

Supplementary Information

Figure S1 High-resolution melting curves of the five SNPs.

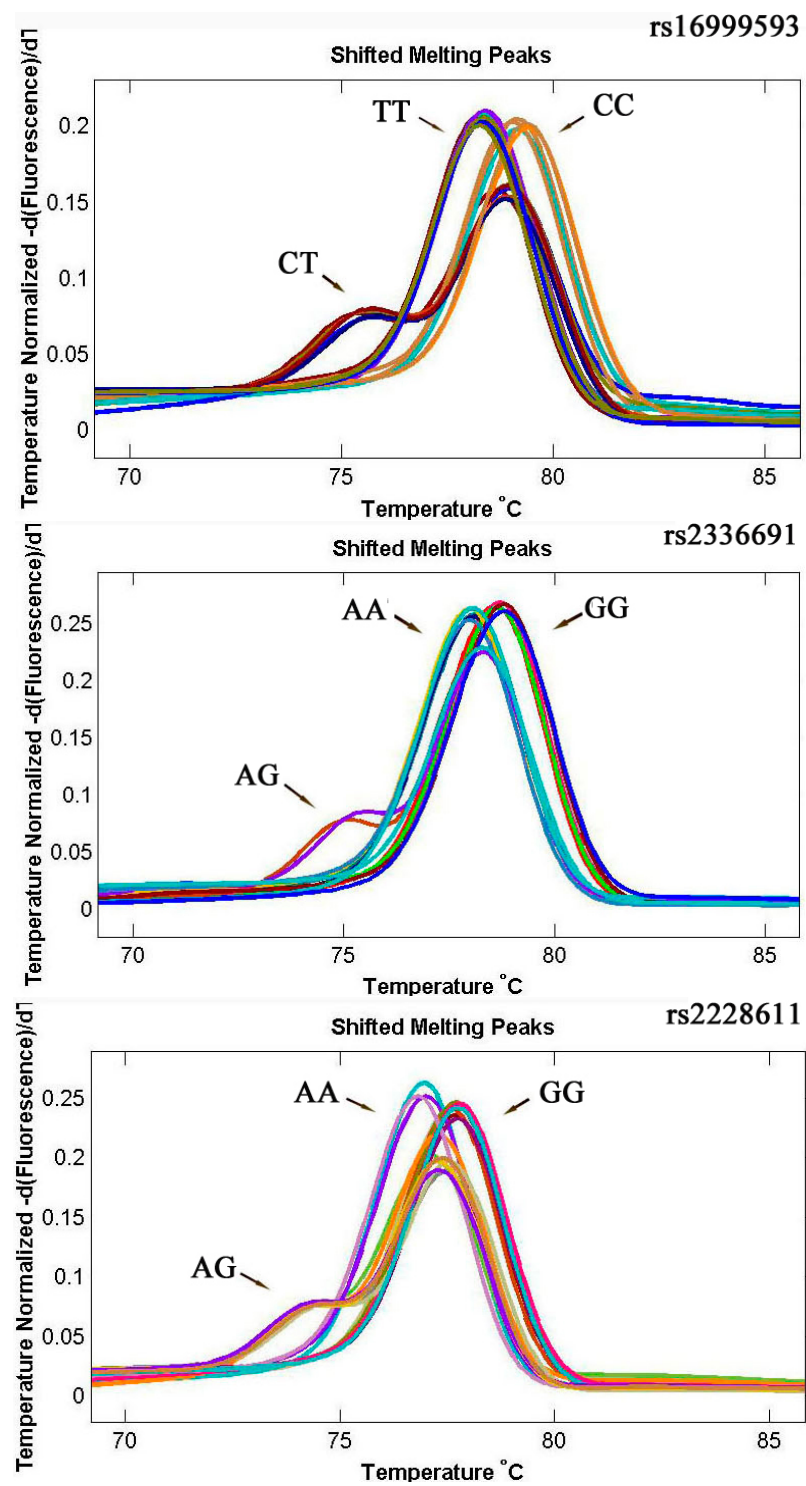


Figure S1. Cont.

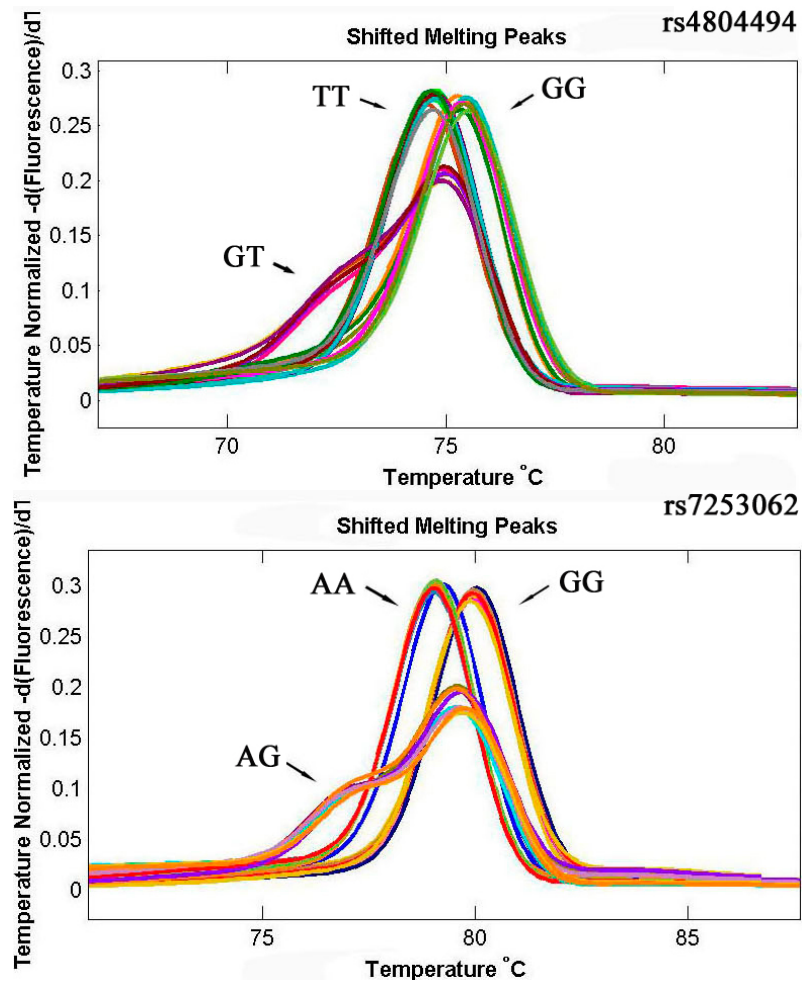


Table S1. Genotype comparison between CAD cases with and without specific comorbidity.

rs2228611						
Genotype	CAD ¹	CAD with HT	CAD ²	CAD with HL	CAD ³	CAD with DM
	(<i>n</i> = 151)	(<i>n</i> = 325)	(<i>n</i> = 371)	(<i>n</i> = 105)	(<i>n</i> = 338)	(<i>n</i> = 138)
GG	74	147	169	52	154	67
AG	64	131	155	40	144	51
AA	13	47	47	13	40	20
<i>p</i>	0.142		0.563		0.961	
rs2336691						
Genotype	CAD ¹	CAD with HT	CAD ²	CAD with HL	CAD ³	CAD with DM
	(<i>n</i> = 151)	(<i>n</i> = 325)	(<i>n</i> = 371)	(<i>n</i> = 105)	(<i>n</i> = 338)	(<i>n</i> = 138)
GG	103	237	271	69	233	107
AG	42	77	90	29	91	28
AA	6	11	10	7	14	3
<i>p</i>	0.301		0.050		0.045	

¹ CAD patients without hypertension; ² CAD patients without hyperlipidemia; ³ CAD patients without diabetes. *p*, *p* values derived from the chi-square test of allele frequency. HT: hypertension; HL: hyperlipidemia; DM: diabetes mellitus.

Table S2. Genotype comparison between Controls and CAD cases with specific pathological states.

Genotype	rs7253062	
	Control (<i>n</i> = 478)	CAD ¹ (<i>n</i> = 105)
GG	242	47
AG	203	40
AA	33	18
<i>p</i> *	0.021	-

¹ CAD patients with hyperlipidemia; * values derived from the chi-square test of allele frequency.

Table S3. Amplification primers utilized in the genotype.

SNP	The Sequence of Primers	Amplicons (bp)	Annealing Tm (°C)
rs2228611	F 5'-AAACCAATCTATGATGATGA-3' R 5'-ATCCCGGACTATTCCTT-3'	53	52
rs16999593	F 5'-ATTCACTTCCCGGTTGTA-3' R 5'-ATTTGTCCTTGGAGAACG-3'	47	53
rs7253062	F 5'-AATGTAGAACTGCCAGGA-3' R 5'-GTCAGTAATCAAATCAGACCA-3'	56	52
rs2336691	F 5'-CCAATCTAATCACTTCAGCCC-3' R 5'-TGCAGCTAGAAAGGTTCTGT-3'	49	56
rs4804494	F 5'-AAGAAGATATATACCCACTAAC-3' R 5'-CTGGGATTATAGTCAAACC-3'	53	50