

SUPPLEMENTAL TABLE S5

BMI GWAS genes in clusters

Temporal mRNA Expression Cluster from Fig.6	# of GTEx genes in cluster	GTEx genes in cluster	# of BMI GWAS SNP closest genes in cluster	Gene symbol - SNP closest gene	enrichment p-value	
cluster1	192	ABCA1,ASIC1,ASIC4,AFF2,ALCAM,ALDH3B1,ALK,ALPP,ANK	14	ALCAM,ALK,BCL2,CADM2,CSMD3,EPB41L4B,FOXP2,LINGO2,PDZRN4,R	3.34E-07	+515%
cluster2	230	AADAT,ACACB,ACTB,ADAM23,AGBL5,AGPAT4,AIF1L,AK2,/	6	ALYL,SEMA6C,VWC2,WNK1,YWHAZ	0.04922	
cluster3	208	ANKRD6,C1QL4,LAMP5,NDNF,CNTN2,CXXC4,EBF1,EBF3,FC	4	ADAM23,BACE2,CCNE1,CPNE8,CPS1,RCAN2	0.21558	
cluster4	238	ABCA2,ABCA3,ABR,ADCY1,ADCY3,ADD2,ADRBK1,AEBP1,A	7	AUTS2,FIGN,RARB,RCAN2	0.01993	+139%
cluster5	377	AACS,ABTB1,ADAMTS1,ADAMTS3,ADAMTS9,ADCK2,ADRB	9	ADCY3,CBLN1,FOXO3,NAV1,NCAM1,SBK1,SYT13	0.02986	+97%
cluster6	183	ABCB7,ABCF2,ACBD3,ACSL3,ACVR1,ADAMTSL1,ADSSL1,AL	3	CPNE4,PPARG,SOX5,ALPK1,COL16A1,ELAVL4,LRP1B,NLGN1,NFIX	0.34900	
cluster7	82	BCAT1,BOC,C1orf106,CCND1,CD200R1,CDKN1C,CNGA3,Cf	2	KAT8,PDXDC1,VEGFA	0.24135	
cluster8	126	ADCY1,ADORA1,AKR1C3,ANGPTL4,ANKS1B,AP1G2,APOE,/	1	PCSK1,TFAP2B	0.76665	
cluster9	208	ACADM,AKR1B1,ALDH7A1,ALG6,ALG8,TMEM237,ANGPT1	0	CDH13	1.00000	
cluster10	407	ABL1,ACACA,ACTB,ACTN1,ACVR1B,ADAR,ADCK1,ADCY9,A	7	CSNK1G2,FOXO3,MAP2K5,SSBP3,ZC3H4,ZNF536,ZNF608	0.18641	
cluster11	392	ACN9,ACTG2,ACYP2,ADK,AGA,AIM2,AKAP14,AKAP7,ALG1-	3	GRP,MTIF3,PTPN2	0.82952	
cluster12	138	ADM,ALPL,ANLN,ARL4A,ARRDC3,AURKA,AURKB,BAIAP2L1	2	SPAG16,TMEM38B	0.47009	