

Table S4. Statistical tests for the enrichment of DEGs in the obesity-related genes identified by GWAS.

		# matched with DEGs	# matched with total	# DEGs	# Total Genes	P
Fisher's exact test	AC-specific-up	13		779		ns
	AC-specific-down	94		1,842		***
	preAC-specific-up	1	641	79	20,394	ns
	preAC-specific-down	7		98		*

‘#’ means ‘the number of’; ‘P’ means *P* value; ‘*’ means $P < 0.05$, ‘***’ means $P < 0.001$.