

DEGs	Gene Name
Up-regulated	ABI3BP SLC22A3 COL4A6 PDLIM3 ZFPM2 SHISA3 ANGPTL1 CLDN1 LNX2 GPR155 HSD17B6 CCPG1 RASL10A RERG BCAT1 ZNF404 VCAM1 IL6 PEG10 RGS11 ADAMTSL3 HERC5 FBXL13 SERPINE1 GATA6 HBEGF DPY19L2 PRL ELN LOC440934 CXCL2 KALRN SPTLC3 RPRM GHR MFAP5 ZNF780A CD69 INHA NUDT13 LOC155060 ITPR1 SPEF2 ABAT PCOLCE2 PTPRR LOC202181 SPRR2G KIF13A B4GALT5 HSD11B1 DFNB31 ABCA1 ZNF155 NTRK3 STEAP2 FAM19A2 CYP4Z1 KLHL5 SMAD6 FAM78B FOSB AGXT2L2 STOX2 KIAA1324L PRUNE2 IRAK3 C7orf53 TSPAN2 C9orf68 NPPB STAC MUM1L1 CCNT2 BANK1 FAM150A FAM134B SLC35F1 AOX1 CPB1 B3GNT2 KIR2DS1 RDH5 LOC650293 CACNB2 C2orf63 PON3 POPDC2 KRT7 PGBD1 DAPK1 MAOA ANKRD6 ZNF547 PCDH20 NUDT12 S100A1 CDX2 3-Mar ASAH1 HESX1 CCL8 CCL2 TLR6 MEGF10 GALNTL4 WIF1 CGN CCRL1 FLJ40712 ODAM TM6SF1 PTX3 CAMK2G OR6Y1 OR7E91P CPA4 CCDC85A PPFIA4 ZNF540 HCG27 TMEM154 C10orf54 KIAA1984 PITX3 SELP PROK1 CA13 PNMA2 MBD5 RGS1 COBLL1 TPK1 C21orf81 SCG2 PTGS2 PTGIS ENPP5 NOS1AP CCL3L3 NEBL NTF3 RAB30 NELL2 EEF1A2 MMP23B PAFAH2 ARSK PLEKHH2 NR5A1 LMO1 ITGB1BP2 BACH2 TAS2R43 C2orf40 PDE1A PAK3 KLHL4 SLC12A6 PID1 STAC2 ZNF169 CA3 CYP2D6 MGC4294 C20orf106 BMP6 SPESP1 MFI2 ARC PIK3C2G AADAC UBQLNL SH3RF2 C14orf79 AQP11 DNAH2 KIAA0895 FAM98B C15orf5 CXCL17 ENO2 CACNB1 PTPN22 CYTL1
Down-regulated	MMP11 GPR124 FBLN1 PCOLCE CRABP2 PTK7 SMARCC1 CCND1 NEO1 SERPINH1 CDC42EP5 OLFML3 THOC4 RASL11B ALDH1A1 PGD PDIA4 QPRT CARD9 MRPS6 VPS18 MARCKSL1 FZD2 DBN1 HDGF TBX2 TPM4 FJX1 ACP5 SUMF2 AP3D1 OSR2 STRA6 HOXA10 TUBA1A CDT1 FOXL2 DACT3 HSPA2 TUBB PPIB HIST1H4C H2AFX CPXM1 WNT5A HSP90B1 RAMP1 MMP7 VASP CTSK NES DIO2 IFITM1 SOX4 C5orf13 CIB2 CD248 ANXA2P1 PPAP2A S100A4 RRBP1 RARRES2 H19 HNRNPCL1 ARPC5L TK1 C1orf54 HIST1H4J NR1H3 IER5L BIRC5 LMAN2 AEBP1 PDGFRB IDH2 TUBA1C ARPC1B SLC1A5 PTMA EIF3A PDIA3 HOXA11 PALLD HMGB1 AGR2 IFITM5 UBE2C PSMD2 TMEM119 NR2F2 SDF2L1 COL3A1 NCL SSR2 ISLR ARPC5 NAPRT1 MOXD1 NR2F1 G3BP1 APOE STT3A SERPINF1 OAF HIST1H4L HOXD10 EID1 PSMA7 F10 CTSB PDIA6 ANKRD35 COX6A2 SFRP1 HOXA13 SPON2 COL1A2 NPAS3 ZFP36L2