

SUPPLEMENTARY DATA

Supplementary Table 1. EPIC-Norfolk study characteristics in the nondiabetic individuals, stratified by rs10455872 (n=14,536)

	Common homozygote (AA)	Heterozygote (AG)	Rare homozygote (GG)	P-value
N (%)	12,357 (85.0)	2048 (14.1)	131 (0.9)	
Lp(a) (mg/dL): median (range)	16.1 (2-175.0)	48.5 (2.2-166.7)	71.7 (3.1-152.1)	<0.0001
Age (yr)	59.1 (9.2)	59.0 (9.0)	59.0 (9.5)	0.65
Female (%)	6499 (85.4)	1046 (13.7)	69 (0.9)	0.27
BMI (kg/m ²)	26.1 (3.6)	26.1 (3.6)	25.4 (3.2)	0.57
HbA1c (%) (mmol/mol) [†]	5.2 (33)	5.2 (33)	5.2 (33)	0.32
Smoking				
Never smoked (%)	5651 (85.0)	940 (14.1)	61 (0.9)	
Former smoker (%)	5179 (85.2)	851 (14.0)	61 (0.9)	0.82
Current smoker (%)	1426 (84.6)	241 (14.3)	18 (1.1)	0.83
Alcohol drinkers (%)	12239 (85.0)	2031 (14.1)	131 (0.9)	0.72
Systolic BP (mm Hg)	134.9 (18.0)	134.4 (18.1)	133.0 (18.9)	0.11
Diastolic BP (mm Hg)	82.2 (11.1)	82.0 (11.1)	81.7 (11.9)	0.29
HDL-cholesterol (mmol/L)	1.4 (0.4)	1.4 (0.5)	1.5 (0.4)	0.13
Triglycerides (mmol/L)*	1.8 (1.0)	1.8 (1.0)	1.6 (0.9)	0.56
Lipid lowering drug (%)	154 (1.3)	38 (1.9)	1 (0.8)	0.07
Highest education				
None or primary school (%)	4386 (84.6)	760 (14.7)	40 (0.8)	
O-level or equivalent (%)	1297 (86.1)	197 (13.1)	12 (0.8)	
A-level or equivalent (%)	5062 (85.1)	824 (13.9)	59 (1.0)	
Degree or higher (%)	1603 (84.9)	266 (14.1)	20 (1.1)	0.54
Physical activity				
Inactivity (%)	3638 (84.5)	622 (14.5)	45 (1.1)	
Moderately inactive (%)	3550 (85.6)	568 (13.7)	31 (0.8)	
Moderately active (%)	2839 (85.1)	463 (13.9)	33 (1.0)	
Active (%)	2330 (84.8)	395 (14.4)	22 (0.8)	0.66
CRP (mg/L)*	3.0(5.9)	3.3 (8.8)	2.8 (7.7)	0.45

Data are presented as mean and standard deviation. P values are the test for linear trend for continuous traits or the test for proportions for categorical variables; *: Data are geometric mean (SD); †: only 6098 participants have HbA1c measurement