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Supplemental information

**Interfering microRNA-410
attenuates atherosclerosis
via the HDAC1/KLF5/IKB α /NF- κ B axis**

Shanji Nan, Ying Wang, Chengbi Xu, and Haitao Wang

Table S2. Sequence of HDAC1 shRNAs and negative control

Gene	Sequence (5'-3')
sh-HDAC1-1	GCTCAATTACGGTCTCTATCG
sh-HDAC1-2	GCATTCGTCCTGACAACATGT
Negative control	TTCTCCGAACGTGTCACGTTT

Note: shRNA, short heparin RNA; HDAC1, Histone deacetylase 1.

Table S3. Primer sequence for RT-qPCR

Targets	Species	Primer sequence
miR-410	Mouse	F: 5'-GCGCCAATATAACACAGATGGCCTGT-3' R: 5'-GTGCAGGGTCCGAGGT-3'
miR-410	Human	F: 5'-AGTTG TTCACCACCTTCTCCAC-3' R: 5'-TATCGTTGTACTCCAGTCCAAGTC-3'
HDAC1	Mouse	F: 5'-TGAAGCCTCACCGAATCCG-3' R: 5'-GGGCGAATAGAACGCAGGA-3'
HDAC1	Human	F: 5'-AGCCAAGAGAGTCAAAACAGA-3' R: 5'-GGTCATT CAGGCCAACT-3'
KLF5	Human	F: 5'-CCTGGTCCAGACAAGATGTGA-3' R: 5'-GAACTGGTCTACGACTGAGGC-3'
IKB α	Human	F: 5'-CTCCGAGACTTTCGAGGAAATAC-3' R: 5'-GCCATTGTAGTTGGTAGCCTTCA-3'
U6	Human	F: 5'-GCTTCGGCAGCACATATACTAAAAT-3' R: 5'-CGCTTCACGAATTTGCGTGTCAT-3'
U6	Mouse	F: 5'-GCTTCGGCAGCACATATACTAAAAT-3' R: 5'-CGCTTCACGAATTTGCGTGTCAT-3'
β -actin	Human	F: 5'-AAGAGCTACGAGCTGCCTGA-3' R: 5'-GGCAGTGATCTCCTTCTGCA-3'
β -actin	Mouse	F: 5'-GTGACGTTGACATCCGTAAAGA-3' R: 5'-GCCGGACTCATCGTACTCC-3'

Note: RT-qPCR, Reverse transcription quantitative polymerase chain reaction; miR-410, microRNA-410; HDAC1, Histone deacetylase 1; KLF5, Kruppel Like Factor 5; IKB α , nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor alpha; F, forward; R, reverse.