

Supplemental Data 1

Supplemental Table 1. Oligonucleotide primers and PCR conditions of mice genes used for quantitative real-time PCR

Genes	Forward primer	Reverse primer	Product (bp)	Annealing (°C)
18S	CGCGGTTCTATTTTGTGGT	AGTCGGCATCGTTTATGGTC	219	60
ApoAI	CTCCTCCTTGGGCCAACA	TGACTAACGGTTGAACCCAGAGT	72	58
LDLR	TGTGAAAATGACTCAGACGAAC	GGAGATGCACTTGCCATCCT	87	58
SR-BI	TTTCAGCAGGATCCATCTGGTGGA	AGTTCATGGGGATCCCAGTGAC	470	60
LXRa	CTCAATGCCTGATGTTTCTCCT	TCCAACCCTATCCCTAAAGCAA	150	60
ABCA1	GGAGCTGGGAAGTCAACAAC	ACATGCTCTCTTCCCGTCAG	176	60
ABCG8	ACAAGGCTCACACAGATCTCTCA	TATAATTGGTTCCCATTCCTACTG	212	56.6
ACAT	CGCTGCGTGCTGGTCTTT	ATGCCCTTTCCTCCTCTGACA	104	56.6
CYP7A1	AAACTCCCTGTCATACCACAAAG	TTCCATCACTTGGGTCTATGC	120	61.7
CYP27A1	GACAACCTCCTTTGTGATTG	GTGGTCTCTTATTGGGTACTIONTGC	166	61.7
ACCa	CGCTCAGGTCACCAAAAAGAAT	GTCCCGGCCACATAACTGAT	64	60
FASN	CCTGGATAGCATTCCGAACCT	AGCACATCTCGAAGGCTACACA	122	60
PON I	TGGTGGTAAACCATCCAGACTC	TGTGATGGTTTTTCAGATGCAAG	92	60
IL-6	AGTTGCCTTCTTGGGACTGA	TCCACGATTTCCCAGAGAAC	159	60
TNFa	CGTCAGCCGATTTGCTATCT	CGGACTCCGCAAAGTCTAAG	206	60

Supplemental Table 2. The information of all primary antibodies and loading amount of proteins for Western blot

Primary antibody	Origin	Company	Cat. No.	Sample loading
MsrA polyclonal antibody	USA	Abcam	Ab16803	25 ug-50 µg
ApoAI polyclonal antibody	USA	Abcam	Ab7614	50 µg
LDLR polyclonal antibody	USA	Abcam	Ab170478	70 µg
SRBI polyclonal antibody	USA	Novus Biologicals	NB400-104	15 µg
LXRa polyclonal antibody	USA	Abcam	Ab28478	50 µg
ABCA1 monoclonal antibody	USA	Abcam	Ab18180	50 µg
ABCG8 monoclonal antibody	USA	Novus Biologicals	NBP1-71706	50 µg
ACAT polyclonal antibody	USA	Abcam	Ab93477	50 µg
CEH polyclonal antibody	USA	Abcam	Ab111544	50 µg
PON1 monoclonal antibody	USA	Abcam	Ab24261	50 µg
SAA monoclonal antibody	USA	Santa Cruz Biotechnology	SC-59680	1 µL(serum)
GAPDH polyclonal antibody	USA	Santa Cruz Biotechnology	SC-25778	
β-actin monoclonal antibody	USA	Santa Cruz Biotechnology	SC-47778	