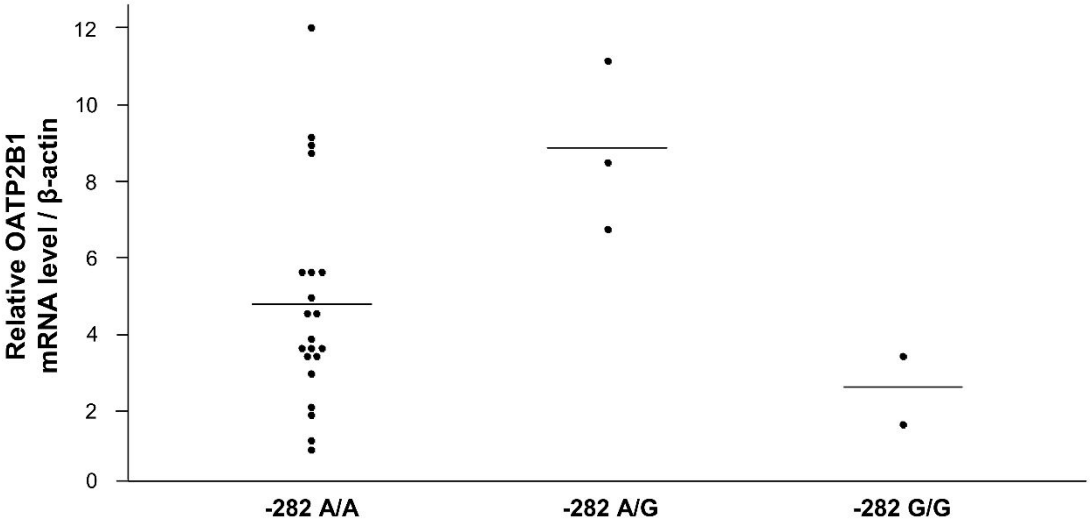
Supplemental Table 1. The primer sequences used for qRT-PCR.

Gene	Forward (5' to 3')	Reverse (5' to 3')
SLCO2B1	CTTCATCTCGGAGCCATACC	GCTTGAGCAGTTGCCATTG
HNF4A	TACCTCAAAGCCATCATCTTCT	GTTGATGTAGTCCTCCAAGCTC
ABCB1	CGCTGGTTTCGATGATGGAGTCA	CATTTCCTGCTGTCTGCATTGTG
SLC22A1	TAATGGACCACATCGCTCAA	AGCCCCTGATAGAGCACAGA
ACTB	ATGTGGCCGAGGACTTTGATT	AGTGGGGTGGCTTTTAGGATG
Firefly	GAGGTTTGCAACAACCACATC	TCATGTCTGCTCGAAGCG
Renilla	GGAATTATAATGCTTATCTACGTGC	CTTGCGAAAAATGAAGACCTTTTAC

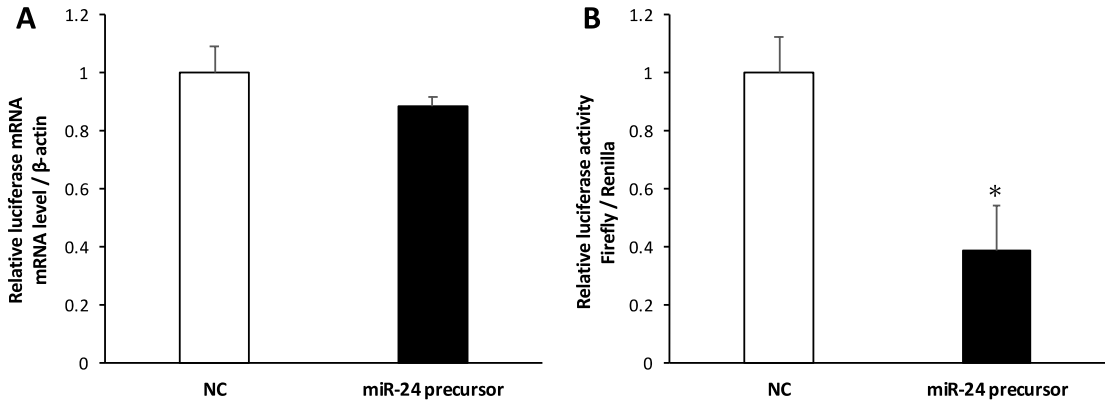
Supplemental Table 2. The primer sequences used for reporter gene construction.

Primer Name		Sequence
OATP2B1 3'UTR wild vector (From stop codon to +1819)	Forward	GCCGTGTAATTCTAGGCTGTCTTGGGGCCCCAC
	Reverse	CCGCCCCGACTCTAGAAAGATTGGAAAAGATGTAATA
miR-24 perfect match vector	Forward	CTAGCTGTTCCTGCTGAACTGAGCCA
	Reverse	CTAGTGGCTCAGTTCAGCAGGAACAG
OATP2B1 3'UTR deletion vector (miR-24 binding site located at +312)	Forward	CAGCCTGGCCCACTATCTTTGCTATCCTAGGG
	Reverse	CCCTAGGATAGCAAAGATAGTGGGCCAGGCTG
OATP2B1 3'UTR deletion vector (miR-24 binding site located at +389)	Forward	GACAGGAGATGGCTAAAGAAGGTGATCCAGGC
	Reverse	GCCTGGATCACCTTCTTTAGCCATCTCCTGTC
SLCO2B1 wild vector (From -1,000 upstream of the transcription start site to +8 downstream)	Forward	TGGCCTAACTGGCCGACCCAGGTCTGAGGCCTT
	Reverse	CCGGATTGCCAAGCTGGCTGTTTGTGGAGGGCA
SLCO2B1 mutant vector	Forward	AGAGGCACAGGCTGTGGAGTTTACCATCCACAAACAG
	Reverse	CTGGCTGTTTGTGGATGGTAAACTCCACAGCCTGTGC

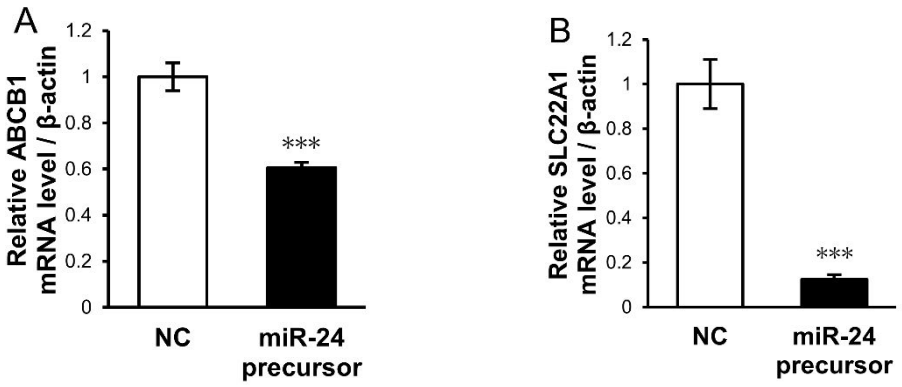


Supplemental Figure 1. Interindividual differences in OATP2B1 mRNA expression by -282G>A genotypes in 26 human livers.

OATP2B1 mRNA levels and the associations with -282G>A genotypes were examined in 26 human livers (21 A/A, three A/G and two G/G). OATP2B1 mRNA expression levels were evaluated by qRT-PCR.



Supplemental Figure 2. Effects of miR-24 on mRNA levels (A) and luciferase activities (B) of reporter vector containing full-length OATP2B1 mRNA 3 'UTR. HepG2 cells were transfected with the miR-24 precursor or negative control precursor (NC). After 24 h, the OATP2B1 3'UTR wild vector were used to transfect HepG2 cells. Relative luciferase activity was normalized to renilla luciferase activity. All means ± S.D. were analyzed by t-test. *, $P < 0.05$: significantly different from the NC.



Supplemental Figure 3. Effects of miR-24 on ABCB1 (A) and SLC22A1 (B) mRNA levels.

HepaRG cells were transfected with the miR-24 precursor or negative control precursor (NC). ABCB1 and SLC22A1 mRNA levels were evaluated by qRT-PCR. All mean ± S.D. were analyzed by *t*-test. ***, $P < 0.001$: significantly different from the NC.