

## SUPPLEMENTARY INFORMATION

### Ductular reaction-on-a-chip: Microfluidic co-cultures to study stem cell fate selection during liver injury

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Supplementary Table 1: Primers used for transcript quantification by Real Time PCR

Human Albumin-F	GCACAGAATCCTTGGTGAACAG
Human Albumin-R	ATGGAAGGTGAATGTTTTAGCA
Human $\alpha$ AT-F	ACTGTCAACTTCGGGGACAC
Human $\alpha$ AT-R	CATGCCTAAACGCTTCATCA
Human ABCB4-F	CTTTTCCTTGTCGCTGCTAAAT
Human ABCB4-R	AGTTCAGTGGTGTGCGTTGATGT
Human Hnf1 $\beta$ (a)-F	GTACGTCAGAAAGCAACGAGAGAT
Human Hnf1 $\beta$ (a)-R	TGACTGCTTTTGTCTGTCATATTTCCA
Human CK7-F	AGACGGAGTTGACAGAGCTG
Human CK7-R	GGATGGCCCGGTTTCATCTC
Human MRP3-F	AAAAGCAGACGGCACGACA
Human MRP3-R	GCAGGCACTGATGAGGAAGC
Human GAPDH-F	GGTGGTCTCCTCTGACTTCAACA
Human GAPDH-R	GTGGTCGTTGAGGGCAATG
Rat Albumin-F	CATCCTGAACCGTCTGTGTG
Rat Albumin-R	TTTCCACCAAGGACCCACTA
Rat HGF-F	CTTCTGCCGGTCTCTGTTG
Rat HGF-R	TCTTCTTCTTCTGTCCTTCTGC
Rat TGF- $\beta$ -F	CCTGGAAAGGGCTCAACAC
Rat TGF- $\beta$ -R	CAGTCTTCTCTGTGGAGCTGA
Rat E-cadherin-F	CGTGGATGTGGTAGACGTGAA
Rat E-cadherin-R	TTCTTCGCAGGCACAAAAAT

Rat Wnt5a-F	AGCCGAGAGACAGCCTTCAC
Rat Wnt5a-R	TCCTGCGACCTGCTTCATTG
Rat SMA-F	TGCCATGTATGTGGCTATTCA
Rat SMA-R	ACCAGTTGTACGTCCAGAAGC
Rat GAPDH-F	AGACAGCCGCATCTTCTTGT
Rat GAPDH-R	CTTGCCGTGGGTAGAGTCAT
Mouse Foxa2-F	GTCGTCCGAGCAGCAACATC
Mouse Foxa2-R	GGGTAGTGCATGACCTGTTCG
Mouse AFP-F	AAAGCTGCGCTCTCTACCAG
Mouse AFP-R	GAGTTCACAGGGCTTGCTTC
Mouse Albumin-F	AGTGTTGTGCAGAGGCTGAC
Mouse Albumin-R	TTCTCCTTACACCATCAAGC
Mouse CK19-F	TGACCTGGAGATGCAGATTG
Mouse CK19-R	CCTCAGGGCAGTAATTCCTC
Mouse HNF1 $\beta$ -F	AGAGCCCAGGCAGTCACA
Mouse HNF1 $\beta$ -R	GGGGTTCCTGCTTATGTGC
Mouse Notch2-F	TGCCTGTTTGACAACTTTGAGT
Mouse Notch2-R	GTGGTCTGCACAGTATTTGTCAT
Mouse Jagged1-F	GAGGCGTCCTCTGAAAAACA
Mouse Jagged1-R	ACCCAAGCCACTGTTAAGACA
Mouse Jagged2-F	CGTCATCCCTTTCAGTTTCG
Mouse Jagged2-R	CCTCATCTGGAGTGGTGTC A
Mouse MRP3-F	ACCAGGAGGACCATGAAGC
Mouse MRP3-R	TGTGGGTGCTGAGTGTGTCT
Mouse CK18-F	CAAGGTGAAGAGCCTGGAAA
Mouse CK18-R	AAGTCATCGGCGGCAAG
Mouse GAPDH-F	CCCCAATGTGTCCGTCGTG
Mouse GAPDH-R	GCCTGCTTACCACCTTCT