsa-let-7b |
| RP11-33B1.1 | hsa-let-7f |
| RP11-33B1.1 | hsa-let-7g |
| RP11-33B1.1 | hsa-let-7i |
| NUDT16P1 | hsa-let-7g |
| RP11-29H23.5 | hsa-let-7e |
| MGC16275 | hsa-let-7a |
| MGC16275 | hsa-let-7b |
| MGC16275 | hsa-let-7d |
| MGC16275 | hsa-let-7e |
| MGC16275 | hsa-let-7f |
| MGC16275 | hsa-let-7g |
| MGC16275 | hsa-let-7i |
| UBL7-AS1 | hsa-let-7a |
| UBL7-AS1 | hsa-let-7b |
| UBL7-AS1 | hsa-let-7d |
| UBL7-AS1 | hsa-let-7e |
| UBL7-AS1 | hsa-let-7f |
| UBL7-AS1 | hsa-let-7g |
| UBL7-AS1 | hsa-let-7i |
| OIP5-AS1 | hsa-let-7a |
| OIP5-AS1 | hsa-let-7b |
| OIP5-AS1 | hsa-let-7d |
| OIP5-AS1 | hsa-let-7e |
| OIP5-AS1 | hsa-let-7f |
| OIP5-AS1 | hsa-let-7g |
| OIP5-AS1 | hsa-let-7i |
| CKMT2-AS1 | hsa-let-7g |
| MTND4P12 | hsa-let-7a |
| MTND4P12 | hsa-let-7b |
| MTND4P12 | hsa-let-7d |
| MTND4P12 | hsa-let-7e |
| MTND4P12 | hsa-let-7f |
| MTND4P12 | hsa-let-7g |
| MTND4P12 | hsa-let-7i |
| TMEM161B-AS1 | hsa-let-7i |
| CCAT1 | hsa-let-7a |
| CCAT1 | hsa-let-7b |
| CCAT1 | hsa-let-7d |
| CCAT1 | hsa-let-7e |
| CCAT1 | hsa-let-7f |
| CCAT1 | hsa-let-7g |
| CCAT1 | hsa-let-7i |
| NNT-AS1 | hsa-let-7a |
| NNT-AS1 | hsa-let-7b |
| NNT-AS1 | hsa-let-7f |
| NNT-AS1 | hsa-let-7g |
| NNT-AS1 | hsa-let-7i |
| SBF1P1 | hsa-let-7a |
| SBF1P1 | hsa-let-7b |
| SBF1P1 | hsa-let-7e |
| SBF1P1 | hsa-let-7f |
| SBF1P1 | hsa-let-7g |
| SBF1P1 | hsa-let-7i |
| MTATP6P1 | hsa-let-7a |
| MTATP6P1 | hsa-let-7b |
| MTATP6P1 | hsa-let-7f |
| MTATP6P1 | hsa-let-7g |
| MTATP6P1 | hsa-let-7i |
| CRSP8P | hsa-let-7a |
| CRSP8P | hsa-let-7b |
| CRSP8P | hsa-let-7f |
| CRSP8P | hsa-let-7g |
| CRSP8P | hsa-let-7i |
| GAPDHP40 | hsa-let-7a |
| GAPDHP40 | hsa-let-7b |
| GAPDHP40 | hsa-let-7f |
| GAPDHP40 | hsa-let-7g |
| GAPDHP40 | hsa-let-7i |
| ARHGAP22-IT1 | hsa-let-7a |
| ARHGAP22-IT1 | hsa-let-7b |
| ARHGAP22-IT1 | hsa-let-7e |
| ARHGAP22-IT1 | hsa-let-7f |
| ARHGAP22-IT1 | hsa-let-7g |
| ARHGAP22-IT1 | hsa-let-7i |
| HNRNPH1P3 | hsa-let-7a |
| HNRNPH1P3 | hsa-let-7b |
| HNRNPH1P3 | hsa-let-7e |
| HNRNPH1P3 | hsa-let-7f |
| HNRNPH1P3 | hsa-let-7g |
| HNRNPH1P3 | hsa-let-7i |
| MTND5P11 | hsa-let-7a |
| MTND5P11 | hsa-let-7b |
| MTND5P11 | hsa-let-7d |
| MTND5P11 | hsa-let-7e |
| MTND5P11 | hsa-let-7f |
| MTND5P11 | hsa-let-7g |
| MTND5P11 | hsa-let-7i |
| RP11-298J20.4 | hsa-let-7d |
| CTD-2541M15.1 | hsa-let-7a |
| CTD-2541M15.1 | hsa-let-7b |
| CTD-2541M15.1 | hsa-let-7e |
| CTD-2541M15.1 | hsa-let-7f |
| CTD-2541M15.1 | hsa-let-7g |
| CTD-2541M15.1 | hsa-let-7i |
| RP11-80H5.5 | hsa-let-7i |
| RP11-348J24.2 | hsa-let-7a |
| RP11-348J24.2 | hsa-let-7b |
| RP11-348J24.2 | hsa-let-7e |
| RP11-348J24.2 | hsa-let-7f |
| RP11-348J24.2 | hsa-let-7g |
| RP11-348J24.2 | hsa-let-7i |
| MTND5P13 | hsa-let-7a |
| MTND5P13 | hsa-let-7b |
| MTND5P13 | hsa-let-7f |
| MTND5P13 | hsa-let-7g |
| MTND5P13 | hsa-let-7i |
| MRPS31P4 | hsa-let-7a |
| MRPS31P4 | hsa-let-7b |
| MRPS31P4 | hsa-let-7d |
| MRPS31P4 | hsa-let-7e |
| MRPS31P4 | hsa-let-7f |
| MRPS31P4 | hsa-let-7g |
| MRPS31P4 | hsa-let-7i |
| RP11-333E13.2 | hsa-let-7g |
| PRSS3P1 | hsa-let-7a |
| PRSS3P1 | hsa-let-7b |
| PRSS3P1 | hsa-let-7d |
| PRSS3P1 | hsa-let-7f |
| PRSS3P1 | hsa-let-7g |
| PRSS3P1 | hsa-let-7i |
| RP11-834C11.4 | hsa-let-7a |
| RP11-834C11.4 | hsa-let-7b |
| RP11-834C11.4 | hsa-let-7d |
| RP11-834C11.4 | hsa-let-7e |
| RP11-834C11.4 | hsa-let-7f |
| RP11-834C11.4 | hsa-let-7g |
| RP11-834C11.4 | hsa-let-7i |
| RP4-785G19.5 | hsa-let-7d |
| RP11-549J18.1 | hsa-let-7e |
| RP11-37B2.1 | hsa-let-7a |
| RP11-37B2.1 | hsa-let-7b |
| RP11-37B2.1 | hsa-let-7e |
| RP11-37B2.1 | hsa-let-7f |
| RP11-37B2.1 | hsa-let-7g |
| RP11-37B2.1 | hsa-let-7i |
| MTND5P12 | hsa-let-7a |
| MTND5P12 | hsa-let-7b |
| MTND5P12 | hsa-let-7e |
| MTND5P12 | hsa-let-7f |
| MTND5P12 | hsa-let-7g |
| MTND5P12 | hsa-let-7i |
| MALAT1 | hsa-let-7a |
| MALAT1 | hsa-let-7b |
| MALAT1 | hsa-let-7d |
| MALAT1 | hsa-let-7e |
| MALAT1 | hsa-let-7f |
| MALAT1 | hsa-let-7g |
| MALAT1 | hsa-let-7i |
| ALG3P1 | hsa-let-7d |
| AC084082.3 | hsa-let-7a |
| AC084082.3 | hsa-let-7b |
| AC084082.3 | hsa-let-7f |
| AC084082.3 | hsa-let-7g |
| AC084082.3 | hsa-let-7i |
| TUG1 | hsa-let-7a |
| TUG1 | hsa-let-7b |
| TUG1 | hsa-let-7d |
| TUG1 | hsa-let-7e |
| TUG1 | hsa-let-7f |
| TUG1 | hsa-let-7g |
| TUG1 | hsa-let-7i |
| RP11-723D22.2 | hsa-let-7d |
| TAGLN2P1 | hsa-let-7d |
| OTUD6B-AS1 | hsa-let-7g |
| CTC-308K20.3 | hsa-let-7d |
| CTC-308K20.3 | hsa-let-7e |
| LINC01485 | hsa-let-7d |
| CTB-131B5.5 | hsa-let-7a |
| CTB-131B5.5 | hsa-let-7b |
| CTB-131B5.5 | hsa-let-7f |
| CTB-131B5.5 | hsa-let-7g |
| CTB-131B5.5 | hsa-let-7i |
| MIR124-2HG | hsa-let-7a |
| MIR124-2HG | hsa-let-7b |
| MIR124-2HG | hsa-let-7d |
| MIR124-2HG | hsa-let-7e |
| MIR124-2HG | hsa-let-7f |
| MIR124-2HG | hsa-let-7g |
| MIR124-2HG | hsa-let-7i |
| SF3A3P2 | hsa-let-7a |
| SF3A3P2 | hsa-let-7b |
| SF3A3P2 | hsa-let-7d |
| SF3A3P2 | hsa-let-7f |
| SF3A3P2 | hsa-let-7g |
| SF3A3P2 | hsa-let-7i |
| AP001372.2 | hsa-let-7a |
| AP001372.2 | hsa-let-7b |
| AP001372.2 | hsa-let-7e |
| AP001372.2 | hsa-let-7f |
| AP001372.2 | hsa-let-7g |
| AP001372.2 | hsa-let-7i |
| RP11-466P24.2 | hsa-let-7g |
| RP11-23J9.4 | hsa-let-7a |
| RP11-23J9.4 | hsa-let-7b |
| RP11-23J9.4 | hsa-let-7d |
| RP11-23J9.4 | hsa-let-7e |
| RP11-23J9.4 | hsa-let-7f |
| RP11-23J9.4 | hsa-let-7g |
| RP11-23J9.4 | hsa-let-7i |
| RP11-745I13.1 | hsa-let-7a |
| RP11-745I13.1 | hsa-let-7b |
| RP11-745I13.1 | hsa-let-7e |
| RP11-745I13.1 | hsa-let-7f |
| RP11-745I13.1 | hsa-let-7g |
| RP11-745I13.1 | hsa-let-7i |
| AF131215.2 | hsa-let-7f |
| AF131215.2 | hsa-let-7g |
| SNHG1 | hsa-let-7a |
| SNHG1 | hsa-let-7b |
| SNHG1 | hsa-let-7d |
| SNHG1 | hsa-let-7f |
| SNHG1 | hsa-let-7g |
| SNHG1 | hsa-let-7i |
| RMST | hsa-let-7a |
| RMST | hsa-let-7b |
| RMST | hsa-let-7d |
| RMST | hsa-let-7e |
| RMST | hsa-let-7f |
| RMST | hsa-let-7g |
| RMST | hsa-let-7i |
| PXN-AS1 | hsa-let-7a |
| PXN-AS1 | hsa-let-7b |
| PXN-AS1 | hsa-let-7e |
| PXN-AS1 | hsa-let-7f |
| PXN-AS1 | hsa-let-7g |
| PXN-AS1 | hsa-let-7i |
| RP11-785H5.1 | hsa-let-7a |
| RP11-785H5.1 | hsa-let-7b |
| RP11-785H5.1 | hsa-let-7c |
| RP11-785H5.1 | hsa-let-7d |
| RP11-785H5.1 | hsa-let-7e |
| RP11-785H5.1 | hsa-let-7f |
| RP11-785H5.1 | hsa-let-7g |
| RP11-785H5.1 | hsa-let-7i |
| C17orf100 | hsa-let-7a |
| C17orf100 | hsa-let-7b |
| C17orf100 | hsa-let-7f |
| C17orf100 | hsa-let-7g |
| C17orf100 | hsa-let-7i |
| RP11-21A7A.2 | hsa-let-7d |
| RP11-268P4.4 | hsa-let-7a |
| RP11-268P4.4 | hsa-let-7b |
| RP11-268P4.4 | hsa-let-7e |
| RP11-268P4.4 | hsa-let-7f |
| RP11-268P4.4 | hsa-let-7g |
| RP11-268P4.4 | hsa-let-7i |
| RP11-1K3.1 | hsa-let-7d |
| FAHD2P1 | hsa-let-7g |
| RP11-203J24.9 | hsa-let-7g |
| RP11-1103G16.1 | hsa-let-7a |
| RP11-1103G16.1 | hsa-let-7b |
| RP11-1103G16.1 | hsa-let-7c |
| RP11-1103G16.1 | hsa-let-7d |
| RP11-1103G16.1 | hsa-let-7e |
| RP11-1103G16.1 | hsa-let-7f |
| RP11-1103G16.1 | hsa-let-7g |
| RP11-1103G16.1 | hsa-let-7i |
| RP11-617J18.1 | hsa-let-7e |
| MEG8 | hsa-let-7a |
| MEG8 | hsa-let-7b |
| MEG8 | hsa-let-7d |
| MEG8 | hsa-let-7e |
| MEG8 | hsa-let-7f |
| MEG8 | hsa-let-7g |
| MEG8 | hsa-let-7i |
| RP11-804M7.2 | hsa-let-7g |
| LINC00641 | hsa-let-7a |
| LINC00641 | hsa-let-7b |
| LINC00641 | hsa-let-7e |
| LINC00641 | hsa-let-7f |
| LINC00641 | hsa-let-7g |
| LINC00641 | hsa-let-7i |
| RP11-164J13.1 | hsa-let-7a |
| RP11-164J13.1 | hsa-let-7b |
| RP11-164J13.1 | hsa-let-7e |
| RP11-164J13.1 | hsa-let-7f |
| RP11-164J13.1 | hsa-let-7g |
| RP11-164J13.1 | hsa-let-7i |
| RP4-773N10.4 | hsa-let-7a |
| RP4-773N10.4 | hsa-let-7b |
| RP4-773N10.4 | hsa-let-7f |
| RP4-773N10.4 | hsa-let-7g |
| RP4-773N10.4 | hsa-let-7i |
| SALL4P7 | hsa-let-7d |
| CTD-3049M7.1 | hsa-let-7e |
| CTD-2292M16.8 | hsa-let-7d |
| RPPH1 | hsa-let-7a |
| RPPH1 | hsa-let-7b |
| RPPH1 | hsa-let-7e |
| RPPH1 | hsa-let-7f |
| RPPH1 | hsa-let-7g |
| RPPH1 | hsa-let-7i |
| PTBP1P | hsa-let-7d |
| USP3-AS1 | hsa-let-7e |
| RP11-293M10.6 | hsa-let-7a |
| RP11-293M10.6 | hsa-let-7e |
| RP11-293M10.6 | hsa-let-7f |
| RP11-293M10.6 | hsa-let-7g |
| RP11-293M10.6 | hsa-let-7i |
| RP11-456J20.1 | hsa-let-7e |
| LINC01314 | hsa-let-7a |
| LINC01314 | hsa-let-7b |
| LINC01314 | hsa-let-7d |
| LINC01314 | hsa-let-7e |
| LINC01314 | hsa-let-7f |
| LINC01314 | hsa-let-7g |
| LINC01314 | hsa-let-7i |
| RP11-462P6.1 | hsa-let-7a |
| RP11-462P6.1 | hsa-let-7b |
| RP11-462P6.1 | hsa-let-7e |
| RP11-462P6.1 | hsa-let-7f |
| RP11-462P6.1 | hsa-let-7g |
| RP11-462P6.1 | hsa-let-7i |
| RP11-752G15.3 | hsa-let-7a |
| RP11-752G15.3 | hsa-let-7b |
| RP11-752G15.3 | hsa-let-7e |
| RP11-752G15.3 | hsa-let-7f |
| RP11-752G15.3 | hsa-let-7g |
| RP11-752G15.3 | hsa-let-7i |
| RP11-66B24.4 | hsa-let-7a |
| RP11-66B24.4 | hsa-let-7b |
| RP11-66B24.4 | hsa-let-7d |
| RP11-66B24.4 | hsa-let-7e |
| RP11-66B24.4 | hsa-let-7f |
| RP11-66B24.4 | hsa-let-7g |
| RP11-66B24.4 | hsa-let-7i |
| RP11-156E6.1 | hsa-let-7a |
| RP11-156E6.1 | hsa-let-7b |
| RP11-156E6.1 | hsa-let-7d |
| RP11-156E6.1 | hsa-let-7f |
| RP11-156E6.1 | hsa-let-7g |
| RP11-156E6.1 | hsa-let-7i |
| CTD-2262B20.1 | hsa-let-7a |
| CTD-2262B20.1 | hsa-let-7b |
| CTD-2262B20.1 | hsa-let-7f |
| CTD-2262B20.1 | hsa-let-7g |
| CTD-2262B20.1 | hsa-let-7i |
| HSP90B2P | hsa-let-7g |
| CASC7 | hsa-let-7a |
| CASC7 | hsa-let-7b |
| CASC7 | hsa-let-7c |
| CASC7 | hsa-let-7d |
| CASC7 | hsa-let-7e |
| CASC7 | hsa-let-7f |
| CASC7 | hsa-let-7g |
| CASC7 | hsa-let-7i |
| AC083843.1 | hsa-let-7b |
| AC083843.1 | hsa-let-7g |
| RP11-488L18.10 | hsa-let-7a |
| RP11-488L18.10 | hsa-let-7b |
| RP11-488L18.10 | hsa-let-7d |
| RP11-488L18.10 | hsa-let-7e |
| RP11-488L18.10 | hsa-let-7f |
| RP11-488L18.10 | hsa-let-7g |
| RP11-488L18.10 | hsa-let-7i |
| RP11-46C24.7 | hsa-let-7i |
| CTD-2651B20.7 | hsa-let-7a |
| CTD-2651B20.7 | hsa-let-7b |
| CTD-2651B20.7 | hsa-let-7f |
| RP1-39G22.7 | hsa-let-7a |
| RP1-39G22.7 | hsa-let-7b |
| RP1-39G22.7 | hsa-let-7d |
| RP1-39G22.7 | hsa-let-7e |
| RP1-39G22.7 | hsa-let-7f |
| RP1-39G22.7 | hsa-let-7g |
| RP1-39G22.7 | hsa-let-7i |
| RP11-491F9.8 | hsa-let-7a |
| RP11-491F9.8 | hsa-let-7b |
| RP11-491F9.8 | hsa-let-7e |
| RP11-491F9.8 | hsa-let-7f |
| RP11-491F9.8 | hsa-let-7g |
| RP11-491F9.8 | hsa-let-7i |
| RP11-121C2.2 | hsa-let-7a |
| RP11-121C2.2 | hsa-let-7b |
| RP11-121C2.2 | hsa-let-7e |
| RP11-121C2.2 | hsa-let-7f |
| RP11-121C2.2 | hsa-let-7g |
| RP11-121C2.2 | hsa-let-7i |
| RP11-553L6.5 | hsa-let-7g |
| RP11-469M7.1 | hsa-let-7a |
| RP11-469M7.1 | hsa-let-7b |
| RP11-469M7.1 | hsa-let-7e |
| RP11-469M7.1 | hsa-let-7f |
| RP11-469M7.1 | hsa-let-7g |
| RP11-469M7.1 | hsa-let-7i |
| LINC00657 | hsa-let-7a |
| LINC00657 | hsa-let-7b |
| LINC00657 | hsa-let-7d |
| LINC00657 | hsa-let-7e |
| LINC00657 | hsa-let-7f |
| LINC00657 | hsa-let-7g |
| LINC00657 | hsa-let-7i |
| CTD-2651B20.6 | hsa-let-7a |
| CTD-2651B20.6 | hsa-let-7b |
| CTD-2651B20.6 | hsa-let-7d |
| CTD-2651B20.6 | hsa-let-7f |
| APOOP5 | hsa-let-7a |
| APOOP5 | hsa-let-7b |
| APOOP5 | hsa-let-7d |
| APOOP5 | hsa-let-7f |
| APOOP5 | hsa-let-7g |
| APOOP5 | hsa-let-7i |
| RP11-588K22.2 | hsa-let-7a |
| RP11-588K22.2 | hsa-let-7b |
| RP11-588K22.2 | hsa-let-7c |
| RP11-588K22.2 | hsa-let-7e |
| RP11-588K22.2 | hsa-let-7f |
| RP11-588K22.2 | hsa-let-7g |
| RP11-588K22.2 | hsa-let-7i |
| RP11-480A16.1 | hsa-let-7d |
| RP11-452L6.5 | hsa-let-7d |
| RP11-452L6.5 | hsa-let-7i |
| RP11-438B23.2 | hsa-let-7a |
| RP11-438B23.2 | hsa-let-7b |
| RP11-438B23.2 | hsa-let-7e |
| RP11-438B23.2 | hsa-let-7f |
| RP11-438B23.2 | hsa-let-7g |
| RP11-438B23.2 | hsa-let-7i |
| RP4-561L24.3 | hsa-let-7a |
| RP4-561L24.3 | hsa-let-7b |
| RP4-561L24.3 | hsa-let-7d |
| RP4-561L24.3 | hsa-let-7f |
| RP4-561L24.3 | hsa-let-7g |
| RP4-561L24.3 | hsa-let-7i |
| FAM157C | hsa-let-7a |
| FAM157C | hsa-let-7b |
| FAM157C | hsa-let-7e |
| FAM157C | hsa-let-7f |
| FAM157C | hsa-let-7g |
| FAM157C | hsa-let-7i |
| RP11-592N21.2 | hsa-let-7d |
| CTA-29F11.1 | hsa-let-7d |
| RP11-747H7.3 | hsa-let-7a |
| RP11-747H7.3 | hsa-let-7b |
| RP11-747H7.3 | hsa-let-7d |
| RP11-747H7.3 | hsa-let-7e |
| RP11-747H7.3 | hsa-let-7f |
| RP11-747H7.3 | hsa-let-7g |
| RP11-747H7.3 | hsa-let-7i |
| PKI55 | hsa-let-7a |
| PKI55 | hsa-let-7b |
| PKI55 | hsa-let-7f |
| PKI55 | hsa-let-7g |
| PKI55 | hsa-let-7i |
| GS1-358P8.4 | hsa-let-7d |
| RP11-439E19.10 | hsa-let-7a |
| RP11-439E19.10 | hsa-let-7b |
| RP11-439E19.10 | hsa-let-7f |
| RP11-439E19.10 | hsa-let-7g |
| RP11-439E19.10 | hsa-let-7i |
| RP11-57H14.4 | hsa-let-7a |
| RP11-57H14.4 | hsa-let-7b |
| RP11-57H14.4 | hsa-let-7d |
| RP11-57H14.4 | hsa-let-7e |
| RP11-57H14.4 | hsa-let-7f |
| RP11-57H14.4 | hsa-let-7g |
| RP11-57H14.4 | hsa-let-7i |
| RP11-731J8.2 | hsa-let-7a |
| RP11-731J8.2 | hsa-let-7b |
| RP11-731J8.2 | hsa-let-7d |
| RP11-731J8.2 | hsa-let-7f |
| RP11-731J8.2 | hsa-let-7g |
| RP11-731J8.2 | hsa-let-7i |
| RP11-65L3.1 | hsa-let-7d |
| LINC00557 | hsa-let-7g |
| FGFR3P5 | hsa-let-7d |
| CTC-471C19.1 | hsa-let-7a |
| CTC-471C19.1 | hsa-let-7b |
| CTC-471C19.1 | hsa-let-7f |
| CTC-471C19.1 | hsa-let-7g |
| CTC-471C19.1 | hsa-let-7i |
| RP11-264B17.3 | hsa-let-7a |
| RP11-264B17.3 | hsa-let-7b |
| RP11-264B17.3 | hsa-let-7e |
| RP11-264B17.3 | hsa-let-7f |
| RP11-264B17.3 | hsa-let-7g |
| RP11-264B17.3 | hsa-let-7i |
| KB-1460A1.5 | hsa-let-7a |
| KB-1460A1.5 | hsa-let-7b |
| KB-1460A1.5 | hsa-let-7f |
| KB-1460A1.5 | hsa-let-7g |
| KB-1460A1.5 | hsa-let-7i |
| RP11-819C21.1 | hsa-let-7a |
| RP11-819C21.1 | hsa-let-7b |
| RP11-819C21.1 | hsa-let-7c |
| RP11-819C21.1 | hsa-let-7d |
| RP11-819C21.1 | hsa-let-7e |
| RP11-819C21.1 | hsa-let-7f |
| RP11-819C21.1 | hsa-let-7g |
| RP11-819C21.1 | hsa-let-7i |
| RP11-1007O24.2 | hsa-let-7a |
| RP11-1007O24.2 | hsa-let-7b |
| RP11-1007O24.2 | hsa-let-7e |
| RP11-1007O24.2 | hsa-let-7f |
| RP11-1007O24.2 | hsa-let-7g |
| RP11-1007O24.2 | hsa-let-7i |
| RP11-174G6.5 | hsa-let-7a |
| RP11-174G6.5 | hsa-let-7b |
| RP11-174G6.5 | hsa-let-7d |
| RP11-174G6.5 | hsa-let-7e |
| RP11-174G6.5 | hsa-let-7f |
| VPS9D1-AS1 | hsa-let-7d |
| RP6-24A23.7 | hsa-let-7a |
| RP6-24A23.7 | hsa-let-7d |
| RP6-24A23.7 | hsa-let-7f |
| RP6-24A23.7 | hsa-let-7g |
| RP11-217B1.2 | hsa-let-7e |
| AC135048.13 | hsa-let-7a |
| AC135048.13 | hsa-let-7b |
| AC135048.13 | hsa-let-7d |
| AC135048.13 | hsa-let-7e |
| AC135048.13 | hsa-let-7f |
| AC135048.13 | hsa-let-7g |
| AC135048.13 | hsa-let-7i |
| SSTR5-AS1 | hsa-let-7i |
| RP11-334C17.5 | hsa-let-7a |
| RP11-334C17.5 | hsa-let-7b |
| RP11-334C17.5 | hsa-let-7d |
| RP11-334C17.5 | hsa-let-7e |
| RP11-334C17.5 | hsa-let-7f |
| RP11-334C17.5 | hsa-let-7g |
| RP11-334C17.5 | hsa-let-7i |
| RP11-750B16.1 | hsa-let-7d |
| RP11-750B16.1 | hsa-let-7e |
| CTC-479C5.10 | hsa-let-7d |
| RPS7P1 | hsa-let-7a |
| RPS7P1 | hsa-let-7b |
| RPS7P1 | hsa-let-7f |
| RPS7P1 | hsa-let-7g |
| RPS7P1 | hsa-let-7i |
| RP11-96D1.10 | hsa-let-7a |
| RP11-96D1.10 | hsa-let-7b |
| RP11-96D1.10 | hsa-let-7c |
| RP11-96D1.10 | hsa-let-7d |
| RP11-96D1.10 | hsa-let-7e |
| RP11-96D1.10 | hsa-let-7f |
| RP11-96D1.10 | hsa-let-7g |
| RP11-96D1.10 | hsa-let-7i |
| RP11-180P8.1 | hsa-let-7a |
| RP11-180P8.1 | hsa-let-7b |
| RP11-180P8.1 | hsa-let-7f |
| RP11-180P8.1 | hsa-let-7g |
| RP11-180P8.1 | hsa-let-7i |
| RP11-159D12.2 | hsa-let-7a |
| AC010761.6 | hsa-let-7a |
| AC010761.6 | hsa-let-7b |
| AC010761.6 | hsa-let-7f |
| AC010761.6 | hsa-let-7g |
| AC010761.6 | hsa-let-7i |
| RP11-21J18.1 | hsa-let-7g |
| PGDP1 | hsa-let-7a |
| PGDP1 | hsa-let-7b |
| PGDP1 | hsa-let-7e |
| PGDP1 | hsa-let-7f |
| PGDP1 | hsa-let-7g |
| PGDP1 | hsa-let-7i |
| RP11-227G15.3 | hsa-let-7a |
| RP11-227G15.3 | hsa-let-7b |
| RP11-227G15.3 | hsa-let-7e |
| RP11-227G15.3 | hsa-let-7f |
| RP11-227G15.3 | hsa-let-7g |
| RP11-227G15.3 | hsa-let-7i |
| LINC00668 | hsa-let-7a |
| LINC00668 | hsa-let-7b |
| LINC00668 | hsa-let-7d |
| LINC00668 | hsa-let-7e |
| LINC00668 | hsa-let-7f |
| LINC00668 | hsa-let-7g |
| LINC00668 | hsa-let-7i |
| MYO15B | hsa-let-7a |
| MYO15B | hsa-let-7b |
| MYO15B | hsa-let-7d |
| MYO15B | hsa-let-7f |
| MYO15B | hsa-let-7g |
| MYO15B | hsa-let-7i |
| CTD-2085J24.4 | hsa-let-7a |
| CTD-2085J24.4 | hsa-let-7b |
| CTD-2085J24.4 | hsa-let-7f |
| CTD-2085J24.4 | hsa-let-7g |
| CTD-2085J24.4 | hsa-let-7i |
| RP11-712P20.2 | hsa-let-7a |
| RP11-712P20.2 | hsa-let-7b |
| RP11-712P20.2 | hsa-let-7d |
| RP11-712P20.2 | hsa-let-7f |
| RP11-712P20.2 | hsa-let-7g |
| RP11-712P20.2 | hsa-let-7i |
| RP11-35G9.3 | hsa-let-7f |
| CTB-179K24.3 | hsa-let-7d |
| CTD-2554C21.1 | hsa-let-7b |
| CTD-2554C21.1 | hsa-let-7d |
| AC005789.11 | hsa-let-7a |
| AC005789.11 | hsa-let-7b |
| AC005789.11 | hsa-let-7d |
| AC005789.11 | hsa-let-7f |
| AC005789.11 | hsa-let-7g |
| AC005789.11 | hsa-let-7i |
| RP11-824M15.3 | hsa-let-7a |
| RP11-824M15.3 | hsa-let-7b |
| RP11-824M15.3 | hsa-let-7e |
| RP11-824M15.3 | hsa-let-7f |
| RP11-824M15.3 | hsa-let-7g |
| RP11-824M15.3 | hsa-let-7i |
| NDUFV2P1 | hsa-let-7a |
| NDUFV2P1 | hsa-let-7b |
| NDUFV2P1 | hsa-let-7d |
| NDUFV2P1 | hsa-let-7e |
| NDUFV2P1 | hsa-let-7f |
| NDUFV2P1 | hsa-let-7g |
| NDUFV2P1 | hsa-let-7i |
| CTD-2527I21.9 | hsa-let-7a |
| CTD-2527I21.9 | hsa-let-7b |
| CTD-2527I21.9 | hsa-let-7d |
| CTD-2527I21.9 | hsa-let-7f |
| CTD-2527I21.9 | hsa-let-7g |
| CTD-2527I21.9 | hsa-let-7i |
| CTC-444N24.11 | hsa-let-7a |
| CTC-444N24.11 | hsa-let-7b |
| CTC-444N24.11 | hsa-let-7e |
| CTC-444N24.11 | hsa-let-7f |
| CTC-360J11.4 | hsa-let-7a |
| CTC-360J11.4 | hsa-let-7b |
| CTC-360J11.4 | hsa-let-7e |
| CTC-360J11.4 | hsa-let-7f |
| CTC-360J11.4 | hsa-let-7g |
| CTC-360J11.4 | hsa-let-7i |
| MIR4453 | hsa-let-7a |
| MIR4453 | hsa-let-7b |
| MIR4453 | hsa-let-7d |
| MIR4453 | hsa-let-7e |
| MIR4453 | hsa-let-7f |
| MIR4453 | hsa-let-7g |
| MIR4453 | hsa-let-7i |
| RP11-158H5.7 | hsa-let-7a |
| RP11-158H5.7 | hsa-let-7b |
| RP11-158H5.7 | hsa-let-7d |
| RP11-158H5.7 | hsa-let-7f |
| RP11-158H5.7 | hsa-let-7g |
| RP11-158H5.7 | hsa-let-7i |
| CTC-471F3.5 | hsa-let-7a |
| CTC-471F3.5 | hsa-let-7b |
| CTC-471F3.5 | hsa-let-7d |
| CTC-471F3.5 | hsa-let-7e |
| CTC-471F3.5 | hsa-let-7f |
| CTC-471F3.5 | hsa-let-7g |
| CTC-471F3.5 | hsa-let-7i |
| CTB-50E14.5 | hsa-let-7a |
| CTB-50E14.5 | hsa-let-7b |
| CTB-50E14.5 | hsa-let-7d |
| CTB-50E14.5 | hsa-let-7e |
| CTB-50E14.5 | hsa-let-7f |
| CTB-50E14.5 | hsa-let-7g |
| CTB-50E14.5 | hsa-let-7i |
| AC008982.2 | hsa-let-7a |
| AC008982.2 | hsa-let-7b |
| AC008982.2 | hsa-let-7e |
| AC008982.2 | hsa-let-7f |
| AC008982.2 | hsa-let-7g |
| AC008982.2 | hsa-let-7i |
| RP11-145M9.4 | hsa-let-7a |
| RP11-145M9.4 | hsa-let-7f |
| RP11-145M9.4 | hsa-let-7g |
| CTC-273B12.8 | hsa-let-7a |
| CTC-273B12.8 | hsa-let-7b |
| CTC-273B12.8 | hsa-let-7f |
| CTC-273B12.8 | hsa-let-7g |
| CTC-273B12.8 | hsa-let-7i |
| KCNQ1OT1 | hsa-let-7a |
| KCNQ1OT1 | hsa-let-7b |
| KCNQ1OT1 | hsa-let-7d |
| KCNQ1OT1 | hsa-let-7e |
| KCNQ1OT1 | hsa-let-7f |
| KCNQ1OT1 | hsa-let-7g |
| KCNQ1OT1 | hsa-let-7i |
| CTD-3099C6.9 | hsa-let-7a |
| CTD-3099C6.9 | hsa-let-7b |
| CTD-3099C6.9 | hsa-let-7e |
| CTD-3099C6.9 | hsa-let-7f |
| CTD-3099C6.9 | hsa-let-7g |
| CTD-3099C6.9 | hsa-let-7i |
| IPO5P1 | hsa-let-7a |
| IPO5P1 | hsa-let-7b |
| IPO5P1 | hsa-let-7d |
| IPO5P1 | hsa-let-7e |
| IPO5P1 | hsa-let-7f |
| IPO5P1 | hsa-let-7g |
| IPO5P1 | hsa-let-7i |
| RP11-78O7.2 | hsa-let-7a |
| RP11-78O7.2 | hsa-let-7b |
| RP11-78O7.2 | hsa-let-7d |
| RP11-78O7.2 | hsa-let-7e |
| RP11-78O7.2 | hsa-let-7f |
| RP11-78O7.2 | hsa-let-7g |
| RP11-78O7.2 | hsa-let-7i |
| VTRNA2-1 | hsa-let-7a |
| VTRNA2-1 | hsa-let-7b |
| VTRNA2-1 | hsa-let-7c |
| VTRNA2-1 | hsa-let-7d |
| VTRNA2-1 | hsa-let-7e |
| VTRNA2-1 | hsa-let-7f |
| VTRNA2-1 | hsa-let-7g |
| VTRNA2-1 | hsa-let-7i |
| NCBP2-AS2 | hsa-let-7d |
| PKD1P6 | hsa-let-7g |
| RP11-372K14.2 | hsa-let-7a |
| RP11-372K14.2 | hsa-let-7b |
| RP11-372K14.2 | hsa-let-7d |
| RP11-372K14.2 | hsa-let-7e |
| RP11-372K14.2 | hsa-let-7f |
| RP11-372K14.2 | hsa-let-7g |
| RP11-372K14.2 | hsa-let-7i |
| RP11-475J5.6 | hsa-let-7i |
| RP3-467N11.2 | hsa-let-7a |
| RP3-467N11.2 | hsa-let-7b |
| RP3-467N11.2 | hsa-let-7f |
| RP3-467N11.2 | hsa-let-7g |
| RP3-467N11.2 | hsa-let-7i |
| RP11-701H24.7 | hsa-let-7d |
| RP3-368A4.5 | hsa-let-7a |
| RP3-368A4.5 | hsa-let-7b |
| RP3-368A4.5 | hsa-let-7d |
| RP3-368A4.5 | hsa-let-7e |
| RP3-368A4.5 | hsa-let-7f |
| RP3-368A4.5 | hsa-let-7g |
| RP3-368A4.5 | hsa-let-7i |
| RP3-368A4.6 | hsa-let-7d |
| MTND5P10 | hsa-let-7a |
| MTND5P10 | hsa-let-7b |
| MTND5P10 | hsa-let-7f |
| MTND5P10 | hsa-let-7g |
| MTND5P10 | hsa-let-7i |
| RP1-178F15.5 | hsa-let-7a |
| RP1-178F15.5 | hsa-let-7b |
| RP1-178F15.5 | hsa-let-7e |
| RP1-178F15.5 | hsa-let-7f |
| RP1-178F15.5 | hsa-let-7g |
| RP1-178F15.5 | hsa-let-7i |
| RP11-439M11.1 | hsa-let-7d |
| RP11-215G15.5 | hsa-let-7a |
| RP11-215G15.5 | hsa-let-7f |
| RP4-758J24.5 | hsa-let-7a |
| RP4-758J24.5 | hsa-let-7b |
| RP4-758J24.5 | hsa-let-7f |
| RP4-758J24.5 | hsa-let-7g |
| RP4-758J24.5 | hsa-let-7i |
| RP11-111M22.4 | hsa-let-7a |
| RP11-111M22.4 | hsa-let-7b |
| RP11-111M22.4 | hsa-let-7d |
| RP11-111M22.4 | hsa-let-7e |
| RP11-111M22.4 | hsa-let-7f |
| RP11-111M22.4 | hsa-let-7g |
| RP11-111M22.4 | hsa-let-7i |
| RP3-329A5.8 | hsa-let-7a |
| RP3-329A5.8 | hsa-let-7b |
| RP3-329A5.8 | hsa-let-7d |
| RP3-329A5.8 | hsa-let-7e |
| RP3-329A5.8 | hsa-let-7f |
| RP3-329A5.8 | hsa-let-7g |
| RP3-329A5.8 | hsa-let-7i |
| RP4-740C4.7 | hsa-let-7e |
| RP11-391M1.4 | hsa-let-7a |
| RP11-391M1.4 | hsa-let-7b |
| RP11-391M1.4 | hsa-let-7d |
| RP11-391M1.4 | hsa-let-7e |
| RP11-391M1.4 | hsa-let-7f |
| RP11-391M1.4 | hsa-let-7g |
| RP11-391M1.4 | hsa-let-7i |
| RP11-54O7.17 | hsa-let-7i |
| RP11-359E3.4 | hsa-let-7b |
| RP11-359E3.4 | hsa-let-7f |
| RP11-216L13.18 | hsa-let-7g |
| RP11-357H14.17 | hsa-let-7a |
| RP11-357H14.17 | hsa-let-7b |
| RP11-357H14.17 | hsa-let-7d |
| RP11-357H14.17 | hsa-let-7e |
| RP11-357H14.17 | hsa-let-7f |
| RP11-357H14.17 | hsa-let-7g |
| RP11-357H14.17 | hsa-let-7i |
| RP11-822E23.8 | hsa-let-7a |
| RP11-822E23.8 | hsa-let-7b |
| RP11-822E23.8 | hsa-let-7e |
| RP11-822E23.8 | hsa-let-7f |
| RP11-822E23.8 | hsa-let-7g |
| RP11-822E23.8 | hsa-let-7i |
| CTB-152G17.6 | hsa-let-7g |
| RP11-339B21.15 | hsa-let-7g |
| RP11-339B21.15 | hsa-let-7i |
| RP11-284F21.11 | hsa-let-7d |
| RP11-67L2.2 | hsa-let-7d |
| RP11-216L13.19 | hsa-let-7i |
| RP4-813F11.4 | hsa-let-7g |
| RP11-458F8.4 | hsa-let-7a |
| RP11-458F8.4 | hsa-let-7b |
| RP11-458F8.4 | hsa-let-7f |
| RP11-458F8.4 | hsa-let-7g |
| RP11-458F8.4 | hsa-let-7i |
| CTB-119C2.1 | hsa-let-7a |
| CTB-119C2.1 | hsa-let-7b |
| CTB-119C2.1 | hsa-let-7c |
| CTB-119C2.1 | hsa-let-7d |
| CTB-119C2.1 | hsa-let-7e |
| CTB-119C2.1 | hsa-let-7f |
| CTB-119C2.1 | hsa-let-7g |
| CTB-119C2.1 | hsa-let-7i |
| RP11-285G1.14 | hsa-let-7a |
| RP11-285G1.14 | hsa-let-7b |
| RP11-285G1.14 | hsa-let-7d |
| RP11-285G1.14 | hsa-let-7f |
| RP11-285G1.14 | hsa-let-7g |
| RP11-285G1.14 | hsa-let-7i |
| CTA-989H11.1 | hsa-let-7g |
| RP11-140H17.2 | hsa-let-7a |
| RP11-140H17.2 | hsa-let-7b |
| RP11-140H17.2 | hsa-let-7d |
| RP11-140H17.2 | hsa-let-7e |
| RP11-140H17.2 | hsa-let-7f |
| RP11-140H17.2 | hsa-let-7g |
| RP11-140H17.2 | hsa-let-7i |
| RP11-44M6.7 | hsa-let-7a |
| RP11-44M6.7 | hsa-let-7b |
| RP11-44M6.7 | hsa-let-7e |
| RP11-44M6.7 | hsa-let-7f |
| RP11-44M6.7 | hsa-let-7g |
| RP11-44M6.7 | hsa-let-7i |
| RP11-19G24.1 | hsa-let-7a |
| RP11-19G24.1 | hsa-let-7b |
| RP11-19G24.1 | hsa-let-7d |
| RP11-19G24.1 | hsa-let-7f |
| RP11-19G24.1 | hsa-let-7g |
| RP11-19G24.1 | hsa-let-7i |
| LL22NC03-2H8.5 | hsa-let-7a |
| LL22NC03-2H8.5 | hsa-let-7b |
| LL22NC03-2H8.5 | hsa-let-7d |
| LL22NC03-2H8.5 | hsa-let-7f |
| LL22NC03-2H8.5 | hsa-let-7g |
| LL22NC03-2H8.5 | hsa-let-7i |
| UG0898H09 | hsa-let-7a |
| UG0898H09 | hsa-let-7b |
| UG0898H09 | hsa-let-7e |
| UG0898H09 | hsa-let-7f |
| UG0898H09 | hsa-let-7g |
| UG0898H09 | hsa-let-7i |
| RP11-526D8.11 | hsa-let-7a |
| RP11-526D8.11 | hsa-let-7b |
| RP11-526D8.11 | hsa-let-7e |
| RP11-526D8.11 | hsa-let-7f |
| RP11-526D8.11 | hsa-let-7g |
| RP11-526D8.11 | hsa-let-7i |
| RP11-131L12.4 | hsa-let-7d |
| SCARNA10 | hsa-let-7a |
| SCARNA10 | hsa-let-7b |
| SCARNA10 | hsa-let-7d |
| SCARNA10 | hsa-let-7e |
| SCARNA10 | hsa-let-7f |
| SCARNA10 | hsa-let-7g |
| SCARNA10 | hsa-let-7i |
| CTD-2587H24.14 | hsa-let-7i |
| LINC00235 | hsa-let-7i |
| RP11-380B4.3 | hsa-let-7a |
| RP11-380B4.3 | hsa-let-7b |
| RP11-380B4.3 | hsa-let-7d |
| RP11-380B4.3 | hsa-let-7f |
| RP11-380B4.3 | hsa-let-7g |
| RP11-380B4.3 | hsa-let-7i |
| RP11-321C24.4 | hsa-let-7a |
| RP11-321C24.4 | hsa-let-7b |
| RP11-321C24.4 | hsa-let-7e |
| RP11-321C24.4 | hsa-let-7f |
| RP11-321C24.4 | hsa-let-7g |
| RP11-321C24.4 | hsa-let-7i |
| RP5-984P4.6 | hsa-let-7a |
| RP5-984P4.6 | hsa-let-7b |
| RP5-984P4.6 | hsa-let-7d |
| RP5-984P4.6 | hsa-let-7f |
| RP5-984P4.6 | hsa-let-7g |
| RP5-984P4.6 | hsa-let-7i |
| RP11-196G11.5 | hsa-let-7a |
| RP11-196G11.5 | hsa-let-7b |
| RP11-196G11.5 | hsa-let-7d |
| RP11-196G11.5 | hsa-let-7e |
| RP11-196G11.5 | hsa-let-7f |
| RP11-196G11.5 | hsa-let-7g |
| RP11-196G11.5 | hsa-let-7i |
| RP11-923I11.8 | hsa-let-7a |
| RP11-923I11.8 | hsa-let-7b |
| RP11-923I11.8 | hsa-let-7d |
| RP11-923I11.8 | hsa-let-7e |
| RP11-923I11.8 | hsa-let-7f |
| RP11-923I11.8 | hsa-let-7g |
| RP11-923I11.8 | hsa-let-7i |
| RP11-434C1.4 | hsa-let-7a |
| RP11-434C1.4 | hsa-let-7b |
| RP11-434C1.4 | hsa-let-7d |
| RP11-434C1.4 | hsa-let-7e |
| RP11-434C1.4 | hsa-let-7f |
| RP11-434C1.4 | hsa-let-7g |
| RP11-434C1.4 | hsa-let-7i |
| RP11-132A1.6 | hsa-let-7g |
| LINC00674 | hsa-let-7d |
| RP1-309I22.2 | hsa-let-7a |
| AL845472.1 | hsa-let-7e |
| chr22-38\_28785274-29006793.1 | hsa-let-7a |
| chr22-38\_28785274-29006793.1 | hsa-let-7b |
| chr22-38\_28785274-29006793.1 | hsa-let-7d |
| chr22-38\_28785274-29006793.1 | hsa-let-7e |
| chr22-38\_28785274-29006793.1 | hsa-let-7f |
| chr22-38\_28785274-29006793.1 | hsa-let-7g |
| chr22-38\_28785274-29006793.1 | hsa-let-7i |
| CTA-292E10.9 | hsa-let-7b |
| CTA-292E10.9 | hsa-let-7d |
| bP-2171C21.2 | hsa-let-7d |
| PAXIP1-AS2 | hsa-let-7d |
| LOC100289230 | hsa-let-7d |
| LOC100294145 | hsa-let-7a |
| LOC100294145 | hsa-let-7b |
| LOC100294145 | hsa-let-7e |
| LOC100294145 | hsa-let-7f |
| LOC100294145 | hsa-let-7g |
| LOC100294145 | hsa-let-7i |
| BRE-AS1 | hsa-let-7a |
| BRE-AS1 | hsa-let-7b |
| BRE-AS1 | hsa-let-7d |
| BRE-AS1 | hsa-let-7e |
| BRE-AS1 | hsa-let-7f |
| BRE-AS1 | hsa-let-7g |
| BRE-AS1 | hsa-let-7i |
| BACE1-AS | hsa-let-7a |
| BACE1-AS | hsa-let-7b |
| BACE1-AS | hsa-let-7d |
| BACE1-AS | hsa-let-7e |
| BACE1-AS | hsa-let-7f |
| BACE1-AS | hsa-let-7g |
| BACE1-AS | hsa-let-7i |
| CEBPZ-AS1 | hsa-let-7a |
| CEBPZ-AS1 | hsa-let-7b |
| CEBPZ-AS1 | hsa-let-7d |
| CEBPZ-AS1 | hsa-let-7e |
| CEBPZ-AS1 | hsa-let-7f |
| CEBPZ-AS1 | hsa-let-7g |
| CEBPZ-AS1 | hsa-let-7i |
| LOC100506100 | hsa-let-7a |
| LOC100506100 | hsa-let-7b |
| LOC100506100 | hsa-let-7e |
| LOC100506100 | hsa-let-7f |
| LOC100506100 | hsa-let-7g |
| LOC100506100 | hsa-let-7i |
| LOC100506124 | hsa-let-7a |
| LOC100506124 | hsa-let-7b |
| LOC100506124 | hsa-let-7e |
| LOC100506124 | hsa-let-7f |
| LOC100506124 | hsa-let-7g |
| LOC100506124 | hsa-let-7i |
| RP11-314C16.1 | hsa-let-7a |
| RP11-314C16.1 | hsa-let-7b |
| RP11-314C16.1 | hsa-let-7f |
| RP11-314C16.1 | hsa-let-7g |
| RP11-314C16.1 | hsa-let-7i |
| LOC100506281 | hsa-let-7a |
| LOC100506281 | hsa-let-7b |
| LOC100506281 | hsa-let-7f |
| LOC100506281 | hsa-let-7g |
| LOC100506281 | hsa-let-7i |
| AP000330.8 | hsa-let-7g |
| TRG-AS1 | hsa-let-7a |
| TRG-AS1 | hsa-let-7b |
| TRG-AS1 | hsa-let-7c |
| TRG-AS1 | hsa-let-7d |
| TRG-AS1 | hsa-let-7e |
| TRG-AS1 | hsa-let-7f |
| TRG-AS1 | hsa-let-7g |
| TRG-AS1 | hsa-let-7i |
| SLFNL1-AS1 | hsa-let-7g |
| RP11-439L18.3 | hsa-let-7a |
| RP11-439L18.3 | hsa-let-7b |
| RP11-439L18.3 | hsa-let-7d |
| RP11-439L18.3 | hsa-let-7e |
| RP11-439L18.3 | hsa-let-7f |
| RP11-439L18.3 | hsa-let-7g |
| RP11-439L18.3 | hsa-let-7i |
| LOC100507577 | hsa-let-7a |
| LOC100507577 | hsa-let-7f |
| BLOC1S5-TXNDC5 | hsa-let-7d |
| EEF1E1-BLOC1S5 | hsa-let-7a |
| EEF1E1-BLOC1S5 | hsa-let-7b |
| EEF1E1-BLOC1S5 | hsa-let-7e |
| EEF1E1-BLOC1S5 | hsa-let-7f |
| EEF1E1-BLOC1S5 | hsa-let-7g |
| EEF1E1-BLOC1S5 | hsa-let-7i |
| GJA9-MYCBP | hsa-let-7a |
| GJA9-MYCBP | hsa-let-7b |
| GJA9-MYCBP | hsa-let-7d |
| GJA9-MYCBP | hsa-let-7f |
| GJA9-MYCBP | hsa-let-7g |
| GJA9-MYCBP | hsa-let-7i |
| RP5-1180C10.2 | hsa-let-7d |
| TMX2-CTNND1 | hsa-let-7b |
| TMX2-CTNND1 | hsa-let-7d |
| TMX2-CTNND1 | hsa-let-7g |
| RAD51L3-RFFL | hsa-let-7a |
| RAD51L3-RFFL | hsa-let-7b |
| RAD51L3-RFFL | hsa-let-7e |
| RAD51L3-RFFL | hsa-let-7f |
| RAD51L3-RFFL | hsa-let-7g |
| RAD51L3-RFFL | hsa-let-7i |
| RNASEK-C17orf49 | hsa-let-7a |
| RNASEK-C17orf49 | hsa-let-7b |
| RNASEK-C17orf49 | hsa-let-7d |
| RNASEK-C17orf49 | hsa-let-7e |
| RNASEK-C17orf49 | hsa-let-7f |
| RNASEK-C17orf49 | hsa-let-7g |
| RNASEK-C17orf49 | hsa-let-7i |
| RAB4B-EGLN2 | hsa-let-7a |
| RAB4B-EGLN2 | hsa-let-7b |
| RAB4B-EGLN2 | hsa-let-7d |
| RAB4B-EGLN2 | hsa-let-7e |
| RAB4B-EGLN2 | hsa-let-7f |
| RAB4B-EGLN2 | hsa-let-7g |
| RAB4B-EGLN2 | hsa-let-7i |
| NPHP3-ACAD11 | hsa-let-7a |
| NPHP3-ACAD11 | hsa-let-7b |
| NPHP3-ACAD11 | hsa-let-7e |
| NPHP3-ACAD11 | hsa-let-7f |
| NPHP3-ACAD11 | hsa-let-7g |
| NPHP3-ACAD11 | hsa-let-7i |
| ATP6V1G2-DDX39B | hsa-let-7a |
| ATP6V1G2-DDX39B | hsa-let-7b |
| ATP6V1G2-DDX39B | hsa-let-7e |
| ATP6V1G2-DDX39B | hsa-let-7f |
| ATP6V1G2-DDX39B | hsa-let-7g |
| ATP6V1G2-DDX39B | hsa-let-7i |
| UBE2F-SCLY | hsa-let-7a |
| UBE2F-SCLY | hsa-let-7b |
| UBE2F-SCLY | hsa-let-7e |
| UBE2F-SCLY | hsa-let-7f |
| UBE2F-SCLY | hsa-let-7g |
| UBE2F-SCLY | hsa-let-7i |
| ARHGAP19-SLIT1 | hsa-let-7e |
| P2RX5-TAX1BP3 | hsa-let-7a |
| P2RX5-TAX1BP3 | hsa-let-7b |
| P2RX5-TAX1BP3 | hsa-let-7d |
| P2RX5-TAX1BP3 | hsa-let-7e |
| P2RX5-TAX1BP3 | hsa-let-7f |
| P2RX5-TAX1BP3 | hsa-let-7g |
| P2RX5-TAX1BP3 | hsa-let-7i |
| HOXA10-HOXA9 | hsa-let-7a |
| HOXA10-HOXA9 | hsa-let-7b |
| HOXA10-HOXA9 | hsa-let-7d |
| HOXA10-HOXA9 | hsa-let-7e |
| HOXA10-HOXA9 | hsa-let-7f |
| HOXA10-HOXA9 | hsa-let-7g |
| HOXA10-HOXA9 | hsa-let-7i |
| HNRNPUL2-BSCL2 | hsa-let-7i |
| C1QTNF3-AMACR | hsa-let-7a |
| C1QTNF3-AMACR | hsa-let-7b |
| C1QTNF3-AMACR | hsa-let-7d |
| C1QTNF3-AMACR | hsa-let-7e |
| C1QTNF3-AMACR | hsa-let-7f |
| C1QTNF3-AMACR | hsa-let-7g |
| C1QTNF3-AMACR | hsa-let-7i |
| HEIH | hsa-let-7a |
| HEIH | hsa-let-7b |
| HEIH | hsa-let-7d |
| HEIH | hsa-let-7e |
| HEIH | hsa-let-7f |
| HEIH | hsa-let-7g |
| HEIH | hsa-let-7i |
| SPECC1L-ADORA2A | hsa-let-7a |
| SPECC1L-ADORA2A | hsa-let-7b |
| SPECC1L-ADORA2A | hsa-let-7f |
| SPECC1L-ADORA2A | hsa-let-7g |
| SPECC1L-ADORA2A | hsa-let-7i |
| STAG3L5P-PVRIG2P-PILRB | hsa-let-7a |
| STAG3L5P-PVRIG2P-PILRB | hsa-let-7b |
| STAG3L5P-PVRIG2P-PILRB | hsa-let-7d |
| STAG3L5P-PVRIG2P-PILRB | hsa-let-7e |
| STAG3L5P-PVRIG2P-PILRB | hsa-let-7f |
| STAG3L5P-PVRIG2P-PILRB | hsa-let-7g |
| STAG3L5P-PVRIG2P-PILRB | hsa-let-7i |
| AC091729.9 | hsa-let-7a |
| AC091729.9 | hsa-let-7b |
| AC091729.9 | hsa-let-7c |
| AC091729.9 | hsa-let-7d |
| AC091729.9 | hsa-let-7e |
| AC091729.9 | hsa-let-7f |
| AC091729.9 | hsa-let-7g |
| AC091729.9 | hsa-let-7i |
| FAM211A-AS1 | hsa-let-7a |
| FAM211A-AS1 | hsa-let-7b |
| FAM211A-AS1 | hsa-let-7d |
| FAM211A-AS1 | hsa-let-7f |
| FAM211A-AS1 | hsa-let-7g |
| FAM211A-AS1 | hsa-let-7i |
| PWAR1 | hsa-let-7a |
| PWAR1 | hsa-let-7b |
| PWAR1 | hsa-let-7d |
| PWAR1 | hsa-let-7e |
| PWAR1 | hsa-let-7f |
| PWAR1 | hsa-let-7g |
| PWAR1 | hsa-let-7i |
| FLJ23867 | hsa-let-7d |
| LINC00294 | hsa-let-7e |
| LOC284023 | hsa-let-7a |
| LOC284023 | hsa-let-7g |
| PWARSN | hsa-let-7a |
| PWARSN | hsa-let-7b |
| PWARSN | hsa-let-7d |
| PWARSN | hsa-let-7e |
| PWARSN | hsa-let-7f |
| PWARSN | hsa-let-7g |
| PWARSN | hsa-let-7i |
| KCNIP4-IT1 | hsa-let-7d |
| ZFP91-CNTF | hsa-let-7d |
| LINC00999 | hsa-let-7a |
| LINC00999 | hsa-let-7b |
| LINC00999 | hsa-let-7f |
| LINC00999 | hsa-let-7g |
| LINC00999 | hsa-let-7i |
| NA | hsa-let-7d |
| NA | hsa-let-7a |
| NA | hsa-let-7b |
| NA | hsa-let-7e |
| NA | hsa-let-7f |
| NA | hsa-let-7g |
| NA | hsa-let-7i |
| NA | hsa-let-7c |
| HOTAIR | hsa-let-7b |