

## Supplementary tables

**Supplementary table 1. Primer sequences of liver-specific genes.** NCBI: National Center for Biotechnology Information.

Gene	NCBI accession number	Product size	Forward	Reverse
ALB	NM_000477.5	166	TGGCACAATGAAG TGGGTAA	CTGAGCAAAGGCA ATCAACA
KDR	NM_002253.3	218	GTGACCAACATGG AGTCGTG	TGCTTCACAGAAG ACCATGC
TAT	NM_000353.1	236	AGCCATTGTGGAC AACATGA	TAGCTTCTAGGGG TGCCTCA
TDO2	NM_005651.3	222	GGGAACCTACCTGC ATTTGGA	GTGCATCCGAGAA ACAACCT
GAPDH	NM_002046.3	113	CTCTCTGCTCCTCC TGTTCG	ACGACCAAATCCG TTGACTC

**Supplementary table 2. Nine miRNAs selected for validation.**

miRNA name	Sequence	Functional study reagent type
<b>hsa-miR-203a-3p</b>	GUGAAAUGUUUAGGACCACUAG	mimic
<b>hsa-miR-204-5p</b>	UUCCCUUUGUCAUCCUAUGCCU	mimic
<b>hsa-miR-101-3p</b>	UACAGUACUGUGAUAACUGAA	mimic
<b>hsa-miR-26b-5p</b>	UUCAAGUAAUUCAGGAUAGGU	mimic
<b>hsa-miR-148a-3p</b>	UCAGUGCACUACAGAACUUUGU	mimic
<b>hsa-miR-93-3p</b>	ACUGCUGAGCUAGCACUUCCCG	inhibitor
<b>hsa-miR-423-3p</b>	AGCUCGGUCUGAGGCCCCUCAGU	inhibitor
<b>hsa-miR-222-3p</b>	AGCUACAUCUGGCUACUGGGU	inhibitor
<b>hsa-miR-224-5p</b>	CAAGUCACUAGUGGUUCCGUU	inhibitor

**Supplementary table 3. Summary of miRNA sequence data for each sample.**

<b>Sample</b>	<b>Total reads</b>	<b>Reads mapped</b>	<b>% mapped</b>	<b>Known miRNA number</b>	<b>Known miRNA number</b>
<b>Total:</b>	135352192	108225612	80%	1150	1150
<b>PHH-1</b>	7032824	5005090	71%	678	
<b>PHH-2</b>	5940753	4624146	78%	589	813
<b>PHH-3</b>	9883680	8183918	83%	674	
<b>D0-1</b>	11750774	8636277	74%	693	
<b>D0-2</b>	11750135	9915760	84%	712	837
<b>D0-3</b>	5781418	4447322	77%	621	
<b>D0-4</b>	6211768	4478916	72%	602	
<b>D10-1</b>	8323432	7710094	93%	667	
<b>D10-2</b>	7384872	4530274	61%	596	845
<b>D10-3</b>	15322431	14692364	96%	766	
<b>D10-4</b>	7583614	5876665	78%	600	
<b>D20-1</b>	17937170	13510503	75%	781	
<b>D20-2</b>	6488875	6063218	93%	635	861
<b>D20-3</b>	6214654	4761530	77%	661	
<b>D20-4</b>	7745792	5789535	75%	640	