

Journal of Hepatology

CTAT methods

Tables for a “Complete, Transparent, Accurate and Timely account” (CTAT) are now mandatory for all revised submissions. The aim is to enhance the reproducibility of methods.

- Only include the parts relevant to your study
- Refer to the CTAT in the main text as ‘Supplementary CTAT Table’
- Do not add subheadings
- Add as many rows as needed to include all information
- Only include one item per row

If the CTAT form is not relevant to your study, please outline the reasons why:

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1.1 Antibodies

Name	Citation	Supplier	Cat no.	Clone no.
NFATc3		Santa Cruz Biotechnology	sc-8405	Mouse McAb
HNF1 α		Santa Cruz Biotechnology	sc-8986	Rabbit polyclonal Ab
NFATc1		Sigma-Aldrich	MABS409	Mouse McAb
CD3		Dako	A0452	Rabbit polyclonal Ab
Lamin B1		Cell Signaling Technology	12586S	Rabbit McAb
Nucleoporin p62		BD Biosciences	610497	Mouse McAb
GAPDH		Sigma-Aldrich	G8795	Mouse McAb

1.2 Cell lines

Name	Citation	Supplier	Cat no.	Passage no.	Authentication test method
Huh7-BAT	Higuchi, et al J Biol Chem 2001; 276(42): 38610-18	Dr. Gregory Gores		<10 passage in our hands	Uptake of fluorescent and radioactive labelled bile acids

1.3 Organisms

Name	Citation	Supplier	Strain	Sex	Age	Overall n number
Mouse	Cai et al, JCI Insight 2017;2:e90780	Jackson Labs	Wild-type C57BL/6	Male	10-20 weeks	>25
Mouse	Cai et al, Am J Physiol GI 2014; 306:G670-6	Jackson Labs	FVB.129P2- <i>Abcb4</i> ^{tm1Bor/J}	Male, female	6-10 weeks	>35

1.4 Sequence based reagents

Name	Sequence	Supplier
Mouse Nfatc1 TaqMan assay	Proprietary to ABI, Cat# Mm00479445_m1	Thermo Fisher Scientific
Mouse Nfatc2 TaqMan assay	Proprietary to ABI, Cat# Mm01240677_m1	Thermo Fisher Scientific
Mouse Nfatc3 TaqMan assay	Proprietary to ABI, Cat# Mm01249200_m1	Thermo Fisher Scientific
Mouse Nfatc4 TaqMan assay	Proprietary to ABI, Cat# Mm00452375_m1	Thermo Fisher Scientific
Mouse Ccl2 TaqMan assay	Proprietary to ABI, Cat# Mm00441242_m1	Thermo Fisher Scientific
Mouse Cxcl1 TaqMan assay	Proprietary to ABI, Cat# Mm00433859_m1	Thermo Fisher Scientific
Mouse Cxcl2 TaqMan assay	Proprietary to ABI, Cat# Mm00436450_m1	Thermo Fisher Scientific
Mouse Cxcl10 TaqMan assay	Proprietary to ABI, Cat# Mm00445235_m1	Thermo Fisher Scientific
Mouse Icam1 TaqMan assay	Proprietary to ABI, Cat# Mm00516023_m1	Thermo Fisher Scientific
Mouse Vcam1 TaqMan assay	Proprietary to ABI, Cat# Mm01320970_m1	Thermo Fisher Scientific
Mouse Egr1 TaqMan assay	Proprietary to ABI, Cat# Mm00656724_m1	Thermo Fisher Scientific
Mouse Cyp7a1 TaqMan assay	Proprietary to ABI, Cat# Mm00484152_m1	Thermo Fisher Scientific
Human NFATc1 TaqMan assay	Proprietary to ABI, Cat# Hs00542678_m1	Thermo Fisher Scientific
Human NFATc2 TaqMan assay	Proprietary to ABI, Cat# Hs00905451_m1	Thermo Fisher Scientific
Human NFATc3 TaqMan assay	Proprietary to ABI, Cat# Hs00190046_m1	Thermo Fisher Scientific
Human NFATc4 TaqMan assay	Proprietary to ABI, Cat# Hs00190037_m1	Thermo Fisher Scientific
Human IL-8 TaqMan assay	Proprietary to ABI, Cat# Hs00174103_m1	Thermo Fisher Scientific

1.5 Biological samples

Description	Source	Identifier
Primary human hepatocytes	Liver Tissue Cell Distribution System, University of Pittsburgh	NIH Contract #N01-DK-7-0004 / HHSN267200700004C
Liver tissue explanted from patients with end-stage PBS or PSC, or deceased healthy donors.	Liver Tissue Cell Distribution System in University of Minnesota	NIH Contract # HSN276201200017C

1.6 Deposited data

Name of repository	Identifier	Link
N/A		

1.7 Software

Software name	Manufacturer	Version
GraphPad Prism	GraphPad	8.4.
ImageJ	National Institute of Health	1.51

1.8 Other (e.g. drugs, proteins, vectors etc.)

Name	Supplier	
Cyclosporin A	Sigma-Aldrich	
FK506	Cayman Chemical (Ann Arbor, MI)	
KN-62 and Inca-6	Tocris Bioscience (Minneapolis, MN)	
A285222	AbbVie, Inc. (North Chicago, IL)	

1.9 Please provide the details of the corresponding methods author for the manuscript:

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2.0 Please confirm for randomised controlled trials all versions of the clinical protocol are included in the submission. These will be published online as supplementary information.

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