

SUPPLEMENTARY MATERIAL

Supplementary material

Table i. Summary of three functional single nucleotide polymorphisms (SNPs) in adiponectin gene

SNP	Base change*	Location	Genotyping rate (%)	HWE† (case/control)
rs182052	G > A	intron	99.06	0.77/0.33
rs2082940	C > T	3' UTR	98.59	0.22/0.68
rs6773957	A > G	3' UTR	98.43	0.30/0.95

*Major allele > minor allele

†HWE, Hardy-Weinberg equilibrium

Table ii. The interaction between rs182052 genotypes and age on knee osteoarthritis (OA) risk

Age (yrs)	Genotype	Case	Control	OR (95% CI)	p-value*
< 57	GG	13	65	1	
< 57	GA/AA	41	146	1.38 (0.69 to 2.77)	0.359
≥ 57	GG	36	85	2.09 (1.02 to 4.29)	0.044
≥ 57	GA/AA	104	142	3.59 (1.87 to 6.91)	< 0.001
p for multiplicative interaction					0.614

*p-value of interaction analysis between rs182052 and age on knee OA risk with adjustment for gender, body mass index, occupation and physical activity
OR, odds ratio; CI, confidence interval; GG, wild-type homozygote; GA, heterozygote; AA, variant homozygote