|  |  |  |
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| **ID** | **Log2FC** | **adj.P.Val** |
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| CAPN6 | -3.94  | 2.07E-03 |
| RFX6 | -3.61  | 5.74E-04 |
| OXTR | -3.56  | 1.26E-07 |
| SCGB3A1 | -3.54  | 1.88E-02 |
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| SLC26A3 | -3.42  | 1.19E-02 |
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| MYBPC1 | -3.36  | 1.08E-03 |
| LEP | -3.30  | 1.46E-02 |
| EDN3 | -3.29  | 5.83E-04 |
| TAC1 | -3.23  | 5.36E-03 |
| TNMD | -3.16  | 4.39E-03 |
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| ADH1B | -3.13  | 2.06E-02 |
| SCARA5 | -3.11  | 8.08E-04 |
| ARHGAP36 | -3.08  | 1.62E-02 |
| CD300LG | -3.07  | 8.51E-05 |
| TMEM132C | -2.94  | 6.75E-04 |
| COL6A6 | -2.90  | 5.81E-05 |
| CITED1 | -2.87  | 6.85E-03 |
| PPBP | -2.84  | 6.07E-03 |
| CAVIN2 | -2.82  | 7.03E-05 |
| COL17A1 | -2.82  | 2.30E-04 |
| PLIN1 | -2.81  | 1.38E-02 |
| LINC01198 | -2.78  | 8.03E-03 |
| PAMR1 | -2.76  | 9.51E-05 |
| OPRPN | -2.74  | 5.08E-04 |
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| TIMP4 | -2.70  | 1.75E-02 |
| KRT14 | -2.70  | 3.65E-02 |
| ATP1A2 | -2.66  | 2.67E-03 |
| SAMD5 | -2.63  | 3.26E-04 |
| NTRK2 | -2.60  | 1.74E-04 |
| RELN | -2.59  | 2.03E-06 |
| CHRDL1 | -2.58  | 1.84E-03 |
| APOD | -2.57  | 6.34E-03 |
| HMGCLL1 | -2.57  | 1.83E-02 |
| ADH1C | -2.57  | 8.66E-03 |
| BTNL9 | -2.57  | 6.38E-05 |
| CA4 | -2.55  | 1.16E-04 |
| MME | -2.55  | 6.69E-04 |
| DCX | -2.54  | 1.26E-02 |
| ALKAL2 | -2.52  | 1.10E-02 |
| SLC6A14 | -2.52  | 4.48E-02 |
| CLDN8 | -2.52  | 1.32E-02 |
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| ABCA8 | -2.51  | 6.68E-03 |
| SFRP1 | -2.51  | 9.71E-03 |
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| CHST9 | -2.46  | 1.51E-02 |
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| HAS3 | -2.46  | 7.28E-05 |
| SYNM | -2.45  | 2.60E-04 |
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| IRX1 | -2.38  | 5.61E-03 |
| RYR3 | -2.38  | 4.77E-04 |
| ROPN1 | -2.38  | 4.74E-02 |
| IGSF10 | -2.37  | 1.08E-03 |
| GPIHBP1 | -2.37  | 1.71E-03 |
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| C1QTNF4 | -2.34  | 1.14E-04 |
| MUC7 | -2.34  | 3.04E-02 |
| PIK3C2G | -2.32  | 1.14E-03 |
| KLHL13 | -2.29  | 2.19E-04 |
| SCN7A | -2.29  | 4.36E-03 |
| CAPZA3 | -2.27  | 2.39E-03 |
| LMO7DN | -2.27  | 4.18E-04 |
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| S100B | -2.26  | 2.93E-02 |
| IGFBP1 | -2.24  | 1.84E-02 |
| SLC13A2 | -2.23  | 3.26E-02 |
| RERGL | -2.23  | 2.39E-02 |
| CSRNP3 | -2.23  | 1.60E-04 |
| ANGPTL1 | -2.22  | 1.30E-03 |
| OGN | -2.22  | 1.12E-02 |
| KCNJ16 | -2.21  | 5.98E-03 |
| LRRC3B | -2.21  | 9.05E-04 |
| LVRN | -2.21  | 2.77E-02 |
| ADRB1 | -2.20  | 3.72E-02 |
| GDF10 | -2.20  | 1.37E-02 |
| GPD1 | -2.20  | 2.16E-02 |
| PLIN4 | -2.19  | 2.66E-02 |
| ACTG2 | -2.19  | 1.72E-03 |
| PCOLCE2 | -2.19  | 2.93E-02 |
| FOSB | -2.19  | 7.15E-03 |
| SNORD114-3 | -2.17  | 2.69E-03 |
| SCN4B | -2.17  | 6.69E-04 |
| CARMN | -2.17  | 3.48E-05 |
| KIT | -2.16  | 3.10E-03 |
| LIFR | -2.16  | 5.92E-05 |
| SEL1L2 | -2.16  | 8.47E-03 |
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| FGF2 | -2.13  | 2.19E-03 |
| CFD | -2.11  | 8.25E-04 |
| CXCL2 | -2.11  | 5.24E-03 |
| BRINP1 | -2.11  | 1.06E-02 |
| RSPO1 | -2.11  | 1.13E-03 |
| LYVE1 | -2.10  | 9.87E-03 |
| PRO1804 | -2.10  | 1.46E-02 |
| ISM1 | -2.10  | 3.87E-05 |
| LRRN4CL | -2.09  | 2.06E-05 |
| CIDEA | -2.08  | 8.63E-03 |
| SCN2A | -2.08  | 5.09E-03 |
| TMEM178A | -2.08  | 9.90E-05 |
| DMD | -2.07  | 3.87E-05 |
| ABCB5 | -2.07  | 4.57E-02 |
| SPRY2 | -2.06  | 2.03E-06 |
| TGFBR3 | -2.06  | 3.97E-03 |
| FAM3B | -2.06  | 4.60E-02 |
| DSC1 | -2.05  | 2.23E-02 |
| MEOX2 | -2.05  | 4.42E-03 |
| PTHLH | -2.04  | 3.93E-03 |
| GPC3 | -2.03  | 1.31E-03 |
| HOXA5 | -2.03  | 4.77E-04 |
| MAOA | -2.01  | 9.05E-04 |
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| AK5 | -2.00  | 3.99E-03 |
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| ACACB | -1.99  | 3.38E-04 |
| SVEP1 | -1.99  | 6.20E-03 |
| PAK5 | -1.99  | 1.28E-05 |
| MYOM1 | -1.99  | 4.53E-03 |
| CNN1 | -1.98  | 3.48E-05 |
| FMO2 | -1.98  | 2.36E-03 |
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| C16orf89 | -1.97  | 3.06E-02 |
| HSD11B1-AS1 | -1.97  | 1.23E-02 |
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| ZBTB16 | -1.95  | 5.46E-03 |
| IL33 | -1.95  | 6.82E-03 |
| RBP4 | -1.95  | 3.47E-02 |
| ADAMTS5 | -1.93  | 4.92E-05 |
| COL4A6 | -1.93  | 8.58E-03 |
| SEMA3G | -1.92  | 1.13E-03 |
| CLDN11 | -1.91  | 1.14E-03 |
| NTS | -1.91  | 2.09E-02 |
| TSHZ2 | -1.90  | 1.06E-05 |
| ENPP6 | -1.90  | 6.75E-03 |
| SLC19A3 | -1.90  | 1.35E-02 |
| PDK4 | -1.90  | 2.48E-03 |
| LPL | -1.89  | 3.10E-03 |
| CYP7A1 | -1.88  | 3.33E-02 |
| EPHB1 | -1.87  | 3.16E-04 |
| SMIM10L2A | -1.87  | 5.98E-03 |
| PLAC9 | -1.87  | 6.77E-03 |
| APCDD1L | -1.87  | 2.40E-02 |
| AOC3 | -1.86  | 1.06E-03 |
| MATN2 | -1.86  | 1.06E-03 |
| TRARG1 | -1.85  | 1.74E-02 |
| GPM6B | -1.84  | 4.70E-04 |
| RNASE7 | -1.84  | 1.24E-02 |
| TCEAL7 | -1.83  | 1.99E-05 |
| LINC01883 | -1.81  | 3.77E-03 |
| FHL1 | -1.81  | 4.02E-03 |
| BCHE | -1.81  | 4.84E-02 |
| PTGS2 | -1.80  | 3.06E-02 |
| KCNH8 | -1.80  | 2.45E-02 |
| PRSS12 | -1.80  | 3.53E-02 |
| GIPC2 | -1.80  | 1.96E-03 |
| EGR2 | -1.80  | 9.91E-05 |
| NRXN1 | -1.79  | 3.58E-02 |
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| DDX19B | -1.79  | 2.01E-02 |
| SLC7A3 | -1.79  | 2.36E-03 |
| BMPER | -1.78  | 4.00E-02 |
| TSLP | -1.78  | 1.99E-02 |
| EBF1 | -1.78  | 3.20E-05 |
| GALNT16 | -1.78  | 2.46E-02 |
| NPR1 | -1.78  | 3.08E-03 |
| HOXA2 | -1.78  | 1.12E-02 |
| CHL1 | -1.77  | 1.84E-03 |
| EDNRB | -1.76  | 2.03E-06 |
| ITIH5 | -1.76  | 3.98E-04 |
| ABCA6 | -1.76  | 5.92E-05 |
| NAALAD2 | -1.75  | 3.00E-02 |
| C2orf88 | -1.75  | 5.04E-05 |
| TRMT9B | -1.75  | 1.84E-03 |
| PLAGL1 | -1.75  | 1.51E-04 |
| PLEKHH2 | -1.75  | 5.31E-03 |
| MFSD4A-AS1 | -1.74  | 4.54E-02 |
| OR10D3 | -1.74  | 1.99E-05 |
| TMEM213 | -1.74  | 4.57E-02 |
| FBXL22 | -1.74  | 4.61E-02 |
| TENM1 | -1.74  | 1.21E-03 |
| TENM2 | -1.74  | 1.18E-02 |
| ANGPTL7 | -1.73  | 4.32E-03 |
| IL20RA | -1.73  | 2.89E-02 |
| SSTR1 | -1.73  | 3.52E-03 |
| PDGFD | -1.73  | 9.09E-05 |
| PLP1 | -1.72  | 1.19E-02 |
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| CXCL6 | -1.72  | 2.02E-02 |
| FAM3D | -1.72  | 3.82E-02 |
| GAL3ST1 | -1.72  | 2.84E-03 |
| PHYHIP | -1.71  | 5.04E-04 |
| BOC | -1.71  | 1.69E-04 |
| NR3C2 | -1.70  | 2.28E-04 |
| ACVR1C | -1.70  | 4.00E-03 |
| FAM189A2 | -1.70  | 9.65E-04 |
| CD36 | -1.70  | 3.06E-02 |
| RHOJ | -1.69  | 1.60E-06 |
| MIR205HG | -1.69  | 3.80E-03 |
| GYG2 | -1.69  | 4.39E-03 |
| KLHL29 | -1.68  | 3.07E-04 |
| BMX | -1.68  | 2.72E-02 |
| HLF | -1.68  | 5.33E-03 |
| HPSE2 | -1.68  | 5.96E-04 |
| LAMA3 | -1.67  | 6.76E-03 |
| DPY19L2 | -1.67  | 9.70E-03 |
| MT1M | -1.66  | 3.36E-02 |
| PENK | -1.65  | 4.46E-03 |
| CREB5 | -1.65  | 1.76E-05 |
| PDE1C | -1.65  | 5.15E-03 |
| LDB2 | -1.65  | 7.34E-07 |
| AMIGO2 | -1.65  | 5.78E-04 |
| EGFR | -1.65  | 3.01E-03 |
| SCN2B | -1.65  | 1.15E-02 |
| ACADL | -1.65  | 1.36E-02 |
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| CCDC178 | -1.64  | 2.79E-02 |
| MRAP | -1.64  | 8.85E-03 |
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| WDR86 | -1.63  | 1.98E-02 |
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| RUNDC3B | -1.62  | 1.25E-05 |
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| TM4SF18 | -1.62  | 5.00E-05 |
| CDO1 | -1.62  | 1.71E-03 |
| RBP7 | -1.62  | 2.56E-03 |
| HAND2-AS1 | -1.62  | 4.78E-02 |
| MICU3 | -1.61  | 2.48E-03 |
| PLPPR1 | -1.61  | 3.58E-02 |
| NDRG2 | -1.61  | 9.74E-04 |
| RBMS3 | -1.61  | 3.71E-04 |
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| CAV1 | -1.58  | 2.89E-04 |
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| CORO2B | -1.58  | 2.85E-02 |
| FIGN | -1.58  | 3.60E-02 |
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| CXCL12 | -1.58  | 3.22E-04 |
| LAMA1 | -1.57  | 4.29E-02 |
| FAT2 | -1.57  | 3.58E-02 |
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| ASTN1 | -1.56  | 2.66E-02 |
| ABCA9 | -1.56  | 2.39E-03 |
| DENND2A | -1.56  | 3.14E-03 |
| GHR | -1.56  | 1.61E-02 |
| RNF128 | -1.56  | 6.15E-03 |
| KL | -1.56  | 1.88E-04 |
| EBF3 | -1.55  | 3.66E-04 |
| HS3ST4 | -1.55  | 5.38E-04 |
| PROS1 | -1.55  | 6.47E-05 |
| CCDC85A | -1.55  | 4.83E-02 |
| CCDC8 | -1.54  | 7.91E-05 |
| IGFBP6 | -1.54  | 1.10E-04 |
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| PLA2R1 | -1.54  | 8.88E-05 |
| ASPA | -1.54  | 8.00E-03 |
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| SPATA18 | -1.50  | 1.85E-02 |
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| PREX2 | -1.50  | 1.14E-03 |
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| PLSCR4 | -1.48  | 3.66E-04 |
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| LRFN5 | -1.48  | 4.38E-03 |
| LRRTM2 | -1.48  | 3.20E-03 |
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| CIDEC | -1.47  | 2.10E-02 |
| RUNX1T1 | -1.47  | 8.19E-03 |
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| NR2F2-AS1 | -1.45  | 2.88E-02 |
| ZNF837 | -1.45  | 3.64E-02 |
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| NFIX | -1.45  | 2.77E-02 |
| FZD7 | -1.45  | 3.58E-04 |
| FAM13C | -1.45  | 1.28E-04 |
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| LINC02712 | -1.45  | 3.82E-02 |
| TNN | -1.44  | 9.45E-03 |
| RASSF6 | -1.44  | 1.81E-02 |
| PGM5 | -1.44  | 7.48E-03 |
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| SH3BGRL2 | -1.44  | 1.04E-03 |
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| MEOX1 | -1.42  | 2.65E-03 |
| GPAM | -1.42  | 1.34E-03 |
| FAM13A | -1.41  | 2.25E-04 |
| ARHGAP20 | -1.41  | 5.97E-05 |
| PLEKHA4 | -1.41  | 4.51E-02 |
| CNTNAP3P2 | -1.40  | 1.60E-02 |
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| SEMA6D | -1.40  | 6.34E-03 |
| MEG3 | -1.39  | 2.98E-02 |
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| FGF7P3 | -1.39  | 9.09E-05 |
| AKR1C3 | -1.39  | 4.44E-02 |
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| TMTC1 | -1.38  | 6.82E-03 |
| MYLK | -1.38  | 1.04E-03 |
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| KANK3 | -1.38  | 1.17E-04 |
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| PRDM11 | -1.36  | 1.80E-03 |
| NAP1L2 | -1.36  | 4.03E-02 |
| ST8SIA2 | -1.36  | 4.91E-02 |
| NECTIN3-AS1 | -1.36  | 2.72E-02 |
| RASSF9 | -1.35  | 9.72E-03 |
| CKMT2 | -1.35  | 9.15E-03 |
| FOXP2 | -1.35  | 9.60E-03 |
| PCDH9 | -1.35  | 2.06E-02 |
| LHFPL6 | -1.35  | 2.19E-04 |
| STOX2 | -1.35  | 3.08E-02 |
| TPT1-AS1 | -1.35  | 5.28E-04 |
| ALDH1A1 | -1.34  | 9.87E-03 |
| DEFB124 | -1.34  | 1.22E-02 |
| GPRASP1 | -1.34  | 9.09E-05 |
| AKAP12 | -1.33  | 5.13E-03 |
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| MYH3 | -1.33  | 4.86E-02 |
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| NFASC | -1.33  | 3.26E-02 |
| AFP | -1.33  | 9.25E-03 |
| PLPP3 | -1.32  | 5.80E-06 |
| PPARG | -1.32  | 2.54E-02 |
| L3MBTL4 | -1.32  | 3.66E-02 |
| AMPD1 | -1.32  | 1.35E-02 |
| PAK3 | -1.32  | 1.03E-04 |
| SOBP | -1.32  | 8.51E-05 |
| MIR100HG | -1.32  | 1.90E-03 |
| TPTEP1 | -1.32  | 1.33E-02 |
| RNF186 | -1.32  | 2.15E-02 |
| GULP1 | -1.32  | 4.00E-03 |
| THRB | -1.31  | 6.07E-03 |
| LIPC | -1.31  | 1.20E-02 |
| TDRD6 | -1.31  | 5.39E-03 |
| WDFY3-AS2 | -1.31  | 1.03E-03 |
| HOXA7 | -1.31  | 1.46E-02 |
| MAML2 | -1.31  | 1.71E-04 |
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| PER2 | -1.27  | 3.22E-04 |
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| USP44 | -1.25  | 3.96E-02 |
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| LINC00893 | -1.24  | 1.44E-02 |
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| ADAMTS1 | -1.24  | 1.03E-02 |
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| CACNA1G | -1.23  | 7.92E-03 |
| DCLK1 | -1.22  | 1.82E-02 |
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| LINC00523 | 1.14  | 6.30E-04 |
| PLA2G4E-AS1 | 1.14  | 4.68E-02 |
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| FCGR1B | 1.14  | 1.73E-02 |
| PSTPIP1 | 1.14  | 1.91E-03 |
| RNASEH2A | 1.15  | 4.09E-03 |
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| PPP1CA | 1.15  | 6.96E-05 |
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| RUNX1-IT1 | 1.16  | 2.02E-02 |
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| CEP85 | 1.17  | 1.78E-03 |
| CDKN2D | 1.17  | 1.77E-03 |
| B4GALNT2 | 1.17  | 1.37E-02 |
| TDRKH | 1.17  | 1.19E-02 |
| BGN | 1.17  | 1.19E-02 |
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| ZNF649-AS1 | 1.19  | 9.79E-03 |
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| SLC50A1 | 1.20  | 2.45E-04 |
| IL21R | 1.20  | 8.93E-03 |
| COPE | 1.20  | 5.72E-05 |
| PARPBP | 1.20  | 2.25E-03 |
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| LINC01521 | 1.21  | 4.45E-02 |
| ST8SIA5 | 1.21  | 9.52E-04 |
| ATG9B | 1.22  | 4.85E-03 |
| TCF19 | 1.22  | 4.80E-03 |
| GPR35 | 1.22  | 5.93E-03 |
| SLC6A19 | 1.22  | 3.09E-02 |
| ATAD2 | 1.22  | 1.67E-02 |
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| LMNB1 | 1.23  | 1.01E-02 |
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| ECE2 | 1.23  | 4.14E-03 |
| FLAD1 | 1.23  | 3.87E-05 |
| ZNF367 | 1.23  | 4.43E-03 |
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| TACC3 | 1.24  | 2.53E-04 |
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| COL8A1 | 1.25  | 1.85E-02 |
| PIMREG | 1.25  | 1.98E-03 |
| CD300LF | 1.25  | 1.04E-03 |
| CENPL | 1.25  | 1.35E-03 |
| SKA1 | 1.25  | 2.84E-02 |
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| MYLK-AS1 | 1.26  | 2.00E-02 |
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| OAS3 | 1.27  | 1.48E-02 |
| PCOTH | 1.27  | 2.53E-02 |
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| CRIP2 | 1.31  | 2.37E-02 |
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| PAFAH1B3 | 1.31  | 5.18E-04 |
| ZDHHC12 | 1.32  | 1.18E-04 |
| KIF18B | 1.33  | 5.91E-04 |
| ATXN3L | 1.33  | 3.36E-02 |
| CXCR3 | 1.33  | 8.22E-03 |
| B3GNT6 | 1.33  | 1.18E-02 |
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| CD37 | 1.34  | 8.93E-03 |
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| AURKB | 1.38  | 5.54E-03 |
| TRPM2 | 1.39  | 5.19E-05 |
| TK1 | 1.39  | 2.53E-04 |
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| NDC80 | 1.40  | 1.26E-02 |
| CDT1 | 1.40  | 2.97E-02 |
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| STX17-AS1 | 1.41  | 9.52E-03 |
| FPR3 | 1.41  | 1.66E-03 |
| SRPK3 | 1.41  | 4.87E-02 |
| CD70 | 1.42  | 8.58E-03 |
| TLCD1 | 1.42  | 1.01E-02 |
| RMI2 | 1.42  | 6.49E-04 |
| SLAMF8 | 1.43  | 7.16E-03 |
| PGAM5 | 1.43  | 3.49E-02 |
| CCNA2 | 1.44  | 3.14E-03 |
| SPC24 | 1.45  | 5.82E-04 |
| LINC01943 | 1.46  | 2.16E-02 |
| CDH2 | 1.46  | 1.22E-02 |
| MND1 | 1.47  | 1.12E-02 |
| S100A11 | 1.47  | 1.06E-05 |
| IQGAP3 | 1.47  | 1.04E-03 |
| ZNF460 | 1.47  | 2.74E-03 |
| UBE2S | 1.47  | 1.05E-03 |
| GBP5 | 1.47  | 3.25E-02 |
| CCDC187 | 1.48  | 2.84E-03 |
| SGO1 | 1.48  | 1.79E-03 |
| ADM2 | 1.48  | 3.49E-03 |
| H1-6 | 1.48  | 1.01E-02 |
| LIMD2 | 1.49  | 6.15E-03 |
| GINS1 | 1.49  | 4.83E-03 |
| LOC101927539 | 1.49  | 2.25E-03 |
| CENPA | 1.49  | 1.47E-03 |
| KIF26B | 1.49  | 2.35E-03 |
| NUTM1 | 1.49  | 4.63E-03 |
| HMGB3 | 1.49  | 1.66E-03 |
| HMGB3P1 | 1.50  | 1.03E-03 |
| CDC6 | 1.50  | 9.20E-03 |
| SLC35D3 | 1.51  | 4.83E-02 |
| SLC24A2 | 1.51  | 1.06E-02 |
| CD5 | 1.51  | 2.28E-02 |
| KIF23 | 1.52  | 1.22E-03 |
| CAPS | 1.52  | 2.20E-02 |
| KMO | 1.52  | 4.24E-02 |
| TROAP | 1.52  | 5.19E-05 |
| KIF11 | 1.55  | 1.78E-03 |
| HPSE | 1.55  | 1.11E-04 |
| TIGIT | 1.55  | 1.85E-02 |
| BUB1B | 1.56  | 7.25E-04 |
| E2F1 | 1.56  | 2.96E-03 |
| CCNB1 | 1.56  | 1.67E-03 |
| GINS4 | 1.56  | 1.31E-02 |
| NOX4 | 1.58  | 1.95E-04 |
| MTFR2 | 1.59  | 1.90E-03 |
| DCAF4L1 | 1.60  | 1.92E-02 |
| JPT1 | 1.60  | 4.57E-04 |
| CDC20 | 1.60  | 6.78E-03 |
| GPRC5A | 1.60  | 4.38E-02 |
| TNFSF4 | 1.60  | 2.37E-05 |
| LINC02544 | 1.61  | 3.55E-03 |
| CCR7 | 1.61  | 5.15E-03 |
| IL2RG | 1.62  | 8.51E-04 |
| CLNK | 1.63  | 1.10E-02 |
| MFAP2 | 1.63  | 9.09E-05 |
| CENPI | 1.64  | 5.71E-04 |
| CKS2 | 1.64  | 1.35E-04 |
| PLA1A | 1.64  | 3.68E-03 |
| KNL1 | 1.65  | 1.20E-04 |
| PPEF1 | 1.65  | 1.03E-04 |
| EPSTI1 | 1.66  | 8.65E-04 |
| WNT7B | 1.66  | 1.86E-02 |
| HES2 | 1.67  | 4.59E-02 |
| CTHRC1 | 1.67  | 2.81E-06 |
| PRC1 | 1.67  | 5.77E-04 |
| ORC1 | 1.67  | 1.50E-02 |
| C3orf67 | 1.67  | 2.53E-02 |
| DTL | 1.67  | 2.83E-04 |
| RSAD2 | 1.69  | 1.01E-02 |
| OASL | 1.70  | 1.07E-02 |
| HAPLN1 | 1.70  | 1.22E-03 |
| ERCC6L | 1.70  | 3.00E-03 |
| KIF15 | 1.71  | 1.09E-03 |
| BUB1 | 1.71  | 5.09E-04 |
| TRAF2 | 1.72  | 5.09E-04 |
| RAD54L | 1.72  | 1.78E-02 |
| SULF1 | 1.72  | 2.80E-05 |
| C6orf99 | 1.73  | 2.61E-02 |
| H2BC11 | 1.74  | 2.29E-02 |
| RDM1 | 1.74  | 5.69E-05 |
| E2F7 | 1.74  | 3.05E-03 |
| ZWINT | 1.74  | 1.36E-04 |
| KCNJ9 | 1.75  | 1.01E-06 |
| C3orf80 | 1.76  | 1.35E-03 |
| CST2 | 1.77  | 9.11E-03 |
| LINC02245 | 1.77  | 4.00E-03 |
| H2BC3 | 1.77  | 1.11E-02 |
| GPR84 | 1.78  | 6.69E-04 |
| OIP5 | 1.78  | 9.81E-04 |
| CDCA3 | 1.78  | 1.58E-03 |
| CENPE | 1.78  | 1.14E-03 |
| CENPM | 1.79  | 2.97E-03 |
| OR2B2 | 1.79  | 2.75E-03 |
| NCAPH | 1.79  | 4.37E-04 |
| VSX1 | 1.79  | 6.20E-03 |
| DEPDC1B | 1.79  | 2.08E-03 |
| IFI6 | 1.80  | 3.38E-03 |
| UNC5B-AS1 | 1.81  | 1.09E-02 |
| DNASE2B | 1.83  | 8.38E-03 |
| NCAPG | 1.83  | 8.26E-04 |
| KIF14 | 1.84  | 9.05E-04 |
| CCNE2 | 1.84  | 3.22E-04 |
| KIF4A | 1.84  | 1.51E-04 |
| CHAC1 | 1.85  | 3.30E-03 |
| KIF20A | 1.86  | 1.24E-04 |
| GJA3 | 1.87  | 8.51E-04 |
| PTTG3P | 1.87  | 3.11E-05 |
| CDC25C | 1.88  | 4.38E-04 |
| RTKN2 | 1.89  | 3.43E-03 |
| UHRF1 | 1.89  | 2.28E-04 |
| TDO2 | 1.89  | 1.25E-02 |
| CXCL9 | 1.91  | 3.06E-02 |
| PYCR3 | 1.93  | 3.05E-02 |
| ISG15 | 1.93  | 4.45E-03 |
| SPP1 | 1.93  | 8.15E-04 |
| TREM1 | 1.93  | 1.31E-03 |
| CDKN3 | 1.94  | 1.95E-04 |
| CENPF | 1.94  | 1.08E-04 |
| NUSAP1 | 1.94  | 2.21E-05 |
| CKAP2L | 1.95  | 1.88E-04 |
| HES6 | 1.98  | 3.83E-02 |
| MELK | 1.99  | 3.38E-04 |
| PTTG1 | 1.99  | 8.88E-05 |
| PCLAF | 2.00  | 4.75E-06 |
| HMMR | 2.02  | 3.19E-04 |
| RRM2 | 2.02  | 8.88E-05 |
| FAM83D | 2.04  | 2.11E-03 |
| OLR1 | 2.05  | 1.60E-06 |
| DLGAP5 | 2.06  | 4.81E-04 |
| SPC25 | 2.07  | 9.74E-05 |
| CCNB2 | 2.08  | 1.00E-04 |
| DEPDC1 | 2.09  | 8.46E-04 |
| MMP9 | 2.09  | 1.17E-04 |
| LRRC15 | 2.12  | 9.74E-04 |
| PSCA | 2.13  | 3.82E-02 |
| E2F8 | 2.13  | 3.24E-04 |
| PBK | 2.13  | 7.85E-04 |
| FANCB | 2.13  | 2.03E-03 |
| UBE2C | 2.14  | 6.47E-05 |
| CCN4 | 2.15  | 1.99E-05 |
| UBE2T | 2.15  | 5.19E-05 |
| HJURP | 2.15  | 7.00E-05 |
| HSD17B6 | 2.16  | 1.60E-06 |
| H2AC17 | 2.20  | 8.94E-05 |
| FNDC1 | 2.20  | 1.09E-04 |
| TOP2A | 2.23  | 1.69E-05 |
| EXO1 | 2.26  | 4.73E-04 |
| P4HA3 | 2.26  | 8.09E-05 |
| PITX1 | 2.28  | 2.60E-03 |
| SYNDIG1 | 2.28  | 9.09E-05 |
| NUF2 | 2.28  | 5.56E-05 |
| CEP55 | 2.29  | 9.74E-05 |
| ANLN | 2.29  | 4.89E-04 |
| KIFC1 | 2.34  | 1.14E-03 |
| KIF2C | 2.36  | 2.65E-05 |
| ADAMDEC1 | 2.36  | 5.03E-03 |
| CDK1 | 2.38  | 9.79E-05 |
| AURKA | 2.40  | 6.32E-06 |
| SYNGR3 | 2.44  | 6.69E-04 |
| LHX2 | 2.44  | 2.06E-03 |
| PLPP4 | 2.46  | 3.57E-05 |
| FOXM1 | 2.46  | 1.14E-03 |
| CDCA8 | 2.48  | 1.96E-06 |
| CXCL10 | 2.49  | 8.52E-04 |
| INHBA | 2.51  | 1.08E-06 |
| CDC45 | 2.52  | 1.25E-03 |
| CLEC5A | 2.53  | 6.48E-07 |
| TPX2 | 2.61  | 1.28E-05 |
| ASPM | 2.62  | 9.74E-05 |
| BIRC5 | 2.64  | 1.46E-04 |
| CEMIP | 2.72  | 1.51E-04 |
| UTS2 | 2.81  | 2.75E-03 |
| NEK2 | 2.86  | 6.10E-07 |
| S100P | 2.94  | 3.01E-02 |
| GJB2 | 2.99  | 1.12E-04 |
| MMP13 | 2.99  | 5.22E-03 |
| COMP | 3.09  | 6.03E-06 |
| MMP1 | 3.17  | 1.27E-03 |
| MMP11 | 3.19  | 1.26E-07 |
| CXCL11 | 3.22  | 7.51E-04 |
| EPYC | 3.46  | 1.96E-03 |
| IBSP | 3.68  | 1.60E-04 |
| COL11A1 | 4.03  | 3.58E-06 |
| COL10A1 | 4.55  | 2.18E-12 |