## Supplemental Table S3. Baseline Characteristics of the Individuals Classified Metabolically Healthy Obese Defined by the Wildman Criteria

| Variable                      | Low TyG index (T1, 2) (n=3,651) | High TyG index (T3) (n=746) | P value |
|-------------------------------|----------------------------------|----------------------------|---------|
| Age, yr                       | 47.8±8.6                         | 48.8±8.7                   | <0.01   |
| Male sex                      | 2,851 (78.1)                     | 240 (32.2)                 | <0.01   |
| BMI, kg/m²                     | 26.6±1.5                         | 26.6±1.5                   | 0.72    |
| WC, cm                        | 88.6±5.5                         | 86.3±6.1                   | <0.01   |
| SBP, mm Hg                    | 117.8±11.5                       | 116.0±10.1                 | <0.01   |
| DBP, mm Hg                    | 73.7±8.7                         | 72.3±7.6                   | <0.01   |
| Current smoker                | 1,232 (33.7)                     | 117 (15.7)                 | <0.01   |
| Moderate drinker              | 435 (11.9)                       | 56 (7.5)                   | <0.01   |
| Physically active             | 630 (17.3)                       | 171 (22.9)                 | <0.01   |
| Family history of diabetes    | 665 (18.2)                       | 160 (21.4)                 | 0.05    |
| HbA1c, %                      | 5.3±0.4                          | 5.4±0.4                    | <0.01   |
| FPG, mg/dL                    | 92.7±7.7                         | 94.6±7.3                   | <0.01   |
| TC, mg/dL                     | 193.1±31.7                       | 209.3±34.6                 | <0.01   |
| TG, mg/dL                     | 93.8±27.9                        | 150.4±49.2                 | <0.01   |
| LDL-C, mg/dL                  | 124.6±28.1                       | 134.9±30.1                 | <0.01   |
| HDL-C, mg/dL                  | 57.0±11.4                        | 56.9±9.0                   | 0.77    |
| Cr, mg/dL                     | 0.9±0.2                          | 0.8±0.2                    | <0.01   |
| Uric acid, mg/dL              | 5.6±1.3                          | 5.1±1.3                    | <0.01   |
| AST, IU/L                     | 25.7±13.9                        | 24.2±8.5                   | <0.01   |
| ALT, IU/L                     | 26.1±22.2                        | 23.9±13.0                  | <0.01   |
| GGT, IU/L                     | 27.9±24.0                        | 26.9±27.1                  | 0.33    |
| Insulin, μIU/mL               | 6.8±2.8                          | 7.7±2.7                    | <0.01   |
| hsCRP, mg/L                   | 0.8±0.9                          | 0.9±0.7                    | 0.83    |
| HOMA-IR                       | 1.6±0.7                          | 1.8±0.6                    | <0.01   |
| TyG index                     | 8.3±0.3                          | 8.8±0.3                    | <0.01   |
| Incident DM                   | 37 (1.0)                         | 17 (2.3)                   | <0.01   |

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

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.