TABLE S1: The information for alleles captured by rs11878868, rs107251, rs352493, rs4807546 and rs3760908, accordingly.

Alleles captured	Location	tagSNP	r <sup>2</sup>	Potential function <sup>a</sup>		- Reported traits	Reference
				TFBS	miRNA	•	
rs11878868	3' UTR	rs11878868	1.0	-	-	-	-
rs350844	Intron 4	rs107251	1.0	-	-	-	-
rs107251	Intron 4	rs107251	1.0	-	-	carotid plaque, Aging and longevity	[31,32]
rs352493	Intron 2	rs352493	1.0	-	-	-	-
rs4807546	Intron 1	rs4807546	1.0	Y	-	-	-
rs3760908	5' UTR	rs3760908	1.0	Y	-	-	-
rs3760905	5' UTR	rs3760908	1.0	Y	-	carotid plaque	[31]

<sup>&</sup>lt;sup>a</sup> The potential functions of the SNPs were predicted by online webserver (http://snpinfo. niehs.nih.gov/snpinfo/snpfunc.htm)

 $\textbf{TABLE S2:} \ \ \text{The sequences of the primers and probes used to genotype the rs11878868, rs107251, rs352493, rs4807546 and rs3760908 polymorphisms.}$ 

Name	Sequence (5'-3')
Primers	
rs11878868-F	AGGAACAAGGGCTCACCTCT
rs11878868-R	GCTGCCTTATTGGCTTCATC
rs107251-F	TGACCAGAACTAGCACCCAG
rs107251-R	GCTTTGTTTTCTGTGCTCCG
rs352493-F	ATGCCAGAGGCAGTGCTGAT
rs352493-R	AAGGTGTGGGAACTGGCGA
rs4807546-F	CTTTATCCTGAGGGTGATGG
rs4807546-R	TGGCTGGAGGGATCTTTCTG
rs3760908-F	ACACACATGCACTCGTTCAC
rs3760908-R	TGATGGCCGGGTGGGATGTT
Probes	
rs11878868_modify	P-TCTGGAGGGATCAGGCCAGTTTTTTTTTTTTTTTTTTTT
rs11878868_G	TTTTTTTTTTTTTTTCTCACCTCTCCCCCACCCCGCC
rs11878868_T	TTTTTTTTTTTTTTTTTCTCACCTCTCCCCCACCCCGCA
rs107251_modify	P-TGGAAGGCTACTCGTTCCGTTTTTTTTTTTTTTTTTTTT
rs107251_C	TTTTTTTTTTTTTTTTTTTGCAGCATCCCAGCCCGTTATTCG
rs107251_T	TTTTTTTTTTTTTTTTTTTTTGCAGCATCCCAGCCCGTTATTCA
rs352493_modify	P-TGTGGTGTTCCACACGGGTGTTTTTTTTTTTTTTTTTTT
rs352493_C	TTTTTTTTTTTTTTTTTTTTAGGCTGGTCTGGCAGTCTTCCAG
rs352493_T	TTTTTTTTTTTTTTTTTTTTTAGGCTGGTCTGGCAGTCTTCCAA
rs4807546_modify	P-ATGTGCCAGAAAGATCCCTCTTTTTTTTTTTTTTTTTTT
rs4807546_C	TTTTTTTTTTTTTTTTTTTTTCCCTGGCGAGGGGACTGGACAGG
rs4807546_T	TTTTTTTTTTTTTTTTTTTTTTTTCCCTGGCGAGGGGACTGGACAGA
rs3760908_modify	P-GCCTTGGAGGAAGCTAGGCATTTTTTTTTTTTTTTTTTT
rs3760908_A	TTTTTTTTTTTTTTTTTTTTTTTTTTTTTCCCGGGTGGGATGTTGAGCACCT
rs3760908_G	TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT