

Supplementary Material

9p21 Locus Polymorphism is A Strong Predictor of Metabolic Syndrome and Cardiometabolic Risk Phenotypes Regardless of Coronary Heart Disease

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Supplementary table for Figures 3 and 4

Table S1: Comparison of study variables in rs1333049 SNP minor/risk (C) allele and major (G) allele carriers and SD change from population means in C allele carriers

Study Variables	Non-Carrier (GG)	C Allele Carrier (GC + CC)	SD change from population means in C allele Carrier	P-value
Age (Years)	40.8	46.3	2.3	1.36E-04
Weight (Kg)	70.5	72.3	0.1	3.38E-04
SBP (mm/Hg)	126.2	128.4	-8.4	2.57E-02
DBP (mm/Hg)	82.1	84.6	2.2	1.10E-04
FBG (mg/dl)	95.9	102.4	2.1	3.48E-04
TG (mg/dl)	157	174.3	2.2	3.82E-02
TC (mg/dl)	193.9	215.6	-2.6	2.00E-04
HDL (mg/dl)	48.2	43.9	-1.7	4.55E-03
LDL (mg/dl)	112.1	126.4	1	4.70E-05

SBP; systolic blood pressure, DBP; diastolic blood pressure, FBG; fasting blood glucose, TG; triglycerides, TC; total cholesterol, HDL; high-density lipoprotein, LDL; low density lipoprotein.

Supplementary table for Figures 5 and 6

Table S2: Comparison of adiposity traits in rs1333049 SNP minor/risk (C) allele and major (G) allele carriers and SD change from population means in C allele carriers

Adiposity Indices	Non-Carrier (GG)	C Allele Carrier (GC + CC)	SD change from population means in C allele Carrier	P-value
BMI (Kg/m ²)	26.2	28.9	0.4	1.10E-04
WC (cm)	86.4	89.4	3.9	3.48E-04
WHR	0.82	0.84	-0.009	4.99E-04
VAI	2.1	2.4	0.1	4.00E-02
BAI	25.3	26.4	1.4	3.30E-02

BMI; body mass index, WC; waist circumference, WHR; waist to hip ratio, VAI; visceral adiposity index, BAI; body adiposity indices,