

**Supplementary Table 1. Hepatocyte gene list used in GSEA for Extended Data Fig. 1g**

C3	SELENBP1	LRG1	MX2	XBP1	ST7L
SULT1A1	DEDD2	TMEM42	LRPAP1	ELL	STK40
IIGP1	RTP4	RNF167	CNNM3	HP	FURIN
FGB	TAP2	IRF7	ANKRD46	PCNX	NRTN
PARP9	TENC1	CRY2	SASH1	PTCH1	ADARB1
FGA	CCPG1	SDF4	LMBRD1	ARL4D	2610002M06RIK
LIMS2	CFH	ZHX1	NCOA1	STAT3	DENND1A
IGTP	CDC42EP4	BACH1	ASPH	CHCHD7	1110031I02RIK
HABP2	SLC18A1	FRAT1	APTX	C87436	SEC63
GC	D230025D16RIK	UBR2	SLC30A1	TOR2A	TIAL1
NMI	DLL1	ATF5	FGG	PLCB1	LMAN2
BNIP3	SEMA4A	ST3GAL1	LPGAT1	STK16	PDIA6
TAPBP	TTYH2	DPM1	XDH	ELAC1	ENY2
TLE1	LRRC61	MIF4GD	CYHR1	PDE4A	PTPRJ
PARP12	2310061J03RIK	TMCO4	UNC84B	FGR	AHCY
DNAJB9	2310010J17RIK	PSMB8	TMEM62	ABCB9	FGFR3

Gene symbols from a set of 96 genes used to generate ‘Hepatocyte Genes’ GSEA data in **Extended Data Fig. 1g**. This gene set was created from expression data from Shin, et al. 2001<sup>35</sup> as described in Methods.