

Supplementary Table 1. Clinical characteristics of liver donors

Donor	1	2
Ethnicity	Asian	Asian
Sex	Female	Male
Age (yr)	54	33
Body mass index (kg/m ²)	24.9	23.5
Diagnosis	Intrahepatic stone	Liver donor
Operation	Left lateral sectionectomy	Laparo RHH
Child-Pugh score	N/A	N/A
Albumin (g/dL)	4	4.7
PT (INR)	1.05	0.94
Total bilirubin (mg/dL)	0.46	0.7
ALP (U/L)	67	72
AST (U/L)	24	16
ALT (U/L)	17	10
Hepatitis	None	None
Alcohol use	N/A	N/A
Smoker	N/A	N/A
Specimen weight (g)	N/A	0.42

PT, prothrombin time; INR, international normalized ratio; ALP, alkaline phosphatase; AST, aspartate aminotransferase; ALT, alanine aminotransferase; RHH, right hemihepatectomy; N/A, not available.

Supplementary Table 2. List of antibodies used in this study

Name	Supplier	Cat no.
Albumin	Cedarlane	CL2513A
CK18	Abcam	ab668
ASGR1	Santa Cruz Biotechnology	SC-52623
Ki67	abcam	ab92742
EPCAM	Abcam	ab32392
E-CAD	Biosciences	610181
Hoechst 33342	Life Technologies	H3570

Supplementary Table 3. List of primers used in this study

Name	Sequence forward	Reverse	Supplier
CD44	CATCTACCCAGCAACCCTA	CTGTCTGTGCTGTCGGTGAT	Macrogen
CD90	CTAGTGGACCAGAGCCTTCG	ACAGGGACATGAAATCCGTG	Macrogen
ITGA6	TCGCTGGGATCTTGATGCTTGC	TGAGCATGGATCTCAGCCTTGTG A	Macrogen
FOXJ1	CCTGTCGGCCATCTACAAGT	AGACAGGTTGTGGCGGATT	Macrogen
SOX9	GAGGAAGTCGGTGAAGAACG	ATCGAAGGTCTCGATGTTGG	Macrogen
EpCAM	GAACAATGATGGGCTTTATG	TGAGAATTCAGGTGCTTTTT	Macrogen
CK19	TCCGAACCAAGTTTGAGACG	CCCTCAGCGTACTGATTCC	Macrogen
ALB	CACAGAATCCTTGGRGAACAGG	ATGGAAGGTGAATGTTTCAGCA	Macrogen
HNF4a	CCAAAACCCTCGTCGACATG	GCACATTCTCAAATCCAGG	Macrogen
AAT	TATGATGAAGCGTTTAGGC	CAGTAATGGACAGTTTGGGT	Macrogen
ASGR1	CAGCAACTTCACAGCCAGCA	AGCTGGGACTCTAGCGACTT	Macrogen
CYP1A2	CGGACAGCACTTCCCTGAGA	AGGCAGGTAGCGAAGGATGG	Macrogen
CYP3A4	TTCAGCAAGAAGAACAAGGACAA	GGTTGAAGAAGTCCTCCTAAGC	Macrogen
GAPDH	TGCACCACCAACTGCTTAGC	GGCATGGACTGTGGTCATGAG	Macrogen