

**Supplemental Table S5.** Baseline Characteristics of the Individuals Classified Metabolically Healthy Obese Defined by the HOMA Criteria

Variable	Low TyG index (T1, 2) (n=4,266)	High TyG index (T3) (n=2,429)	P value
Age, yr	48.9±8.6	49.0±8.4	0.52
Male sex	3,515 (82.4)	1,769 (72.8)	<0.01
BMI, kg/m <sup>2</sup>	26.6±1.4	26.8±1.6	<0.01
WC, cm	88.9±5.4	89.1±5.8	0.25
SBP, mm Hg	120.5±12.9	122.9±13.3	<0.01
DBP, mm Hg	75.7±9.6	77.5±9.8	<0.01
Current smoker	1,540 (36.1)	676 (27.8)	<0.01
Moderate drinker	557 (13.1)	343 (14.1)	<0.01
Physically active	715 (16.8)	482 (19.8)	<0.01
Family history of diabetes	730 (17.1)	482 (19.8)	<0.01
HbA1c, %	5.3±0.4	5.5±0.4	<0.01
FPG, mg/dL	93.8±8.8	97.6±8.8	<0.01
TC, mg/dL	192.0±31.8	204.4±33.7	<0.01
TG, mg/dL	96.9±29.6	199.1±79.4	<0.01
LDL-C, mg/dL	125.2±27.9	132.2±29.7	<0.01
HDL-C, mg/dL	54.7±12.2	48.7±10.3	<0.01
Cr, mg/dL	0.9±0.2	0.9±0.2	<0.01
Uric acid, mg/dL	5.8±1.3	5.9±1.4	<0.01
AST, IU/L	25.9±12.4	26.8±11.2	<0.01
ALT, IU/L	25.9±19.8	28.4±16.8	<0.01
GGT, IU/L	28.9±26.1	38.5±37.2	<0.01
Insulin, μIU/mL	5.8±1.7	6.4±1.4	<0.01
hsCRP, mg/L	1.1±1.3	1.2±1.3	<0.01
HOMA-IR	1.3±0.4	1.5±0.3	<0.01
TyG index	8.4±0.3	9.1±0.3	<0.01
Incident DM	59 (1.4)	92 (3.8)	<0.01

Values are expressed as mean ± standard deviation or number (%).

HOMA, homeostatic model assessment; TyG, triglyceride glucose; BMI, body mass index; WC, waist circumference; SBP, systolic blood pressure; DBP, diastolic blood pressure; HbA1c, glycated hemoglobin; FPG, fasting plasma glucose; TC, total cholesterol; TG, triglyceride; LDL-C, low-density lipoprotein cholesterol; HDL-C, high-density lipoprotein cholesterol; Cr, creatinine; AST, aspartate aminotransferase; ALT, alanine transaminase; GGT, gamma-glutamyl transferase; hsCRP, high-sensitivity C-reactive protein; HOMA-IR, homeostatic model assessment of insulin resistance; DM, diabetes mellitus.