

Table S1. Primer sets used in PCR-based amplification

Name	Forward sequence	Reverse sequence
<i>1. Amplification of selected region of CMV promoter</i>		
-463 > +1	5'-GGAAGATCTTTGACGTCAATAATGACGTAT-3'	5'-ACGGGGTACCTCACTCTTGGCACGGGGAAT-3'
-193 > +1	5'-GGAAGATCTAATGGG CGTGGATAGCGGTT-3'	5'-ACGGGGTACCTCACTCTTGGCACGGGGAAT-3'
-103 > +1	5'-GGAAGATCTCGGGACTTTCCAAAATGTCGT-3'	5'-ACGGGGTACCTCACTCTTGGCACGGGGAAT-3'
-93 > +1 (NoTFBS)	5'-GGAAGATCTCAAAATGTCGTAACAACCTCC-3'	5'-ACGGGGTACCTCACTCTTGGCACGGGGAAT-3'
<i>2. Amplification of DNA fragment with one transcription factor binding site of Alb promoter^a</i>		
HNF4α	5'-GGAAGATCTAGGTCAAAGTCCAGCAAAATGTCGTAACAACCTCC-3'	5'-ACGGGGTACCTCACTCTTGGCACGGGGAAT-3'
CEBPA	5'-GGAAGATCTGCATTGCACAATGCCAAAATGTCGTAACAACCTCC-3'	5'-ACGGGGTACCTCACTCTTGGCACGGGGAAT-3'
HNF1	5'-GGAAGATCT TGGTTAATAATCTACAG CAAAATGTCGTAACAACCTCC-3'	5'-ACGGGGTACCTCACTCTTGGCACGGGGAAT-3'
<i>3. Quantification of DNA sequences resulted from ChIP</i>		
Promoter Region:	5'-GGAAGATCTCGGGACTTTCCAAAATGTCGT-3'	5'-GGTACCGGTTCACTAAA CGAGCTCTGCTTA-3'
SEAP Region:	5'-CTCCAACATGGACGCATTGACG-3'	5'-CCCATGCGAAACATGTACTTT-3'
GAPDH Promoter:	5'-CTGCAGTACTGTGGGGAGGT-3'	5'-CAAAGGCGGAGTTACCAGAG-3'
<i>4. Detection of mRNA level of transcription factor in the liver of hydrodynamically injected mouse</i>		
NFκBp65	5'-AGGCTTCTGGGCCTTATGTG-3'	5'-TGCTTCTCTCGCCAGGAATAC-3'
ATF1	5'-GATTCCCACAAGAGTAACACGAC-3'	5'-CCTATGCTGTCAGATGAGTCCT-3'
AP1	5'-CCTTCTACGACGATGCCCTC-3'	5'-GGTTCAAGGTCATGCTCTGTTT-3'
SP1	5'-GCCGCCTTTTCTCAGACTC-3'	5'-TTGGGTGACTCAATTCTGCTG-3'
SRF	5'-GGCCGCGTGAAGATCAAGAT-3'	5'-CACATGGCCTGTCTCACTGG-3'
FOXA1	5'-ATGAGAGCAACGACTGGAACA-3'	5'-TCATGGAGTTCATAGAGCCCA-3'
NF1α	5'-GCAGCCAGTCCAGTGGATG-3'	5'-TGCTCTGGGTCCTGTAATGAC-3'
HNF4α	5'-GTGGCGAGTCCTTATGACACG-3'	5'-GCTGTTGGATGAATTGAGGTTGG-3'
CEBPA	5'-CAAGAACAGCAACGAGTACCG-3'	5'-GTCAGTGGTCAACTCCAGCAC-3'
HNF1	5'-GACCTGACCGAGTTGCCTAAT-3'	5'-CCGGCTCTTTCAGAATGGGT-3'
GAPDH	5'-AGGTCGGTGTGAACGGATTG-3'	5'-TGTAGACCATGTAGTTGAGGTCA-3'

^aThe underlined sequences are the consensus sequences for the listed transcription factors. HNF4α: hepatocyte nuclear factor 4α; CEBPA: CCAAT/enhancer-binding protein α; HNF1: hepatocyte nuclear factor 1 homeobox A.