

Supplementary Materials

Table S1. Primers used for mouse liver genes.

Gene name	Sense primer	Antisense primer
RBP4	5' -ACTGGGGTGTAGCCTCCTTT-3'	5' -ACTGCCTCTCTAGGCACAGC-3'
PERP	5' -TCATCCTGTGCATCTGCTTC-3'	5' -GGGTTATCGTGAAGCCTGAA-3'
Saa4	5' -TTGCTCGTGATTCACTCCTG-3'	5' -TCTCCACAAGTCCCAAGTCC-3'
Rdh5	5' -CCACACCATGGCTAACACAG-3'	5' -CTTCAGGGTGCTCTCCAGAC-3'
Rdhe2	5' -ATCAGTTAGCTCGGGAAGCA-3'	5' -ATGAGGTCATCTGGGCAGTC-3'
Rarres2	5' -GTGCACAATCAAACCAAACG-3'	5' -GGCAAACCTGTCCAGGTAGGA-3'

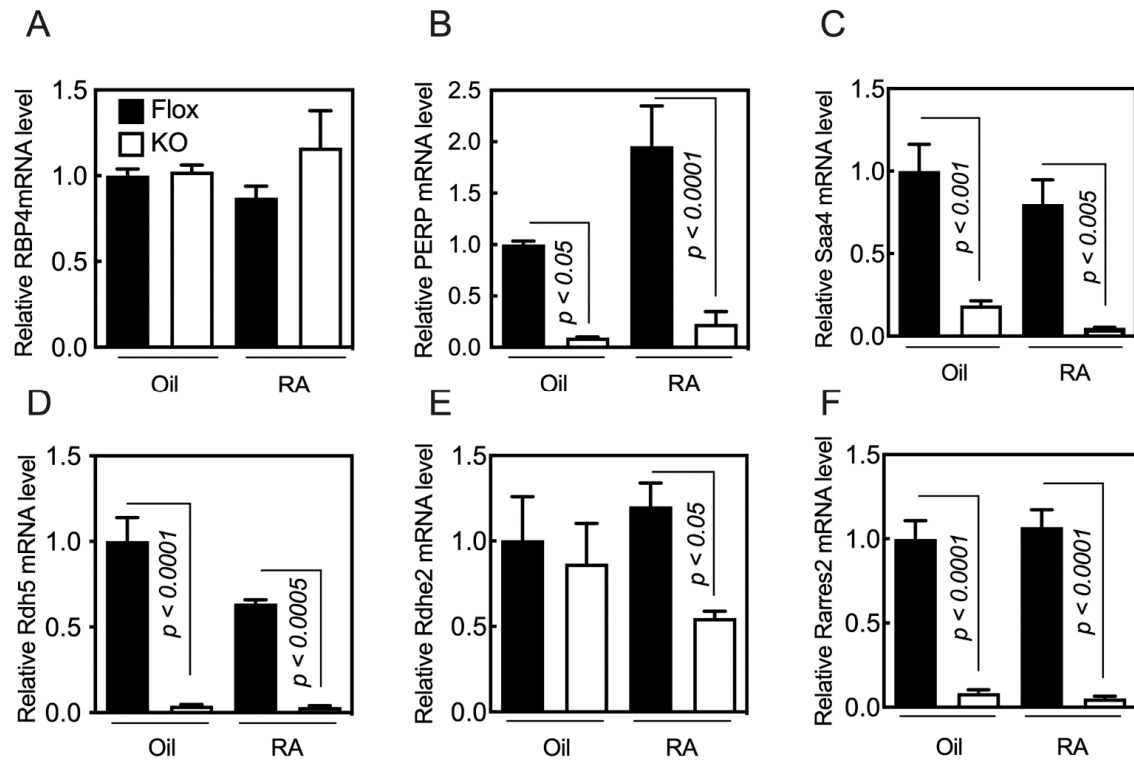


Figure S1. Expression of a few genes in the liver were examined to check the integrity of the *Hnf4a*^{F/F;AlbERT2cre} mouse line as the controls. *Hnf4a*^{F/F} (Flox) and *Hnf4a*^{F/F;AlbERT2cre} (KO) mice were administered either oil as the vehicle control (0.1 ml/ mouse) or RA in oil (0.25 mg/ml, 0.1 ml/ mouse) for 6 h and then sacrificed for collection of liver tissue samples. Total RNA was extracted from tissue samples for qPCR analysis of gene expression using gene specific primers (Table S1).