No.	Age	Sex	BMI	BP (mmHg)	Dyslipidemia	Diabetes	Cardiac function	Diagnosis	Medication
1	55	M	24.1	138/64	TG (2.22) HDL(0.84)	+	II	Aortic dissection	-
2	71	M	24.1	127/55	-	+	II-III	CHD triple vessle lesion	ACEI, Insulin
3	53	M	21.1	160/62	-	-	III	Aneurysm of ascending aorta	-
4	44	M	22.5	133/82	TG (4.73) TC(5.03)	-	-	CHD triple vessle lesion	β-blocker
5	79	F	21.5	131/64	TC(5.51)	+	II	CHD triple vessle lesion, Coronary artery aneurysm	-
6	47	M	27.5	133/76	TG (3.63) HDL(0.74)	-	II	CHD triple vessle lesion	β-blocker,Statin, Aspirin, Clopidogel
7	61	F	21.9	112/78	TC(5.16)	-	-	Congenital heart disease, Aortic insufficiency	Anticoagulant
8	75	F	19.1	115/67	-	-	-	CHD	Diuretic, Anticoagul ant
9	73	F	25.9	139/72	-	+	II	CHD triple vessle lesion，Varicose veins of the left lower extremity	spirolactone
10	62	M	19.6	140/82	TG(1.85)	-	II	CHD, Postcholecystectomy	-
11	74	M	20.8	113/77	HDL(0.99)	+	III	CHD	Diuretic，spirolactone，Metformin

| 12 | 58 | F | 21.5 | 120/77 | TC(6.53) HDL(0.88) | - | II- III | CHD | Diuretic，spirolactone |
| 13 | 65 | M | 28.1 | 153/83 | TG(2.50) TC(6.23) | + | III | CHD, Peripheral vascular disease | Diuretic，spirolactone，Metformin |

Table S2 The clinical characteristics of human samples.

BMI, Body mass index; BP, Blood pressure; M, Male; F, Female; TG, Triglyceride; TC: Total cholesterol; HDL, High density lipoprotein, CHD, Coronary heart disease.