

SUPPLEMENTARY TABLES

Supplementary Table 1. Patient information.

No.	Sex	Age	Diagnosis	Smoking (years)	Alcohol (years)	Hypertension (years)	T2DM/Blood glucose (mM)
1	M	62	ASO	—	25Y	10Y	—/8.1
2	M	53	ASO	30Y	—	25Y	—/8.0
3	M	50	ASO	—	20Y	16Y	10Y/N
4	M	67	ASO	—	—	29Y	—/N
5	M	73	ASO	30Y	30Y	25Y	20Y/9.2
6	M	77	ASO	45Y	55Y	17Y	10Y/10.1
7	F	73	ASO	40Y	14Y	—	—/N
8	M	77	ASO	—	—	—	—/7.1
9	M	45	Normal	—	—	—	—
10	M	42	Normal	—	—	—	—
11	M	59	Normal	—	—	—	—
12	M	30	Normal	—	—	—	—
13	F	43	Normal	—	—	—	—
14	M	47	Normal	—	—	—	—
15	F	29	Normal	—	—	—	—
16	M	32	Normal	—	—	—	—

ASO, arteriosclerosis obliterans; T2DM, type 2 diabetes; N, normal blood glucose levels.

Supplementary Table 2. Sequence of the probe for the *in-situ* hybridization.

Probe for ISH	5'Dig- GCTGCAAACATCCGACTGAAAG-3'
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Supplementary Table 3. Sequence information of the target genes for luciferase reports.

LT-h-ROCK2-wt:

TCTATGAAAGCAGTCATTATTCAAGGTGATCGTATTCTTCCAGTGAAAACAAGACTGAAA
TATGATGGCCCAAATTTATTAATAAGCTATATTTTCCTGAGAGACTGATACATACTCC
CATAATAGATACTATTGTGGAACTGAAGAGTAGCTACTGGCCTACTGATAGACTGAAAC
TGGTTTTGTTATTCTTAACGTTCTCCAGTCTGCACTCTGCTGTGCTGTCTGTGCTCAGATA
TTTTAATAAACTTTATTAAGGTGAAATAATTTCAAGTTTACATATGAGTAACTGAAATAT
TTGAGTAAAAAAGGCAAAGTTTAAATTTGGAATGCTGTATATATTAGAGAATATGGTCT
TCTAGGATTCTGGTGGTAAAGTAGAGAACTCGGACACTATATTAACCTTACTGAAACAT
GCTTTAAATCGTGTCTAAAATCTGATTTGAGCAAGTCACTGCCGAGCTTCTGAGTCTAAG
TAATGAACTGCATGGTTTAGAAAATTATAAATATTTGATCAGCTGTCCTCTCTGAAAAAA
ATTGCACCCCTTTTCTTTTTTAAAATTTTGTTCATCTTCGTAGTAATGTAATTGT

LT-h-ROCK2-mut:

TCTATGAAAGCAGTCATTATTCAAGGTGATCGTATTCTTCCAGTGAAAACAAGTCAGTAT
TATGATGGCCCAAATTTATTAATAAGCTATATTTTCCTGAGAGACTGATACATACTCC
CATAATAGATACTATTGTGGAACTGAAGAGTAGCTACTGGCCTACTGATAGTCAGTATC
TGGTTTTGTTATTCTTAACGTTCTCCAGTCTGCACTCTGCTGTGCTGTCTGTGCTCAGATA
TTTTAATAAACTTTATTAAGGTGAAATAATTTCAAGTTTACATATGAGTATCAGTATTATT
TGAGTAAAAAAGGCAAAGTTTAAATTTGGAATGCTGTATATATTAGAGAATATGGTCTT
CTAGGATTCTGGTGGTAAAGTAGAGAACTCGGACACTATATTAACCTTTCAGTATCATG
CTTTAAATCGTGTCTAAAATCTGATTTGAGCAAGTCACTGCCGAGCTTCTGAGTCTAAGT
AATGAACTGCATGGTTTAGAAAATTATAAATATTTGATCAGCTGTCCTCTGTCAAAAAAT
TGCACCCCTTTTCTTTTTTAAAATTTTGTTCATCTTCGTAGTAATGTAATTGT
