**EWAS Gene Results**

DHMC - LFC +-1, P value < 0.05/100

*No Adjustment:*

Hypomethylated

DLX6AS PCDHGA4 PCDHGC3 DLX6AS PCDHGA4 OTX2 PCDHGA4

ZNF606 CYP1B1 CALCA LRRFIP1 NKX2-2 DLX6AS LOC401463 NTNG2 TMEM130 LY6H RFX4 RPH3A DAAM2 SND1 LOC168474 SFRP2 LY6H C8orf85 MAFB TFAP2B

Hypermethylated

TTC41P HLA-DRB5 ZNF70

*HiTIMED Adjusted:*

Hypomethylated

LOC401463 NKX2-2 KCNK10 DLX6AS PCDHGC3 PCDHGA4 OTX2 NKX2-4 DAAM2 GAS7 CALCA DLX6AS PCDHGA4 CYP1B1 PCDHGA4 SND1 LY6H LY6H LRRFIP1 C8orf85 RBMS1 CALCA NTNG2 TFAP2B TLX2 RFX4 DLX5 GRIN2A TMEM130

Hypermethylated

TTC41P HLA-DRB5 ZNF70

DHMC - LFC +-1, P value < 0.001

*No Adjustment:*

Hypomethylated

DLX6AS PCDHGA4 PCDHGC3 DLX6AS PCDHGA4 OTX2 PCDHGA4 ZNF606 CYP1B1 CALCA LRRFIP1 NKX2-2 DLX6AS LOC401463 NTNG2 TMEM130 LY6H RFX4 RPH3A DAAM2 SND1 LOC168474 SFRP2 LY6H C8orf85 MAFB TFAP2B MS4A4A NKX2-4 PTK2B NKX2-4 TMC2 MAGI2-AS3 SPRR4 LRRC4 FEZF2 GAS7 MYF5 ESX1 DIRAS1 GJA4 GJA4 EMX2OS CR1L FLJ43390 NKX2-4 TMEM132E GRIN2A HMX3

Hypermethylated

TTC41P HLA-DRB5 ZNF70 TSHZ1 NCRNA00052 LINC00483 CYP4V2 GALNT9

*HiTIMED Adjusted:*

Hypomethylated

LOC401463 NKX2-2 KCNK10 DLX6AS PCDHGC3 PCDHGA4 OTX2 NKX2-4 DAAM2 GAS7 CALCA DLX6AS PCDHGA4 CYP1B1 PCDHGA4 SND1 LY6H LY6H LRRFIP1 C8orf85 RBMS1 CALCA NTNG2 TFAP2B TLX2 RFX4 DLX5 GRIN2A TMEM130

Hypermethylated

TTC41P HLA-DRB5 ZNF70