

Tables

Table 1 Primers used for RT-qPCR.

Gene	Forward (5'-3')	Reverse (5'-3')
mouse Srebp2	TGGAGACACCGGAAGCA	GGTTTGTAGGTTGGCAGCA
mouse FASN	TCGGTGTATCCTGCTGTCC	TTGGGCTTGTCTGCTCT
mouse PCSK9	GAGACCCAGAGGCTACAGATT	AATGTACTCCACATGGGGCAA
mouse LDLR	TGACTCAGACGAACAAGGCTG	ATCTAGGCAATCTCGGTCTCC
mouse p16	CGCAGGTTCTTGGTCACTGT	TGTTACAGAAAGCCAGAGCG
mouse GAPDH	AGGTCGGTGTGAACGGATTTG	TGTAGACCATGTAGTTGAGGTCA
human p16	GTGGACCTGGCTGAGGAG	AATCGGGGATGTCTGAGG
human IL-1 β	TTGAGTCTGCCCAGTTCC	TTTCTGCTTGAGAGGTGCT
human MMP9	ACGCAGACATCGTCATCC	CCAGGGACCACAACCTCG
human PCSK9	ATGGTCACCGACTTCGAGAAT	GTGCCATGACTGTCACACTTG
human LDLR	ACGGCGTCTCTTCCTATGACA	CCCTTGGTATCCGCAACAGA
human Srebp2	TCAGGCCAAGAAGAAGGC	CCCCACAGAGTCCACAAAA
human FASN	CGAGCTGCACCATCATCC	AAGGCATTGGGGTTGGC
human GAPDH	GGAGCGAGATCCCTCCAAAAT	GGCTGTTGTCATACTTCTCATGG

Supplementary Table 2 List of major antibodies used in the study.

Target antigen	Vendor or Source	Catalog #	Working concentration
mouse p16	proteintech	10883-1-AP	IHC: 1:400; WB: 1:1000
mouse p19	abcam	ab26696	IHC: 1:400
mouse p21	abcam	ab188224	IHC: 1:400
human/mouse PCSK9	Affinity	DF12687	IP: 1: 10; IF: 1: 200; WB: 1:1000
human/mouse LDLR	proteintech	10785-1-AP	IF: 1: 200; WB: 1:1000
human/mouse ATP1A1	proteintech	14418-1-AP	WB: 1:5000
Ubiquitin	Cell Signaling Technology	3933	WB: 1:1000
Ubiquitin (linkage-specific K48)	Abcam	ab140601	WB: 1:1000
Ubiquitin (linkage-specific K63)	Abcam	ab179434	WB: 1:1000
human/mouse GAPDH	Cell Signaling Technology	2118	WB: 1:3000