

**Table S2. Primers used for Quantitative Real-Time PCR to verify HNF4 $\alpha$  target genes**

Gene	GenBank Accession Number	Projected Amplicon Length	Forward Primer 5'→3'	Reverse Primer 5'→3'	Notes <sup>1</sup>
<i>SERPINA1</i>	NM_001002236	134 bp	GTC AAGGACACCGAGGAAGA	TATTCATCAGCAGCACCCA	QPPD
<i>SERPINE1</i>	NM_000602	150 bp	CCATGCTCCAGCTGACAAC	TGGTGCTGATCTCATCCTTG	Across exons 2-3
<i>CYP1A2</i>	NM_000761	63 bp	GGGCACTTCGACCCTTACAA	GCACATGGCACCAATGACG	QPPD
<i>AQP3</i>	NM_004925	211 bp	GACAGAAGGAGCTGGTGTCC	ATGAGGATGCCCAGAGTGAC	Across exons 1-2
<i>ABCG2</i>	NM_004827	229 bp	CCTGAGATCCTGAGCCTTTG	ATGCCTTCAGGTCATTGGAA	Across exons 1-2
<i>PPIA</i>	NM_021130	116 bp	CCCACCGTGTTCTTCGACAT	CCAGTGCTCAGAGCACGAAA	QPPD

<sup>1</sup>Primer pairs were either selected from among the published sets within the Quantitative PCR Primer Database (QPPD, <http://web.ncifcrf.gov/rtp/gel/primerdb/default.asp>) or designed to span exon-exon boundaries using Primer3 (<http://frodo.wi.mit.edu/>).