Supplementary methods

Quantitative real-time polymerase chain reaction (qRT-PCR)

Total RNAs were isolated from liver tissues of mice. For each sample, 1μg total RNA was used for cDNA synthesis (Vazyme Biotech Co, Ltd, China). The relative levels of mRNA to GAPDH were analyzed using an SYBR qPCR kit (Vazyme Biotech Co, Ltd, China). The qRT-PCR was performed on an ABI7500 RT-PCR system (Applied Biosystems, Foster City, CA). The sequences of primers were shown in Supplementary Table1. GAPDH was used as the normalized reference gene.

Supplementary Table 1 The primers used for qRT- PCR

| Genes (mouse) | Forward primer(5'-3') | Reverse primer(5'-3') |
|---|---|---|
| TNF-α | AGGCTGCCCCGACTACGT | GACTTTCTCCTGGTATGAGATAGCAAA |
| IL-6 | TCCATCCAGTTGCCTTCTTG | TTCCACGATTTCCCAGAGAAC |
| Col1α1 | TAGGCCATTGTGTATGCAGC | ACATGTTCAGCTTTGTGGACC |
| Col3α1 | TAGGACTGACCAAGGTGGCT | GGAACCTGGTTTCTTCTCACC |
| Col4α1 | CCAGGATGCAACGGTACAAA | AACGTGGCCGAGAATTTCAC |
| α-SMA | TCCTGACGCTGAAGTATCCGATA | GGTGCCAGATCTTTTCCATGTC |
| Acc1 | GATGAACCATCTCCGTTGGC | GACCCAATTATGAATCGGGAGTG |

| | | |
|---|---|---|
| Srebp1c | GGCTCTGGAACAGACACTGG | TGGTTGTTGATGAGCTGGAG |
| Scd1 | TTCTTGCGATACACTCTGGTGC | CGGGATTGAATGTTCTTGTCGT |
| GAPDH | TGTGTCCGTCGTGGATCTGA | CCTGCTTCACCACCTTCTTGA |