

JHEP Reports
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:

1.1 Antibodies

Name	Citation	Supplier	Cat no.	Clone no.
Lipoprotein lipase (LPL) mouse monoclonal antibody	Antibodypedia	OriGene Technologies, Inc. Rockville, US	TA503783S	monoclonal OTI2C12
Human/mouse lipoprotein lipase/LPL antibody	Roberts, B., et al. 2022. Characterization of lipoprotein lipase storage vesicles in 3T3-L1 adipocytes. <i>J Cell Sci.</i>	R&D Systems Minneapolis, US	AF7197-SP	polyclonal
Anti-Mouse IgG	Ferreira, R., et al. 2006. Skeletal muscle atrophy increases cell proliferation in mice gastrocnemius during the first week of hindlimb suspension. <i>Eur J Appl Physiol.</i>	Merck Darmstadt, Germany	A9044	polyclonal
Anti-goat IgG-HRP	Wang, S., et al. 1998. Alterations of the PPP2R1B gene in human lung and colon cancer. <i>Science</i> 282: 284-287.	Santa Cruz Biotechnology Heidelberg, Germany	Sc-2020	polyclonal

1.2 Cell lines

Name	Citation	Supplier	Cat no.	Passage no.	Authentication test method
PLC/PRF/5 hepatoma cells	Shin, J., et al. 2021. Src is essential for the endosomal delivery of the FGFR4 signaling complex in hepatocellular carcinoma. <i>Journal of Translational Medicine</i> 19.	LGC Standards GmbH (Wesel, Germany)	ATCC-CRL-8024	42	Highly-polymorphic short tandem repeat loci (STR)
Human hepatic sinusoidal endothelial cells	Xie, F., et al. 2016. Evaluation of Liver Ischemia-Reperfusion Injury in Rabbits Using a Nanoscale Ultrasound Contrast Agent Targeting ICAM-1. <i>PLoS One</i> 11.	ScienCell Research Laboratories, Inc. (Carlsbad, USA)	#5000	10	
Human hepatic stellate cells	Reynaert, H., et al. 2002. Hepatic stellate cells: role in microcirculation and pathophysiology of portal hypertension. <i>Gut</i> 50:571-581.	ScienCell Research Laboratories, Inc. (Carlsbad, USA)	#5300	8	
Primary hepatocytes	Soronen, J., et al., 2016. Novel hepatic microRNAs upregulated in human nonalcoholic fatty liver disease. <i>Physiol Rep.</i> 4.	ScienCell Research Laboratories, Inc. (Carlsbad, USA)	#5200	3	

1.3 Organisms

1.4 Sequence based reagents

Name	Sequence	Supplier
LPL for	5'-CTG CTG GCA TTG CAG GAA GTC T-3'	Integrated DNA Technologies (Leuven, Belgium)
LPL rev	5'-GCC TTG TCT GCC TTC AGC-3'	Integrated DNA Technologies (Leuven, Belgium)
RPL19	for: TGG GCA TAG GTA AGC GGA rev: GCC TTG TCT GCC TTC AGC	Integrated DNA Technologies (Leuven, Belgium)

1.5 Biological samples

Description	Source	Supplier
Blood samples	Healthy patients; Patients with alcohol-associated cirrhosis with and without HCC; Patients with viral disease with and without HCC	Universitätsklinikum Bonn
Liver specimens from cirrhotic liver explants	Patients with alcohol-associated cirrhosis with and without HCC; Patients with viral disease with and without HCC	Universitätsklinikum Bonn
Tumor-free liver tissue gained by surgical resection of liver metastases	Patients with liver metastases	Universitätsklinikum Bonn

1.6 Deposited data

Name of repository	Identifier	Link

1.7 Software

Software name	Manufacturer	Version
GraphPad Prism	GraphPad (San Diego, USA)	9
IBM SPSS Statistics	IBM (New York, USA)	24
Lightcycler® 96 SW analysis software	Roche Diagnostics (Rotkreuz, Switzerland)	1.1
ImageLab Software	BioRad (Feldkirchen, Germany)	6.1

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

Name	Supplier
QIAamp Blood Mini Kit	Qiagen (Hilden, Germany)

LightSNiP (SimpleProbe) assays	TIB-MolBiol (Berlin, Germany)
LightSNiP reagent mix	TIB-MolBiol (Berlin, Germany)
Blue Probe qPCR 2x Mix	Biozym Scientific GmbH (Hessisch Oldendorf, Germany)
GeneJET RNA Purification Kit	Thermo Scientific (Lithuania)
QuantiTect® Reverse Transcription Kit	Qiagen (Hilden, Germany)
Blue S'Green qPCR 2x Mix	Biozym Scientific GmbH (Hessisch Oldendorf, Germany)
DC Protein Assay Kit	Bio-Rad Laboratories GmbH (Feldkirchen, Germany)
Healthcare Amersham™ ECL Prime Western-Blot detection reagent	Fisher Scientific GmbH (Schwerte, Germany)

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.