

Supplementary Table 1 Clinical characteristics of patients with carotid stenosis for the culture of primary VSMCs

Characteristic	Stable plaque group	Vulnerable plaque group	P value
No.	15	15	
Male, No. (%)	13(92.9%)	15(93.8%)	1.00
Age, mean \pm SD, y	62.5 \pm 7.5	63.6 \pm 7.7	0.69
Hypertension	9(64.3%)	13(81.3%)	0.42
Diabetes mellitus	5(35.7%)	11(68.8%)	0.14
Hyperlipidemia	6(42.9%)	10(62.5%)	0.46
CAD	1(7.1%)	4(25.0%)	0.34
Smoking history	4(28.6%)	8(50%)	0.28
HDL-C(mmol/L)	0.9 \pm 0.2	0.9 \pm 0.2	0.98
LDL-C(mmol/L)	1.4 \pm 0.4	1.9 \pm 0.5	0.03
Triglyceride(mmol/L)	0.8 \pm 0.3	1.3 \pm 0.6	0.01
Total cholesterol (mmol/L)	2.9 \pm 0.7	3.0 \pm 0.5	0.51
Apoprotein A1 (g/L)	1.0 \pm 0.2	1.0 \pm 0.2	0.83
Apoprotein B (g/L)	0.6 \pm 0.2	0.6 \pm 0.1	0.56
Fasting blood glucose (mmol/L)	4.8 \pm 1.3	8.6 \pm 1.9	<0.0001
Glycated hemoglobin (%)	5.4 \pm 0.8	6.9 \pm 1.1	<0.0001
High-sensitive CRP (mg/L)	1.4 \pm 0.8	1.5 \pm 1.8	0.76

BMI body mass index (calculated as weight in kilograms divided by height in meters squared), CAD coronary artery disease, LDL-C low-density lipoprotein cholesterol, HDL-C high-density lipoprotein cholesterol