

Supplementary Table 2. Top 20 highly ranked gene peaks

Gene Symbol	log2FC	FDR
CYP1A1	2.40	6.37E-11
VIPR1	3.92	9.77E-10
CCDC28A	1.60	5.91E-06
TONSL	-3.14	7.57E-05
MYL12AP1	1.49	1.23E-04
SLC44A1	2.06	1.56E-04
ACP7	-7.46	5.64E-04
KATNBL1P2	1.64	7.48E-04
HNRNPA1P62	1.70	8.38E-04
ADRB2	7.47	8.48E-04
CUX1	-7.27	1.26E-03
IL17RE	-7.27	1.26E-03
PARD3	-7.27	1.26E-03
AKR7A3	-7.34	1.26E-03
F2RL3	1.56	1.36E-03
SNN	-7.20	1.89E-03
ADGRF1	2.66	2.57E-03
ZFYVE27	-7.13	2.97E-03
CPNE7	1.69	3.94E-03
FAM49A	-1.94	4.45E-03