

**Supplementary Table S1.** Statistical analysis of levels of mRNA expression for HC differentiation-related genes using RT-qPCR.

Samples	(P Value)	Target Genes							
		SOX2	E-Cad	Laminin	PAX2	PAX8	ATOH1	M7A	
CHIR vs. (–) Control	P > 0.05 (ns) P < 0.001 (***)	***	ns	***	***	***	***	***	
CHIR vs. (+) Control 7D	P > 0.05 (ns) P < 0.001 (***)	***	ns	***	***	***	***	***	
CHIR vs. (+) Control 14D	P > 0.05 (ns) P < 0.001 (***)	ns	ns	ns	ns	ns	ns	***	