Supplementary File

Table1. Comparison of general information of research subjects

Projects	Healthy Control Subjects (n = 42)	T2DM patients (n = 40)	p value
Gender			
Male	25	24	
Female	17	16	0.5110
Age [years]	55.4 ± 8.8	57.1 ± 9.4	0.4012
Height [m]	1.68 ± 1.2	1.65 ± 2.3	0.0828
Weight [kg]	63.36 ± 2.1	65.37 ± 2.6	0.0231*
BMI [kg/m^2]	22.28 ± 1.6	23.85 ± 0.8	0.0027*
Blood pressure [mmHg]			
SBP	119.1 ± 1.67	134.4 ± 3.51	0.0001*
DBP	76.83 ± 1.53	76.58 ± 1.76	0.0985

T2DM — type 2 diabetes mellitus; BMI — body mass index; SBP — systolic blood pressure; DBP — diastolic blood pressure; *$p < 0.05$

Table S2. The clinical biochemical parameters of the research object

Variables	Control (n = 42)	T2DM (n = 40)	p value
TC [mmol/L]	4.659	4.808	0.0002
TG [mmol/L]	1.547	1.754	0.0049
LDL-C [mmol/L]	2.122	2.551	0.0012
HDL-C [mmol/L]	1.272	1.218	0.5011
FBG [mmol/L]	4.703	10.10	< 0.0001
FINS [μU/mL]	8.573	16.65	< 0.0001
HOMA-IR	1.799	7.888	< 0.0001
CRP [mg/L]	3.292	11.68	< 0.0001
HbA$_{1c}$ (%)	7.277	10.51	< 0.0001

T2DM — type 2 diabetes mellitus; TG — triglyceride; TC — total cholesterol; HDL-C — high-density lipoprotein cholesterol; LDL-C — low-density lipoprotein cholesterol; CRP — C-reactive protein; FBG — fasting blood glucose; HbA$_{1c}$, — glycated haemoglobin A$_{1c}$; FINS — fasting insulin; HOMA-IR — homeostasis model assessment of insulin resistance