

Supplementary Table 1 Probes details used for the 8 genotyped SNPs

SNPs	Forward	Reverse
rs7313212	ACAGAGCGAGACTCCATC	CCAACAGTGACACAACAGT
rs12812500	TTTCCTCTGTCTTCATTCTG	AAAGTTCCCCTTCTCCCT
rs7980673	GTGTCATATTCTGGTTCC	ATGCTGGTTTAACTTGCTT
rs1908668	CTGGCTGATAATGGTTAG	AGTAGAAGGATGAAGAAGA
rs11838112	GCATTTGTCCTCCCTAACCATGA	GCTTTGAGCTAGACAGACATCTC
rs11177566	CAATATTTGAAGAGGTAATGGTTGAGAAT	CTTGTTATTTGTGATGCTTGGGATT
rs11177568	CACTTTCTGAAGGCGACTGAG	CGACTTTTATCTGTGGCTCAA
rs2305641	AAACTTACCCCTTTGACTGGC	AACAGATGAAGACTTAACTGAAGCA

Supplementary Table 2 Characteristics of the subjects enrolled in this study

Variables	Case (N=177)	Control (N=204)	<i>P</i>
Age, years (mean \pm SD)	67.70 \pm 8.49	60.26 \pm 6.35	<0.001
Exposure years (mean \pm SD)	24.58 \pm 7.00	24.05 \pm 5.69	0.413
Gender, N (100%)			0.225
Male	158 (89.27%)	173 (84.80%)	
Female	19 (10.73%)	31 (15.20%)	
Smoking status, N (100%)			0.003
Current	86(48.59%)	95(46.57%)	
Former	26 (14.69%)	11(5.39%)	
Never	65 (36.72%)	98 (48.04%)	
Pack-year(py), N (100%)			0.034
Never	65 (36.72%)	98 (48.04%)	
1 \leq py \leq 20	49 (27.68%)	56 (27.45%)	
> 20	63 (35.59%)	50 (24.51%)	
Stage, N (100%)			
I	102 (57.63%)		
II	61 (34.46%)		
III	14 (7.91%)		