

Online supplemental materials

Supplemental Figure 1. StAR mRNA and protein levels following infection of StAR recombinant adenovirus. THP-1 derived macrophages were infected with the indicated recombinant adenoviruses as described under “Methods”. StAR mRNA and protein levels were determined by real-time Quantitative RT-PCR (**A**) and Western blot analysis (**B**). The data represent means of three experiments \pm SD. Cont represents the cells were infected with null virus as control; EGFP, with recombinant adenovirus encoding CMV-EGFP as negative gene control; StAR, with adenovirus encoding CMV-StAR; # represents $P < 0.05$ vs. Ad-CMV-EGFP.

Supplemental Table 1. The primers used in this experiment

Gene	Primer Sense	Primer Antisense
StAR	TCTCTACTCGGTTCTCGG	TCCTGCTGACTCTCCTTC
ABCA1	GGTGATGTTTCTGACCAATGTGA	TGTCCTCATACCAGTTGAGAGAC
ABCG1	CCAGAAGTCGGAGGCCATC	AAGTCCAGGTACAGCTTGGCA
LXR α	CATGGCACCAGATCCCCATAG	GGGTAGCTGTTTAGCAAAGTCAA
PPAR γ	ATTGACCCAGAAAGCGATTCC	TCTTCCATTACGGAGAGATCCAC
CD36	GCCAAGGAAAATGTAACCCAGG	GCCTCTGTTCCA ACTGATAGTGA
CYP27A1	AAGCGATACCTGGATGGTTG	TGTTGGATGTCGTGTCCACT
apoE	GTCGCTTTTGGGATTACCTGC	CCGGGGTCAGTTGTTCCCTC
LDLr	AGTTGGCTGCGTTAATGTGAC	TGATGGGTTCATCTGACCAGT
SREBP-1	CAGCCCCACTTCATCAAGG	ACTGTTGCCAAGATGGTTCCG
SREBP-2	AACGGTCATTCACCCAGGTC	GGCTGAAGAATAGGAGTTGCC
GAPDH	CAATGACCCCTTCATTGACC	TTGATTTTGGAGGGATCTCG

Supplemental Fig. 1

