

Supplementary data:

A common variant in chromosome 9p21 associated with coronary artery disease in Asian Indians

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Table 1. Association of rs10757278 SNP with risk factors of CAD.

Risk factors		AA*	AG*	GG*	P value
Diabetes	Yes	11	38	29	0.089
	No	41	130	60	
Hypertension	Yes	19	51	28	0.62
	No	33	118	61	
Smoking	Yes	14	52	25	0.966
	No	38	114	65	

*Values indicate observed frequencies.

Table 2. Distribution of genotypes with disease severity for rs10757278.

Number of disease vessels	Genotype AA (%)	Genotype AG (%)	Genotype GG (%)	P value
1	4 (23.5)	10 (58.8)	3 (17.6)	0.755
2	4 (10.5)	22 (57.9)	12 (31.6)	
≥ 3	9 (11.4)	42 (53.2)	28 (35.4)	
Age at onset (mean ± s.e.)	49 ± 1.57	48.43 ± 0.77	47.29 ± 1.11	0.583

Table 3. Analysis of variance of the plasma lipid biomarkers and rs10757278 SNP.

Plasma lipid	AA	AG	GG	P value
	Mean ± s.e. [mg/dl]	Mean ± s.e. [mg/dl]	Mean ± s.e. [mg/dl]	
Total cholesterol	5.09 ± 0.05 (164.02)	5.11 ± 0.02 (165.67)	5.13 ± 0.03 (169.02)	0.828
Triglycerides	4.75 ± 0.09 (115.58)	4.89 ± 0.04 (132.95)	4.93 ± 0.06 (138.38)	0.261
HDL cholesterol	3.7 ± 0.04 (40.45)	3.7 ± 0.02 (40.45)	3.78 ± 0.03 (43.82)	0.085
LDL cholesterol	4.55 ± 0.07 (94.63)	4.53 ± 0.03 (92.76)	4.51 ± 0.05 (90.92)	0.888

All variables were transformed into logarithmic values. Re-transformed means are indicated in parenthesis.