Table S1 Baseline characteristics.

| | Overall (n=2712) | Follow-up Lipoprotein (a) SD | | |
		<3.38 (n=1355)	≥3.38 (n=1357)	P value
Demographics				
Age, years old	64.00 [58.00, 72.00]	64.00 [57.00, 71.00]	64.00 [58.00, 72.00]	0.611
Male, n (%)	1957 (72.2)	997 (73.6)	960 (70.7)	0.109
BMI, kg/m^2	24.73 [22.68, 26.12]	24.73 [22.94, 26.44]	24.60 [22.49, 25.83]	<0.001*
Current smoking, n (%)	710 (26.2)	349 (25.8)	361 (26.6)	0.647
Diabetes, n (%)	692 (25.5)	352 (26.0)	340 (25.1)	0.612
Hypertension, n (%)	1727 (63.7)	884 (65.2)	843 (62.1)	0.099
Previous PCI, n (%)	172 (6.3)	88 (6.5)	84 (6.2)	0.805
Laboratory measurements				
Average TC level, mmol/L	3.67 [3.23, 4.18]	3.56 [3.15, 4.02]	3.78 [3.33, 4.31]	<0.001*
Average LDL-C level, mmol/L	1.80 [1.50, 2.18]	1.72 [1.43, 2.08]	1.87 [1.57, 2.29]	<0.001*
Average HDL-C level, mmol/L	1.00 [0.86, 1.18]	1.00 [0.86, 1.19]	1.00 [0.86, 1.18]	0.775
Average TG level, mmol/L	1.34 [1.04, 1.83]	1.36 [1.04, 1.86]	1.32 [1.04, 1.79]	0.155
Average CRP level, mg/L	1.52 [0.80, 2.83]	1.37 [0.72, 2.55]	1.65 [0.88, 3.02]	<0.001*
Average WBC level, ×10^9/L	6.38 [5.51, 7.25]	6.28 [5.43, 7.20]	6.44 [5.58, 7.33]	0.018*
Average Lp(a) level, mg/dL	14.00 [7.32, 34.90]	7.53 [5.03, 11.63]	31.83 [16.99, 58.73]	<0.001*
Lp(a) SD	3.38 [1.61, 7.49]	1.60 [0.90, 2.36]	7.49 [4.87, 11.68]	<0.001*
Lp(a) CV	0.22 [0.14, 0.32]	0.18 [0.12, 0.26]	0.26 [0.17, 0.38]	<0.001*
Lp(a) VIM	0.17 [0.13, 0.23]	0.15 [0.11, 0.20]	0.20 [0.15, 0.27]	<0.001*
Medication, n (%)				
Statin	2675 (98.6)	1340 (98.9)	1335 (98.4)	0.323
Ezetimibe	451 (16.6)	200 (14.8)	251 (18.5)	0.010*
ACEI or ARB	1588 (58.6)	790 (58.3)	798 (58.8)	0.820
Beta blocker	1639 (60.4)	833 (61.5)	806 (59.4)	0.285

Data are presented as median [interquartile range] or numbers (proportions). *P <0.05.
Other abbreviations as in Table 1.

Table S2 Baseline characteristics.

	Overall (n=2712)	Follow-up Lipoprotein (a) VIM		P value
		<0.17 (n=1289)	≥0.17 (n=1423)	
Demographics				
Age, years old	64.00 [58.00, 72.00]	64.00 [58.00, 72.00]	64.00 [57.00, 72.00]	0.274
Male, n (%)	1957 (72.2)	906 (70.3)	1051 (73.9)	0.042*
BMI, kg/m^2	24.73 [22.68, 26.12]	24.62 [22.64, 26.06]	24.73 [22.77, 26.18]	0.185
Current smoking, n (%)	710 (26.2)	312 (24.2)	398 (28.0)	0.029*
Diabetes, n (%)	692 (25.5)	304 (23.6)	388 (27.3)	0.031*
Hypertension, n (%)	1727 (63.7)	801 (62.1)	926 (65.1)	0.122
Previous PCI, n (%)	172 (6.3)	84 (6.5)	88 (6.2)	0.783
Laboratory measurements				
Average TC level, mmol/L	3.67 [3.23, 4.18]	3.68 [3.24, 4.16]	3.66 [3.21, 4.19]	0.619
Average LDL-C level, mmol/L	1.80 [1.50, 2.18]	1.81 [1.49, 2.17]	1.79 [1.50, 2.18]	0.878
Average HDL-C level, mmol/L	1.00 [0.86, 1.18]	1.03 [0.88, 1.20]	0.98 [0.84, 1.15]	<0.001*
Average TG level, mmol/L	1.34 [1.04, 1.83]	1.31 [1.02, 1.73]	1.37 [1.06, 1.90]	<0.001*
Average CRP level, mg/L	1.52 [0.80, 2.83]	1.40 [0.73, 2.59]	1.64 [0.86, 2.99]	<0.001*
Average WBC level, ×10^9/L	6.38 [5.51, 7.25]	6.30 [5.48, 7.25]	6.43 [5.53, 7.26]	0.129
Average Lp(a) level, mg/dL	14.00 [7.32, 34.90]	16.90 [7.14, 46.93]	12.54 [7.37, 25.68]	<0.001*
Lp(a) SD	3.38 [1.61, 7.49]	2.10 [0.91, 5.34]	4.48 [2.53, 8.98]	<0.001*
Lp(a) CV	0.22 [0.14, 0.32]	0.14 [0.10, 0.17]	0.31 [0.25, 0.42]	<0.001*
Lp(a) VIM	0.17 [0.13, 0.23]	0.12 [0.10, 0.15]	0.23 [0.20, 0.29]	<0.001*
Medication, n (%)				
Statin	2675 (98.6)	1280 (99.3)	1395 (98.0)	0.007*
Ezetimibe	451 (16.6)	203 (15.7)	248 (17.4)	0.262
ACEI or ARB	1588 (58.6)	717 (55.6)	871 (61.2)	0.004*
Beta blocker	1639 (60.4)	758 (58.8)	881 (61.9)	0.107

Data are presented as median [interquartile range] or numbers (proportions). *P <0.05.
Other abbreviations as in Table 1.