

Table S1

		Forward primer (5'->3')	Reverse primer (5'->3')
Homo	NEGR1	GGACAGAGTGTGGAC TTCCC	CCACTTATCACCTCCC GCAA
Mus	NEGR1	TGTCGTTCCCAGACGT GAAG	CCCTCGCATCGTATCA GTCC
Mus	ARG1	ACATTGGCTTGCGAGA CGTA	ATCACCTTGCCAATCC CCAG
Mus	MRC1	ACGAGCAGGTGCAGT TTACA	ACATCCCATAAGCCA CCTGC
Mus	CD86	TCTGCCGTGCCCATTT ACAA	TGTGCCCAAATAGTG CTCGT
Mus	NOS2	GCCAACATGCTACTGG AGGT	TGGAGCACAGCCACA TTGAT
Homo	miR-122	CGCGTGGAGTGTGAC AATGG	AGTGCAGGGTCCGAG GTATT
Mus	miR-122	CGCGTGGAGTGTGAC AATGG	AGTGCAGGGTCCGAG GTATT
Mus	sh-NEGR1	GCCGTGGACAACATGCTCGTCAGGAAAGGTGAC ACAGCG	

Table S2

DEG-UP (163)	ALB HP FGG APOH ORM1 FGA APOA2 COLEC11 FGB TF FMO3 GC APOC3 PAH APOB CYP2E1 SERPINA3 AHSG CRP ITIH2 AMBP CP IGFBP1 HRG APOA1 FGL1 ITIH3 C9 APCS SPP1 SERPINC1 CPB2 APOC2 TTR ADH4 KNG1 UGT2B4 APOC1 VTN CYP2C8 ITIH4 CDH2 HPX F9 SERPINA1 LBP GATM ASGR2 HSD11B1 ACSM2A APOE ARG1 C6 PON1 RBP4 F7 SERPIND1 ADH1A TDO2 PLG LECT2 ASGR1 A1BG SERPINE1 F2 MBL2 TM4SF4 C8B RGN CFHR2 AOX1 HPD AADAC SLC2A2 AQP9 SERPINA7 HPR FCN3 AGXT ALDH8A1 CPS1 CYP3A4 C4BPA DPYS CYP8B1 CYP2C9 ACSM5 F5 C8A CDO1 ANGPTL3 PLGLB1 AKR1C1 ITIH1 INHBE SLC47A1 C5 PIPOX CFHR5 GSTA1 SERPINA10 CFH ALDOB LEAP2 TFR2 BHMT2 AFM MAT1A C3 BHMT PROC SPP2 SERPINA6 UGT2B15 CYP4A11 SERPINA5 SLC25A18 SLC38A4 SLC6A1 GLYATL1 CYP2A6 BAAT SLC13A5 SULT2A1 AMDHD1 CFI UPB1 SLC7A2 ENPEP SAA1 HABP2 SLC22A1 AGT SLC22A7 PDZK1 VNN1 DEFB1 AZGP1 TRPM8 ABCB4 NR1H4 APOA5 FTCD G6PC SLCO1B1 LIPC APOM RDH16 APOF LEPR CFHR3 SDS GLYAT AKR1C4 TMEM45A HAL SERPINA4 ABCG5 SERPINF2 REEP6 ATF5 ACOT12 TAT
DEG-DOWN (17)	MMP1 MMP3 NKX2-3 SPINK4 FCGBP ACTG2 CXCL14 VIP VWF DES TMEM158 NEGR1 WNT5A FOXF1 CHL1 RGMA DIO2

Table S3

Mix preparation

Component	Volume (ul)
SYBR <u>G</u> reen	5.0
<u>c</u> DNA	2.0
<u>R</u> Nase-free water	2.6
<u>P</u> reprimer	0.2
Post primer	0.2
Total volume	10.0

Reaction conditions:

Stage1	95 °C	5min
Stage2(Repeat 45 cycles)	95 °C	10sec
	60 °C	30sec
Stage3	95 °C	15sec
	60 °C	60sec
	95 °C	15sec